



CITY COUNCIL 345 6th Street, Suite 100, Bremerton, WA 98337 - Phone (360) 473-5280

WEDNESDAY, DECEMBER 20, 2023
CITY COUNCIL HYBRID MEETING AGENDA

Most Council Members and staff will be participating in the meeting in-person, and the public is invited to attend. Or beginning at 5:30 PM, the public may participate remotely through one of the following options:

- *To stream online only (via BKAT Feed, with no interaction possible):*
<https://bremerton.vod.castus.tv/vod/?live=ch1&nav=live>
 - *Members of the public are invited to join the Zoom Meeting by clicking on the link below:*
<https://us02web.zoom.us/j/89694813320?pwd=Z0JvSXNhSFp1c0xhL1NxUjRhN20xUT09>
 - *Or One tap mobile:*
US: +12532050468,,89694813320#,,,,*173061# or +12532158782,,89694813320#,,,,*173061#
 - *Or Telephone: Dial (for higher quality, dial a number based on your current location):*
US: +1 253 205 0468 or +1 253 215 8782 or +1 669 444 9171 or +1 669 900 6833
- Webinar ID: 896 9481 3320*
Passcode: 173061

Public questions or comments may be submitted ahead of time to City.Council@ci.bremerton.wa.us

1. **BRIEFING**: 5:00 – 5:30 P.M. in **COUNCIL CONFERENCE ROOM 603**
 - A. Review of Agenda
 - B. General Council Business
2. **CALL TO ORDER**: 5:30 P.M. in **FIRST FLOOR CHAMBERS**
3. **MAYOR'S REPORT**
4. **CONSENT AGENDA**
 - A. Claims & Check Register
 - B. Minutes of Meeting – December 6, 2023
 - C. Minutes of Study Session – December 13, 2023
 - D. Acceptance of Transportation Alternatives Program Grant from PSRC; and Approval of Local Agency Agreement with WSDOT for the Naval Avenue Bicycle and Pedestrian Project
 - E. Ordinance No. 5488 to amend Ordinance No. 5464 establishing the City of Bremerton's Fiscal Year 2023 Budget as amended by Ordinance No. 5477
 - F. Acceptance of the 2024-2025 Public Defense Improvement Grant from the Washington State Office of Public Defense for the Bremerton Municipal Court
 - G. Affiliation Agreement with Pierce College for Paramedic Student Training
 - H. Mutual Aid Interlocal Agreement for Tactical Emergency Medical Support Services
 - I. Interagency Agreement with WA State Department of Natural Resources
 - J. Acceptance of the Lodging Tax Advisory Committee's 2024 Funding Recommendations
 - K. Approval of Social Media Guidelines as Addendum to Council Rules and Procedures

Continued on next page...



Americans with Disabilities Act (ADA) accommodations provided upon request. Those requiring special accommodations please contact the City Clerk at (360) 473-5323 at least 24 hours prior to the meeting.

5. **PUBLIC RECOGNITION**

6. **GENERAL BUSINESS**

[A.](#) Resolution No. 3369 to approve the Joint Compatibility Transportation Plan

7. **COUNCIL MEMBER REPORTS**

8. **EXECUTIVE SESSION**

[A.](#) 10-Minutes to discuss Potential and Pending Litigation as allowed under RCW 42.30.110 (1)(i);
With action anticipated...

9. **ADJOURNMENT OF CITY COUNCIL BUSINESS MEETING**

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4A

SUBJECT:

Claims & Check Register

Study Session Date: N/A

COUNCIL MEETING Date: December 20, 2023

Department: Legal Services

Presenter: Angela Hoover

Phone: (360) 473-5323

SUMMARY:

Approval of the following checks and electronic fund transfers:

1. Check Numbers 405126-405410 and EFT Numbers V39835-V40002 in the grand total amount of \$8,556,711.51
2. Regular Payroll for pay period ending November 30, 2023 in the amount of \$1,120,667.45
3. Regular Payroll for payouts for the pay period ending November 30, 2023 in the amount of \$47,668.67

ATTACHMENTS:

FISCAL IMPACTS (Include Budgeted Amount):

STUDY SESSION AGENDA:

Limited Presentation

Full Presentation

STUDY SESSION ACTION:

Consent Agenda

General Business

Public Hearing

RECOMMENDED MOTION:

Move to approve the consent agenda as presented.

COUNCIL ACTION:

Approve

Deny

Table

Continue

No Action

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4B

SUBJECT: Minutes of Meeting – December 6, 2023

Study Session Date: N/A
COUNCIL MEETING Date: December 20, 2023
Department: City Council
Presenter: Council President
Phone: (360) 473-5280

SUMMARY: The Minutes of Meeting held on December 6, 2023 are attached.

ATTACHMENTS: Meeting Minutes

FISCAL IMPACTS (Include Budgeted Amount): None

STUDY SESSION AGENDA: N/A

STUDY SESSION ACTION: Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to approve the December 6, 2023 Meeting Minutes as presented.

COUNCIL ACTION: Approve Deny Table Continue No Action

CITY COUNCIL HYBRID MEETING MINUTES

Wednesday, December 6, 2023

The weekly meeting of the City Council of the City of Bremerton was called to order Wednesday, December 6, 2023, at 5:09 PM in Council Conference Room 603 of the NORM DICKS GOVERNMENT CENTER, 345 6th Street, Bremerton, Washington, with Council President Jeff Coughlin presiding. Council Members present were Jennifer Chamberlin, Denise Frey (remotely at 5:30 PM), Jane Rebelowski, Anna Mockler, and Eric Younger. Council Member Michael Goodnow was absent. Also present were City Attorney Kylie Finnell; Finance Director Mike Riley; City Clerk Angela Hoover; Legislative Assistant Christine Grenier; and IT Manager Dave Sorensen. At 5:30 PM, the meeting moved to the First Floor Meeting Chambers.

President Coughlin recognized newly seated District 4 Council Member Jane Rebelowski; then announced the City Council is conducting the Council Meeting in-person with an option for the public to join in person, participate via Zoom, or view on BKAT, because community involvement is encouraged.

MAYOR'S REPORT – *Mayor Wheeler highlighted...*

- Downtown Library Reopening on December 11
- “Eastside Village” housing development planned for completion in Summer/Fall 2024
- Astound to expand broadband access in Bremerton
- Introduced new Public Works Operations Manager Glenn Akramoff who then presented a Snow & Ice Response Report

CONSENT AGENDA

4A – Check Numbers 405022 through 405125 and Electronic Fund Transfers V39753 through V39834 in the grand total amount of \$3,858,138.76; Regular Payroll for pay period ending November 15, 2023 in the amount of \$1,126,755.69; Regular Payroll for payouts for the pay period ending November 15, 2023 in the amount of \$10,253.85; Retiree Payroll for pay period ending November 30, 2023 in the amount of \$35,647.23

4B – Minutes of Meeting – November 15, 2023

4C – Contract Change Order No. 5 with Parametrix, Inc. for Engineering Services for the Kitsap Lake Park Renovation Project; and related Budget Adjustment

4D – Agreement with Kitsap County for Provision on Juvenile Detention Facilities

4E – Approval of Prosecuting Attorney and Assistant Prosecuting Attorney Retention Pay Incentive Agreements

*Comments or questions were provided by **Roy Runyon** (Item 4C, 4E); **Scott Mason** (Item 4D); **Eric Magnuson** (Item 4D); **William Cooper** (Item 4D); **Judge Tracy Flood** (4E); with a response provided by **Jennifer Chamberlin**...*

5:58 PM M/S/C/U (Mockler/Chamberlin) Move to approve the CONSENT AGENDA as amended.

Motion carried unanimously.

PUBLIC RECOGNITION – *Comments or questions from the public were submitted by...*

Mary Lou Long; **Sarah Setty**; **Zach Mann**; **Brian Shafer**; **Bryan of Bay Vista**; **Amy Rosa**; **Mark Goldberg**; **Erinn Hale**; **Joan Hanten**; **Amy Waterman**; **Bree Medley**; **Jeff Flood**; **Jill Stanton** (read statement on behalf of John Straub); **Elena Castellano**; **Dr. Levine**; **Roy Runyon**...with a response provided by **Jeff Coughlin**...

PUBLIC HEARING

6A – PRESENTATION ON THE JOINT TRANSPORTATION COMPATIBILITY PLAN:

Project Manager **Katie Ketterer** explained in her presentation that the Joint Compatibility Transportation Plan is scheduled for Council adoption on the next Council meeting cycle of 12/13/2023 and 12/20/2023. Project staff will give a presentation that summarizes the study process and outcomes. The plan includes over 30 recommended projects that the City and other agencies can implement over the next 20 years to address traffic and parking issues related to NBK-Bremerton.

President Coughlin explained the purpose of this Public Hearing is to accept public comment; with no action anticipated tonight...

Comments or questions from the public were provided by **Dianne Iverson**; **Rick Feney**; **Roy Runyon**; **Travis Merrigan**; **Angie**; ...With a response provided by **Ms. Ketterer**...

With no further questions or comments by the public, **President Coughlin** closed the hearing to the public....

GENERAL BUSINESS – There were no General Business items tonight...

COUNCIL MEMBER REPORTS

Jennifer Chamberlin addressed comments made by Bay Vista residents and provided feedback on the proposed homeless shelter; was offended by the hate speech and hoped that Council could address this in general, and not limiting the discussion to antisemitism.

Denise Frey was concerned that BHA Commissioner and Executive Director are opposed to the proposed shelter and with issues brought forward by the records requests; and thanked people who shared their thoughts and opinions tonight.

Jane Rebelowski looks forward to holding monthly district meetings; wants to have her constituent's interests at heart before voting on any issues; and mentioned that if any constituents are trying to contact her, she will have email access soon.

Anna Mockler attended the November 28 meeting and agreed that outreach is needed for the Bay Vista community that would be affected by the proposed homeless shelter; invited everyone to attend the next District 6 Town Hall Meeting on Monday, December 11 from 4:00 to 6:00 PM at the Oyster Bay Public Works Facility; and thanked Community Development and Public Works staff for hosting a Tour of District 6.

Eric Younger wanted to hear the proposal and then decide how to proceed, allowing enough time for this; acknowledged earlier comments; and believed that agencies should be managing homeless shelters and developing countywide solutions.

Jeff Coughlin recognized the impact of homelessness on the community and on the unhoused and this will be a challenge to set priorities; thanked everyone who spoke on this issue; addressed continuing hate speech; added that a resolution to identify antisemitism will be on next week's Study Session; was happy the Joint Transportation Compatibility Plan was going forward; also enjoyed his District Tour; thanked Eric Morley and Public Works for making Krampus Nacht happen; attended Manette Tree Lighting and Winter Fest; and welcomed Jane Rebelowski to the Bremerton City Council, who is now part of the first female majority in the City's history.

President Coughlin called a brief break from 7:35 to 7:48 PM...

WCIA COUNCIL TRAINING

A presentation on “ Council Do’s and Don’ts” was made by **Rob Roscoe**, Deputy Director for WA Cities Insurance Authority. City Attorney **Kylie Finnell** was available to provide additional input.

President Coughlin announced the next Study Session on Wednesday, December 13 beginning at 5:00 PM will be held in the Meeting Chambers of the Norm Dicks Government Center, and the public is welcome and encouraged to attend in-person or remotely via Zoom, but there will be no opportunity to comment. Written comments are welcome anytime.

With no further business, **President Coughlin** adjourned the Council Meeting at 8:38 PM.

Prepared and Submitted by:

Christine Grenier

CHRISTINE GRENIER
Legislative Assistant

APPROVED by the City Council on the 20th day of December, 2023.

JEFF COUGHLIN, City Council President

Attest:

ANGELA HOOVER, City Clerk

JC:AH:ls:cg

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4C

SUBJECT: Minutes of Study Session –
December 13, 2023

Study Session Date: N/A

COUNCIL MEETING Date: December 20, 2023

Department: City Council

Presenter: Council President

Phone: (360) 473-5280

SUMMARY: The Minutes of Study Session held on December 13, 2023 are attached.

ATTACHMENTS: Meeting Minutes

FISCAL IMPACTS (Include Budgeted Amount): None

STUDY SESSION AGENDA: N/A

STUDY SESSION ACTION: Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to approve the December 13, 2023 Meeting Minutes as presented.

COUNCIL ACTION: Approve Deny Table Continue No Action

CITY COUNCIL STUDY SESSION MINUTES

Wednesday, December 13, 2023

A Study Session of the City Council of the City of Bremerton was called to order on Wednesday, December 13, 2023 at 5:00 PM in the First Floor Meeting Chambers located in the Norm Dicks Government Center at 345 6th Street, with Council President Jeff Coughlin presiding. Other Council Members present were Eric Younger, Anna Mockler, Jane Rebelowski, Denise Frey, and Jennifer Chamberlin. Council Member Michael Goodnow was absent. Legislative Assistant Christine Grenier provided staff support.

President Coughlin established that the Study Session is open for the public to attend in person or view remotely, but there will be no opportunities for input, the content of these items is subject to change, no action is anticipated...

He further established that a recording will be available online within a few days following the meeting. And any of the items approved for action by the Council tonight, will be placed on the **December 20, 2023 City Council Meeting Agenda** or as otherwise determined...

And lastly, provided reminders that the microphones are sensitive and do pick-up side conversations and other sounds in the room...

A. **BRIEFINGS ON AGENDA BILL ITEMS**

1. Acceptance of Transportation Alternatives Program Grant from PSRC; and Approval of Local Agency Agreement with WSDOT for the Naval Avenue Bicycle and Pedestrian Project **Consent Agenda**
2. Ordinance to amend Ordinance No. 5464 establishing the City of Bremerton's Fiscal Year 2023 Budget as amended by Ordinance No. 5477 **Consent Agenda**
3. Acceptance of 2024-2025 Public Defense Improvement Grant from the Washington State Office of Public Defense for the Bremerton Municipal Court **Consent Agenda**
4. Affiliation Agreement with Pierce College for Paramedic Student Training **Consent Agenda**
5. Mutual Aid Interlocal Agreement for Tactical Emergency Medical Support Services **Consent Agenda**
6. Interagency Agreement with WA State Department of Natural Resources **Consent Agenda**
7. Resolution to approve the Joint Compatibility Transportation Plan **General Council Business**

President Coughlin called a brief break from 6:20 to 6:30 PM...

8. Resolution to confirm the Administration's Recommendation to Develop a Low-Barrier Walk-Up Congregate Homeless Shelter at 100 Oyster Bay Avenue North
Continued to January 10 Study Session

President Coughlin called a brief break from 9:05 to 9:20 PM...Due to Appearance of Fairness for Item A9, he recused himself, then **Vice President Chamberlin** chaired the meeting...

9. Acceptance of the Lodging Tax Advisory Committee's 2024 Funding Recommendations
Consent Agenda

President Coughlin then continued to chair the remainder of the meeting...

10. Resolution to adopt the International Holocaust Remembrance Alliance working definition of antisemitism ***Continued to January 10 Study Session***

B. GENERAL COUNCIL BUSINESS

1. Discussion on Social Media Guidelines for Elected Officials ***Consent Agenda***
2. Public Works Committee Briefing (*Last Meeting 11/21/2023*) – Chair Anna Mockler
3. Audit Committee Briefing (*Last Meeting 11/27/2023*) – Chair Anna Mockler
4. Public Safety Committee Briefing (*Last Meeting 12/5/2023*) – Chair Denise Frey
5. Regional and Other Committee/Board Briefings
6. Other General Council Business (*As necessary, and as time allows...*)

President Coughlin established that the next Council Meeting would be on Wednesday, December 20, 2023 beginning at 5:30 PM in the First Floor Meeting Chambers of the Norm Dicks Government Center, and that the public is invited to attend in person or remotely.

With no further business, the Study Session was adjourned at 10:06 PM.

Prepared and Submitted by:

Christine Grenier

CHRISTINE GRENIER, Legislative Assistant

APPROVED by the City Council on the 20th day of December, 2023.

JEFF COUGHLIN, Council President

ATTEST:

ANGELA HOOVER, City Clerk

JC:AH:ls:cg

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4D

SUBJECT:

Acceptance of Transportation Alternatives Program Grant from PSRC; and Approval of Local Agency Agreement with WSDOT for the Naval Avenue Bicycle and Pedestrian Project

Study Session Date: December 13, 2023
COUNCIL MEETING Date: December 20, 2023
Department: Engineering
Presenter: Chris Dimmitt
Phone: (360) 473-2307

SUMMARY:

The City has been offered a Transportation Alternatives Program (TAP) Grant from the Puget Sound Regional Council (PSRC) to acquire right of way for Phase II of the Naval Avenue Bicycle and Pedestrian project. Phase II is between 11th St and 15th St on Naval Avenue. The grant amount is \$899,600 and requires a City match of 13.5% (\$140,400) for a total of \$1,040,000. The offered grant will be in WSDOT Standard Forms, with their standard terms and conditions.

ATTACHMENTS:

- 1) Grant Award Letter, 2) Local Agency Agreement (blank)

FISCAL IMPACTS (Include Budgeted Amount): The grant requires a City match of \$140,400. The match will be funded by REET.

STUDY SESSION AGENDA:

Limited Presentation Full Presentation

STUDY SESSION ACTION:

Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to accept TAP Grant; and approve the Local Agency Agreement with WSDOT for the Naval Avenue Bicycle and Pedestrian Project; and authorize the Mayor to finalize and execute the agreement with substantially the same terms and conditions as presented.

COUNCIL ACTION: Approve Deny Table Continue No Action



Puget Sound Regional Council

1011 WESTERN AVENUE, SUITE 500 ||| SEATTLE, WA 98104•1035 ||| psrc.org ||| 206•464•7090

November 2, 2023

The Honorable Greg Wheeler
City of Bremerton
345 6th Street
Suite 100
Bremerton, WA 98337

Dear Mayor ~~Wheeler~~ *Greg,*

Congratulations! The Puget Sound Regional Council has selected the following project to receive Transportation Alternatives program funding.

PROJECT	AWARD AMOUNT	FUNDING DEADLINE
Naval Avenue Pedestrian and Bicycle Enhancements	Right of Way \$899,600	June 1, 2024

Yours was one of 20 projects that were approved by PSRC's Executive Board in October 2023 to receive a total of \$23.6 million in federal funding. There is strong demand for resources to build bicycle, pedestrian, and other community-based transportation improvements in the region, and your project performed well in PSRC's merit-based selection process.

Securing federal transportation funding for communities in the region is one of the most important responsibilities of the Puget Sound Regional Council. Through our merit-based project selection process, PSRC ensures that federal transportation funds are put to work on priority projects that meet local needs and help achieve the region's long-term goals for transportation, economic development, and growth planning.

We appreciate your leadership and great work by your staff to help this project succeed. Together we're building a better system that provides transportation choices and enhances communities. I look forward to continuing to partner with you on efforts to help the region thrive for the long term.

Sincerely,

Josh Brown
Executive Director, Puget Sound Regional Council

*A great project!
Congrats Mayor!*

CC: Tom Knuckey, Public Works Director



Agency

Address

CFDA No. 20.205 - Highway Planning and Construction
(Catalog of Federal Domestic Assistance)

Project No.

Agreement No.

For WSDOT Use Only

The Local Agency having complied, or hereby agreeing to comply, with the terms and conditions set forth in (1) Title 23, U.S. Code Highways, (2) the regulations issued pursuant thereto, (3) 2 CFR Part 200, (4) 2 CFR Part 180 – certifying that the local agency is not excluded from receiving Federal funds by a Federal suspension or debarment, (5) the policies and procedures promulgated by the Washington State Department of Transportation, and (6) the federal aid project agreement entered into between the State and Federal Government, relative to the above project, the Washington State Department of Transportation will authorize the Local Agency to proceed on the project by a separate notification. Federal funds which are to be obligated for the project may not exceed the amount shown herein on line r, column 3, without written authority by the State, subject to the approval of the Federal Highway Administration. All project costs not reimbursed by the Federal Government shall be the responsibility of the Local Agency.

Project Description

Name Length
Termini
Description of Work

Project Agreement End Date

Proposed Advertisement Date

Claiming Indirect Cost Rate

Yes No

Type of Work	Estimate of Funding		
	(1) Estimated Total Project Funds	(2) Estimated Agency Funds	(3) Estimated Federal Funds
PE			
% a. Agency			
% b. Other			
Federal Aid Participation Ratio for PE			
c. Other			
d. State			
e. Total PE Cost Estimate (a+b+c+d)	0	0	0
Right of Way			
% f. Agency			
% g. Other			
Federal Aid Participation Ratio for RW			
h. Other			
i. State			
j. Total R/W Cost Estimate (f+g+h+i)	0	0	0
Construction			
% k. Contract			
% l. Other			
Federal Aid Participation Ratio for CN			
m. Other			
n. Other			
o. Agency			
p. State			
q. Total CN Cost Estimate (k+l+m+n+o+p)	0	0	0
r. Total Project Cost Estimate (e+j+q)	0	0	0

Agency Official

By

Title

Washington State

Department of Transportation

By Director, Local Program

Date Executed

Construction Method of Financing (Check Method Selected)

State Ad and Award

Method A - Advance Payment - Agency Share of total construction cost (based on contract award)

Method B - Withhold from gas tax the Agency's share of total construction coast (line 5, column 2) in the amount of

\$ _____ at \$ _____ per month for _____ months.

Local Force or Local Ad and Award

Method C - Agency cost incurred with partial reimbursement

The Local Agency further stipulates that pursuant to said Title 23, regulations and policies and procedures, and as a condition to payment of the federal funds obligated, it accepts and will comply with the applicable provisions set forth below. Adopted by official action on

_____, Resolution/Ordinance No. _____.

Provisions

I. Scope of Work

The Agency shall provide all the work, labor, materials, and services necessary to perform the project which is described and set forth in detail in the "Project Description" and "Type of Work."

When the State acts for and on behalf of the Agency, the State shall be deemed an agent of the Agency and shall perform the services described and indicated in "Type of Work" on the face of this agreement, in accordance with plans and specifications as proposed by the Agency and approved by the State and the Federal Highway Administration.

When the State acts for the Agency but is not subject to the right of control by the Agency, the State shall have the right to perform the work subject to the ordinary procedures of the State and Federal Highway Administration.

II. Delegation of Authority

The State is willing to fulfill the responsibilities to the Federal Government by the administration of this project. The Agency agrees that the State shall have the full authority to carry out this administration. The State shall review, process, and approve documents required for federal aid reimbursement in accordance with federal requirements. If the State advertises and awards the contract, the State will further act for the Agency in all matters concerning the project as requested by the Agency. If the Local Agency advertises and awards the project, the State shall review the work to ensure conformity with the approved plans and specifications.

III. Project Administration

Certain types of work and services shall be provided by the State on this project as requested by the Agency and described in the Type of Work above. In addition, the State will furnish qualified personnel for the supervision and inspection of the work in progress. On Local Agency advertised and awarded projects, the supervision and inspection shall be limited to ensuring all work is in conformance with approved plans, specifications, and federal aid requirements. The salary of such engineer or other supervisor and all other salaries and costs incurred by State forces upon the project will be considered a cost thereof. All costs related to this project incurred by employees of the State in the customary manner on highway payrolls and vouchers shall be charged as costs of the project.

IV. Availability of Records

All project records in support of all costs incurred and actual expenditures kept by the Agency are to be maintained in accordance with local government accounting procedures prescribed by the Washington State Auditor's Office, the U.S. Department of Transportation, and the Washington State Department of Transportation. The records shall be open to inspection by the State and Federal Government at all reasonable times and shall be retained and made available for such inspection for a period of not less than three years from the final payment of any federal aid funds to the Agency. Copies of said records shall be furnished to the State and/or Federal Government upon request.

V. Compliance with Provisions

The Agency shall not incur any federal aid participation costs on any classification of work on this project until authorized in writing by the State for each classification. The classifications of work for projects are:

1. Preliminary engineering.
2. Right of way acquisition.
3. Project construction.

Once written authorization is given, the Agency agrees to show continuous progress through monthly billings. Failure to show continuous progress may result the Agency's project becoming inactive, as described in 23 CFR 630, and subject to de-obligation of federal aid funds and/or agreement closure.

If right of way acquisition, or actual construction of the road for which preliminary engineering is undertaken is not started by the close of the tenth fiscal year following the fiscal year in which preliminary engineering phase was authorized, the Agency will repay to the State the sum or sums of federal funds paid to the Agency under the terms of this agreement (see Section IX).

If actual construction of the road for which right of way has been purchased is not started by the close of the tenth fiscal year following the fiscal year in which the right of way phase was authorized, the Agency will repay to the State the sum or sums of federal funds paid to the Agency under the terms of this agreement (see Section IX).

The Agency agrees that all stages of construction necessary to provide the initially planned complete facility within the limits of this project will conform to at least the minimum values set by approved statewide design standards applicable to this class of highways, even though such additional work is financed without federal aid participation.

The Agency agrees that on federal aid highway construction projects, the current federal aid regulations which apply to liquidated damages relative to the basis of federal participation in the project cost shall be applicable in the event the contractor fails to complete the contract within the contract time.

VI. Payment and Partial Reimbursement

The total cost of the project, including all review and engineering costs and other expenses of the State, is to be paid by the Agency and by the Federal Government. Federal funding shall be in accordance with the Federal Transportation Act, as amended, 2 CFR Part 200. The State shall not be ultimately responsible for any of the costs of the project. The Agency shall be ultimately responsible for all costs associated with the project which are not reimbursed by the Federal Government. Nothing in this agreement shall be construed as a promise by the State as to the amount or nature of federal participation in this project.

The Agency shall bill the state for federal aid project costs incurred in conformity with applicable federal and state laws. The agency shall minimize the time elapsed between receipt of federal aid funds and subsequent payment of incurred costs. Expenditures by the Local Agency for maintenance, general administration, supervision, and other overhead shall not be eligible for federal participation unless a current indirect cost plan has been prepared in accordance with the regulations outlined in 2 CFR Part 200 - Uniform Admin Requirements, Cost Principles and Audit Requirements for Federal Awards, and retained for audit.

The State will pay for State incurred costs on the project. Following payment, the State shall bill the Federal Government for reimbursement of those costs eligible for federal participation to the extent that such costs are attributable and properly allocable to this project. The State shall bill the Agency for that portion of State costs which were not reimbursed by the Federal Government (see Section IX).

1. Project Construction Costs

Project construction financing will be accomplished by one of the three methods as indicated in this agreement.

Method A – The Agency will place with the State, within (20) days after the execution of the construction contract, an advance in the amount of the Agency's share of the total construction cost based on the contract award. The State will notify the Agency of the exact amount to be deposited with the State. The State will pay all costs incurred under the contract upon presentation of progress billings from the contractor. Following such payments, the State will submit a billing to the Federal Government for the federal aid participation share of the cost. When the project is substantially completed and final actual costs of the project can be determined, the State will present the Agency with a final billing showing the amount due the State or the amount due the Agency. This billing will be cleared by either a payment from the Agency to the State or by a refund from the State to the Agency.

Method B – The Agency's share of the total construction cost as shown on the face of this agreement shall be withheld from its monthly fuel tax allotments. The face of this agreement establishes the months in which the withholding shall take place and the exact amount to be withheld each month. The extent of withholding will be confirmed by letter from the State at the time of contract award. Upon receipt of progress billings from the contractor, the State will submit such billings to the Federal Government for payment of its participating portion of such billings.

Method C – The Agency may submit vouchers to the State in the format prescribed by the State, in duplicate, not more than once per month for those costs eligible for Federal participation to the extent that such costs are directly attributable and properly allocable to this project. Expenditures by the Local Agency for maintenance, general administration, supervision, and other overhead shall not be eligible for Federal participation unless claimed under a previously approved indirect cost plan.

The State shall reimburse the Agency for the Federal share of eligible project costs up to the amount shown on the face of this agreement. At the time of audit, the Agency will provide documentation of all costs incurred on the project. The State shall bill the Agency for all costs incurred by the State relative to the project. The State shall also bill the Agency for the federal funds paid by the State to the Agency for project costs which are subsequently determined to be ineligible for federal participation (see Section IX).

VII. Audit of Federal Consultant Contracts

The Agency, if services of a consultant are required, shall be responsible for audit of the consultant's records to determine eligible federal aid costs on the project. The report of said audit shall be in the Agency's files and made available to the State and the Federal Government.

An audit shall be conducted by the WSDOT Internal Audit Office in accordance with generally accepted governmental auditing standards as issued by the United States General Accounting Office by the Comptroller General of the United States; WSDOT Manual M 27-50, Consultant Authorization, Selection, and Agreement Administration; memoranda of understanding between WSDOT and FHWA; and 2 CFR Part 200.501 - Audit Requirements.

If upon audit it is found that overpayment or participation of federal money in ineligible items of cost has occurred, the Agency shall reimburse the State for the amount of such overpayment or excess participation (see Section IX).

VIII. Single Audit Act

The Agency, as a subrecipient of federal funds, shall adhere to the federal regulations outlined in 2 CFR Part 200.501 as well as all applicable federal and state statutes and regulations. A subrecipient who expends \$750,000 or more in federal awards from all sources during a given fiscal year shall have a single or program-specific audit performed for that year in accordance with the provisions of 2 CFR Part 200.501. Upon conclusion of the audit, the Agency shall be responsible for ensuring that a copy of the report is transmitted promptly to the State.

IX. Payment of Billing

The Agency agrees that if payment or arrangement for payment of any of the State's billing relative to the project (e.g., State force work, project cancellation, overpayment, cost ineligible for federal participation, etc.) is not made to the State within 45 days after the Agency has been billed, the State shall effect reimbursement of the total sum due from the regular monthly fuel tax allotments to the Agency from the Motor Vehicle Fund. No additional Federal project funding will be approved until full payment is received unless otherwise directed by the Director, Local Programs.

Project Agreement End Date - This date is based on your projects Period of Performance (2 CFR Part 200.309).

Any costs incurred after the Project Agreement End Date are NOT eligible for federal reimbursement. All eligible costs incurred prior to the Project Agreement End Date must be submitted for reimbursement within 60 days after the Project Agreement End Date or they become ineligible for federal reimbursement.

X. Traffic Control, Signing, Marking, and Roadway Maintenance

The Agency will not permit any changes to be made in the provisions for parking regulations and traffic control on this project without prior approval of the State and Federal Highway Administration. The Agency will not install or permit to be installed any signs, signals, or markings not in conformance with the standards approved by the Federal Highway Administration and MUTCD. The Agency will, at its own expense, maintain the improvement covered by this agreement.

XI. Indemnity

The Agency shall hold the Federal Government and the State harmless from and shall process and defend at its own expense all claims, demands, or suits, whether at law or equity brought against the Agency, State, or Federal Government, arising from the Agency's execution, performance, or failure to perform any of the provisions of this agreement, or of any other agreement or contract connected with this agreement, or arising by reason of the participation of the State or Federal Government in the project, PROVIDED, nothing herein shall require the Agency to reimburse the State or the Federal Government for damages arising out of bodily injury to persons or damage to property caused by or resulting from the sole negligence of the Federal Government or the State.

XII. Nondiscrimination Provision

No liability shall attach to the State or Federal Government except as expressly provided herein.

The Agency shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any USDOT-assisted contract and/or agreement or in the administration of its DBE program or the requirements of 49 CFR Part 26. The Agency shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure nondiscrimination in the award and administration of USDOT-assisted contracts and agreements. The WSDOT's DBE program, as required by 49 CFR Part 26 and as approved by USDOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the Agency of its failure to carry out its approved program, the Department may impose sanctions as provided for under Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S. C. 3801 et seq.).

The Agency hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the rules and regulations of the Secretary of Labor in 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan, insurance, or guarantee or understanding pursuant to any federal program involving such grant, contract, loan, insurance, or guarantee, the required contract provisions for Federal-Aid Contracts (FHWA 1273), located in Chapter 44 of the Local Agency Guidelines.

The Agency further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the applicant so participating is a State or Local Government, the above equal opportunity clause is not applicable to any agency, instrumentality, or subdivision of such government which does not participate in work on or under the contract.

The Agency also agrees:

- (1) To assist and cooperate actively with the State in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and rules, regulations, and relevant orders of the Secretary of Labor.
- (2) To furnish the State such information as it may require for the supervision of such compliance and that it will otherwise assist the State in the discharge of its primary responsibility for securing compliance.
- (3) To refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, government contracts and federally assisted construction contracts pursuant to the Executive Order.
- (4) To carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the State, Federal Highway Administration, or the Secretary of Labor pursuant to Part II, subpart D of the Executive Order.

In addition, the Agency agrees that if it fails or refuses to comply with these undertakings, the State may take any or all of the following actions:

- (a) Cancel, terminate, or suspend this agreement in whole or in part;
- (b) Refrain from extending any further assistance to the Agency under the program with respect to which the failure or refusal occurred until satisfactory assurance of future compliance has been received from the Agency; and
- (c) Refer the case to the Department of Justice for appropriate legal proceedings.

XIII. Liquidated Damages

The Agency hereby agrees that the liquidated damages provisions of 23 CFR Part 635, Subpart 127, as supplemented, relative to the amount of Federal participation in the project cost, shall be applicable in the event the contractor fails to complete the contract within the contract time. Failure to include liquidated damages provision will not relieve the Agency from reduction of federal participation in accordance with this paragraph.

XIV. Termination for Public Convenience

The Secretary of the Washington State Department of Transportation may terminate the contract in whole, or from time to time in part, whenever:

- (1) The requisite federal funding becomes unavailable through failure of appropriation or otherwise.
- (2) The contractor is prevented from proceeding with the work as a direct result of an Executive Order of the President with respect to the prosecution of war or in the interest of national defense, or an Executive Order of the President or Governor of the State with respect to the preservation of energy resources.
- (3) The contractor is prevented from proceeding with the work by reason of a preliminary, special, or permanent restraining order of a court of competent jurisdiction where the issuance of such order is primarily caused by the acts or omissions of persons or agencies other than the contractor.
- (4) The Secretary is notified by the Federal Highway Administration that the project is inactive.
- (5) The Secretary determines that such termination is in the best interests of the State.

XV. Venue for Claims and/or Causes of Action

For the convenience of the parties to this contract, it is agreed that any claims and/or causes of action which the Local Agency has against the State of Washington, growing out of this contract or the project with which it is concerned, shall be brought only in the Superior Court for Thurston County.

XVI. Certification Regarding the Restrictions of the Use of Federal Funds for Lobbying

The approving authority certifies, to the best of his or her knowledge and belief, that:

- (1) No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any federal agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
- (2) If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any federal agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit the Standard Form - LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
- (3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subgrants, and contracts and subcontracts under grants, subgrants, loans, and cooperative agreements) which exceed \$100,000, and that all such subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification as a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

XVII. Assurances

Local agencies receiving Federal funding from the USDOT or its operating administrations (i.e., Federal Highway Administration, Federal Transit Administration, Federal Aviation Administration) are required to submit a written policy statement, signed by the Agency Executive and addressed to the State, documenting that all programs, activities, and services will be conducted in compliance with Section 504 and the Americans with Disabilities Act (ADA).

Additional Provisions

Instructions

1. **Agency Name and Billing Address** – Enter the Agency of primary interest which will become a party to the agreement.
2. **Project Number** – Leave blank. This number will be assigned by WSDOT.
3. **Agreement Number** – Leave blank. This number will be assigned by WSDOT.
4.
 - a. **Project Description** – Enter the project name, total length of the project (in miles), and a brief description of the termini. Data entered here must be consistent with the name, length, and termini noted in the STIP and Project Prospectus

Example: (Name) “Regal Road”, (Length) “1.2 miles”, (Termini) “Smith Road to Main Street”

- b. **Description of Work** – Enter a concise statement of the major items of work to be performed. Statement must be consistent with the description of work noted in the STIP and Project Prospectus.

Example: “Overlay Regal Road; install curb, gutter, and sidewalk; illumination; and traffic signal at the intersection of Regal Road and Dakota Avenue.”

- c. **Project Agreement End Date** – Enter your Project Agreement End Date. This date is based on your projects Period of Performance (2 CFR 200.309).

For Planning Only projects – WSDOT recommends agencies estimate the end of the project’s period of performance and add three years to determine the “Project Agreement End Date”.

For PE and RW – WSDOT recommends agencies estimate when the phase will be completed and add three years to determine the “Project Agreement End Date”.

For Construction – WSDOT recommends agencies estimate when construction will be completed and add three years to determine the “Project Agreement End Date”.

- d. **Proposed Advertisement Date** – At construction authorization only, enter the proposed project advertisement date.
 - e. **Claiming Indirect Cost Rate** – Check the Yes box if the agency will be claiming indirect costs on the project. For those projects claiming indirect costs, supporting documentation that clearly shows the indirect cost rate being utilized must be provided with the local agency agreement. Indirect cost rate approval by your cognizant agency or through your agency’s self-certification and supporting documentation is required to be available for review by FHWA, WSDOT and /or State Auditor. Check the No box if the agency will not be claiming indirect costs on the project. See section 23.5 for additional guidance.

5. Type of Work and Funding (Round all dollar amounts to the nearest whole dollar)

- a. **PE** – Lines a through d show Preliminary Engineering costs for the project by type of work (e.g., consultant, agency, state services, etc.).

*Federal aid participation ratio for PE – enter ratio for PE lines with amounts in column 3.

- **Line a** – Enter the estimated amount of agency work in columns 1 through 3.
 - **Line b & c** – Identify user, consultant, etc., and enter the estimated amounts in columns 1 through 3.
 - **Line d** – State Services. Every project must have funding for state services. Enter the estimated amounts in columns 1 through 3.
 - **Line e** – Total of lines a + b + c + d.
- b. **Right of Way** – If a Right of Way phase is authorized on the project, the appropriate costs are shown in lines f through i.

*Federal aid participation ratio for RW – enter ratio for RW lines with amounts in column 3.

- **Line f** – Enter the estimated amount of agency work in columns 1 through 3.
 - **Line g & h** – Identify user, consultant, etc., and enter the estimated amounts in columns 1 through 3.
 - **Line i** – State Services. Every project must have funding for state services. Enter the estimated amounts in columns 1 through 3.
 - **Line j** – Total of lines f + g + h + i.
- c. **Construction** – Lines k through p show construction costs for the project by type of work (e.g., contract, consultant, agency, state services, etc.).

*Federal aid participation ratio for CN – enter ratio for CN lines with amounts in column 3.

- **Line k** – Enter the estimated cost of the contract.
 - **Lines l, m, & n** – Enter other estimated costs such as utility and construction contracts or non-federally matched contract costs.
 - **Line o** – Enter estimated costs of all construction related agency work.
 - **Line p** – State Services. Every project must have funding for state services. Enter the estimated amounts in columns 1 through 3.
 - **Line q** – Total Construction Cost Estimate. Total of lines k + l + m + n + o + p.
- d. **Total Project Cost Estimate**

- **Line r** – Total Cost Estimate of the Project. Total of lines e + j + q.

*Please remember, if the federal aid participation rate entered is not the maximum rate allowed by FHWA, then the participation rate entered becomes the maximum rate allowed.

6. **Signatures** – An authorized official of the local agency signs the agreement, and writes in their title. **Note:** Do **NOT** enter a date on the Date Executed line.

7. **Method of Construction Financing** – Choose the method of financing for the construction portion of the project.
 - a. **Method “A”** is used when the state administers the contract for the agency.
 - b. **Method “B”** is also used when the state administers the contract for the agency.
 - c. **Method “C”** is used with projects administered by the local agency. The agency will submit billings monthly through the state to FHWA for all eligible costs. The billings must document the payment requests from the contractor. If state-force work, such as audit and construction engineering, is to receive federal participation, it will be billed to the agency and FHWA simultaneously at the indicated ratio. To show continuous progress agencies should bill monthly until agreement is closed.
8. **Resolutions/Ordinances** – When someone other than the County Executive/Chairman, County Commissioners/Mayor is authorized to sign the agreement, the agency must submit to WSDOT with the agreement a copy of the Resolution/Ordinance designating that individual.
9. **Parties to the Agreement** – Submit one originally signed agreement form to the Region Local Programs Engineer. It is the responsibility of the local agency to submit an additional, originally signed agreement form if they need an executed agreement for their files. The agreement is first executed by the agency official(s) authorized to enter into the agreement. It is then transmitted to the state for execution by Local Programs. The agreement is dated at the time of final execution by Local Programs.

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4E

SUBJECT:

Ordinance No. 5488 to amend Ordinance No. 5464 establishing the City of Bremerton's Fiscal Year 2023 Budget as amended by Ordinance No. 5477

Study Session Date:	<u>December 13, 2023</u>
COUNCIL MEETING Date:	<u>December 20, 2023</u>
Department:	<u>Finance</u>
Presenter:	<u>Karen Wikle</u>
Phone:	<u>(360) 473-5296</u>

SUMMARY: This is a year-end housekeeping action.

The Bremerton City Council adopted the 2023 Annual City Budget by Ordinance 5464 on November 16, 2022, and later amended the budget by Ordinance 5477 on June 21, 2023. In preparation for closing fiscal year 2023, it is necessary to do a final amendment to the budget to incorporate Council actions and other unforeseen items that have arisen after the last amendment. This amendment is necessary to provide adequate expenditure authority for various City funds and departments.

ATTACHMENTS:

- Ordinance No. 5488 amending the 2023 Fiscal Year Budget
- Exhibit A – 2023 All Funds Revenue & Expenditures
- Detailed supporting schedules by fund

FISCAL IMPACTS (Include Budgeted Amount): Overall 2023 budget will be \$252,185,541 (inclusive of fund balances).

STUDY SESSION AGENDA:

Limited Presentation Full Presentation

STUDY SESSION ACTION:

Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to approve Ordinance No. 5488 of the City Council of the City of Bremerton, Washington, amending Ordinance No. 5464 establishing the City of Bremerton's Fiscal Year 2023 budget as amended by Ordinance No. 5477.

COUNCIL ACTION: Approve Deny Table Continue No Action

ORDINANCE NO. 5488

AN ORDINANCE of the City Council of the City of Bremerton, Washington, amending Ordinance No. 5464 establishing the City of Bremerton’s Fiscal Year 2023 budget as amended by Ordinance No. 5477.

WHEREAS, the City Council passed the Fiscal Year 2023 City Budget Ordinance No. 5464 on November 16, 2022; and

WHEREAS, the City Council subsequently amended the Fiscal Year 2023 City Budget by Ordinance No. 5477 on June 21, 2023 to provide for certain programs and actions taken up to that point requiring amendment to the 2023 budget; and

WHEREAS, the City Council has previously amended the budget by various motions and resolutions subsequent to June 21, 2023 which require a formal amendment by ordinance; and

WHEREAS, several City Departments and Funds are experiencing or anticipate additional expenses due to factors such as costs related to provision of contracted services, changed allocations of staff time; and

WHEREAS, several City Departments and Funds require adjustment to revenues to reflect activity in 2023 or timing changes from that which was anticipated in the 2023 budget; and

WHEREAS, certain reclassifications of revenues and expenditures are required to properly reflect budget categories in a manner consistent with actuals in accordance with BMC 3.0.010; and

WHEREAS, each of these actions has an impact on the City of Bremerton’s FY 2023 Annual Budget resulting in the need to amend this Budget document; NOW THEREFORE,

THE CITY COUNCIL OF THE CITY OF BREMERTON, WASHINGTON, DOES HEREBY ORDAIN AS FOLLOWS:

SECTION 1. Ordinance No. 5464 establishing the City of Bremerton’s 2023 Budget as amended by Ordinance No. 5477 is hereby amended as follows:

- 1) regular revenues and unencumbered fund balances of \$252,185,541, the total for each fund as set forth in Exhibit A, attached hereto and incorporated herein by this reference, and
- 2) in accordance with BMC 3.02.010, expenditures and ending fund balances of \$252,185,541 as set forth in Exhibit A

SECTION 2. The totals for the funds noted in Exhibit A are hereby appropriated for the fiscal year 2023.

SECTION 3. Severability. If any one or more sections, subsections, or sentences of this Ordinance are held to be unconstitutional or invalid, such decision shall not affect the validity of the remaining portion of this Ordinance and the same shall remain in full force and effect.

SECTION 4. Effective Date. This ordinance shall take effect and be in force ten (10) days from and after its passage, approval and publication as provided by law.

PASSED by the City Council the _____ day of _____, 2023

JEFF COUGHLIN, Council President

Approved this _____ day of _____, 2023

GREG WHEELER, Mayor

ATTEST:

APPROVED AS TO FORM:

ANGELA HOOVER, City Clerk

KYLIE FINNELL, City Attorney

PUBLISHED the _____ day of _____, 2023

EFFECTIVE the _____ day of _____, 2023

ORDINANCE NO. _____

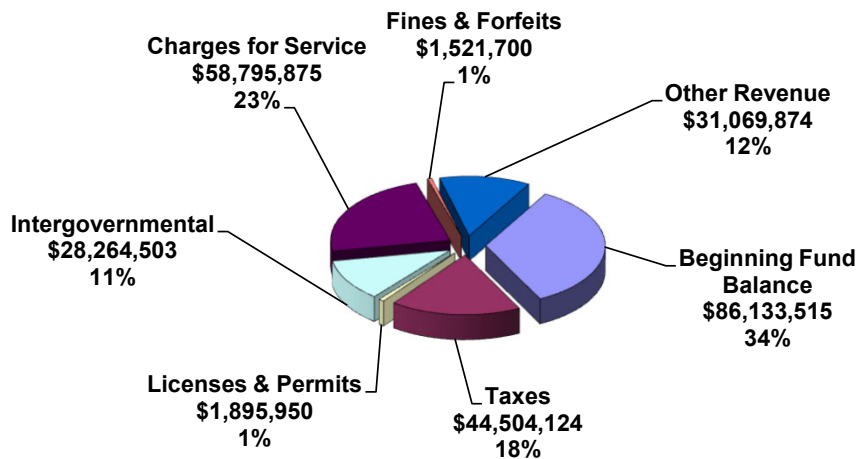
2023 REVENUE - ALL FUNDS

FUND	BEG FUND BAL.	TAXES	LIC. AND PERMITS	INTER- GOV'T REVENUE	CHARGES FOR SERVICE	FINES AND FORFEITS	OTHER REVENUE	2023 TOTAL BUDGET
General Fund								
General Government:								
City Council					159,766			159,766
Executive					193,119			193,119
Financial Services					819,979			819,979
Legal					691,418			691,418
Human Resources				37,035	316,121			353,156
Community Development		3,045,000	1,335,750	75,000	794,050	20,000		5,269,800
Municipal Court				375,848	174,300	268,000	5,275	823,423
City Auditor					52,071			52,071
Law Enforcement			6,000	856,108	158,600	1,000	177,460	1,199,168
Fire/Emergency Medical		2,160,000	1,200	691,125	670,200		24,130	3,546,655
Police & Fire Pension				91,356				91,356
General Facilities				399,640	179,054		1,062,360	1,641,054
Parks				18,000	167,000		100,870	285,870
Engineering			114,000		2,795,201			2,909,201
Non-Departmental		31,390,424	24,000	2,045,180	144,202	740,200	102,000	34,446,006
Beginning Fund Balance	16,702,811							16,702,811
Total General Fund	16,702,811	36,595,424	1,480,950	4,589,292	7,315,081	1,029,200	1,472,095	69,184,853
Special Revenue Funds:								
Street	309,114	800,000		825,000	85,000		1,866,722	3,885,836
Contingency Reserve	1,791,803						306,000	2,097,803
Lodging Tax	666,487	600,000					1,500	1,267,987
Parking System	520,150					400,500	1,496,178	2,416,828
Comm. Dev. Block Grant	152,635			620,000	10,000		95,500	878,135
Abatement Revolving Fund	580,468					50,000	100,500	730,968
Police Special Projects	742,904						2,500	745,404
Public Access Television	633,686		260,000		135,764		37,000	1,066,450
Gift & Donations Fund	252,016						3,370	255,386
Trial Improvement	114,245			171,275			600	286,120
One Percent for Arts	8,993						500	9,493
Conference Center Oper	157,332				1,079,557		450,700	1,687,589
Total Spec. Rev. Funds	5,929,832	1,400,000	260,000	1,616,275	1,310,321	450,500	4,361,070	15,327,998
Debt Service Fund:								
2010 UTGO	50,188	900,000					100	950,288
Government Center LTGO	85,792						334,500	420,292
2015 Public Safety Bond	182,603	550,000					500	733,103
2019 Refunding LTGO	122,283	330,000		3,000			146,000	601,283
Total Debt Service Fund	440,865	1,780,000	0	3,000	0	0	481,100	2,704,965
Capital Improvement Funds:								
General Govt Capital Improv.	7,960,823	3,000,000					25,000	10,985,823
Park Facilities Construction	343,031			385,379			913,182	1,641,592
Residential Street & Sidewalk Fund	0							0
Transportation Projects Fund	3,112,425	1,728,700	155,000	16,368,161			4,799,179	26,163,465
Fire Public Safety Capital	153,995							153,995
Affordable Housing Capital Fund	75,791						100,100	175,891
Total Capital Improv. Funds	11,646,065	4,728,700	155,000	16,753,540	0	0	5,837,461	39,120,766
Total General Gov't Funds	34,719,573	44,504,124	1,895,950	22,962,107	8,625,402	1,479,700	12,151,726	126,338,582

2023 REVENUE - ALL FUNDS

FUND	BEG FUND BAL.	TAXES	LIC. AND PERMITS	INTER-GOV'T REVENUE	CHARGES FOR SERVICE	FINES AND FORFEITS	OTHER REVENUE	2023 TOTAL BUDGET
Enterprise Funds:								
Water Utility	4,824,825				15,592,500	20,000	520,411	20,957,736
Water Capital	13,606,356						4,796,057	18,402,413
Wastewater Utility	4,708,460				17,893,000	15,000	17,800	22,634,260
Wastewater Capital	7,972,379						7,096,098	15,068,477
Stormwater Utility	1,198,254			175,000	5,636,000	7,000	80,500	7,096,754
Stormwater Capital	4,851,680			5,127,396			1,592,217	11,571,293
Utility Debt Reserve	1,712,238						6,100	1,718,338
Gold Mountain Golf Complex	1,953,069				5,936,798		21,000	7,910,867
Total Enterprise Funds	40,827,262	0	0	5,302,396	45,058,298	42,000	14,130,183	105,360,139
Internal Service Funds:								
Risk Management	1,736,654						2,614,465	4,351,119
Employment Security	307,717						34,000	341,717
Accumulated Leave Liability	948,903						655,000	1,603,903
ER&R Operations & Maint.	(49,756)				2,210,402		1,950	2,162,596
ER&R Equipment Reserve	6,342,021						1,482,550	7,824,571
Information Services	1,301,141				2,901,773			4,202,914
Total Internal Service Funds	10,586,681	0	0	0	5,112,175	0	4,787,965	20,486,821
Total Business Type Funds	51,413,942	0	0	5,302,396	50,170,473	42,000	18,918,148	125,846,959
Total All Funds	86,133,515	44,504,124	1,895,950	28,264,503	58,795,875	1,521,700	31,069,874	252,185,541

Revenue Sources - All Funds



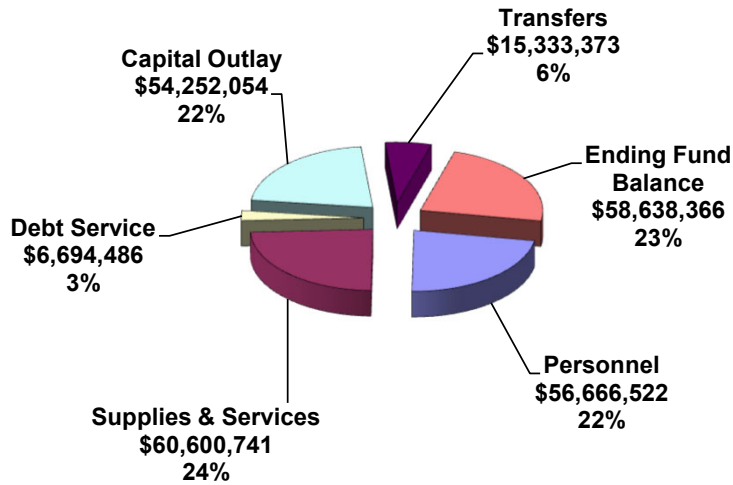
2023 EXPENDITURES - ALL FUNDS

FUND	PERSONNEL	SUPPLIES & SERVICES	DEBT SERVICE	CAPITAL OUTLAY	TRANSFERS	ENDING FUND BAL.	2023 TOTAL BUDGET
General Fund							
<u>General Government:</u>							
City Council	376,600	80,717					457,317
Executive	453,500	76,320					529,820
Financial Services	1,351,000	355,300					1,706,300
Legal Department	1,624,200	304,385					1,928,585
Human Resources	540,600	326,672					867,272
Community Development	2,179,600	997,944			94,000		3,271,544
Municipal Court	1,153,100	844,993					1,998,093
City Auditor	135,000	7,856					142,856
Law Enforcement	12,343,000	2,878,596		50,000			15,271,596
Fire/Emergency Medical	12,189,000	1,570,573		24,130			13,783,703
Police & Fire Pension	1,307,500	437,000					1,744,500
General Facilities	532,800	1,053,346		1,059,952			2,646,098
General Parks	2,529,600	1,013,103					3,542,703
Engineering	3,680,940	432,802					4,113,742
Non-Departmental		5,020,991			2,173,722		7,194,713
Ending Fund Balance						9,986,013	9,986,013
Total General Fund	40,396,440	15,400,596	0	1,134,082	2,267,722	9,986,013	69,184,853
<u>Special Revenue Funds:</u>							
Street	1,508,030	2,248,693				129,113	3,885,836
Contingency Reserve						2,097,803	2,097,803
Lodging Tax		350,000			250,000	667,987	1,267,987
Parking System	1,275	1,310,178	597,658	176,000	70,000	261,717	2,416,828
Comm. Dev. Block Grant	161,700	429,116			132,000	155,319	878,135
Abatement Revolving Fund		215,100				515,868	730,968
Police Special Projects		6,804				738,600	745,404
Public Access Television	424,700	106,832		96,000		438,918	1,066,450
Gift & Donations Fund		2,500			169,870	83,016	255,386
Trial Improvement		46,170		187,200		52,750	286,120
One Percent for Arts		9,000				493	9,493
Conference Center Oper		1,615,861	28,092	35,000		8,636	1,687,589
Total Spec. Rev. Funds	2,095,705	6,340,254	625,750	494,200	621,870	5,150,219	15,327,998
<u>Debt Service Fund:</u>							
2010 UTGO			859,025			91,263	950,288
Government Center LTGO			332,763			87,529	420,292
2015 Public Safety Bond			500,600			232,503	733,103
2019 Refunding LTGO			536,266			65,017	601,283
Total Debt Service Fund	0	0	2,228,654	0	0	476,312	2,704,965
<u>Capital Improvement Funds:</u>							
General Govt Capital Improv.					6,047,921	4,937,902	10,985,823
Park Facilities Construction				552,927		1,088,665	1,641,592
Residential Street & Sidewalk Fund						0	0
Transportation Projects Fund		2,489,983		21,741,299	490,000	1,442,183	26,163,465
Fire Public Safety Capital		153,995				(0)	153,995
Affordable Housing Capital Fund		100,000				75,891	175,891
Total Capital Improv. Funds	0	2,743,978	0	22,294,226	6,537,921	7,544,641	39,120,766
Total General Gov't Funds	42,492,145	24,484,828	2,854,404	23,922,508	9,427,513	23,157,185	126,338,582

2023 EXPENDITURES - ALL FUNDS

FUND	PERSONNEL	SUPPLIES & SERVICES	DEBT SERVICE	CAPITAL OUTLAY	TRANSFERS	ENDING FUND BAL.	2023 TOTAL BUDGET
Enterprise Funds:							
Water Utility	5,104,325	8,220,811	694,919		2,825,000	4,112,681	20,957,736
Water Capital		1,697,021		10,113,662		6,591,730	18,402,413
Wastewater Utility	3,909,477	10,285,729	2,003,911		2,875,000	3,560,143	22,634,260
Wastewater Capital		980,000		7,042,146	60,000	6,986,331	15,068,477
Stormwater Utility	1,949,275	3,281,080	707,662			1,158,737	7,096,754
Stormwater Capital		275,000		7,079,789		4,216,504	11,571,293
Utility Debt Reserve						1,718,338	1,718,338
Gold Mountain Golf Complex	11,300	5,157,134	433,590			2,308,843	7,910,867
Total Enterprise Funds	10,974,377	29,896,775	3,840,082	24,235,597	5,760,000	30,653,308	105,360,139
Internal Service Funds:							
Risk Management	775,000	3,030,967				545,152	4,351,119
Employment Security	60,000					281,717	341,717
Accumulated Leave Liability	500,000					1,103,903	1,603,903
ER&R Operations & Maint	621,800	1,586,127		18,000		(63,331)	2,162,596
ER&R Equipment Reserves		7,748		6,075,949		1,740,874	7,824,571
Information Services	1,243,200	1,594,296			145,860	1,219,558	4,202,914
Total Internal Service Funds	3,200,000	6,219,138	0	6,093,949	145,860	4,827,874	20,486,821
Total Business Type Funds	14,174,377	36,115,913	3,840,082	30,329,546	5,905,860	35,481,182	125,846,959
Total All Funds	56,666,522	60,600,741	6,694,486	54,252,054	15,333,373	58,638,366	252,185,541

Expenditures - All Funds



CITY OF BREMERTON

2023 SUMMARY NET ADJUSTMENTS
ALL FUNDS
For the Year Ended December 31, 2023

Fund No.		2023 Amended Budget as Adopted by Ord No. 5464	Net Adjustments	Proposed Year-End 2023 Budget
001	General Fund			
	City Council	\$ 457,317	\$ -	\$ 457,317
	Executive	529,820	-	529,820
	Financial Services	1,706,300	-	1,706,300
	Legal	1,928,585	-	1,928,585
	Human Resources	867,272	-	867,272
	Community Development	3,271,544	-	3,271,544
	Municipal Court	1,998,093	-	1,998,093
	City Auditor	142,856	-	142,856
	Law Enforcement	15,271,596	-	15,271,596
	Fire/Emergency Services	13,759,573	24,130	13,783,703
	Police/Fire Pension	1,744,500	-	1,744,500
	General Facilities	2,437,646	208,452	2,646,098
	Parks & Recreation	3,542,703	-	3,542,703
	Engineering	4,113,742	-	4,113,742
	Non-Department	7,194,713	-	7,194,713
	Ending Fund Balance	9,972,785	13,228	9,986,013
	Total General Fund	\$ 68,939,043	\$ 245,810	\$ 69,184,853
102	Street	3,820,859	64,977	3,885,836
103	Contingency Reserve	2,097,803	-	2,097,803
104	Lodging Tax	1,267,987	-	1,267,987
105	Parking System	2,442,501	(25,673)	2,416,828
106	Community Dev. Block Grant	878,135	-	878,135
108	Abatement Revolving	730,968	-	730,968
110	Police Special Projects	745,404	-	745,404
113	Public Access Television	1,066,892	(442)	1,066,450
114	Gift & Donation Fund	255,386	-	255,386
116	Trial Improvement	286,120	-	286,120
117	One Percent For Arts	9,493	-	9,493
120	Conference Center Operating	1,874,511	(186,922)	1,687,589
203	2010 LTGO	-	-	-
204	2010 UTGO/LTGO (B)	951,667	(1,379)	950,288
205	Government Center LTGO	420,292	-	420,292
206	2015 Public Safety Bond	733,952	(849)	733,103
207	2019 Refunding LTGO	601,283	-	601,283
308	General Gov't Capital Improvement	10,985,823	-	10,985,823
310	Park Facilities Construction	1,613,504	28,089	1,641,593
314	Residential Street Capital	-	-	-
315	Transportation Capital Projects	26,039,628	123,837	26,163,465
316	Fire Public Safety	153,995	-	153,995
318	Affordable Housing	175,891	-	175,891
401	Water Utility	21,080,053	(122,317)	20,957,736
404	Water Capital	18,417,775	(15,362)	18,402,413
407	Golf Mountain Golf	8,179,881	(269,014)	7,910,867
451	Wastewater Utility	22,511,943	122,317	22,634,260
454	Wastewater Capital	14,877,974	190,503	15,068,477
481	Stormwater Utility	7,096,754	-	7,096,754
484	Stormwater Capital	11,761,829	(190,536)	11,571,293
499	Utility Debt Reserve	1,718,338	-	1,718,338
503	Risk Management	4,451,119	(100,000)	4,351,119
506	Employment Security	341,717	-	341,717
507	Accumulated Leave Liability	1,603,903	-	1,603,903
509	ER&R - Operations & Maintenance	2,162,596	-	2,162,596
510	ER&R - Reserves	8,033,902	(209,331)	7,824,571
511	Information Services	4,202,914	-	4,202,914
	Total All funds	\$ 252,531,834	\$ (346,293)	\$ 252,185,541

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

GENERAL FUND

For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ 11,296,600	\$ 11,296,600	\$ -
Retail Sales	11,990,000	11,990,000	-
Other	13,308,824	13,308,824	-
Licenses and Permits	1,480,950	1,480,950	-
Intergovernmental	4,589,292	4,589,292	-
Charges for Services	7,315,081	7,315,081	-
Fines and Forfeitures	1,029,200	1,029,200	-
Miscellaneous	671,375	671,375	-
Transfers In & Other Financing	550,730	800,720	249,990
Total Revenues	<u>52,232,052</u>	<u>52,482,042</u>	<u>249,990</u>
EXPENDITURES			
Personnel Expenses	40,396,440	40,396,440	-
Supplies, Services, and Taxes	15,536,096	15,424,726	(111,370)
Capital Expenditures	766,000	1,109,952	343,952
Debt Service	-	-	-
Transfers Out	2,267,722	2,267,722	-
Total Expenditures	<u>58,966,258</u>	<u>59,198,840</u>	<u>232,582</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(6,734,206)	(6,716,798)	17,408
Fund Balances-beginning	16,706,991	16,702,811	(4,180)
Fund Balances-ending	<u>\$ 9,972,785</u>	<u>\$ 9,986,013</u>	<u>\$ 13,228</u>
GENERAL FUND EXPENDITURES BY DEPARTMENT			
City Council	\$ 457,317	457,317	\$ -
Executive	529,820	529,820	-
Financial Services	1,706,300	1,706,300	-
Legal Department	1,928,585	1,928,585	-
Human Resources	867,272	867,272	-
Community Development	3,271,544	3,271,544	-
Municipal Court	1,998,093	1,998,093	-
City Auditor	142,856	142,856	-
Police Department	15,271,596	15,271,596	-
Fire Department	13,759,573	13,783,703	24,130
Police & Fire Pension	1,744,500	1,744,500	-
General Facilities	2,437,646	2,646,098	208,452
Parks & Recreation	3,542,703	3,542,703	-
Engineering	4,113,742	4,113,742	-
Non-Departmental	7,194,713	7,194,713	-
Total Expenditures	<u>\$ 58,966,258</u>	<u>\$ 59,198,840</u>	<u>\$ 232,582</u>

Per the City's Financial Goals and Policies, the target ending fund balance is 8.5% of annual expenditures excluding capital. The target fund balance for the 2023 budget, as amended, is \$4,937,555. The actual ending fund balance after the proposed amendments is \$9,986,013 or 17% of annual expenditures, which is higher than the target amount by \$302,595.

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

GENERAL FUND

For the Year Ended December 31, 2023

Budget Adjustments:

Items Previously Approved by Council or Finance Committee

Revenue - Addition Transfers In in Fire from Fire Capital Fund	24,130
Expenditure - Increase in Supplies, Services in Fire for Boat Pump Replacement	(24,130)
Revenue - Addition Transfers In in Facilities from REET	225,860
Expenditure - Increase in Capital in Facilities for Library HVAC	(293,952)
Expenditure - Decrease Supplies, Services in Facilities for Library HVAC	85,500

New Items Not Previously Approved by Council

Expenditure - Increase in Capital in Police for 3D Laser Scanner	(50,000)
Expenditure - Decrease Supplies, Services in Police for 3D Laser Scanner	50,000

Net adjustment to ending fund balance required \$ 17,408

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
STREET FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	800,000	800,000	-
Licenses and Permits	-	-	-
Intergovernmental (fuel tax)	825,000	825,000	-
Charges for Services	85,000	85,000	-
Fines and Forfeitures	-	-	-
Miscellaneous	17,000	17,000	-
Transfers in & Other Revenue	1,779,722	1,849,722	70,000
Total Revenues	<u>3,506,722</u>	<u>3,576,722</u>	<u>70,000</u>
EXPENDITURES			
Personnel Expenses	1,563,030	1,563,030	-
Supplies, Services, and Taxes	2,123,693	2,193,693	70,000
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>3,686,723</u>	<u>3,756,723</u>	<u>70,000</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(180,001)	(180,001)	-
Fund Balances-beginning	314,137	309,114	(5,023)
Fund Balances-ending	<u>\$ 134,136</u>	<u>\$ 129,113</u>	<u>\$ (5,023)</u>

Budget Adjustments:

Items Previously Approved by Council

Revenue - Addition Transfers In from REET	70,000
Expenditure - Increase in Supplies, Services for LED Streetlights project	(70,000)

New Items Not Previously Approved by Council

-

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
CONTINGENCY RESERVE FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	5,000	5,000	-
Transfers-in & Other Revenue	301,000	301,000	-
Total Revenues	<u>306,000</u>	<u>306,000</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>-</u>	<u>-</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	306,000	306,000	-
Fund Balances-beginning	1,791,803	1,791,803	-
Fund Balances-ending	<u>\$ 2,097,803</u>	<u>\$ 2,097,803</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

LODGING TAX FUND

For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other (hotel/motel tax)	600,000	600,000	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	1,500	1,500	-
Transfers in	-	-	-
Total Revenues	<u>601,500</u>	<u>601,500</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	350,000	350,000	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	250,000	250,000	-
Total Expenditures	<u>600,000</u>	<u>600,000</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	1,500	1,500	-
Fund Balances-beginning	666,487	666,487	-
Fund Balances-ending	<u>\$ 667,987</u>	<u>\$ 667,987</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
PARKING SYSTEM FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	400,500	400,500	-
Miscellaneous	1,492,178	1,492,178	-
Transfers in & Other Revenue	4,000	4,000	-
Total Revenues	<u>1,896,678</u>	<u>1,896,678</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	1,275	1,275	-
Supplies, Services, and Taxes	1,310,178	1,310,178	-
Capital Expenditures	176,000	176,000	-
Debt Service	597,658	597,658	-
Transfers Out	70,000	70,000	-
Total Expenditures	<u>2,155,111</u>	<u>2,155,111</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(258,433)	(258,433)	-
Fund Balances-beginning	545,823	520,150	(25,673)
Fund Balances-ending	<u>\$ 287,390</u>	<u>\$ 261,717</u>	<u>\$ (25,673)</u>

Budget Adjustments:

New Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
COMMUNITY DEVELOPMENT BLOCK GRANT
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	620,000	620,000	-
Charges for Services	10,000	10,000	-
Fines and Forfeitures	-	-	-
Miscellaneous	1,500	1,500	-
Transfers in	94,000	94,000	-
Total Revenues	<u>725,500</u>	<u>725,500</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	161,700	161,700	-
Supplies, Services, and Taxes	429,116	429,116	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	132,000	132,000	-
Total Expenditures	<u>722,816</u>	<u>722,816</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	2,684	2,684	-
Fund Balances-beginning	152,635	152,635	-
Fund Balances-ending	<u>\$ 155,319</u>	<u>\$ 155,319</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

Items Not Previously Approved by Council

Net adjustment required to the ending fund balance

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
ABATEMENT REVOLVING FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	50,000	50,000	-
Miscellaneous	500	500	-
Transfers in	100,000	100,000	-
Total Revenues	<u>150,500</u>	<u>150,500</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	215,100	215,100	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>215,100</u>	<u>215,100</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(64,600)	(64,600)	-
Fund Balances-beginning	580,468	580,468	-
Fund Balances-ending	<u>\$ 515,868</u>	<u>\$ 515,868</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
POLICE SPECIAL PROJECTS FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	2,500	2,500	-
Transfers in	-	-	-
Total Revenues	<u>2,500</u>	<u>2,500</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	6,804	6,804	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>6,804</u>	<u>6,804</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(4,304)	(4,304)	-
Fund Balances-beginning	742,904	742,904	-
Fund Balances-ending	<u>\$ 738,600</u>	<u>\$ 738,600</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 PUBLIC ACCESS TELEVISION OPERATIONS FUND
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u>2023</u>	<u>2023</u>	<u>2023</u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other (city PEG fees)	-	-	-
Licenses and Permits	260,000	260,000	-
Intergovernmental	-	-	-
Charges for Services	135,764	135,764	-
Fines and Forfeitures	-	-	-
Miscellaneous	37,000	37,000	-
Transfers in & Other	-	-	-
Total Revenues	<u>432,764</u>	<u>432,764</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	424,700	424,700	-
Supplies, Services, and Taxes	106,832	106,832	-
Capital Expenditures	96,000	96,000	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>627,532</u>	<u>627,532</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(194,768)	(194,768)	-
Fund Balances-beginning	634,128	633,686	(442)
Fund Balances-ending	<u>\$ 439,360</u>	<u>\$ 438,918</u>	<u>\$ (442)</u>

Budget Adjustments:

Items Previously Approved by Council

Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
GIFT AND DONATION FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	3,370	3,370	-
Transfers in	-	-	-
Total Revenues	<u>3,370</u>	<u>3,370</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	2,500	2,500	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	169,870	169,870	-
Total Expenditures	<u>172,370</u>	<u>172,370</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(169,000)	(169,000)	-
Fund Balances-beginning	252,016	252,016	-
Fund Balances-ending	<u>\$ 83,016</u>	<u>\$ 83,016</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
TRIAL IMPROVEMENT FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	171,275	171,275	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	600	600	-
Transfers in	-	-	-
Total Revenues	<u>171,875</u>	<u>171,875</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	200,000	46,170	(153,830)
Capital Expenditures	-	187,200	187,200
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>200,000</u>	<u>233,370</u>	<u>33,370</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(28,125)	(61,495)	(33,370)
Fund Balances-beginning	114,245	114,245	-
Fund Balances-ending	<u>\$ 86,120</u>	<u>\$ 52,750</u>	<u>\$ (33,370)</u>

Budget Adjustments:

Items Previously Approved by Council

Expenditure - Increase in Capital in for Audio-Visual Equipment	(187,200)
Expenditure - Decrease Supplies, Services for Audio-Visual Equipment	153,830

Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$ (33,370)

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 ONE PERCENT FOR ARTS FUND
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u> </u>	<u> </u>	<u> </u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	500	500	-
Transfers in	-	-	-
Total Revenues	<u>500</u>	<u>500</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	9,000	9,000	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>9,000</u>	<u>9,000</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(8,500)	(8,500)	-
Fund Balances-beginning	8,993	8,993	-
Fund Balances-ending	<u>\$ 493</u>	<u>\$ 493</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
CONFERENCE CENTER OPERATIONS
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	1,079,557	1,079,557	-
Fines and Forfeitures	-	-	-
Miscellaneous	700	700	-
Transfers In & Other Revenue	450,000	450,000	-
Total Revenues	<u>1,530,257</u>	<u>1,530,257</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	1,615,861	1,615,861	-
Capital Expenditures	35,000	35,000	-
Debt Service	28,092	28,092	-
Transfers Out	-	-	-
Total Expenditures	<u>1,678,953</u>	<u>1,678,953</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(148,696)	(148,696)	-
Fund Balances-beginning	344,254	157,332	(186,922)
Fund Balances-ending	<u>\$ 195,558</u>	<u>\$ 8,636</u>	<u>\$ (186,922)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment required to the ending fund balance

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 2010 UTGO/LTGO (B)
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u> </u>	<u> </u>	<u> </u>
REVENUES			
Taxes			
Property	\$ 900,000	\$ 900,000	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	100	100	-
Transfers in	-	-	-
Total Revenues	<u>900,100</u>	<u>900,100</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	859,025	859,025	-
Transfers Out	-	-	-
Total Expenditures	<u>859,025</u>	<u>859,025</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	41,075	41,075	-
Fund Balances-beginning	51,567	50,188	(1,379)
Fund Balances-ending	<u>\$ 92,642</u>	<u>\$ 91,263</u>	<u>\$ (1,379)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 GOVERNMENT CENTER LTGO
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u> </u>	<u> </u>	<u> </u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	1,500	1,500	-
Transfers in & Other Revenue	333,000	333,000	-
Total Revenues	<u>334,500</u>	<u>334,500</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	332,763	332,763	-
Transfers Out	-	-	-
Total Expenditures	<u>332,763</u>	<u>332,763</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	1,737	1,737	-
Fund Balances-beginning	85,792	85,792	-
Fund Balances-ending	<u>\$ 87,529</u>	<u>\$ 87,529</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

2015 PUBLIC SAFETY BOND FUND

For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ 550,000	\$ 550,000	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	500	500	-
Transfers in & Other Revenue	-	-	-
Total Revenues	<u>550,500</u>	<u>550,500</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	500,600	500,600	-
Transfers Out	-	-	-
Total Expenditures	<u>500,600</u>	<u>500,600</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	49,900	49,900	-
Fund Balances-beginning	183,452	182,603	(849)
Fund Balances-ending	<u>\$ 233,352</u>	<u>\$ 232,503</u>	<u>\$ (849)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$
 -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 2019 REFUNDING LTGO
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u>2023</u>	<u>2023</u>	<u>2023</u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	330,000	330,000	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	3,000	3,000	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	1,000	1,000	-
Transfers in & Other Revenue	<u>145,000</u>	<u>145,000</u>	<u>-</u>
Total Revenues	<u>479,000</u>	<u>479,000</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	536,266	536,266	-
Transfers Out	<u>-</u>	<u>-</u>	<u>-</u>
Total Expenditures	<u>536,266</u>	<u>536,266</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(57,266)	(57,266)	-
Fund Balances-beginning	<u>122,283</u>	<u>122,283</u>	<u>-</u>
Fund Balances-ending	<u>\$ 65,017</u>	<u>\$ 65,017</u>	<u>\$ -</u>

Budget Adjustments:

New Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
GENERAL GOVERNMENT CAPITAL IMPROVEMENT FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other (Real Estate Excise Taxes)	3,000,000	3,000,000	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	25,000	25,000	-
Transfers in & Other Revenue	-	-	-
Total Revenues	<u>3,025,000</u>	<u>3,025,000</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	5,724,179	6,047,921	323,742
Total Expenditures	<u>5,724,179</u>	<u>6,047,921</u>	<u>323,742</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(2,699,179)	(3,022,921)	(323,742)
Fund Balances-beginning	7,960,823	7,960,823	-
Fund Balances-ending	<u>\$ 5,261,644</u>	<u>\$ 4,937,902</u>	<u>\$ (323,742)</u>

Budget Adjustments:

Items Previously Approved by Council

Expenditure - Addition in Transfers Out to General Fund-Facilities	(225,860)
Expenditure - Addition in Transfers Out to Streets Fund	(70,000)
Expenditure - Addition in Transfers Out to Parks Capital Improvement	(27,882)

Items Previously Approved by Council

Net adjustment required to the ending fund balance \$ (323,742)

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
PARK FACILITIES CONSTRUCTION FUND
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	385,379	385,379	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	23,300	23,300	-
Transfers in & Other Revenue	862,000	889,882	27,882
Total Revenues	<u>1,270,679</u>	<u>1,298,561</u>	<u>27,882</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	525,045	552,927	27,882
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>525,045</u>	<u>552,927</u>	<u>27,882</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	745,634	745,634	-
Fund Balances-beginning	342,825	343,031	206
Fund Balances-ending	<u>\$ 1,088,459</u>	<u>\$ 1,088,666</u>	<u>\$ 206</u>

Budget Adjustments:

	<u>Items Previously Approved by Council</u>	
Revenue - Addition Transfers In from REET		27,882
Expenditure - Increase Capital for Kitsap Lake Reno Project		(27,882)

Items Not Previously Approved by Council

Net adjustment required to the ending fund balance \$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
TRANSPORTATION CAPITAL PROJECTS
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	1,728,700	1,728,700	-
Licenses and Permits	155,000	155,000	-
Intergovernmental	16,368,161	16,368,161	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	85,000	85,000	-
Transfers in	4,714,179	4,714,179	-
Total Revenues	<u>23,051,040</u>	<u>23,051,040</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	2,489,983	2,489,983	-
Capital Expenditures	21,741,299	21,741,299	-
Debt Service	-	-	-
Transfers Out	490,000	490,000	-
Total Expenditures	<u>24,721,282</u>	<u>24,721,282</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(1,670,242)	(1,670,242)	-
Fund Balances-beginning	2,988,588	3,112,425	123,837
Fund Balances-ending	<u>\$ 1,318,346</u>	<u>\$ 1,442,183</u>	<u>\$ 123,837</u>

Budget Adjustments:

Items Previously Approved by Council

Items Not Previously Approved by Council

Net adjustment required to the ending fund balance

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 FIRE PUBLIC SAFETY CAPITAL
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u> </u>	<u> </u>	<u> </u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	-	-	-
Transfers in & Other Revenue	-	-	-
Total Revenues	<u>-</u>	<u>-</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	153,995	129,865	(24,130)
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	24,130	24,130
Total Expenditures	<u>153,995</u>	<u>153,995</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in fund balances	(153,995)	(153,995)	-
Fund Balances-beginning	153,995	153,995	-
Fund Balances-ending	<u>\$ 0</u>	<u>\$ 0</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

Expenditure - Addition in Transfers Out to General Fund-Fire	(24,130)
Expenditure - Reduction in Supplies, Services	24,130

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$
-

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 AFFORDABLE HOUSING CAPITAL FUND
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u> </u>	<u> </u>	<u> </u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	100	100	-
Transfers in	100,000	100,000	-
Total Revenues	<u>100,100</u>	<u>100,100</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	100,000	100,000	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>100,000</u>	<u>100,000</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	100	100	-
Fund Balances-beginning working capital	75,791	75,791	-
Fund Balances-ending working capital	<u>\$ 75,891</u>	<u>\$ 75,891</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$

-

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

WATER UTILITY

For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	15,592,500	15,592,500	-
Fines and Forfeitures	20,000	20,000	-
Miscellaneous	519,411	519,411	-
Transfers in & Other Revenue	1,000	1,000	-
Total Revenues	<u>16,132,911</u>	<u>16,132,911</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	5,104,325	5,104,325	-
Supplies, Services, and Taxes	8,220,811	8,220,811	-
Capital Expenditures	-	-	-
Debt Service	694,919	694,919	-
Transfers Out	2,825,000	2,825,000	-
Total Expenditures	<u>16,845,055</u>	<u>16,845,055</u>	<u>-</u>
CHANGES IN WORKING CAPITAL BALANCE			
Net change in working capital	(712,144)	(712,144)	-
Fund Balances-beginning working capital	4,947,142	4,824,825	(122,317)
Fund Balances-ending working capital	<u>\$ 4,234,998</u>	<u>\$ 4,112,681</u>	<u>\$ (122,317)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$
-

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

WATER CAPITAL

For the Year Ended December 31, 2023

	Amended Mid-Year Budget <u>2023</u>	Proposed Year-End Budget <u>2023</u>	Adj Required From The Amended Budget <u>2023</u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	75,600	75,600	-
Transfers in & Other Revenue	<u>4,720,457</u>	<u>4,720,457</u>	-
Total Revenues	<u>4,796,057</u>	<u>4,796,057</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	1,697,021	1,697,021	-
Capital Expenditures	10,113,662	10,113,662	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>11,810,683</u>	<u>11,810,683</u>	<u>-</u>
CHANGES IN WORKING CAPITAL BALANCE			
Net change in working capital	(7,014,626)	(7,014,626)	-
Fund Balances-beginning working capital	<u>13,621,718</u>	<u>13,606,356</u>	<u>(15,362)</u>
Fund Balances-ending working capital	<u>\$ 6,607,092</u>	<u>\$ 6,591,730</u>	<u>\$ (15,362)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment required to the ending fund balance

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 WASTEWATER UTILITY
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u>2023</u>	<u>2023</u>	<u>2023</u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	17,893,000	17,893,000	-
Fines and Forfeitures	15,000	15,000	-
Miscellaneous	17,800	17,800	-
Transfers in & Other Revenue	-	-	-
Total Revenues	<u>17,925,800</u>	<u>17,925,800</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	3,909,477	3,909,477	-
Supplies, Services, and Taxes	10,285,729	10,285,729	-
Capital Expenditures	-	-	-
Debt Service	2,003,911	2,003,911	-
Transfers Out	2,875,000	2,875,000	-
Total Expenditures	<u>19,074,117</u>	<u>19,074,117</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(1,148,317)	(1,148,317)	-
Fund Balances-beginning working capital	4,586,143	4,708,460	122,317
Fund Balances-ending working capital	<u>\$ 3,437,826</u>	<u>\$ 3,560,143</u>	<u>\$ 122,317</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$

 -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

WASTEWATER CAPITAL

For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	15,600	15,600	-
Transfers in & Other Revenue	7,080,498	7,080,498	-
Total Revenues	<u>7,096,098</u>	<u>7,096,098</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	980,000	980,000	-
Capital Expenditures	7,042,146	7,042,146	-
Debt Service	-	-	-
Transfers Out	60,000	60,000	-
Total Expenditures	<u>8,082,146</u>	<u>8,082,146</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(986,048)	(986,048)	-
Fund Balances-beginning working capital	7,781,876	7,972,379	190,503
Fund Balances-ending working capital	<u>\$ 6,795,828</u>	<u>\$ 6,986,331</u>	<u>\$ 190,503</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 STORMWATER UTILITY
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	175,000	175,000	-
Charges for Services	5,636,000	5,636,000	-
Fines and Forfeitures	7,000	7,000	-
Miscellaneous	5,500	5,500	-
Transfers in & Other Revenue	75,000	75,000	-
Total Revenues	<u>5,898,500</u>	<u>5,898,500</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	1,949,275	1,949,275	-
Supplies, Services, and Taxes	3,281,080	3,281,080	-
Capital Expenditures	-	-	-
Debt Service	707,662	707,662	-
Transfers Out	-	-	-
Total Expenditures	<u>5,938,017</u>	<u>5,938,017</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(39,517)	(39,517)	-
Fund Balances-beginning working capital	1,198,254	1,198,254	-
Fund Balances-ending working capital	<u>\$ 1,158,737</u>	<u>\$ 1,158,737</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 STORMWATER CAPITAL
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	5,127,396	5,127,396	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	50,000	50,000	-
Transfers in & Other Revenue	1,542,217	1,542,217	-
Total Revenues	<u>6,719,613</u>	<u>6,719,613</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	275,000	275,000	-
Capital Expenditures	7,079,789	7,079,789	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>7,354,789</u>	<u>7,354,789</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(635,176)	(635,176)	-
Fund Balances-beginning working capital	5,042,216	4,851,680	(190,536)
Fund Balances-ending working capital	<u>\$ 4,407,040</u>	<u>\$ 4,216,504</u>	<u>\$ (190,536)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE

UTILITY DEBT RESERVE

For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	6,100	6,100	-
Transfers in and other	-	-	-
Total Revenues	<u>6,100</u>	<u>6,100</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>-</u>	<u>-</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	6,100	6,100	-
Fund Balances-beginning working capital	1,712,238	1,712,238	-
Fund Balances-ending working capital	\$ <u>1,718,338</u>	\$ <u>1,718,338</u>	\$ <u>-</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 GOLD MOUNTAIN GOLF COMPLEX
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	5,936,798	5,936,798	-
Fines and Forfeitures	-	-	-
Miscellaneous	21,000	21,000	-
Transfers in	-	-	-
Total Revenues	<u>5,957,798</u>	<u>5,957,798</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	11,300	11,300	-
Supplies, Services, and Taxes	5,157,134	5,157,134	-
Capital Expenditures	-	-	-
Debt Service	433,590	433,590	-
Transfers Out	-	-	-
Total Expenditures	<u>5,602,024</u>	<u>5,602,024</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	355,774	355,774	-
Fund Balances-beginning working capital	2,222,083	1,953,069	(269,014)
Fund Balances-ending working capital	<u>\$ 2,577,857</u>	<u>\$ 2,308,843</u>	<u>\$ (269,014)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 RISK MANAGEMENT INTERNAL SERVICE FUND
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	2,614,465	2,614,465	-
Transfers in	-	-	-
Total Revenues	<u>2,614,465</u>	<u>2,614,465</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	775,000	775,000	-
Supplies, Services, and Taxes	3,030,967	3,030,967	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>3,805,967</u>	<u>3,805,967</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(1,191,502)	(1,191,502)	-
Fund Balances-beginning working capital	1,836,654	1,736,654	(100,000)
Fund Balances-ending working capital	<u>\$ 645,152</u>	<u>\$ 545,152</u>	<u>\$ (100,000)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 EMPLOYMENT SECURITY
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u> </u>	<u> </u>	<u> </u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	34,000	34,000	-
Transfers in	-	-	-
Total Revenues	<u>34,000</u>	<u>34,000</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	60,000	60,000	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>60,000</u>	<u>60,000</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(26,000)	(26,000)	-
Fund Balances-beginning working capital	307,717	307,717	-
Fund Balances-ending working capital	<u>\$ 281,717</u>	<u>\$ 281,717</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$

-

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 ACCUMULATED LEAVE LIABILITY
 For the Year Ended December 31, 2023

	<u>Amended Mid-Year Budget 2023</u>	<u>Proposed Year-End Budget 2023</u>	<u>Adj Required From The Amended Budget 2023</u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	655,000	655,000	-
Transfers in	-	-	-
Total Revenues	<u>655,000</u>	<u>655,000</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	500,000	500,000	-
Supplies, Services, and Taxes	-	-	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>500,000</u>	<u>500,000</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	155,000	155,000	-
Fund Balances-beginning working capital	948,903	948,903	-
Fund Balances-ending working capital	<u>\$ 1,103,903</u>	<u>\$ 1,103,903</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required \$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
EQUIPMENT RENTAL RESERVE - OPERATIONS AND MAINTENANCE
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	2,210,402	2,210,402	-
Fines and Forfeitures	-	-	-
Miscellaneous	1,950	1,950	-
Transfers in & Other Financing	-	-	-
Total Revenues	<u>2,212,352</u>	<u>2,212,352</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	621,800	621,800	-
Supplies, Services, and Taxes	1,586,127	1,586,127	-
Capital Expenditures	18,000	18,000	-
Debt Service	-	-	-
Transfers Out	-	-	-
Total Expenditures	<u>2,225,927</u>	<u>2,225,927</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(13,575)	(13,575)	-
Fund Balances-beginning working capital	(49,756)	(49,756)	-
Fund Balances-ending working capital	<u>\$ (63,331)</u>	<u>\$ (63,331)</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
EQUIPMENT RENTAL RESERVE - RESERVES
For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u>2023</u>	<u>2023</u>	<u>2023</u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	-	-	-
Fines and Forfeitures	-	-	-
Miscellaneous	30,000	30,000	-
Transfers in & Other	1,452,550	1,452,550	-
Total Revenues	<u>1,482,550</u>	<u>1,482,550</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	-	-	-
Supplies, Services, and Taxes	7,748	7,748	-
Capital Expenditures	6,075,949	6,075,949	-
Debt Service	-	-	-
Transfers Out & Other	-	-	-
Total Expenditures	<u>6,083,697</u>	<u>6,083,697</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(4,601,147)	(4,601,147)	-
Fund Balances-beginning working capital	6,551,352	6,342,021	(209,331)
Fund Balances-ending working capital	<u>\$ 1,950,205</u>	<u>\$ 1,740,874</u>	<u>(209,331)</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$ -

CITY OF BREMERTON

2023 ANTICIPATED REVENUES, EXPENDITURES AND CHANGES IN FUND BALANCE
 INFORMATION SERVICES
 For the Year Ended December 31, 2023

	Amended Mid-Year Budget 2023	Proposed Year-End Budget 2023	Adj Required From The Amended Budget 2023
	<u> </u>	<u> </u>	<u> </u>
REVENUES			
Taxes			
Property	\$ -	\$ -	\$ -
Sales	-	-	-
Other	-	-	-
Licenses and Permits	-	-	-
Intergovernmental	-	-	-
Charges for Services	2,901,773	2,901,773	-
Fines and Forfeitures	-	-	-
Miscellaneous	-	-	-
Transfers in	-	-	-
Total Revenues	<u>2,901,773</u>	<u>2,901,773</u>	<u>-</u>
EXPENDITURES			
Personnel Expenses	1,243,200	1,243,200	-
Supplies, Services, and Taxes	1,594,296	1,594,296	-
Capital Expenditures	-	-	-
Debt Service	-	-	-
Transfers Out	145,860	145,860	-
Total Expenditures	<u>2,983,356</u>	<u>2,983,356</u>	<u>-</u>
CHANGES IN FUND BALANCE			
Net change in working capital	(81,583)	(81,583)	-
Fund Balances-beginning working capital	1,301,141	1,301,141	-
Fund Balances-ending working capital	<u>\$ 1,219,558</u>	<u>\$ 1,219,558</u>	<u>\$ -</u>

Budget Adjustments:

Items Previously Approved by Council

New Items Not Previously Approved by Council

Net adjustment to ending fund balance required

\$

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4F

SUBJECT:

Acceptance of the 2024-2025 Public Defense Improvement Grant from the Washington State Office of Public Defense for the Bremerton Municipal Court

Study Session Date: December 13, 2023
COUNCIL MEETING Date: December 20, 2023
Department: Bremerton Municipal Court
Presenter: Melinda Monroe
Phone: (360) 473-5306

SUMMARY:

The Bremerton Municipal Court applied to the WA State Office of Public Defense for the OPD Public Defense Improvement Grant and received an award in the amount of \$34,000 for a 2-year cycle. The grant funds will be disbursed automatically in the respective January and may be use for to adjust compensation for contracted public defense counsel.

ATTACHMENTS: 1) Award Letter 2) Grant Agreement

FISCAL IMPACTS (Include Budgeted Amount): Addition of \$17,000 to the 2024 budget and \$17,000 to the 2025 budget

STUDY SESSION AGENDA:

Limited Presentation Full Presentation

STUDY SESSION ACTION:

Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to accept the Public Defense Grant Fund Award from the WA State Office of Public Defense; and authorize the Mayor to finalize and execute the agreement with substantially the same terms and conditions as presented.

COUNCIL ACTION: Approve Deny Table Continue No Action

From: [Geoffrey Hulsey](#)
To: [Melinda Monroe](#)
Subject: City 10.101 Grant Notification
Date: Tuesday, October 3, 2023 3:15:18 PM

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Melinda Monroe,

Congratulations! In response to your recent application, the Washington State Office of Public Defense (OPD) is pleased to offer state grant funding to the City of Bremerton for public defense improvements in calendar years 2024 and 2025.

We anticipate offering a total of \$34,000.00 to your City, distributed in two equal sums: one-half for use in 2024, and one-half for use in 2025. The final amount will be confirmed via Grant Agreement in the upcoming weeks. **Please let us know by October 13, 2023 whether you wish to accept these available grant funds.**

We understand and appreciate that this award amount may be less than what your City applied for. This year, we received applications totaling nearly \$4.3 million in requests, yet our available funds are only \$2 million. OPD is happy to provide a list of Factors for Evaluating City Grant Applications which we used in reaching our final funding decisions.

The funds you receive shall be used only for the following approved purposes:

- Additional attorneys to reduce caseloads;
- Increased compensation for public defense service providers;
- Reimbursement of training costs for public defense service providers;
- Interpreter services for attorney-client interviews and communications.

All participants in this two-year grant program are expected to file four short progress reports to track use of grant funds. OPD will provide instructions and templates for these reports. In addition, OPD will conduct occasional site visits to learn more about your local public defense practices, provide technical assistance, and ensure that funds are being spent on approved uses.

Once the appeal period has passed for cities that were not awarded funds (two weeks), OPD will email you an official award letter and Grant Agreement for your City's review and signature. A check for the 2024 award portion (\$17,000.00) will be sent via postal mail at the beginning of January.

Please remember that grant funds may not be used for supplanting. Therefore, the City is responsible for continuing to pay at least the same amount for public defense services as it did prior to receiving grant funds.

Thank you for your commitment to improving public defense services, and please feel free to contact me if you have any questions. We look forward to working you over the next two years.

Sincerely,

Geoffrey Hulsey (he/him)
Managing Attorney, Public Defense Improvement Program
Washington State Office of Public Defense
PO Box 40957, Olympia, WA 98504-0957
Desk: (360) 586-3164 ext. 147
Cell: (360) 972-5999
Geoffrey.Hulsey@opd.wa.gov

FACE SHEET

WASHINGTON STATE OFFICE OF PUBLIC DEFENSE

<p>1. Grantee City of Bremerton 345 6th Street STE 100 Bremerton, WA 98337</p>	<p>2. Grantee Representative Melinda Monroe Contracts Administrator 345 6th Street STE 100 Bremerton, WA 98337</p>
<p>3. Office of Public Defense (OPD) 711 Capitol Way South, Suite 106 PO Box 40957 Olympia, WA 98504-0957</p>	<p>4. OPD Representative Geoffrey D. Hulseley Managing Attorney Office of Public Defense 711 Capitol Way South, Suite 106 PO Box 40957 Olympia, WA 98504-0957</p>
<p>5. Grant Amount \$34,000.00</p>	<p>6. Grant Period January 1, 2024 through December 31, 2025</p>
<p>7. Grant Purpose The Chapter 10.101 RCW city grants are competitive grants for the purpose of improving the quality of public defense services in Washington municipalities. (See Chapter 10.101 RCW.)</p>	
<p>The Office of Public Defense (OPD) and Grantee, as defined above, acknowledge and accept the terms of this Grant Agreement and attachments and have executed this Grant Agreement on the date below to start January 1, 2024 and end December 31, 2025. The rights and obligations of both parties to this Grant are governed by this Grant Agreement and the following other documents incorporated by reference: Special Terms and Conditions of the City Grant Agreement, General Terms and Conditions of City Grant Agreement, and Exhibits A, B, C, and D.</p>	
<p>FOR THE GRANTEE</p> <p>_____</p> <p>Name, Title</p> <p>_____</p> <p>Date</p>	<p>FOR OPD</p> <p>_____</p> <p>Geoffrey D. Hulseley, Managing Attorney Public Defense Improvement Program, OPD</p> <p>_____</p> <p>Date</p>

SPECIAL TERMS AND CONDITIONS OF THE CITY GRANT AGREEMENT

1. GRANT MANAGEMENT

The Representative for each of the parties shall be responsible for and shall be the contact person for all communications regarding the performance of this Grant.

- a. The Representative for OPD and their contact information are identified on the Face Sheet of this Grant.
- b. The Representative for the Grantee and their contact information are identified on the Face Sheet of this Grant.

2. GRANT AWARD AMOUNT

The Grantee is awarded **thirty-four thousand dollars and 00/100 Dollars (\$34,000.00)** to be used for the purpose(s) described in the USE OF GRANT FUNDS below. One-half of the award amount shall be disbursed to Grantee in January 2024 for intended use during calendar year 2024. The remaining one-half shall be disbursed to Grantee in January 2025 for intended use during calendar year 2025. The disbursement of any grant funds is subject to the availability of funding appropriated to OPD by the Washington State Legislature.

3. PROHIBITED USE OF GRANT FUNDS (as adopted in OPD Policy County/City Use of State Public Defense Funding)

- a. Grant funds cannot be used to supplant local funds that were being spent on public defense prior to the initial disbursement of state grant funds.
- b. Grant funds cannot be spent on purely city or court administrative functions or billing costs.
- c. Grant funds cannot be used for cost allocation.
- d. Grants funds cannot be used for indigency screening costs.
- e. Grant funds cannot be used for city or court technology systems or administrative equipment.
- f. Grant funds cannot be used for city attorney time, including advice on public defense contracting.

4. USE OF GRANT FUNDS

- a. Grantee agrees to use the grant funds for the following:
 - i. Additional attorneys to reduce caseloads;
 - ii. Increased compensation for public defense service providers;
 - iii. Reimbursement of training costs for public defense service providers;
 - iv. Interpreter services for attorney-client interviews and communications.
- b. Grantee agrees to obtain OPD's written permission before funds are used for any purpose other than those listed in Section 4a above. Permission issued by electronic mail shall be sufficient for purposes of identifying other uses of grant funds not listed in section a.
- c. Grantee understands that the first disbursement of funds will be in calendar year 2024, and the second disbursement of funds will be in calendar year 2025. Grantee agrees that all disbursed funds will be used by the end of calendar year 2025. If Grantee is unable to use the funds by the end of calendar year 2025, the Grantee agrees to notify OPD to determine what action needs to be taken.
- d. Grantee agrees to deposit the grant check within fourteen days of receipt.

5. **OVERSIGHT**

- a. Grantee agrees to submit written reports to OPD. The first report shall be submitted to OPD no later than June 1, 2024 using the template found in Exhibit A. The second report shall be submitted to OPD no later than December 1, 2024 using the template found in Exhibit B. The third report shall be submitted to OPD no later than June 1, 2025 using the template found in Exhibit C. The final report shall be submitted to OPD no later than December 1, 2025 using the template found in Exhibit D. Reports must be submitted along with the Grantee City's public defense attorneys' contracts, certifications of compliance, and other required documentation.
- b. Over the duration of the grant term, OPD may conduct site visits for purposes of addressing improvements to public defense and ensuring the use of grant funds for their specified purposes. At OPD's request, Grantee will assist in scheduling such site visits and inviting appropriate attendees such as, but not limited to: public defense attorneys, judicial officers, and city representatives.

6. **ORDER OF PRECEDENCE**

In the event of an inconsistency in this Grant, the inconsistency shall be resolved by giving precedence in the following order:

- Applicable federal and state of Washington statutes, regulations, and court rules
- Special Terms and Conditions of the City Grant
- General Terms and Conditions of the City Grant

GENERAL TERMS AND CONDITIONS OF THE CITY GRANT AGREEMENT

1. ALL WRITINGS CONTAINED HEREIN

This Grant contains all the terms and conditions agreed upon by the parties. No other understandings, oral or otherwise, regarding the subject matter of this Grant shall be deemed to exist or to bind any of the parties hereto.

2. AMENDMENTS

This Grant may be amended by mutual agreement of the parties. Such amendment shall not be binding unless it is in writing and signed by personnel authorized to bind each of the parties.

3. AMERICANS WITH DISABILITIES ACT (ADA) OF 1990, PUBLIC LAW 101-336, also referred to as the "ADA" 29 CFR Part 35.

The Grantee must comply with the ADA, which provides comprehensive civil rights protection to individuals with disabilities in the areas of employment, public accommodations, state and local government services, and telecommunications.

4. ASSIGNMENT

Neither this Grant, nor any claim arising under this Grant, shall be transferred or assigned by the Grantee without prior written consent of OPD.

5. ATTORNEY'S FEES

Unless expressly permitted under another provision of the Grant, in the event of litigation or other action brought to enforce Grant terms, each party agrees to bear its own attorney's fees and costs.

6. CONFORMANCE

If any provision of this Grant violates any statute or rule of law of the State of Washington, it is considered modified to conform to that statute or rule of law.

7. ETHICS/CONFLICTS OF INTEREST

In performing under this Grant, the Grantee shall assure compliance with the Ethics in Public Service, Chapter 42.52 RCW and any other applicable court rule or state or federal law related to ethics or conflicts of interest.

8. GOVERNING LAW AND VENUE

This Grant shall be construed and interpreted in accordance with the laws of the State of Washington, and the venue of any action brought hereunder shall be in the Superior Court for Thurston County.

9. INDEMNIFICATION

To the fullest extent permitted by law, the Grantee shall indemnify, defend, and hold harmless the State of Washington, OPD, all other agencies of the State and all officers, agents and employees of the State, from and against all claims or damages for injuries to persons or property or death arising out of or incident to the performance or failure to perform the Grant.

10. LAWS

The Grantee shall comply with all applicable laws, ordinances, codes, regulations, court rules, policies of local and state and federal governments, as now or hereafter amended.

11. NONCOMPLIANCE WITH NONDISCRIMINATION LAWS

During the performance of this Grant, the Grantee shall comply with all federal, state, and local nondiscrimination laws, regulations and policies. In the event of the Grantee's non-compliance or refusal to comply with any nondiscrimination law, regulation or policy, this Grant may be rescinded, canceled or terminated in whole or in part.

12. RECAPTURE

In the event that the Grantee fails to perform this Grant in accordance with state laws, federal laws, and/or the provisions of the Grant, OPD reserves the right to recapture funds in an amount to compensate OPD for the noncompliance in addition to any other remedies available at law or in equity.

13. RECORDS MAINTENANCE

The Grantee shall maintain all books, records, documents, data and other evidence relating to this Grant. Grantee shall retain such records for a period of six (6) years following the end of the grant period. If any litigation, claim or audit is started before the expiration of the six (6) year period, the records shall be retained until all litigation, claims, or audit findings involving the records have been finally resolved.

14. RIGHT OF INSPECTION

At no additional cost all records relating to the Grantee's performance under this Grant shall be subject at all reasonable times to inspection, review, and audit by OPD, the Office of the State Auditor, and state officials so authorized by law, in order to monitor and evaluate performance, compliance, and quality assurance under this Grant. The Grantee shall provide access to its facilities for this purpose.

15. SEVERABILITY

If any provision of this Grant or any provision of any document incorporated by reference shall be held invalid, such invalidity shall not affect the other provisions of this Grant that can be given effect without the invalid provision, if such remainder conforms to the requirements of law and the fundamental purpose of this Grant and to this end the provisions of this Grant are declared to be severable.

16. SUBJECT TO THE AVAILABILITY OF FUNDS

Any full or partial allocation of funds under this Grant is subject to the appropriation of funds by the Washington Legislature to OPD.

17. WAIVER

Waiver of any default or breach shall not be deemed to be a waiver of any subsequent default or breach. Any waiver shall not be construed to be a modification of the terms of this Grant unless stated to be such in writing.

Exhibit A

Washington State Office of Public Defense
Public Defense Improvement Program
City Grant Report #1

All City grant recipients are required to submit a completed copy of this report, along with corresponding documentation, to the Washington State Office of Public Defense by June 1, 2024.

City: _____

Date Completed: _____

Contact Name: _____

Title: _____

Mailing Address: _____

Phone: _____

Email Address: _____

Section I: Public Defense Expenditures/Budget

1.1 In 2023, the city paid indigent defense expenses as follows:

	City Funds	Chapter 10.101 RCW State Grant Funds	Other Funds
Attorney salaries and benefits, contract and conflict attorney compensation	\$	\$	\$
Investigators, experts, interpreters, social workers, and other professional services	\$	\$	\$
Other public defense expenses	\$	\$	\$
Total	\$	\$	\$

1.2 For 2024, the city has *budgeted* indigent defense expenses as follows:

	City Funds	Chapter 10.101 RCW State Grant Funds	Other Funds
Attorney salaries and benefits, contract and conflict attorney compensation	\$	\$	\$
Investigators, experts, interpreters, social workers, and other professional services	\$	\$	\$
Other public defense expenses	\$	\$	\$
Total	\$	\$	\$

1.3 What amount of the 2024 RCW 10.101 grant funds has been spent to date? _____ \$ _____

Section II: Case Assignments

2.1 Provide the following data for the total number of public defense cases assignments in 2023:
Fill in section 2.1(a) if the city has a public defender agency or contracts with a county public defender agency or non-profit public defense firm. Fill in section 2.1(b) for list appointments or contracts with private attorneys.

a. Cities using public defender agencies.

Number of cases assigned to public defender agency (not including conflict counsel): _____

Number of probation violations and other miscellaneous post sentencing hearings assigned: _____

Number of full-time-equivalent public defenders: _____

Average per-attorney caseload, if available: _____

b. Cities using list appointments or contracts with private firms.

Number of cases assigned to public defense attorneys: _____

Number of probation violations and other miscellaneous post sentencing hearings assigned: _____

Number of attorneys with public defense contracts or on court’s appointment list: _____

Section III: Grant Funds

3.1 Permissible Use(s) of Grant Funds (See Section 4 of Grant Agreement <i>Special Terms and Conditions</i>):	
3.2 Description of How Grant Funds Have Been Used to Date:	
3.3 Plans for Utilizing Remaining Funds by End of Calendar Year (If Applicable):	
3.4 Description of Impact State Funds Have Had on Local Public Defense Services:	

Section IV: Attachments and Tables

- 4.1 If the city has public defense contracts, fill out the Table of Public Defense Contracts (*Table I*), and attach a copy of each *current contract* in alphabetical order by attorney name. Failure to provide current contracts could result in an incomplete report.

- 4.2 If the court appoints public defense attorneys from a list, provide the name of each attorney and the compensation paid per case or per hour in the Table of List-Appointed Public Defense Attorneys (*Table II*).

- 4.3 If the City has adopted any new public defense policies, ordinances, or resolutions within the last year, please attach them to this report.

- 4.4 Provide copies of attorneys' 2024 second quarter Certificates of Compliance.

Exhibit B

**Washington State Office of Public Defense
Public Defense Improvement Program
City Grant Report #2**

*All City grant recipients are required to submit a completed copy of this report to the Washington State Office of Public Defense by December 1, 2024.
Failure to timely submit this report could delay disbursement of 2025 grant funds.*

City:	
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Report Date:	
---------------------	--

Contact – Name/Title:	
Email:	
Phone:	
Address:	

1. As of the date of this report, the city has paid indigent defense expenses as follows in 2024:

	City Funds	Chapter 10.101 RCW State Grant Funds	Other Funds
Attorney salaries and benefits, contract and conflict attorney compensation	\$	\$	\$
Investigators, experts, interpreters, social workers, and other professional services	\$	\$	\$
Other public defense expenses	\$	\$	\$
Total	\$	\$	\$

Will all 2024 grant funds be expended by the end of the calendar year? Yes _____ No _____ Unsure _____

<p>2. Permissible Use(s) of Grant Funds (See Section 4 of Grant Agreement <i>Special Terms and Conditions</i>):</p>	
<p>3. Description of How Grant Funds Have Been Used in 2024:</p>	
<p>4. Plans for 2025 Grant Funds:</p>	
<p>5. Description of Impact State Funds Have Had on Local Public Defense Services</p>	

Exhibit C

Washington State Office of Public Defense
 Public Defense Improvement Program
 City Grant Report #3

All City grant recipients are required to submit a completed copy of this report, along with all public defense attorneys' 2025 quarterly Certificates of Compliance to the Washington State Office of Public Defense by June 1, 2025.

City:	
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Report Date:	
---------------------	--

Contact – Name/Title:	
Email:	
Phone:	
Address:	

1. For 2025, the city has *budgeted* indigent defense expenses as follows:

	City Funds	Chapter 10.101 RCW State Grant Funds	Other Funds
Attorney salaries and benefits, contract and conflict attorney compensation	\$	\$	\$
Investigators, experts, interpreters, social workers, and other professional services	\$	\$	\$
Other public defense expenses	\$	\$	\$
Total	\$	\$	\$

2. What amount of the 2025 state grant funds has been spent to date? _____ \$ _____

<p>3. Permissible Use(s) of Grant Funds (See Section 4 of Grant Agreement <i>Special Terms and Conditions</i>)</p>	
<p>4. Description of How Grant Funds Have Been Used to Date:</p>	
<p>5. Plans for Utilizing Remaining Funds by End of Calendar Year (If Applicable)</p>	
<p>6. Description of Impact State Funds Have Had on Local Public Defense Services</p>	

Exhibit D

Washington State Office of Public Defense
Public Defense Improvement Program
City Grant Report #4

All City grant recipients are required to submit a completed copy of this report to the Washington State Office of Public Defense by December 1, 2025.

City:	
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Report Date:	
---------------------	--

Contact – Name/Title:	
Email:	
Phone:	
Address:	

1. As of the date of this report, the city has paid indigent defense expenses as follows in 2025:

	City Funds	Chapter 10.101 RCW State Grant Funds	Other Funds
Attorney salaries and benefits, contract and conflict attorney compensation	\$	\$	\$
Investigators, experts, interpreters, social workers, and other professional services	\$	\$	\$
Other public defense expenses	\$	\$	\$
Total	\$	\$	\$

Will all 2025 grant funds be expended by the end of the calendar year? Yes _____ No _____ Unsure _____

<p>2. Permissible Use(s) of Grant Funds (See Section 4 of Grant Agreement <i>Special Terms and Conditions</i>):</p>	
<p>3. Description of How Grant Funds Have Been Used in 2025:</p>	
<p>4. Description of Impact State Funds Have Had on Local Public Defense Services</p>	

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4G

SUBJECT:

Affiliation Agreement with Pierce College
for Paramedic Student Training

Study Session Date: December 13, 2023

COUNCIL MEETING Date: December 20, 2023

Department: Fire

Presenter: Pat McGanney, Fire Chief

Phone: (360) 473-5381

SUMMARY:

This agreement will allow Bremerton Fire Department to train Pierce College paramedic students.

ATTACHMENTS:

Affiliation Agreement for Pierce College

FISCAL IMPACTS (Include Budgeted Amount): No cost.

STUDY SESSION AGENDA:

Limited Presentation

Full Presentation

STUDY SESSION ACTION:

Consent Agenda

General Business

Public Hearing

RECOMMENDED MOTION:

Move to approve Affiliation Agreement with Pierce College; and authorize the Mayor to finalize and execute the agreement with substantially the same terms and conditions as presented.

COUNCIL ACTION:

Approve

Deny

Table

Continue

No Action

AFFILIATION AGREEMENT

This Agreement is made and entered into between **Pierce College ("School")**, 9401 Farwest Dr. SW, Lakewood, WA 98498 and **City of Bremerton**, on behalf of the Bremerton Fire Department, ("**City**"), a municipal corporation of the State of Washington. The purpose of this Agreement is for City, which is committed to training health care professionals, to provide desirable clinical learning experiences and facilities for School's students. In consideration of the mutual covenants and agreements contained herein, School and City agree as follows:

I. GENERAL PROVISIONS

A. School and City agree that contemporaneous with or following execution of this Agreement and within the scope of its provisions, School may develop letter agreements with City to formalize operational details of the clinical education program. These details include, but are not limited to, the following:

- Beginning dates and length of experience of preceptors (to be mutually agreed upon at least one month before the beginning of the clinical education program).
- Number of students eligible to participate in the clinical education program.
- Specific days, hours, and locations for the clinical education program.
- Specific learning objectives and performance expectations for students.
- Specific allocation of responsibilities for the faculty Liaison, clinical education.
- Supervisor, and Preceptors, if any, referenced elsewhere in this Agreement.
- Deadlines and format for student progress reports and evaluation forms.

Any such letter agreements will be attachments to this Agreement, will be binding when signed by authorized representatives of each party, and may be modified by subsequent letter agreements signed by authorized representatives of each party.

B. School and City will jointly plan the clinical education program and jointly evaluate students. Exchange of information will be maintained by on-site visits when practical and by letter or telephone in other instances.

C. School and City will instruct their respective faculty, staff, and students participating in the clinical education program, to maintain confidentiality of student and patient information as required by law and by the policies and procedures of School and City.

D. There will be no payment of charges or fees between School and City.

E. There will be no discrimination against any program participant or applicant under this Agreement on the basis of race, color, creed, religion, national origin, age, sex, honorably discharged veteran or military status, sexual orientation, marital status, genetic information, pregnancy, the presence of any sensory, mental or physical disability, or the use of a trained guide dog or service animal by a person with a disability.

II. SCHOOL'S RESPONSIBILITIES

A. School will provide information to City concerning its curriculum and the professional and academic credentials of its faculty for the students. School will designate an appropriately qualified and credentialed faculty member to coordinate and act as the Liaison with City. School will be responsible for instruction and administration of the students' academic education program. School will notify City in writing of any change or proposed change of its Liaison. School will have the final responsibility for grading students.

B. School's faculty will meet with the City clinical education Supervisor Preceptors, if any, at the beginning and end of the clinical education program to discuss and evaluate the clinical education program. These meetings will take place in person if practicable, otherwise by telephone conference. School is responsible for arranging and planning the meetings.

C. School will provide the names and information pertaining to relevant education and training for all students enrolled in the clinical education program at least four weeks before the beginning date of the clinical education program. School is responsible for supplying any additional information required by City as set forth in this Agreement, prior to the arrival of students. School will notify City in writing of any change or proposed change in a student's status.

D. School will obtain evidence of current immunizations against diphtheria, tetanus, measles (rubeola), mumps, rubella (or a positive rubella titer), and of hepatitis B immunity status, documented by a protective titer, for those students who will be in contact with patients/clients. For each student born after 1956, School will maintain on file records of positive titer or of post-1967 immunization for rubella and rubeola. At the time of immunization, students with no history of exposure to chickenpox will be advised to get an immune titer. School will require yearly PPD testing, or follow-up as recommended if the students are PPD-positive or have had BCG. School will provide information to City regarding student status concerning the above requirements.

E. School will assign the clinical education program site only those students who have satisfactorily completed the prerequisite didactic portion of the curriculum and who have evidence of completion of a CPR course based on American Heart Association or American Red Cross guidelines and related to the age group(s) with whom they will be working.

F. As a prerequisite to participation in the clinical education program. School shall require each student who may be placed in City to obtain his/her criminal history background record from the Washington State Patrol, pursuant to RCW 43.43.834 and RCW 43.43.838, to release a copy of that record to the School and to authorize the School to transmit that record or copy thereof to the City. Before the start of training, School will provide the City with the names of any students who have failed to provide the requested records, or who refuse to authorize the release of records to the City. The students will be informed that, whether or not they agree to obtain the record and agree to release it to School and City, City may conduct the background inquiry directly and the City may refuse placement of a student who does not provide the requested records or who has a record of prior criminal conduct.

City understands and agrees that any information forwarded to it by School has been procured through this process. School does not certify the veracity of the records provided and, furthermore, the obligation to conduct appropriate background checks and the liability for non-compliance therewith remains the responsibility of City.

G. School will comply with and ensure to the extent possible that students comply with the policies and procedures established by the City. School will notify each student of his/her status and responsibilities pursuant to this Agreement. This includes notification to students of the need to procure the insurance coverage required by the City as identified in section V. C. below prior to being admitted to the City.

H. School will encourage each student participating in the clinical education program to acquire comprehensive health and accident insurance that will provide continuous coverage of such student during his or her participation in the education program. School will inform students that they are responsible for their own health needs, health care costs, and health insurance coverage.

III. CITY'S RESPONSIBILITIES

City will provide students with a clinical education experience within the scope of health care services provided by the City. City will designate in writing Preceptors, if any, to be responsible for the clinical education program, and will designate in writing one person as the clinical education Supervisor, who will maintain contact with the School Designated Liaison to assure mutual participation in and review of the clinical education program and student progress. City will submit in writing to School the professional and academic credentials for the Preceptors and clinical education Supervisor. City will notify School in writing of any change or proposed change of the Preceptors or clinical education Supervisor.

B. City will provide students with access to sources of information necessary for the education program, within City's policies and procedures and commensurate with patients' rights, including library resources and reference materials.

C. City will make available to student's basic supplies and equipment necessary for care of patients/clients and the clinical education program. Within the limitation of facilities, City will make available office and conference space for students and, if applicable, School faculty.

D. City will submit required reports on each student's performance and will provide an evaluation to School on forms provided by School.

E. City retains full responsibility for the care of patients/clients and will maintain the quality of patient care without relying on the students' clinical training activities for staffing purposes.

F. City will have the right to take immediate temporary action to correct a situation where a student's actions endanger patient care. As soon as possible thereafter, City's clinical education Supervisor will notify School of the action taken. All final resolutions of the student's academic status in such situations will be made solely by School after reviewing the matter and considering whatever written factual information the City provides for School; however, City reserves the right to terminate the use of its facilities by a particular student where necessary to maintain its operation free of disruption and to ensure quality of patient care.

G. On any day when a student is participating in the clinical education program at the City's facilities, City will provide to such student necessary emergency health care or first aid for accidents occurring in its facilities. The student will be responsible for the costs of all care.

H. Except as provided in this Agreement, City will have no obligation to furnish medical or surgical care to any student.

IV. STUDENTS' STATUS AND RESPONSIBILITIES

A. Students will have the status of learners and will not replace City personnel. Any service rendered by students is incidental to the educational purpose of the clinical education program.

B. Students are required to adhere to the standards, policies, and regulations of District during their clinical education program.

C. Students will wear appropriate attire and name tags and will conform to the standards and practices established by School during their clinical education program at School.

D. Students participating in the clinical education program will be and will remain students at School, and will in no sense be considered employees of City. The City does not and will not assume any liability under any law relating to Worker's Compensation on account of any School student's performing, receiving training, or traveling pursuant to this Agreement. Students will not be entitled to any monetary or other remuneration for services performed by them at City, nor will City otherwise have any monetary obligation to School or its students by virtue of this Agreement.

V. LIABILITY COVERAGE PROVISIONS

A. Each party to this Agreement will be responsible for the negligent acts or omissions of its own employees, officers, or agents in the performance of this Agreement. Neither party will be considered the agent of the other and neither party assumes any responsibility to the other party for the consequences of any act or omission of any person, firm, or corporation not a party to this Agreement.

B. School is covered by the State of Washington Self-Insurance Program and the Tort Claims Act (Chapter 4.92 RCW). Claims against School and its employees, officers, and agents in the performance of their duties under this Agreement will be paid from the tort claims liability account as provided in Chapter 4.92 RCW.

C. For students to be accepted at the City, students will be required to have medical malpractice and general liability coverage, whether through the student medical malpractice and general liability policies offered by the State of Washington, Office of Financial Management, Risk Management division, or otherwise, while working within the District.

D. City maintains professional liability insurance coverage with Washington Cities Insurance Association (**WCIA**). Through that coverage, the City provides liability coverage for its employees, officers, and agents in the performance of this Agreement, and further provides the means for defense and payment of claims that may arise against such individuals.

VI. TERM

A. This Agreement shall be effective as of the Effective Date for a term of three (3) years ("Initial Term") and shall renew every three years commencing from the last date shown below; PROVIDED THAT the parties review this Agreement and memorialize their intent to renew the Agreement for a subsequent three-year period – **such renewal being memorialized in writing three months prior to the expiration of the current three-year term**. There shall be a maximum of two renewal periods. The Initial Term and any Renewal Term will be collectively referred to herein as "Term". School and the City will jointly plan student placement in advance of each year's beginning, considering the needs of the school for clinical placement, maximum number

of students for whom the City can provide a desirable clinical education experience, and the needs of other disciplines or schools requesting clinical placements.

B. This agreement may be canceled by written notice one year prior to termination; however, such termination shall not become effective for the students then enrolled in the clinical education program if such termination prevents completion of their requirements for completion of the clinical education program.

VII. PROVISIONS REGARDING BLOOD-BORNE PATHOGENS

A. School certifies that it has trained each student it sends to the City in universal precautions and transmission of blood-borne pathogens, and that it will send to the City only students who have been trained in and have practiced using universal precautions. School has recommended the Hepatitis B (HBV) screening to all clinical education program students before assignment to City. Students may waive the HBV series but are required to have a TB screening and be up to date on all other immunizations. The City will provide personal protection equipment that is appropriate for the tasks assigned to School's students.

B. In the event a student sustains a needle-stick injury or other substantial exposure to bodily fluids of another or other potentially infectious material while participating in the clinical education program at the City, the City agrees to provide the following services:

- Being seen by City's employee health service and/or emergency department as soon as possible after the injury.
- Emergency medical care following the injury.
- Initiation of HBV, Hepatitis C (HCV) and HIV protocol.
- HIV counseling and appropriate testing.

The student will be responsible for the costs of all care, testing, counseling, and obtaining necessary follow-up care.

C. The source patient's HBV, HCV and HIV status will be determined by the City in the usual manner to the extent possible.

VIII. MISCELLANEOUS PROVISIONS

A. Entire Agreement. This Agreement constitutes the entire agreement between the parties, and supersedes all prior oral or written agreements, commitments, or understandings concerning the matters provided for herein.

B. Amendment. This Agreement may be modified only by a subsequent written Agreement executed by the parties. The provisions in this Agreement may not

be modified by any attachment or letter agreement as described elsewhere in this Agreement.

C. Order of Precedence. Any conflict or inconsistency in this Agreement and its attachments will be resolved by giving the documents precedence in the following order:

1. This Agreement.
2. Attachments to this Agreement in reverse chronological order.

D. Governing Law. The parties' rights or obligations under this Agreement will be construed in accordance with, and any claim or dispute relating thereto will be governed by, the laws of the State of Washington.

E. Notices. All notices, demands, requests, or other communications required to be given or sent by School or City, will be in writing and will be mailed by first-class mail, postage prepaid, or transmitted by hand delivery or facsimile, addressed as follows:

- (a) To School:
Pierce College Ft. Steilacoom
9401 Farwest Dr. SW
Lakewood, WA 98498
- (b) To Training Site:
Bremerton Fire Department
911 Park Ave
Bremerton, WA 98337

Each party may designate a change of address by notice in writing. All notices, demands, requests, or communications that are not hand-delivered will be deemed received three (3) days after deposit in the U.S. mail, postage prepaid, or upon confirmation of successful facsimile transmission.

F. Survival. School and the City expressly intend and agree that the liability coverage provisions of this Agreement will survive the termination of this Agreement for any reason.

G. Severability. If any provision of this Agreement, or of any other agreement, document or writing pursuant to or in connection with this Agreement, shall be held to be wholly or partially invalid or unenforceable under applicable law, said provision will be ineffective to that extent only, without in any way affecting the remaining parts or provisions of said agreement.

H. Waiver. Neither the waiver by any of the parties hereto of a breach of or a default under any of the provisions of this Agreement, nor the failure of either of the parties, on one or more occasions, to enforce any of the provisions of this Agreement or to exercise any right or privilege hereunder, will thereafter be construed as a waiver of any subsequent breach or default of a similar nature, or as a waiver of any of such provisions, rights or privileges hereunder.

I. Inspection. City will permit, on reasonable notice and request, the inspection of clinical and related facilities by agencies charged with responsibility for accreditation of School.

J. HIPAA. School voluntarily provides students with training on the requirements of the Health Insurance Portability and Accountability Act (HIPAA). City will provide additional training on City's specific HIPAA policies and procedures. School will direct its students and faculty to comply with the policies and procedures of the City. No protected healthcare information (PHI) is anticipated to be exchanged between City and School, but in the event such PHI is exchanged, the parties shall have previously executed the necessary business associate agreement. Solely for the purpose of defining students' role in relation to the use and disclosure of City's PHI, students acting pursuant to this Agreement are defined as members of City's workforce. However, School's students and faculty shall not be considered employees of the City.

H. FERPA. The Parties agree to protect the participating students' educational records in accordance with the Family Educational Rights and Privacy Act, 20 U.S.C. 1232g and any applicable policy of the Parties. To the extent permitted by law, the Parties may share information from participants' educational records with each other so that each can perform its respective responsibilities under this AGREEMENT but shall not disclose or share education records with any third party.

Pierce College

-

The Associate Professor for Pierce Emergency Medical Services Program is: (*Sarah Swart, sswart@pierce.ctc.edu, EMS Program, Pierce College Ft. Steilacoom Cascade 342, Lakewood WA, 98498, 253-964-6649*)

The Contract Manager for Pierce College Health and Technology is: (YuVonne Bailey-Navarrette ybailey@pierce.ctc.edu, EMS Programs Director, Health and Technology, Pierce College Ft. Steilacoom, WA 98498, 253-964-6649)

IN WITNESS WHEREOF, the parties have executed this Agreement.

State of Washington

State of Washington

Signature

Signature

Title

Date

Title

Date

City of Bremerton Fire

By _____ (date)

FIRST THREE-YEAR RENEWAL

SCHOOL

CITY

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

SECOND THREE YEAR RENEWAL

SCHOOL

CITY

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4H

SUBJECT:

Mutual Aid Interlocal Agreement for
Tactical Emergency Medical Support
Services

Study Session Date: December 13, 2023
COUNCIL MEETING Date: December 20, 2023
Department: Fire
Presenter: Pat McGanney, Fire Chief
Phone: (360) 473-5381

SUMMARY:

This agreement is to provide for the joint and cooperative undertaking of the parties to collaborate and combine their personnel, equipment, expertise, and technical resources to provide a rapid response by SWAT and KCT Providers to Law Enforcement Critical Incidents within Kitsap County.

ATTACHMENTS: Interlocal Agreement

FISCAL IMPACTS (Include Budgeted Amount): Minimal cost already in 2024 budget.

STUDY SESSION AGENDA: Limited Presentation Full Presentation

STUDY SESSION ACTION: Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to approve Mutual Aid Interlocal Agreement for Tactical Emergency Medical Support Services; and authorize the Mayor to finalize and execute the agreement with substantially the same terms and conditions as presented.

COUNCIL ACTION: Approve Deny Table Continue No Action

KC _____
INTERLOCAL AGREEMENT FOR
MUTUAL AID TEMS SERVICES

THIS INTERLOCAL AGREEMENT FOR MUTUAL AID TEMS SERVICES (“Agreement”) is between the Bainbridge Island Fire Department, the City of Bremerton, on behalf of the Bremerton Fire Department, the Poulsbo Fire Department, on behalf of the Poulsbo Fire Department; North Kitsap Fire and Rescue; Central Kitsap Fire and Rescue; South Kitsap Fire and Rescue, (collectively “Fire Agencies”) and Kitsap County, on behalf of the Kitsap County Sheriff’s Office (“KCSO”), all shall be collectively referred to as the “Parties” and individually as a “Party”.

RECITALS

WHEREAS, the Interlocal Cooperation Act, chapter 39.34 RCW, allows public agencies to enter into agreements for joint and cooperative action more efficiently within their jurisdictions.

WHEREAS, the Fire Agencies and KCSO each have unique expertise which are beneficial to the public and each other in the event of a Law Enforcement Critical Incident.

WHEREAS, this Agreement will improve the life safety of the public and emergency responders during high threat incidents that may involve multiple casualties through the coordination of law enforcement activities, provided by the Kitsap County Sheriff’s Office, and emergency medical services, provided by Fire Agencies, operating under the Incident Management System.

WHEREAS, the Parties desire to execute this Agreement to multiply and combine their personnel, equipment, expertise and other resources when responding to emergencies, subject to the terms and conditions of this Agreement.

AGREEMENT

NOW, THEREFORE, in consideration of the foregoing recitals, which are incorporated herein by reference, and the mutual promises and covenants, the parties agree as follows:

1. **DEFINITIONS.** The following definitions shall apply unless otherwise provided in the Agreement.
 - A. Fire Chiefs means the Chiefs of the Bainbridge Island Fire Department, the City of Bremerton Fire Department, the Poulsbo Fire Department, North Kitsap Fire and Rescue, Central Kitsap Fire and Rescue, and South Kitsap Fire and Rescue.
 - B. KCSO means the Kitsap County Sheriff’s Office.
 - C. KCT Joint Operations Board or ‘Board’ consists of the Kitsap County Operations Chiefs, a Division of the Kitsap County Fire Chief’s Association, and the Sheriff.
 - D. KCT Providers means medically trained staff assigned by a Fire Agency to participate in TEMS activities within the Fire Agency service areas subject to the terms and

conditions of this Agreement. KCT Providers shall not be armed during any TEMS activity and shall not operate in any law enforcement capacity.

- E. Kitsap 911 (formerly known as “CENCOM”) is the agency that provides public safety emergency communication services for Kitsap County.
 - F. Law Enforcement Critical Incidents means those involving high threatdynamic incidents such as: “active shooter”; explosions in public forums/events; random or intentional killing of multiple civilians in public and private assemblies; warrant service; SWAT activations; fugitive tracking; and similar acutely violent circumstances.
 - G. Lead Fire Agency means the Fire Agency selected by the Kitsap County Fire Chief’s Association.
 - H. Sheriff means the Kitsap County Sheriff or designee.
 - I. SWAT means Special Weapons and Tactics Team.
 - J. SWAT Chief means the KCSO Division Chief responsible for SWAT or designee.
 - K. SWAT Commander means the SWAT commander that provides the tactical command on scene. The SWAT Commander will take over tactical command from the officer in charge.
 - L. TEMS means Tactical Emergency Medical Support team which has a Fire Agency Component and law enforcement agency component. Each component is responsible for its own training (initial and ongoing), materials, service, equipment, actions, and policy as they relate to the delivery of emergency medical support or law enforcement services to be provided.
 - M. TEMS Standards means the Tactical Response and Operation Standards for law enforcement agencies adopted by the National Tactical Officers Association, as amended.
2. **PURPOSE.** The purpose of this Agreement is to provide for the joint and cooperative undertaking of the parties to collaborate and combine their personnel, equipment, expertise and technical resources to provide a rapid response by SWAT and KCT Providers to Law Enforcement Critical Incidents within Kitsap County; identify persons responsible for administering the services; and define the responsibilities of the Parties as contemplated in RCW 39.34.030.
3. **ORGANIZATION.** No separate legal or administrative entity is created by this Agreement nor do the parties intend to create through this Agreement a separate legal or administrative entity subject to suit.

4. ADMINISTRATOR. The Kitsap County Sheriff, and the Fire Chiefs of each Fire Agency will administer this Agreement for each Party and will meet as needed for the purpose of reviewing this agreement and the recommendations of the Board for adoption. Neither Party is intending to assume responsibility or liability for the actions, or failures to act, of another Party and/or their respective employees.
5. BOARD DUTIES. The Board shall elect a chairperson who shall be responsible for maintaining records and scheduling meeting(s) which shall occur at least annually. Meeting minutes shall be submitted to the Sheriff and Kitsap County Fire Chiefs Association. The Board will have no authority to alter this agreement or implement policies, but will be responsible for proposing recommendations to the Kitsap County Sheriff and the Kitsap County Fire Chiefs' Association on the following subjects;

:
 - A. Meeting as needed to implement and comply with the terms of this Agreement.
 - B. Creating operational policies as needed to carry out the terms of this Agreement.
 - C. Selecting, by majority vote, the Fire Agency that shall serve as the Lead Fire Agency.
 - D. Developing and updating the KCT Provider Job Description.
 - E. Developing policies and procedures consistent with the mission and goals of this Agreement.
 - F. Establishing (and disbanding) committees, as it deems appropriate, and provide any other guidance to the Parties as reasonably required to implement and comply with the terms of this Agreement.
 - G. Other duties and responsibilities deemed appropriate by the Board.
6. EFFECTIVE DATE/DURATION. This Agreement shall be effective from the date first executed by two parties and shall remain in effect unless terminated or extended. Should fewer than all named Parties execute this Agreement, the Agreement when filed as provided herein will be effective as between the County and the Parties that have executed the Agreement to the same extent as if no other Party had been named.
7. FILING. Prior to entry into force, this Agreement will be filed with the Kitsap County Auditor's Office or, alternatively, listed by subject on a public agency's web site or other electronically retrievable public source in compliance with RCW 39.34.040.
8. ADDITIONAL PARTIES. Additional governmental entities may to be added as a party to this Agreement in the future, with the approval of the Sheriff and the Kitsap County Fire Chiefs Association, by executing an amendment this Agreement executed by the party requesting to begin participation and all current Parties to this Agreement. The Amendment must be filed with the Kitsap County Auditor's Office in compliance with RCW 39.34.040.
9. TERMINATION. Any Party may terminate their participation in this Agreement with 60-days prior notice to the other Parties. Termination by one Party does not terminate the Agreement as to the remaining Parties. A terminated Party assumes no responsibility for

the acts or omissions occurring after the termination effective date but will remain liable for acts or omissions occurring prior to the termination effective date.

10. PROPERTY

- A. The parties do not anticipate the acquisition of property for the performance of this Agreement and any property acquired by a Party during this Agreement shall be held by and remain the property of the acquiring Party.
- B. All durable and consumable goods purchased and provided by a Fire Agency shall be returned to the Fire Agency if the KCT Provider leaves the team or the Fire Agency terminates involvement with this Agreement.

11. COMPENSATION. No Party shall seek or be entitled to compensation for services rendered under this Agreement from any other Party to this Agreement. Nothing shall prohibit a Fire Agency from obtaining reimbursement from a third-party as provided in 44 CFR Part 151 (REIMBURSEMENT FOR COSTS OF FIREFIGHTING ON FEDERAL PROPERTY) or from other agencies not a party to this Agreement.

12. INSURANCE. Each Party shall maintain in good standing during the term of this Agreement adequate general liability insurance to protect against losses and risks arising out of or related to the Services provided under this Agreement in such amounts as are prudent and customary for the jurisdiction.

13. INDEMNIFICATION

A. To the extent of its comparative liability, each Party agrees to indemnify, defend, and hold harmless the other Party, and the other Party's elected and appointed officials, employees, agents, and volunteers (and their marital communities) from and against any and all claims, damages, losses, and expenses, including but not limited to court costs, attorneys fees, and alternative dispute resolution costs, for violation of any law applicable to a Party, any violation of those policies and procedures adopted by the Parties to accomplish the purposes of this Agreement, any personal injury, or any bodily injury, sick disease, or death, and for any damage to or destruction of any property (including the loss of uses therefrom) which are alleged or proven to be caused by an act or omission, negligent or otherwise, of the Party, its elected and appointed officials, employees, agents, or volunteers (and their marital communities).

B. Participation in Defense, No Waiver. A Party reserves the right, but shall have no obligation, to participate in the defense of any claim, damages, losses or expenses and such participation shall not constitute a waiver of the Party's indemnity obligations under this Agreement.

C. Survival of Indemnity Obligations. All indemnity obligations shall survive the completion, expiration or termination of this Agreement.

14. INDEPENDENT CAPACITY

A. Each Party and its respective employees or agents will act as an independent contractor and continue to be the employees or agents of that Party, which will be solely and exclusively responsible for their employees and agents. Employees and agents of one

party will not be considered for any purpose whatsoever under this Agreement to be employees or agents of another Party to this Agreement. No Party will have the authority to bind another Party, absent a written agreement of the parties, nor the authority to control the employees, agents, or contractors of another Party to this Agreement. All rights, duties and obligations of the employer will remain with the employing Party. Each Party agrees to indemnify, defend, and hold harmless the other Parties in any action arising from or related to the negligence of its own employees, including all costs of defense and attorney's fees.

- B. Each Party shall be solely and exclusively responsible for the compensation, benefits, training expenses, and all other costs and expenses for its employees. Each Party will be responsible for ensuring compliance with all applicable laws, collective bargaining agreements, and civil service rules and regulations regarding its own employees.
 - C. Personnel assigned as TEMS members shall conform to rules and procedures of their employing agency, as well as Kitsap County SWAT policies and procedures. It is the responsibility of the TEMS participants to inform the SWAT Chief of any policy conflicts. All disciplinary matters shall be the responsibility of the TEMS member's employer.
 - D. Fire Agencies may, in their discretion, refuse to commit and/or recall personnel, equipment, or both, to a position and/or task as deemed appropriate by Fire Agency's command.
15. **NOTICE.** All notices will be delivered in writing to the Fire Chiefs or Sheriff. Notice mailed by regular post (including first class) shall be deemed to have been given on the second business day following the date of mailing, if properly mailed and addressed. Notices sent by certified or registered mail shall be deemed to have been given on the day next following the date of mailing, if properly mailed and addressed. For all types of mail, the postmark affixed by the United States Postal Service shall be conclusive evidence of the date of mailing.
16. **NONDISCRIMINATION.** No Party will discriminate against any person on the basis of race, color, creed, religion, national origin, age, sex, marital status, sexual orientation, veteran status, disability, or other circumstance prohibited by federal, state, or local law, and shall comply with Title VI of the Civil Rights Act of 1964, P.L. 88-354 and Americans with Disabilities Act of 1990 in the performance of this Agreement.
17. **GOVERNING LAW, VENUE, FEES.** The Agreement will be governed in all respects by the laws of the State of Washington, both as to interpretation and performance, without regard to conflicts of law or choice of law provisions. Any action arising out of or in connection with the Agreement may be instituted and maintained only in a court of competent jurisdiction in Kitsap County, Washington or as provided by RCW 36.01.050. Should any Party bring any legal action, each Party in such action shall bear the cost of its own attorney's fees and court costs.

18. **COMPLIANCE WITH LAWS.** The parties shall comply with all applicable laws, rules and regulations pertaining to them in connection with the Services provided and matters covered in the Agreement, including but not limited to applicable regulations of the Washington Department of Labor and Industries, including WA-DOSH Safety Regulations, bargaining agreements, and all relevant state and federal workplace safety requirements and .
19. **DISPUTE RESOLUTION.** In the event of a dispute between the Parties regarding the terms and condition, or performance, of this Agreement, the Parties shall use their best efforts to resolve those difference on an informal basis.
20. **NO JOINT VENTURE.** Nothing contained in this Agreement shall be construed as creating any type or manner of partnership, joint venture, or other joint enterprise between the Parties.
21. **IMPLIED CONTRACT TERMS.** Each provision of law and any terms required by law to be in the Agreement are made a part of the Agreement as if fully stated in it.
22. **PRESS AND RELEASE OF INFORMATION.** Press releases and/or the release of information to the media will be made by the agency that has the jurisdiction where the event occurred in accordance with the releasing agency's established media release policy. No press releases will be made by another agency regarding the incident without the prior approval of the agency(s) having jurisdiction, and the Kitsap County Fire Chiefs' Association. No Party will release the Team tactics, intelligence or other information, the nondisclosure of which is essential to effective law enforcement. RCW 42.56.240.
23. **PUBLIC RECORDS ACT.** Notwithstanding any provisions of this Agreement to the contrary, to the extent any record, including any electronic, audio, paper or other media, is required to be kept or indexed as a public record in accordance with the Washington Public Records Act, chapter 42.56 RCW (as may be amended), each Party agrees to maintain all records constituting public records and to produce or assist the other Party in producing such records, within the time frames and parameters set forth in state law.
24. **SEVERABILITY.** The provisions of this Agreement are severable. Any term or condition of this Agreement or application thereof deemed to be illegal, invalid or unenforceable, in whole or in part, shall not affect any other terms or conditions of the Agreement and the parties' rights and obligations will be construed and enforced as if the Agreement did not contain the particular provision.
25. **SURVIVAL.** Those provisions of the Agreement that by their sense and purpose should survive expiration or termination of the Agreement shall so survive. Those provisions include, without limitation, the respective responsibilities of each Party, compensation, and indemnification.
26. **HEADINGS.** Headings of this Agreement are for convenience only and shall not affect the interpretation of this Agreement.

27. ENTIRE AGREEMENT. This Agreement contains all terms and conditions agreed upon by the Parties, except necessary operational agreements, and supersedes any other agreement or understanding of the Parties relating to the subject matter of this Agreement. No other understanding, oral or otherwise, regarding the subject matter of this Agreement shall be deemed to exist or to bind the Parties.
28. AMENDMENT. This Agreement may be amended from time to time as deemed appropriate by the parties, provided, any such amendment will not become effective unless written and signed by all parties to this Agreement with the same formality as this Agreement.
29. DISCLAIMER. Nothing in this Agreement will be construed in any manner that would limit a Party's authority or powers under law.
30. NO THIRD-PARTY RIGHTS. This Agreement is intended to be solely between the parties. No part of this Agreement shall be construed to add, supplement, or amend existing rights, benefits, or privileges of any third-party. Nothing in this Agreement will be construed as giving any benefits, rights, remedies, or claims to any other person, firm, corporation, or other entity including, without limitation, the public or any member thereof, or to authorize anyone not a party to this Agreement to maintain a suit for breach of contract, personal injuries, property damage, or any other relief in law or equity in connection with this Agreement.
31. ASSIGNMENT. The rights or obligations under this Agreement, and any claims arising thereunder, are not assignable or delegable by any Party.
32. NO WAIVER. A failure by any Party to exercise its rights under this Agreement shall not preclude that Party from subsequent exercise of such rights and shall not constitute a waiver of any other rights under this Agreement unless stated to be such in a writing signed by an authorized representative of the Party.
33. COUNTERPARTS, ELECTRONIC SIGNATURE. The Agreement may be executed in several counterparts, each of which will be deemed an original, but all of which together will constitute one and the same agreement. A facsimile, email, or other electronically delivered signatures of the parties shall be deemed to constitute original signatures and deemed to constitute duplicate originals.
34. AUTHORIZATION. Any authorizations, actions required or permitted to be taken, and any document required or permitted to be executed under this Agreement will be taken or executed only by a duly authorized representative of the Party. Each Party warrants and represents to the other that the person signing below has been properly authorized and empowered to execute this Agreement on behalf of the Party for whom they sign.

DATED THIS ____ DAY OF _____, 2023.

KITSAP COUNTY SHERIFF'S OFFICE

JOHN GESE, SHERIFF

DATED or ADOPTED this ____ day of _____, 2023.

BOARD OF COUNTY COMMISSIONERS
KITSAP COUNTY, WASHINGTON

CHARLOTTE GARRIDO, Chair

CHRISTINE ROLFES, Commissioner

KATHERINE T. WALTERS, Commissioner

ATTEST:

Dana Daniels, Clerk of the Board

DATED THIS __ DAY OF _____, 2023.

BAINBRIDGE ISLAND FIRE DEPARTMENT

JARED MORAVEC, FIRE CHIEF
Bainbridge Island Fire Department

DATED or ADOPTED this ____ day of _____, 2023.

BAINBRIDGE ISLAND FIRE

APPROVED

Clerk of the Board

DATED THIS __ DAY OF _____, 2023.

POULSBO FIRE DEPARTMENT

JAMES GILLARD, FIRE CHIEF
Poulsbo Fire Department

DATED or ADOPTED this ____ day of _____, 2023.

POULSBO FIRE DEPARTMENT

Chairman, Jim Ingalls

Darryl Milton

Dave Ellingson

Jeff Uberuaga

Bill Whiteley

APPROVED

Clerk of the Board

DATED THIS ___ DAY OF _____, 2023.

NORTH KITSAP FIRE AND RESCUE

RICK LANGANDEUR, Fire Chief

DATED or ADOPTED this ____ day of _____, 2023.

NORTH KITSAP FIRE AND RESCUE

ATTEST:

District Secretary

DATED THIS __ DAY OF _____, 2023.

CENTRAL KITSAP FIRE AND RESCUE DISTRICT

JASON CHRISTIAN, Fire Chief

DATED or ADOPTED this ____ day of _____, 2023.

CENTRAL KITSAP FIRE AND RESCUE DISTRICT

BOB MUHLEMAN, Board Chair

KEN ERICKSON, Commissioner

NATE ANDREWS, Commissioner

ROD ELMORE, Commissioner

ATTEST:

District Secretary

DATED THIS __ DAY OF _____, 2023.

SOUTH KITSAP FIRE AND RESCUE DISTRICT

JEFF FAUCETT, Fire Chief

DATED or ADOPTED this ____ day of _____, 2023.

SOUTH KITSAP FIRE AND RESCUE DISTRICT

GERALD PREUSS, Vice Chair Position 1

DUSTY WILEY, Chair Position 2

MICHAEL ESLAVA, Position 3

KYLE JOYCE, Position 4

PAUL GOLNIK, Position 5

ATTEST:

District Secretary

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4I

SUBJECT:

Interagency Agreement with WA State
Department of Natural Resources

Study Session Date: December 13, 2023
COUNCIL MEETING Date: December 20, 2023
Department: Fire
Presenter: Pat McGanney, Fire Chief
Phone: (360) 473-5381

SUMMARY:

This agreement will allow the City of Bremerton Fire Department to provide resources to DNR and establish payment and reimbursement responsibilities to the City of Bremerton. This is a renewal of the current agreement that expires December 31, 2023.

ATTACHMENTS:

Interagency Agreement with DNR

FISCAL IMPACTS (Include Budgeted Amount): No cost.

STUDY SESSION AGENDA:

Limited Presentation Full Presentation

STUDY SESSION ACTION:

Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to approve Interagency Agreement with Department of Natural Resources and authorize the Mayor to finalize and execute the agreement with substantially the same terms and conditions as presented.

COUNCIL ACTION:

Approve Deny Table Continue No Action



INTERAGENCY AGREEMENT
DEPARTMENT OF NATURAL RESOURCES (DNR) and
CITY OF BREMERTON
NO. 93-105219

PI: 221, 222, 223, 224
Funding Source: State
Grant Funded: Yes No

This Agreement is made and entered into between the Washington State Department of Natural Resources, hereinafter referred to as DNR, and the below named District/RFA/Department hereinafter referred to as the City of Bremerton.

DNR and CITY OF BREMERTON enter into this agreement under Chapter 39.34, Interlocal Cooperation Act.

CITY OF BREMERTON
911 Park Avenue
Bremerton, WA 98337
Phone: 360-473-5380
Email: patrick.mcganney@ci.bremerton.wa.us

IT IS MUTUALLY AGREED THAT:

1.0 Purpose. The limited purpose of this Agreement is for City of Bremerton to provide employees, referred to as single resources, equipment, material and/or services for wildfire or other emergency response and to establish DNR's payment and reimbursement responsibilities to City of Bremerton for providing such single resources, equipment material and/or services. Dispatches under this agreement are limited to the State of Washington, unless the single resource is rostered on a Pacific Northwest Incident Management Team (IMT) type 1, 2 or 3.

2.0 Scope of Work. The City of Bremerton shall furnish the necessary personnel, equipment, material and/or services and otherwise do all things necessary for or incidental to perform work set forth in the Attachment A – Scope of Work.

3.0 Period of Performance. The period of performance of this Agreement shall begin on _____, **2023**, and end on **December 31, 2028**, unless terminated sooner as provided herein.

4.0 Billing Procedures. City of Bremerton shall submit invoices within sixty (60) days of the last date of demobilization. Payment for approved goods and/or services will be made by check, warrant or account transfer within 30 days of receipt of the invoice and required documentation. Upon expiration of the Agreement, invoices shall be paid, if received within 30 days after the expiration date. However, invoices for all work done within a fiscal year must be submitted within 30 days after the end of DNR’s fiscal year, which is June 30th.

Each invoice submitted to DNR shall include information needed by DNR to determine the actual expenditures to be reimbursed and the exact nature of all approved expenditures for services provided. Invoices & billing packages shall be prepared according to the requirements outlined in Attachment A.

5.0 Records Maintenance. City of Bremerton shall maintain books, records, documents and other evidence, to sufficiently document all direct and indirect costs incurred by City of Bremerton in providing the services. These records shall be available for inspection, review, or audit by personnel of the DNR, other personnel authorized by the DNR, the Office of the State Auditor, and federal officials as authorized by law. City of Bremerton shall keep all books, records, documents, and other material relevant to this Agreement for the retention period established under the applicable Washington State Records Retention Schedule. The Office of the State Auditor, federal auditors, and any persons authorized by the parties shall have full access to and the right to examine any of these materials during this period.

Records and other documents in any medium furnished by one party to this agreement to the other party, will remain the property of the furnishing party, unless otherwise agreed. The receiving party will not disclose this material to any third parties without first notifying the furnishing party and giving it a reasonable opportunity to respond. Each party will use reasonable security procedures and protections to assure that records and documents provided by the other party are not erroneously disclosed to third parties.

6.0 Independent Capacity. The employees or agents of each party who are engaged in performing this Agreement shall continue to be employees or agents of that party and shall not be considered for any purpose to be employees or agents of the other party.

7.0 Amendments. This Agreement may be amended by mutual agreement of the parties. Amendments shall be in writing and signed by personnel authorized to bind each of the parties.

8.0 Termination for Convenience. Either party may terminate this Agreement upon 30 calendar days' prior written notice to the other party. If this Agreement is terminated, the parties shall be liable only for performance rendered or costs incurred in accordance with the terms of this Agreement prior to the effective date of termination.

9.0 Termination for Cause. If for any cause either party does not fulfill in a timely and proper manner its obligations under this Agreement, or if either party violates any of the terms and conditions, the aggrieved party will give the other party written notice of the failure or violation. The aggrieved party will give the other party 15 working days to correct the violation or failure. If the failure or violation is not corrected within 15 days, the aggrieved party may immediately terminate this Agreement by notifying the other party in writing.

10.0 Disputes. If a dispute arises, each party will make a good faith effort to resolve issues at the lowest possible level in their respective agencies. If they cannot resolve an issue, they will elevate the issue within their respective chains of command to resolve it.

ALTERNATE DISPUTE RESOLUTION. In the event of any issue of controversy under this agreement, the parties may pursue Alternate Dispute Resolution procedures to voluntarily resolve those issues. These procedures may include, but are not limited to, conciliation, facilitation, mediation, and fact finding.

11.0 Governance. This contract is entered into the authority granted by the laws of the State of Washington and any applicable federal laws. The provisions of this agreement shall be construed to conform to those laws.

If there is an inconsistency in the terms of this Agreement, or between its terms and any applicable statute or rule, the inconsistency shall be resolved by giving precedence in the following order:

- (1) Applicable federal statutes and rules, that supersede applicable State of Washington statutes and regulations;
- (2) State of Washington statutes and regulations;
- (3) Scope of Work; and
- (4) Any other provisions of the agreement, including materials incorporated by reference.

12.0 Assignment. The work to be provided under this Agreement and any claim arising from this Agreement cannot be assigned or delegated in whole or in part by either party, without the express prior written consent of the other party. Neither party shall unreasonably withhold consent.

13.0 Waiver. A party that fails to exercise its rights under this agreement is not precluded from subsequently exercising its rights. A party's rights may only be waived through a written amendment to this agreement.

14.0 Severability. The provisions of this agreement are severable. If any provision of this Agreement or any provision of any document incorporated by reference should be held invalid, the other provisions of this Agreement without the invalid provision remain valid.

15.0 Responsibilities of the Parties/Indemnification. DNR shall indemnify and hold harmless the City of Bremerton from all claims, costs, damages or expenses arising out of the negligent acts or omissions of DNR. Likewise, the City of Bremerton shall indemnify DNR from all claims, costs, damages or expenses arising out of the negligent acts or omissions of the City of Bremerton. In the case of negligence of both the City of Bremerton and DNR, any damages shall be levied in proportion to the percentage of negligence attributable to each party. For this purpose, each party by mutual negotiation, hereby waives any immunity that would otherwise be available against such claims under the industrial insurance provisions of Title 51 RCW.

16.0 Insurance. Before using any of said rights granted herein and its own expense, City of Bremerton shall purchase and maintain, or require its agent(s)/subcontractor to purchase and maintain, the insurance described below for the entire duration of this Agreement. Failure to purchase and maintain the required insurance may result in the termination of the Agreement at DNR's option.

All insurance provided in compliance with this Agreement shall be primary as to any other insurance or self-insurance programs afforded to, or maintained by, the State of Washington, Department of Natural Resources.

City of Bremerton shall provide DNR with certificates of insurance, executed by a duly authorized representative of each insurer, showing compliance with the insurance requirements specified in this Agreement before using any of said rights granted herein. The description section of the certificate shall contain the Contract Number and the name of the DNR Project Manager. City of Bremerton shall also provide renewal certificates as appropriate during the term of this Agreement.

City of Bremerton shall include all subcontractors and agents as insured under all required insurance policies or shall provide separate certificates of insurance for each subcontractor or agent. Failure of City of Bremerton to have its subcontractors and agents comply with the insurance requirements contained herein does not limit City of Bremerton's liability or responsibility.

INSURANCE TYPES & LIMITS: The limits of insurance, which may be increased by State, as deemed necessary, shall not be less than as follows:

Commercial General Liability (CGL) Insurance: City of Bremerton shall purchase and maintain commercial general liability insurance with a limit of not less than \$2,000,000 per each occurrence. If such CGL insurance contains aggregate limits, the general aggregate limits shall be at least twice the "each occurrence" limit, and the products-completed operations aggregate limit shall be at least twice the "each occurrence" limit. All insurance must cover liability arising out of premises, operations, independent contractors, products completed operations, personal injury and advertising injury, and liability assumed under an insured contract (including the tort liability of

another party assumed in a business contract) and contain separation of insured (cross-liability) condition.

Employer's liability ("Stop Gap") Insurance: City of Bremerton shall purchase and maintain employer's liability insurance and if necessary, commercial umbrella liability insurance with limits not less than \$2,000,000 each accident for bodily injury by accident and \$2,000,000 each employee for bodily injury by disease.

Business Auto Policy (BAP) Insurance: City of Bremerton shall purchase and maintain business auto insurance and if necessary, commercial umbrella liability insurance with a limit of not less than \$2,000,000 per accident, with such insurance covering liability arising out of "Any Auto". The policy shall be endorsed to provide contractual liability coverage and cover a "covered pollution cost or expense." City of Bremerton waives all rights of subrogation against State for the recovery of damages to the extent they are covered by business auto liability or commercial umbrella liability insurance.

Industrial Insurance (Workers Compensation): City of Bremerton shall comply with Title 51 RCW by maintaining workers compensation insurance for its employees City of Bremerton waives all rights of subrogation against State for recovery of damages to the extent they are covered by Industrial Insurance, employer's liability, general liability, excess, or umbrella insurance.

ADDITIONAL PROVISIONS:

Additional Insured: DNR, its officials, agents, and employees shall be named as additional insured by endorsement on all general liability, excess, and umbrella insurance policies.

Cancellation: DNR shall be provided written notice before cancellation or non-renewal of any insurance referred to therein, in accord with the following specifications.

1. Insurers subject to Chapter 48.18 RCW (Admitted and Regulated by the Insurance Commissioner): The insurer shall give the State 45-days advance notice of cancellation or nonrenewal. If cancellation is due to non-payment of premium, the State shall be given 10-days advance notice of cancellation.
2. Insurers subject to Chapter 48.15 RCW (Surplus Lines): The State shall be given 20-days advance notice of cancellation. If cancellation is due to non-payment of premium, the State shall be given 10-days advance notice of cancellation.

Insurance Carrier Rating: All insurance shall be issued by companies admitted to do business in the State of Washington and have a rating of A-, Class VII, or better. Any exception must be reviewed and approved by the DNR Risk Manager or the DNR Contracts Manager, in the Risk Manager's absence. If an insurer is not admitted to do business in the State of Washington, all insurance policies and procedures for issuing the insurance policies must comply with Chapters 48.15 RCW and 284-15 WAC.

Self-Insurance: If City of Bremerton is self-insured, including insurance under a recognized governmental entity insurance pool evidence of its status as a self-insured entity shall be provided to State. The evidence should demonstrate that City of Bremerton’s self-insurance meets all of the required insurance coverage of this Agreement to the satisfaction of State including the description of the funding mechanism and its financial condition. If the funding mechanism or financial condition of the self-insurance program of City of Bremerton is inadequate, then State may require the purchase of additional commercial insurance to comply with this Agreement.

Waiver: City of Bremerton waives all rights of subrogation against State for recovery of damages to the extent these damages are covered by general liability, excess, or umbrella insurance maintained pursuant to this Agreement.

17.0 Complete Agreement in Writing. This Agreement contains all the terms and conditions agreed upon by the parties. No other understanding, oral or otherwise, regarding the subject matter of this Agreement shall be deemed to exist or to bind any of the parties.

18.0 Contract Management.

District Contract Manager Information	DNR Contract Manager Information
Patrick McGanney City of Bremerton 911 Park Avenue Bremerton, WA 98337 <i>Phone: 360-473-5380</i> <i>Email address:</i> patrickmcganney@ci.bremerton.wa.us	Daniel Eide Department of Natural Resources 950 Farman Avenue North Enumclaw, WA 98022 <i>Phone: 360-802-7030</i> <i>Email address: daniel.eide@dnr.wa.gov</i>
District Project Manager Information	DNR Project Manager Information
Patrick McGanney City of Bremerton 911 Park Avenue Bremerton, WA 98337 <i>Phone: 360-473-5380</i> <i>Email address:</i> patrickmcganney@ci.bremerton.wa.us	Daniel Eide Department of Natural Resources 950 Farman Avenue North Enumclaw, WA 98022 <i>Phone: 360-802-7030</i> <i>Email address: daniel.eide@dnr.wa.gov</i>

By signature below, the Parties certify that the individuals listed in this document, as representatives of the Parties, are authorized to act in their respective areas for matters related to this instrument.

IN WITNESS WHEREOF, the Parties have executed this Agreement.

CITY OF BREMERTON

**STATE OF WASHINGTON
DEPARTMENT OF NATURAL
RESOURCES – SOUTH PUGET
SOUND REGION**

Signature	Date
Greg Wheeler	
Name	
Mayor	
Title	
911 Park Avenue	
Bremerton, WA 98337	
Address	
360-473-5380	
Telephone	

Signature	Date
Don Melton	
Name	
Region Manager - Acting	
Title	
950 Farman Avenue North	
Enumclaw, WA 98022	
Address	
360-825-1631	
Telephone	

Signature	Date
Pat McGanney – Fire Chief	
Name& Title	

Signature	Date
Kylie Finnell – City Attorney	
Name & Title	

Signature	Date
Angela Hoover – City Clerk	
Name & Title	

ATTACHMENT A**SCOPE OF WORK**

This agreement is to allow City of Bremerton to provide personnel for wildfire or emergency response within the State of Washington and to define DNR's responsibility to pay and reimburse City of Bremerton. This includes IMT members and wildland resources (personnel, equipment, services and supplies available, or potentially available, for assignment to incidents) Personnel and equipment are described by kind and type, e.g., ground, water, air, etc., and may be used in tactical, support or overhead capacities at an incident. This agreement will not be an avenue for dispatches to fires outside of the State of Washington with the exception of rostered Type 1, 2 and 3 IMT members. This agreement does not address wildfire or emergency response operations, incident command or operational decisions.

If a district/department has a Forest land Response Agreement (FLRA) it will take precedence over this agreement for dispatches to wildfire incidents, and this agreement will only be used for dispatching of IMT members to non-wildfire/all-hazard incidents.

This agreement extends to all District/Department members as defined below:

- Washington Fire Service (WFS) agency personnel that are full-time and part-time paid employees, and personnel under contract/agreement with the District/Department will be paid by the District/Department. DNR will reimburse District/Department costs as outlined in this agreement. Personnel covered under this section are regularly paid by the agency for performed work and are compensated the same for work including if assigned to an incident covered by this agreement "Full and Part Time Personnel."
- Members dispatched by DNR from a WFS agency that have contracts for the sole purpose of responding to wildfire or non-wildfire incidents outside of the agency's jurisdictional boundaries are paid by the agency and reimbursed in accordance with the Washington State Wage & Equipment Rate Guide "Temporary Personnel."
- Members of a WFS agency who are volunteers will need to be hired by DNR via the DNR casual hire process and paid directly by DNR. This may be completed pre-season, and shall be completed prior to the first dispatch. The local DNR Region office will handle the casual hire process.

District/Department agrees that/to:

- 1) All personnel dispatched will have a valid Incident Qualification Card (red card) stating current qualifications; and will adhere to qualifications and standards described in PMS 310-1;
- 2) Provide a copy of the Master IQS Record for each participating employee (needed to update status in Interagency Resource Ordering Capability (IROC));
- 3) Provide local DNR Dispatch with status of each employee who is listed as a rostered IMT member every Monday by 1200 hours. Dispatch will then update their status in IROC for that week (0800 Tuesday to 0800 Tuesday).

- 4) All personnel and equipment dispatched will be paid by the District/Department; (except volunteers will follow payment procedures outlined in their individual agreement and be paid directly by DNR);
- 5) All Equipment and Personnel dispatched under this agreement will arrive at each incident with a copy of their current agreement.
- 6) Invoice for personnel, equipment, & travel cost billed to DNR shall be submitted within sixty (60) days and will include the following:
 - a. DNR Personnel Reimbursement Request Worksheet
 - b. Original Emergency Fire Time Report (OF-288); hourly wage rate including salaries & benefit (regular and OT) for personnel hours on the OF-288.
 - c. Original Shift Ticket (OF-297) documenting mileage to/from incident as well as daily mileage incurred on the incident signed by incident supervisor.
 - d. Original Emergency Equipment Use Invoice (OF-286) signed by finance section on the incident.
 - e. Copy of district/department shift schedule
 - f. Earning statements showing hourly wage for each employee
 - g. Receipts or Copy of Employee travel reimbursement for travel expenses.
 - h. Copy of Resource Order card.
- 7) Volunteers shall submit original copies of payment documents directly to the DNR region office for payment.
- 8) For fire line or off-road use, only utilize agency owned vehicles or procured rental vehicles. If agency owned vehicles are available, they shall be used prior to procuring a rental vehicle.
 - a. Rental vehicles for off-road use must be procured using the USFS NERV rental vehicle agreement.
 - b. Off-road rental vehicles procured from alternative sources other than the agreement listed above are not compensable.
 - c. Rental vehicle authorization must be documented on the resource order. Please speak with your local DNR Region for more specific information.
 - d. In order to provide appropriate tracking for all rental vehicles, rentals ordered for overhead shall be ordered using the resource's O#. They do not require their separate resource order number.
 - e. The use of USFS NERV rental vehicles is specific to off-road use. Rental vehicles used for non-fire line positions must be approved on the resource order, and shall be rented through alternative sources other than the USFS NERV rental vehicle agreement.

DNR agrees that/to:

- 1) Status the employee in the Interagency Resource Ordering Capability System (IROC).
- 2) Dispatch resources on preseason IMT rosters, and alternate pool list.
- 3) Reimburse the District/Department within 30 days of receipt of complete & accurate invoice and required documentation.

- 4) Reimburse the District/Department for Temporary Personnel under contract or agreement with the District/Department, as defined above, per the Interagency Wildfire Resource Wage Rates in the Washington State Wage & Equipment Rate Guide.
- 5) Reimburse the District/Department for Full and Part Time Personnel (as defined above) to the resource provider at the resource provider's actual total cost. This will include backfill cost for the Full-time Personnel as outlined in the State Mobilization Plan.
 - a. DNR will reimburse district/department of all regular scheduled hours for the personnel assigned to the incident.
 - b. The DNR will not pay for muster time, wildland premium pay, portal to portal, or other unspecified pay provisions.
 - c. Sleeping Periods, Meal Breaks, Time required for vehicle/equipment maintenance, Crew Change Time, Out of Service Time are considered non-compensable.
- 6) Reimburse Fire Service District/Department for approved travel expenses. The following guidelines apply:
 - a. Per-diem is authorized for resources while traveling to an incident for meals that they are in travel status for the entire DNR designated meal period, and will be based on where the resource stops to sleep.
 - i. Breakfast: 7AM-8AM
 - ii. Lunch: 12PM-1PM
 - iii. Dinner: 6PM-7PM
 - b. Once arriving at an incident all resources shall stay and eat in camp. Resources may not seek reimbursement for meals or lodging unless services are not provided by the incident.
 - c. Approval for per diem shall be documented on the resource order card, or through written approval including justification, from the Incident Commander.
 - d. Reimbursement for approved per-diem for incidents in Washington will be paid in accordance with Washington State Office of Financial Management (OFM) rates. Receipts are not required.
 - e. Reimbursement for approved per-diem for incidents outside Washington, will be paid using the U.S. General Service Administration (GSA) daily per diem rates, applying the following breakdown: 25% for Breakfast, 30% for Lunch, 45% for Dinner, applied to daily totals including meals & incidental rates. Receipts are not required.
 - f. Local resources who return home each night, and do not remain in camp overnight will not be entitled to per diem.
 - g. Hotels will only be reimbursed at actual expenses including daily rate and applicable taxes, not to exceed the government rates established in (GSA). All hotel reimbursements require an itemized receipt, and must be approved with a resource order or written approval from the Incident Commander. Booking fees associated with online travel agents are non-compensable.
 - h. Alternate accommodations may be utilized at the expense of the user. The cost for alternative accommodations is not reimbursable.
 - i. For travel home if sack lunches are provided, per diem claims will not be reimbursed.

- j. Travel time to and from the incident will be paid according to the DNR pay provisions in the Washington State Wage & Equipment Rate Guide.
 - k. Travel time and cost associated with picking up and dropping off rental vehicles will be paid according to the DNR pay provision in the Washington State Wage & Equipment Rate Guide.
- 7) Reimburse the district/department for all approved supply expenses approved at the incident. The following guidelines apply:
- a. All supply expenses, with the exception of rental car fuel, require a resource order from the incident in order to be reimbursable.
 - b. Itemized receipts must be included for all supply purchases in order to be eligible for reimbursement.
- 8) To pay all volunteers directly, unless otherwise requested in writing by the Chief. Volunteers will be paid for hours worked at the rates in the Washington State Wage & Equipment Rate Guide.
- 9) Reimburse district/department for Equipment Cost at the rates published in the Washington State Wage & Equipment Rate Guide.
- a. All equipment will be paid at the wet rate
 - b. All equipment will be paid based on the resource order
 - c. All equipment will be paid according to the DNR provisions in the Washington State Wage & Equipment Rate Guide.

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

4J

SUBJECT:

Acceptance of the Lodging Tax Advisory Committee's 2024 Funding Recommendations

Study Session Date:	<u>December 13, 2023</u>
COUNCIL MEETING Date:	<u>December 20, 2023</u>
Department:	<u>City Council</u>
Presenter:	<u>Denise Frey</u> <u>LTAC Chair</u>
Phone:	<u>(360) 473-5280</u>

SUMMARY:

The Lodging Tax Advisory Committee (LTAC) received fifteen (15) requests totaling \$815,900. Also received was a request by the City of Bremerton for renewal of the City's commitment of \$250,000 (annually for 5-years) for operation of the Kitsap Conference Center.

Direction provided by City Council for funding requests included support of long-time community events, kick-starting new events, tourism-based organizations and venues, and municipal projects. Also, criteria provided by the City Council when evaluating the requests included economic impact, events or activities to draw tourists from 50 miles or more away, events or activities that reflect Bremerton's diversity, and requests that demonstrated collaboration with other community organizations.

Following the application process, interviews with the applicants were held on November 13 and 14, followed by deliberations on November 28. The LTAC is now presenting for the Council's consideration Funding Recommendations for all 15 of the applicants with a total proposed allocation of \$355,000 (Exhibit A). Also to be included in the City's 2024 Budget are continued annual commitments to the Kitsap Conference Center for \$250,000 and the previously approved \$150,000 for the Admiral Theatre, for a grand total of \$755,000 for Fiscal Year 2024.

ATTACHMENTS: 1) Exhibit A – LTAC Funding Recommendations for 2024

FISCAL IMPACTS (Include Budgeted Amount): RCW 67.28 specifies that the LTAC's recommendations may either be accepted or rejected. If any individual recommendation is rejected by City Council, then the proposed change must be submitted to the LTAC for review and comment, allowing for up to 45 days before final action on the funding is taken.

Funding may only be allocated to the list of eligible applicants provided by the LTAC.

A delay in funding could potentially impact event planning in progress by organizations.

STUDY SESSION AGENDA: Limited Presentation Full Presentation

STUDY SESSION ACTION: Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to accept the Lodging Tax Advisory Committee's 2024 Funding Recommendations per Exhibit A.

COUNCIL ACTION: Approve Deny Table Continue No Action

EXHIBIT A - Lodging Tax Advisory Committee 2024 Funding Recommendations

Organization	Proposed Event/Project Highlights	Proposed Use of Funding	Request	Recommendation
Collective Visions Gallery	Juried Art Show, Concerts Expanding Events (Concerts, Workshops, Lectures)	Tourism Promotion and Operations	\$15,000	\$5,000
Puget Sound Navy Museum	Website, Signage, Banner, Ads, Brochure	Tourism Promotion and Operations	\$5,000	\$5,000
WayzGoose Kitsap	Social Media, Signage, Flyers, Brochures, Postcards	Tourism Promotion and Operations	\$30,000	\$7,500
West Sound Pickleball	Blackberry Blast Pickleball Tournament	Operations	\$24,000	\$7,500
Bremerton Rotary	Blackberry Festival Social Media, Video, Signage, Flyers	Tourism Promotion and Operations	\$40,000	\$10,000
City of Bremerton - Consultant	Review economic/tourism impact of awards Clarify goals of tourism initiatives Develop Recommendations	Operations	\$16,000	\$10,500
Roxy Theatre Foundation	Quincy Square Ground Breaking, West Sound Film Festival, New Year's Eve	Tourism Promotion and Operations	\$30,000	\$12,500
UNDA1SUN	Roots, Rock & Reggae Concert *New Event*	Tourism Promotion and Operations	\$40,000	\$15,000
Kitsap History Museum	History Uncorked, Eat Your Way Through Kitsap, First Fridays, Black History/Quincy Square Exhibit	Tourism Promotion and Operations	\$50,000	\$20,000
Downtown Bremerton Association	St. Patrick's Day Parade, Rock the Dock, West Sound Film Fest, Zine Fest, Green Drinks, Trick or Treat Street	Tourism Promotion and Operations	\$43,000	\$22,000
WSSEF	WA State Science and Engineering Fair Jr. Science and Humanities Symposium Science Film Festival International Space Station Event	Tourism Promotion	\$50,000	\$30,000
Sunny Jack Events	Bridge Blast, Taste of Kitsap, Kitsap Wedding Expo, First Friday Night Markets	Tourism Promotion and Operations	\$122,500	\$40,000
Bremerton Historic Ships Association	WA State Ferries, News, Magazine	Tourism Promotion	\$50,000	\$45,000
Visit Kitsap Peninsula	Website, Social Media, Public Relations, Marketing, Downloadable Guides	Tourism Promotion and Operations	\$157,000	\$55,000
Greater Kitsap Chamber	Armed Forces Day Festival and Parade Visitor Center	Tourism Promotion and Operations	\$143,400	\$70,000
Total Requests for Funding			\$815,900	
Total Recommended Funding				\$355,000
Continued Funding to Kitsap Conference Center				\$250,000
Continued Funding to the Admiral Theatre				\$150,000
Total Continued Funding				\$400,000
Total 2024 Lodging Tax Funding				\$755,000

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

SUBJECT:

Approval of Social Media Policy
as Addendum to Council Rules and
Procedures

Study Session Date: December 13, 2023
COUNCIL MEETING Date: December 20, 2023
Department: City Council
Presenter: Jeff Coughlin
Phone: (360) 473-5280

SUMMARY: Council updated its Rules and Procedures during the October 18, 2023 Council Meeting, but at that time, usage of social media was not addressed. The proposed policy outlines the appropriate use of social media by elected officials and if approved, would be included as an addendum to the Council Rules and Procedures.

ATTACHMENTS: 1) Proposed Social Media Policy; and 2) Resolution No. 3366 (approved October 18, 2023)

FISCAL IMPACTS (Include Budgeted Amount): N/A

STUDY SESSION AGENDA: Limited Presentation Full Presentation

STUDY SESSION ACTION: Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to approve the Social Media Policy and include as an addendum to the Council Rules and Procedures, under Resolution No. 3366.

COUNCIL ACTION: Approve Deny Table Continue No Action

CITY OF BREMERTON		SOCIAL MEDIA FOR CITY COUNCILMEMBERS	
INDEX	EFFECTIVE DATE: REVIEW DATE: REVISED DATE:		APPROVED BY CITY COUNCIL
			Jeff Coughlin, Council President

ORGANIZATIONS AFFECTED Bremerton City Council

REFERENCES Bremerton City Council Rules and Procedures
City Council Resolution No. 3366, October 18, 2023

- RCW 42.17A.555 Use of public office or agency facilities in campaigns – Prohibition – Exceptions.
- Ch. 42.23 RCW Code of Ethics for Municipal Officers – Contract Interests
- Ch. 42.30 RCW Open Public Meetings Act
- Ch. 42.36 RCW Appearance of Fairness Doctrine - Limitations
- Ch. 42.56 RCW Public Records Act

PURPOSE The purpose of this policy is to establish a formal process and standards for the use of social media by Councilmembers in their official capacity. The purpose of social media sites/tools that are owned or maintained by the City of Bremerton for Councilmembers is to provide a limited forum for Councilmembers to communicate with their constituents and members of the public regarding subjects that are directly related to the City of Bremerton and the Bremerton community. This Policy will be added as an addendum to the Bremerton City Council Rules and Procedures.

DECLARATION OF POLICY This policy outlines the roles, responsibilities, and best practice recommendations for the use of social media by Councilmembers in their official capacity. The City’s Councilmembers are committed to open and progressive communications with their constituents utilizing available and future technologies within the limits of the law.

This policy applies to any social media site or tool used by Councilmembers in their official capacity to communicate with

constituents or the general public. Where indicated, certain provisions of this policy shall apply only to social media sites/tools that are owned or maintained by the City of Bremerton, including sites/tools that are established by the City for Councilmembers. It is primarily each Councilmember's responsibility to ensure compliance with this policy.

IT IS THE CITY'S PREFERENCE AND INTENT THAT COUNCILMEMBERS WILL NOT UTILIZE SOCIAL MEDIA TO COMMUNICATE IN THEIR OFFICIAL CAPACITY EXCEPT THROUGH SOCIAL MEDIA SITES/TOOLS THAT ARE OWNED OR MAINTAINED BY THE CITY OF BREMERTON. THE USE OF PRIVATE SOCIAL MEDIA SITES/TOOLS FOR THIS PURPOSE IS STRONGLY DISCOURAGED.

DEFINITIONS

"Chat" is a social media feature or separate app that allows messages to be sent to groups or an individual.

"Comment" is a response to a post, an article or other social media content submitted by a visitor.

"Councilmember" includes Councilmembers and any staff working on a Councilmember's behalf to represent him or her using a social media tool.

"Like" is a feature that allows users to show their support for specific comments, pictures, wall posts, statuses, or fan pages. The "Like" button allows users to show their appreciation for content without having to make a written comment.

"Post" is an original entry onto a social media site by the user of the site.

"Sharing" is to relay a previously created post onto a different social media site.

"Social Media" are third-party hosted online technologies that facilitate social interactions and dialogue. These online technologies are operated by non-city hosted services and may be used by the Councilmembers to communicate with the public. Such third party hosted services/tools may include, but are not limited to: social networking sites (Facebook, Linked-In), micro-blogging tools (Twitter/X, RSS feeds), audiovisual networking sites (YouTube, Flickr), and blogs, etc.

“Tagging” is a mechanism of linking a person, page, or place to a post.

“Visitor” is a person who views a Councilmember’s social media site.

GENERAL POLICY

Social media may be used by the Bremerton City Council and/or individual Council members to communicate with the public. When used in relation to City business, social media must be archived in compliance with applicable record retention laws. To ensure adherence to applicable record retention schedules, Council members should register all social media accounts used for City business with the City Information Technology Department so that such accounts may be set- up for appropriate social capture and archiving.

While social media, with its use of popular abbreviations and shorthand, does not adhere to standard conventions of correspondence, the content and tenor of online conversations, discussions, and information posts and comments should model the same professional behavior displayed during Council meetings and community meetings.

Social media are not to be used by Councilmembers as mechanisms for conducting official city business other than to informally communicate with the public. Examples of business that may not be conducted through social media include: making policy decisions, official public noticing, and discussing confidential City matters that have not been approved for release to the public. Councilmembers’ social media site(s) should contain links directing users back to the City’s official website for in-depth information, forms, documents, or online services necessary to conduct official city business. If a Councilmember is contacted by a constituent about City business on their private social media about City business, the Councilmember should direct the constituent to their official social media or City email. Contact the City Attorney on guidance regarding preservation of records on private social media.

If a Councilmember’s private social media is tagged, the Councilmember should promptly remove the tag. Councilmembers should adjust all their social media settings to require review and permission prior to being tagged on a social media post. This will allow the Councilmember to keep their private social media from being tagged on posts related to City business.

**ETHICS AND
ELECTIONS RULES
OF COMPLIANCE**

All content posted on individual Councilmembers' social media sites shall comply with applicable Bremerton City Council Rules and Procedures, City ordinances and policies, and Washington State law regulating public agencies and elected officials.

For social media sites/tools that are owned or maintained by the City of Bremerton, no content that promotes or advertises commercial services, entities, or products may be posted.

Councilmembers will not post or release proprietary, confidential, or sensitive information on social media sites in a manner that violates applicable state law, including, without limitation, RCW 42.23.070 – Prohibited Acts.

Social media sites/tools that are owned or maintained by the City of Bremerton shall not contain posts, comments, or links to any content that supports or opposes political candidates or ballot propositions, including, without limitation, links to a Councilmember's campaign site.

**RECORDS
RETENTION ACT
COMPLIANCE**

State and local records retention laws and schedules apply to social media content. All social media content that is required to be retained shall be maintained for the legally required retention period based on the subject matter of the content. Prior approval for each social media tool being used for City business must be received from the City Attorney. The City will retain records for approved social media sites/tools that are owned or maintained by the City of Bremerton.

Councilmembers are responsible for compliance with applicable retention schedules for any content which constitutes a "public record" as defined by Chapter 42.56 RCW posted to social media sites maintained by others. Councilmembers should consult with the City Clerk for the applicable retention schedule and method.

**PUBLIC RECORDS
ACT COMPLIANCE**

Content maintained in a social media format, i.e., Facebook, YouTube, Twitter, etc., that is related to City business, including communication between an individual Councilmember and constituents or the general public, and a site's listing of "friends" or "followers," may be considered a public record subject to disclosure under the state Public Records Act.

Any social media tools used should clearly state that all content submitted by members of the public is potentially subject to public disclosure pursuant to the Public Records Act, RCW 42.56. If it is not possible to display this notice prominently on the site, Councilmembers should notify users by including a link from the site

to the Public Records Act notice set out in Exhibit A, notify new users via response to posts, and/or periodically notify existing users via broadcast message.

Under the state Public Records Act, the City is responsible for responding accurately and completely to public records requests, potentially including a request for public records on social media maintained by individual Councilmember. Therefore, it is mandatory that records have been retained for the legally required retention period in accordance with applicable standards.

Users of, and visitors to, social media sites shall be notified that public disclosure requests must be directed to the City Clerk pursuant to the City's Public Records Disclosure Policy.

**OPEN PUBLIC
MEETINGS ACT AND
APPEARANCE OF
FAIRNESS
DOCTRINE
COMPLIANCE**

Communication between Councilmembers via social media, as with telephone and email, may potentially constitute a "meeting" under the Open Public Meetings Act, Chapter 42.30 RCW. For this reason, Councilmembers are prohibited from participating in social media discussions/threads regarding City business that involve a quorum of Council Members and are strongly discouraged from "friending" other Councilmembers or "liking" other Councilmember's posts regarding City business.

In addition, receiving or making posts or comments regarding quasi-judicial matters via social media may violate Council Policy and Chapter 42.36 RCW – the Appearance of Fairness Doctrine. To avoid receiving any comments on pending quasi-judicial matters that may violate the Appearance of Fairness Doctrine, Councilmembers are strongly encouraged to maintain social media sites with settings that can restrict users' ability to post content.

**CONTENT
GUIDELINES**

EQUAL ACCESS

Councilmembers are discouraged, in their official capacity, from posting or commenting on social media sites that require membership or subscription. When posting information or soliciting feedback on such a site, Councilmembers should always provide an alternate source for the same information or mechanism for feedback on the City's public web site, so that those who are not members of the social media site may have equal access.

EXHIBITS

EXHIBIT A

Posts, comments, or other content posted to this site, may be considered public records subject to public disclosure under the Washington State Public Records Act (RCW 42.56).

AGENDA BILL
CITY OF BREMERTON
CITY COUNCIL

6A

SUBJECT:

Resolution No. 3369 to approve the Joint
Compatibility Transportation Plan

Study Session Date: December 13, 2023
COUNCIL MEETING Date: December 20, 2023
Department: PW&U
Presenter: K. Ketterer
Phone: (360) 473-5334

SUMMARY:

The Joint Compatibility Transportation Plan is a technical guidance document that outlines recommended projects and policies that address traffic and parking issues related to Naval Base Kitsap – Bremerton’s operations. The plan includes over 30 recommended projects that the City and other agencies can implement over the next 20 years to address traffic and parking issues related to NBK-Bremerton. Passage of Resolution No. 3369 formally adopts the Joint Compatibility Transportation Plan, and directs staff to incorporate the recommendations into future planning documents.

ATTACHMENTS:

Resolution No. 3369
Report link: www.bremertonwa.gov/ictp

FISCAL IMPACTS (Include Budgeted Amount): None

STUDY SESSION AGENDA:

Limited Presentation Full Presentation

STUDY SESSION ACTION:

Consent Agenda General Business Public Hearing

RECOMMENDED MOTION:

Move to approve Resolution No. 3369 to adopt the Joint Compatibility Transportation Plan.

COUNCIL ACTION:

Approve Deny Table Continue No Action

RESOLUTION NO. 3369

A RESOLUTION of the City Council of the City of Bremerton, Washington, accepting the Joint Compatibility Transportation Plan.

WHEREAS, the City was awarded a \$750,000 grant from the Department of Defense Office of Local Defense Community Cooperation to study the traffic and parking issues affecting both Naval Base Kitsap – Bremerton and the City of Bremerton; and

WHEREAS, the City underwent a 3-year study with input from stakeholders including the US Navy, Kitsap County, Kitsap Transit, Port of Bremerton, WSDOT, Suquamish Tribe, and Greater Kitsap Chamber of Commerce to evaluate existing and future traffic issues and develop a series of recommendations to address the impacts; and

WHEREAS, the Community Sounding Board, composed of the stakeholders listed above, guided the study through 8 meetings and workshops held on 1/28/2021, 6/16/2021, 7/7/2021, 8/31/2021, 10/26/2021, 6/1/2022, 9/21/2022, and 5/17/2023; and

WHEREAS, the study was guided by public input gathered at 4 Public Meetings on 2/9/2021, 12/6/2021, 10/12/2022, 11/3/2022; and

WHEREAS, the study findings and recommendations were presented to Council on 6/22/2022, and 12/6/2023 as well as at the Public Works Committee meeting on 8/15/2023; and

WHEREAS, the study findings and final recommendations were consolidated into a report titled the Joint Compatibility Transportation Plan (JCTP); and

WHEREAS, the JCTP includes projects and policies to address traffic and parking impacts on City residents while preserving access to Naval Base Kitsap – Bremerton; and

WHEREAS, the JCTP includes a variety of construction projects for the City to deliver, including major construction projects such as the Naval Avenue and 6th Street Road Diets; and

WHEREAS, the JCTP includes a variety of other projects to be delivered by stakeholders including the US Navy, Kitsap Transit, WSDOT, Washington State Patrol; and

WHEREAS, individual projects from the JCTP for the City to deliver will be incorporated into the 2024 update of the City’s Transportation Element of the Comprehensive Plan, NOW THEREFORE,

THE CITY COUNCIL OF THE CITY OF BREMERTON, WASHINGTON,
DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. The Joint Compatibility Transportation Plan dated December, 2023 is hereby adopted by the City of Bremerton.

SECTION 2. *Severability.* If any one or more sections, subsections, or sentences of this Resolution are held to be unconstitutional or invalid, such decision shall not affect the validity of the remaining portion of this Resolution and the same shall remain in full force and effect.

SECTION 3. *Effective Date.* This Resolution shall take effect and be in force immediately upon its passage.

PASSED by the City Council of the City of Bremerton, Washington this _____ day of _____, 20____.

JEFF COUGHLIN, Council President

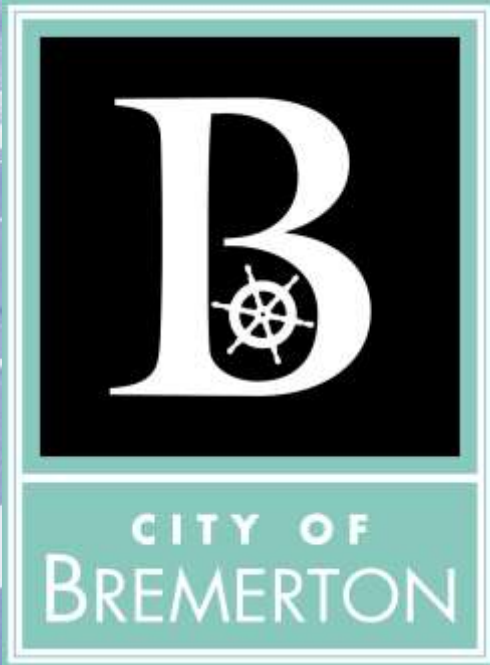
APPROVED AS TO FORM:

ATTEST:

KYLIE J. FINNELL, City Attorney

ANGELA HOOVER, City Clerk

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Joint Compatibility Transportation Plan

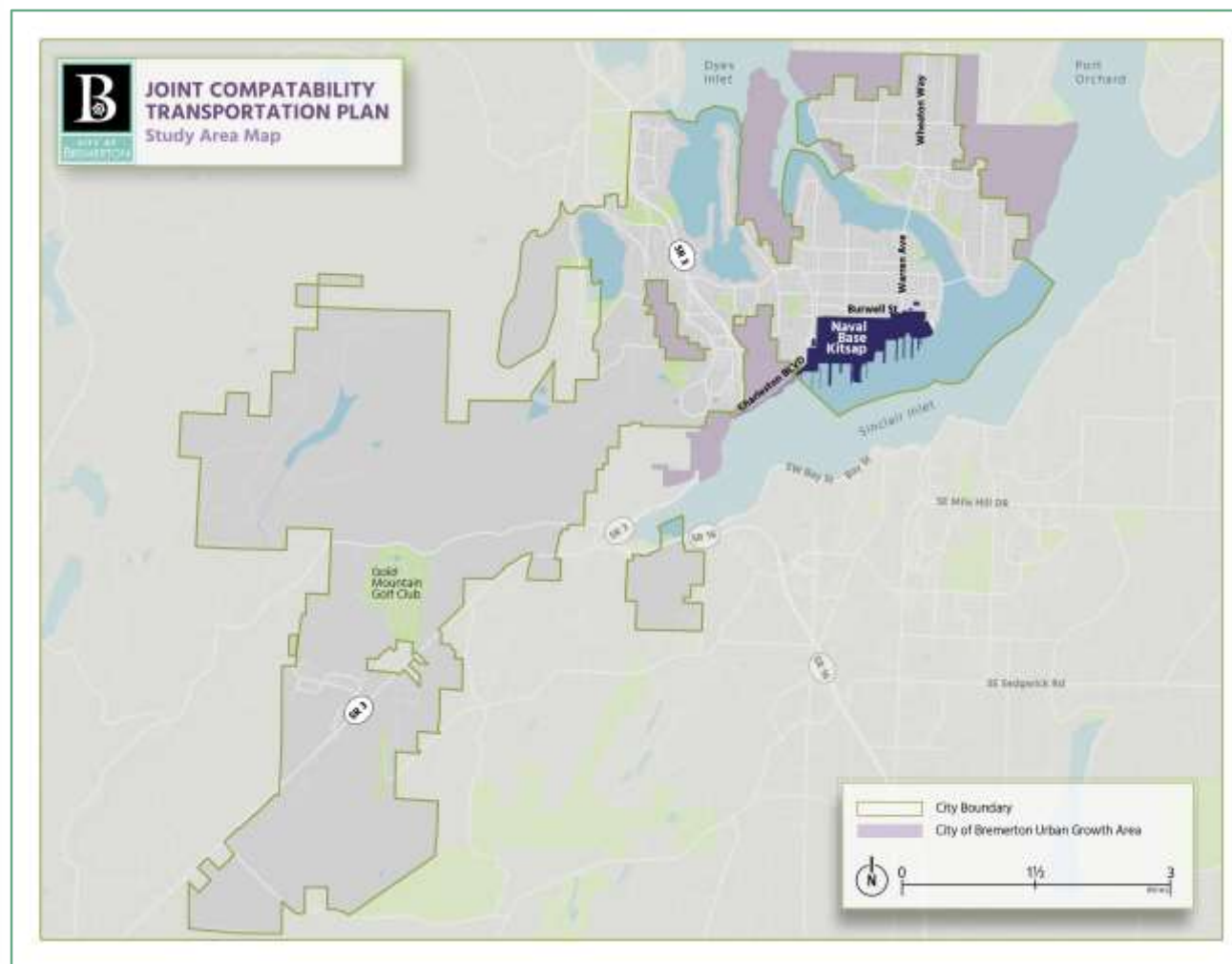
Council Meeting 12/20/2023

Agenda

- Brief Overview of JCTP Purpose
- Review of JCTP Outreach
- Review of Findings and Analysis
- Description of Livability Vision
- JCTP Outcome – Preferred Alternative Overview
- JCTP Report – Overview and Navigation
- Next Steps

Project Overview

- Bremerton has unique traffic and parking issues due to Naval Base Kitsap - Bremerton (NBK-BR), such as:
- traffic surges at shift changes
- limited parking both inside and outside fence line
- older infrastructure that is car focused
- forecasted population growth
- City and NBK-BR are partnering through a DOD grant to create a plan that will address these challenges
- \$750,000 Project (\$75k City, \$675k DOD)



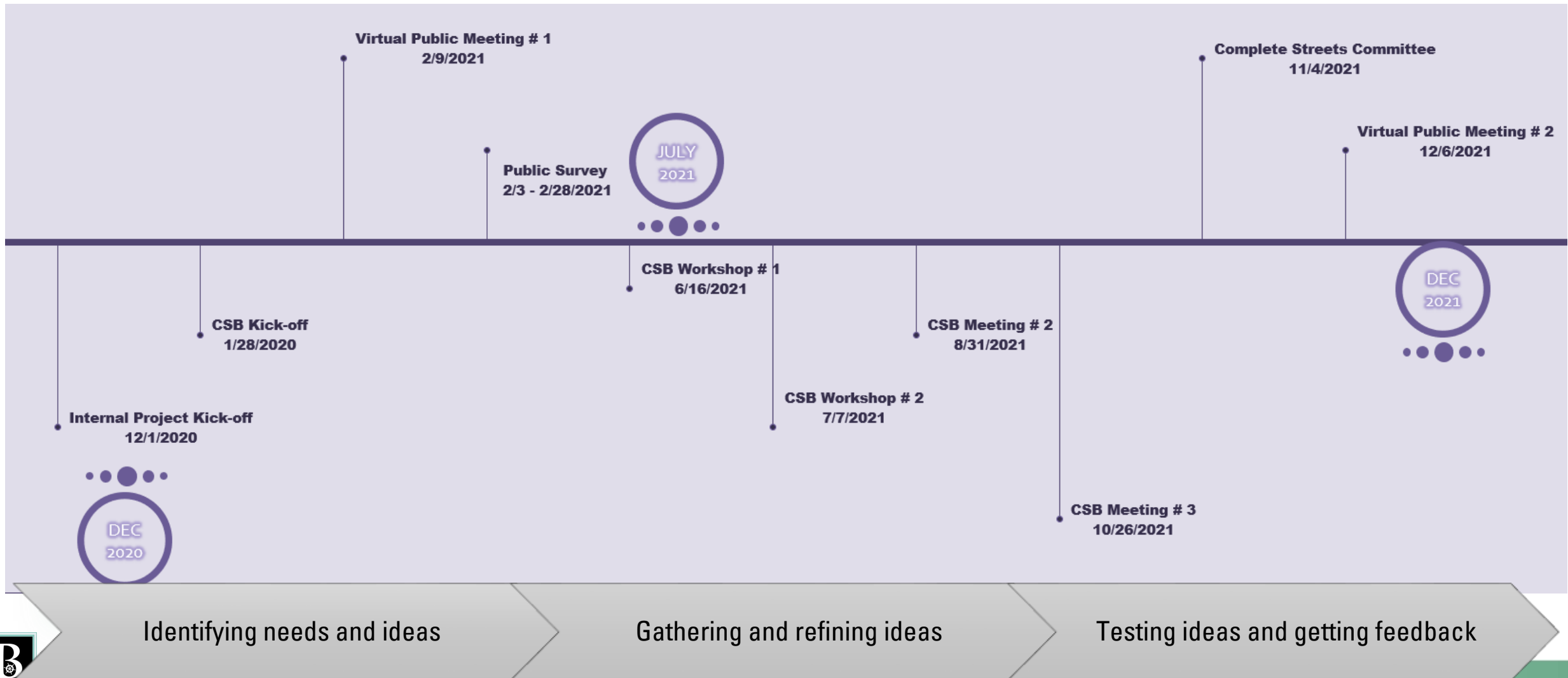
JCTP Purpose

- Examine existing and future need for all transportation modes serving NBK-BR
- Develop solutions to resolve deficits
- Evaluate options to mitigate transportation and parking demands
- Develop a prioritized implementation plan

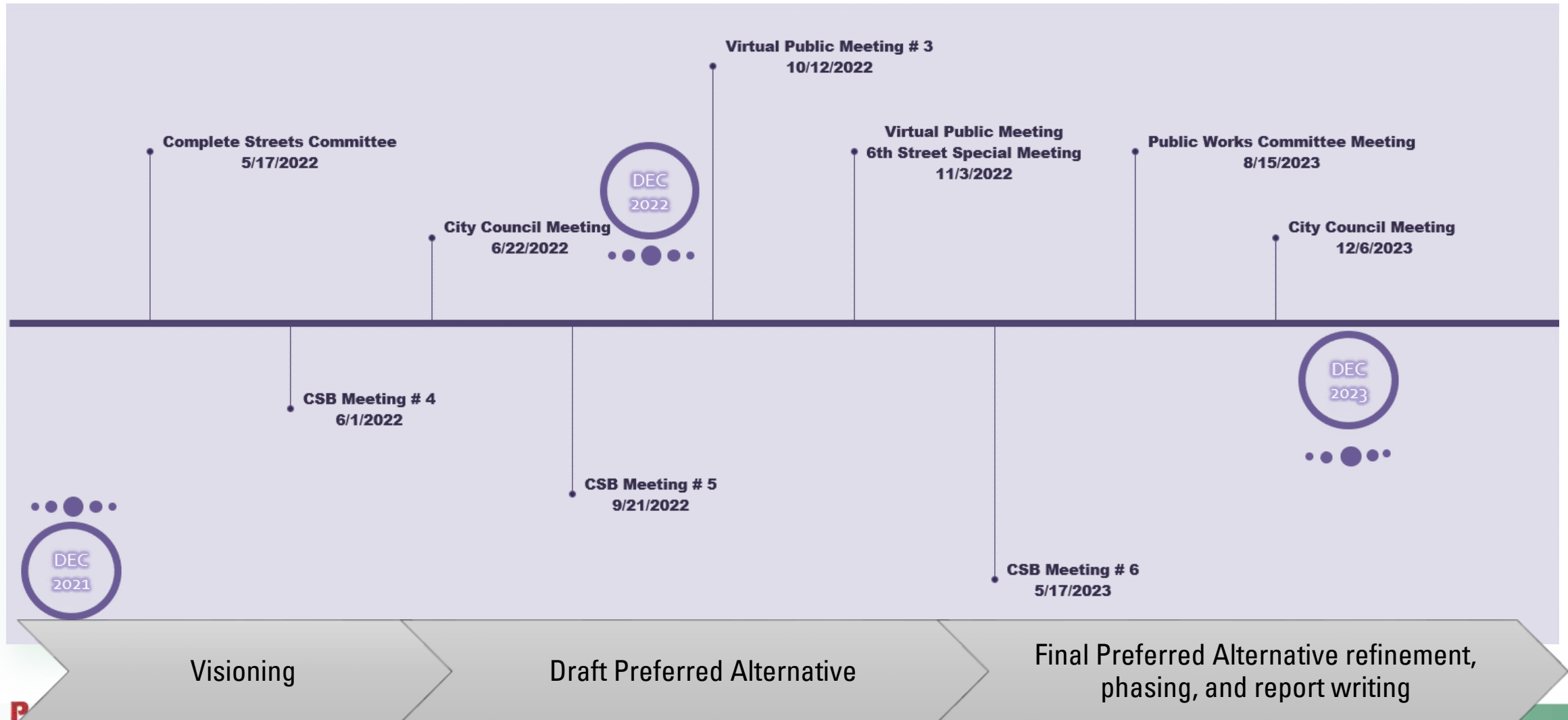


JCTP Outreach Review

2020 - 2021 Roadmap



JCTP Outreach Review 2022 – 2023 Roadmap



JCTP Findings and Analysis

Significant Findings

- Population growth will increase pressure on existing infrastructure, decreasing Bremerton's livability and degrading base accessibility
 - By 2050, peak hour traffic volumes will increase by over 30%
- NBK-BR operations create traffic surges and congestion
 - 60% of traffic coming into Bremerton during the peak period is attributed to NBK-BR
- By 2050 there will be significant congestion at several locations in Bremerton
 - Number of intersections operating at LOS F doubles
- 2017 Parking Study confirmed large numbers of commuter vehicles are parking illegally in Downtown and in neighborhoods
 - As downtown redevelops, it is likely that parking will go away, pushing illegal parking further into outlying neighborhoods, if nothing changes

JCTP Findings and Analysis

Alternatives Analysis

Alternatives were organized around parking strategies so that the project team could understand how traffic volume and parking patterns impact the potential solutions.

Alt 1 – Relocate Commuter Parking

Alt 2 – Support Commuter Parking

Alt 3 – Build Parking on Base (West Side)

- Add parking at strategic locations outside of downtown
- Fewer cars coming into downtown Bremerton
- Transit supportive projects

1

- Traffic volume increases with growth
- Capacity projects
- Traffic patterns stay consistent with current patterns

2

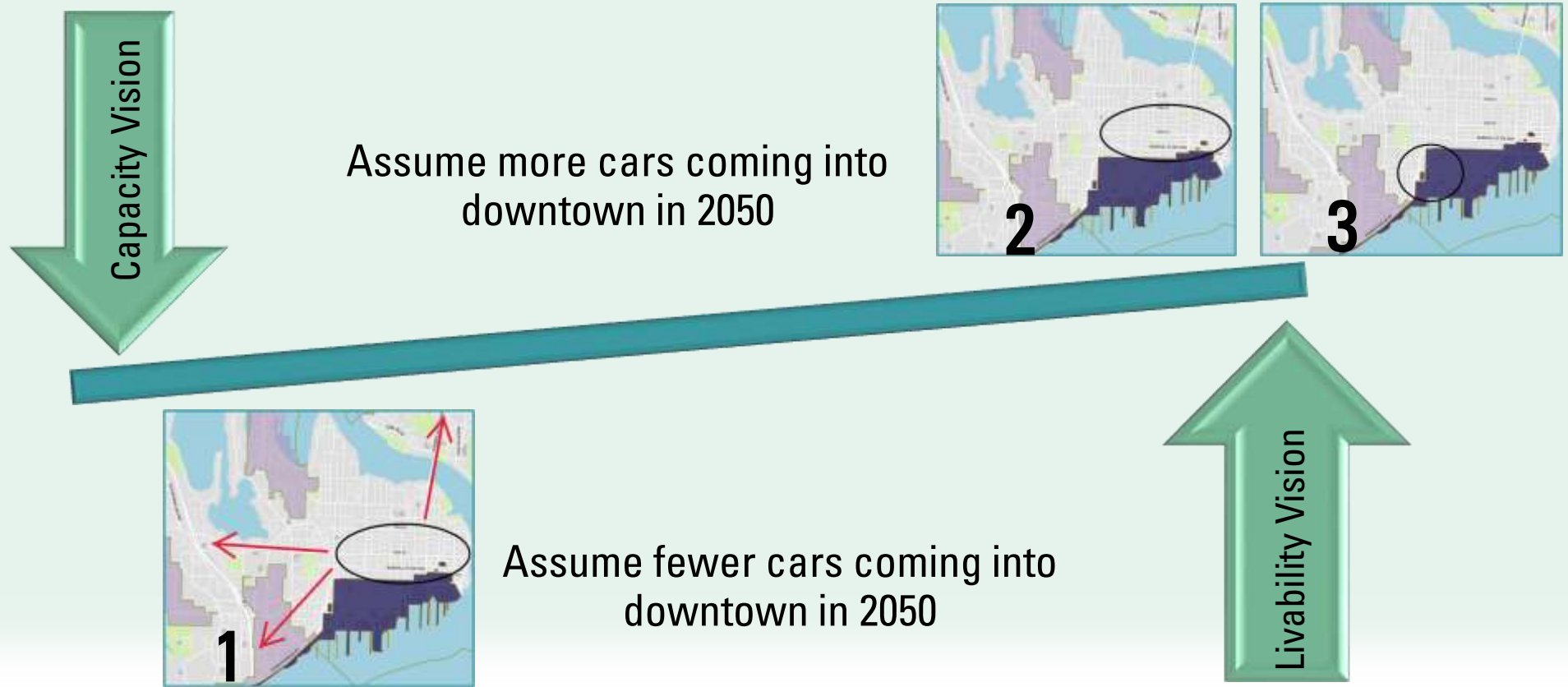
- Traffic volume increases with growth
- Capacity projects
- Traffic patterns shift to west side of base

3

Livability Vision

Establishing the Vision

To assemble a preferred alternative, the project team sought guidance on the vision from the CSB and the City Council. A "Livability Vision" that addresses the need to maintain Base accessibility was selected to move forward.



Livability Vision

Definition and How it was Measured in Analysis

Livability is a sum of factors that add up to a community's quality of life such as comfortable walking and bicycling, kids playing in the front yard, or simply sitting on the front porch enjoying home. (JCTP, ES-1)

- Livability was included as an evaluation metric and were qualitatively evaluated for their ability to improve:
 - Multi-modal connectivity
 - Parking for businesses
 - Walkable housing options
 - Health (improving physical health and reducing carbon emissions)

Livability Vision

How Livability Vision is Applied in the Preferred Alternative

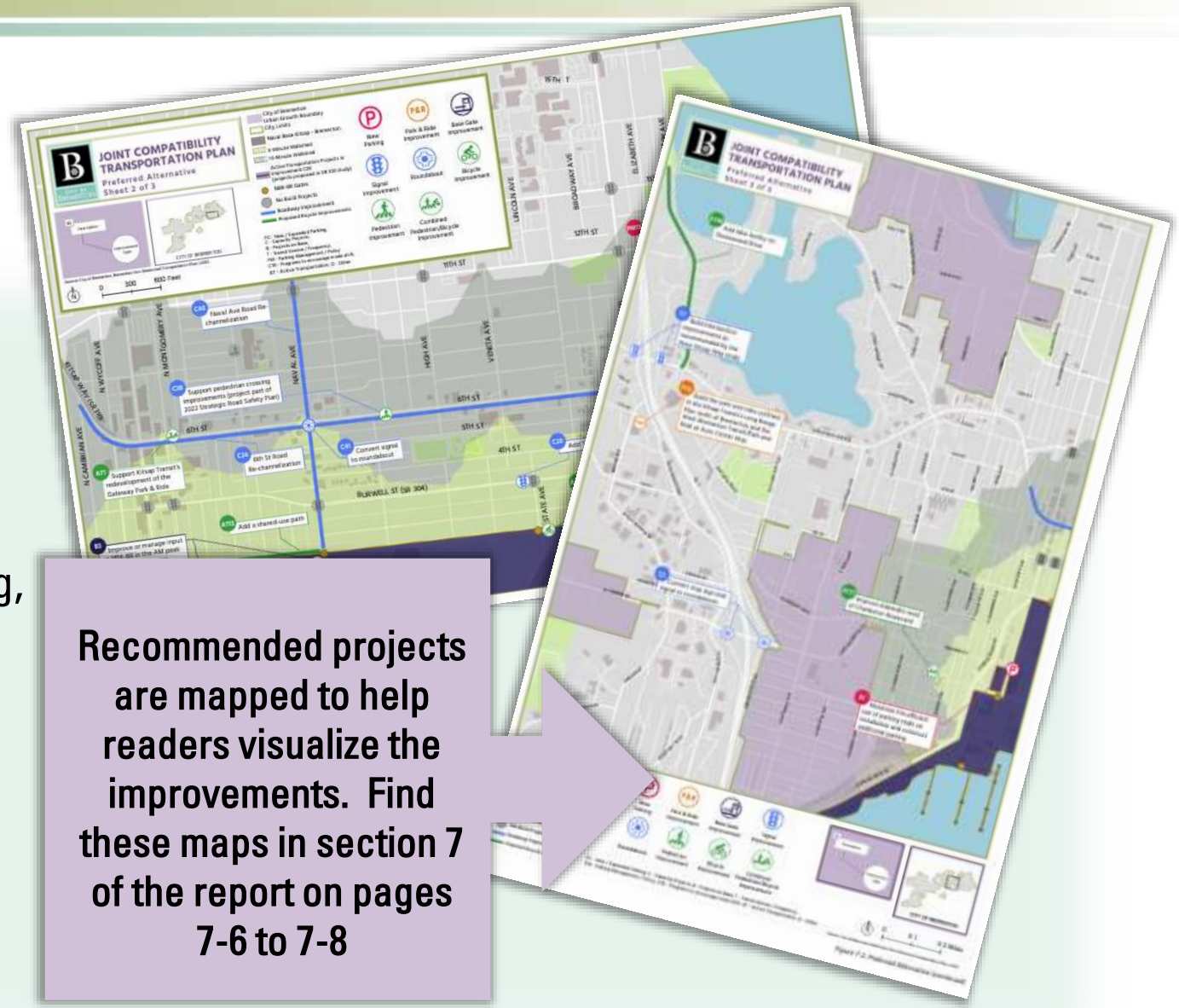
Prioritize safety and active transportation	»»»	17 of the 22 short-term projects are multi-modal or safety projects
Focus on active transportation accessibility by considering the active transportation network	»»»	Make getting around town by active modes easier and safer with projects like Naval Avenue and 6th Street re-channelization projects; mobility hub at Park Ave/4th St
Focus on shifting commuter travel modes from single occupancy vehicle to transit to lower the number of cars coming into Bremerton – Transportation System	»»»	Projects include park and rides, downtown shuttle, more and faster buses to NBK-BR and others
Focus on shifting commuter travel modes from single occupancy vehicle to transit to lower the number of cars coming into Bremerton - Behavior	»»»	Include policies and programs that are aimed at reducing barriers to transit use such as complicated Worker/Driver Bus reimbursements
Rejected capacity centered vision, but some capacity are still called for because unmitigated congestion can lead to livability issues such as increased carbon emissions	»»»	Rejected additional lanes on Burwell and Kitsap Way; included adaptive signals instead
Reduce support for commuter parking in the downtown core and in neighborhoods	»»»	No parking garages recommended off-base, parking policies that deter commuter parking in neighborhoods and in downtown

JCTP Outcome

Preferred Alternative Overview

Key projects include:

- Re-channelization projects for Naval Avenue and 6th Street
- Sidewalk improvements within the 10-minute walkshed of NBK-BR and 5-minute walksheds of transit facilities
- Mobility hub at 4th and Park (bike parking, ride share and shuttle space)
- Major investment into transit including both capital improvements like park & rides as well as system/operations expansions



Recommended projects are mapped to help readers visualize the improvements. Find these maps in section 7 of the report on pages 7-6 to 7-8

JCTP Outcome

Preferred Alternative Outreach

Generally, the Preferred Alternative received broad support. Below are a few examples of comments that were received and how we responded to those comments:

Parking policy recommendations confusing	»»»	Revised and simplified parking policies
Concerns about park & ride safety	»»»	Aligned park and ride projects with Kitsap Transit plans which focus on smaller mixed-use lots that are more active and less attractive targets for crime
Need to ensure alignment with Kitsap Transit and Kitsap County plans	»»»	Aligned transit projects with Kitsap Transit Long Range Plans and removed recommendations for large park and ride garages in the County
Bike path on 1st Street not included	»»»	Added 1 st Street Shared Use Path as a stand-alone project
Concerns about capacity loss on Naval and 6th Street	»»»	Performed added analysis to understand queuing potential during the AM and considered phasing of support projects (like adaptive signals)

12/6/23 Comment Review

Below are a few examples of comments that were received and our response:

Comment		Response
Plan should be aligned with 2024 Comp Plan Update	»»»	Completing this plan, which has a limited scope, will allow it to be incorporated into the Comp Plan Update
SR 303 Study projects should be re-prioritized within the JCTP – move up prioritization of multi-modal projects	»»»	Strategy is to leave the SR 303 Study whole and work to incorporate all of the plans with the Comp Plan Update
No dollar figures for projects	»»»	Cost estimates are included on the project one-pagers found in Appendix O of the plan
Call to increase density in downtown and support transit	»»»	JCTP Plan anticipates being forward compatible with changes that may occur with the Comp Plan Update
Transit and active transportation improvements needed for outlying areas	»»»	JCTP includes transit improvements and active transportation improvements for 5-minute walk-sheds around transit facilities; also will forward comment for the Comp Plan

JCTP Report Navigation

www.bremertonwa.gov/jctp



Link to report

Link to Appendices

JCTP Report

Overview

The JCTP Report includes:

- Executive Summary (ES-1)
- Public Outreach (3-1)
- Existing Conditions, Future Conditions (4-1, 5-1)
- Alternatives Process (6-1)
- Preferred Alternative and Phasing (7-1)
- Detailed 1-pagers for each recommended project (Appendix 0)

Next Steps

Council Adoption and Beyond

- Council to consider adoption of the plan at the 12/13 & 12/20 Council meetings
 - Adoption does not include zoning, code, or TIP changes
 - Adoption does not over-ride other planning documents
 - Gives us a blueprint for addressing issues, and can help us address new challenges as they arise or as conditions change
 - Strengthens grant applications and shows Council support for transformative projects such as the 6th Street re-channelization project.
- Final report will inform Transportation Element of the 2024 Comprehensive Plan Update
- Look for opportunities to implement plan elements

More Information

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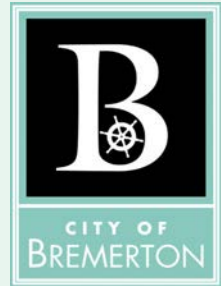
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www.bremertonwa.gov/jctp



Joint Compatibility Transportation Plan

Prepared for
CITY OF BREMERTON



Acknowledgments

The following agencies and organizations participated in the Joint Compatibility Transportation Plan. The study team would like to acknowledge and thank everyone involved.

Project Management Team

- Katie Ketterer – City of Bremerton
- Tom Knuckey – City of Bremerton
- Shane Weber – City of Bremerton

Community Sounding Board

- City of Bremerton
- Kitsap County
- Greater Kitsap Chamber of Commerce
- Kitsap Transit
- Naval Base Kitsap – Bremerton
- Puget Sound Naval Shipyard
- Port of Bremerton
- Washington State Department of Transportation

Consultant Team

- Parametrix – Prime Consultant
- Fehr & Peers – Travel Demand Modeling and Active Transportation
- Framework – Parking
- PRR – Public Involvement
- Community Attributes Inc – Economic Analysis

This study was prepared under contract with the City of Bremerton, Washington, with financial support from the Office of Local Defense Community Cooperation (formerly Office of Economic Adjustment), Department of Defense. The Joint Compatibility Transportation Plan content reflects the views of the City of Bremerton and does not necessarily reflect the views of the Office of Local Defense Community Cooperation.

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Acronyms and Abbreviations

ADA	Americans with Disabilities Act
AWSC	all-way stop-controlled
BAT	business access transit
BC	Naval Base Kitsap – Bremerton capital project
BMC	Bremerton Municipal Code
BP	Naval Base Kitsap – Bremerton policy project
CC	City of Bremerton capital project
CP	City of Bremerton policy project
City	City of Bremerton
County	Kitsap County
CSB	Community Sounding Board
CTR	commute trip reduction
DOD	Department of Defense
EIS	Environmental Impact Statement
GP	general purpose
HOV	high-occupancy vehicle
IMF	Intermediate Maintenance Facility
JCTP	Joint Compatibility Transportation Plan
KC	Kitsap Transit capital project
KP	Kitsap Transit policy project
LOS	level of service
NBK-BR	Naval Base Kitsap – Bremerton
P&R	park and ride
PSNS	Puget Sound Naval Shipyard
PSRC	Puget Sound Regional Council
RAB	roundabout
SIOP	Shipyard Infrastructure Optimization Program
SR	State Route
TIP	Transportation Improvement Program
TMA	transportation management association
TSP	transit signal priority
TWSC	two-way stop-controlled
UGA	urban growth area
v/c	volume-to-capacity ratio
WC	Washington State capital project
WP	Washington State policy project
WSDOT	Washington State Department of Transportation

Executive Summary

The City of Bremerton (City) and Naval Base Kitsap Bremerton (NBK-BR) have partnered to conduct a comprehensive commuter traffic plan. The goal of the study, formally called the Joint Compatibility Transportation Plan (JCTP), is to create a responsive and actionable plan to examine existing and future needs for all transportation modes serving NBK-BR and ensure that Bremerton's growth will not impede NBK-BR missions, which are critical to our Nation's military readiness. The plan defines solutions to improve multimodal mobility, outline parking strategies, and enhance Bremerton's livability. Livability is a sum of factors that add up to a community's quality of life such as comfortable walking and bicycling, kids playing in the front yard, or simply sitting on the front porch enjoying home. Success of this plan will ensure NBK-BR meets its missions for national defense while supporting Bremerton's long-range growth needs.

The goals of the study are as follows:

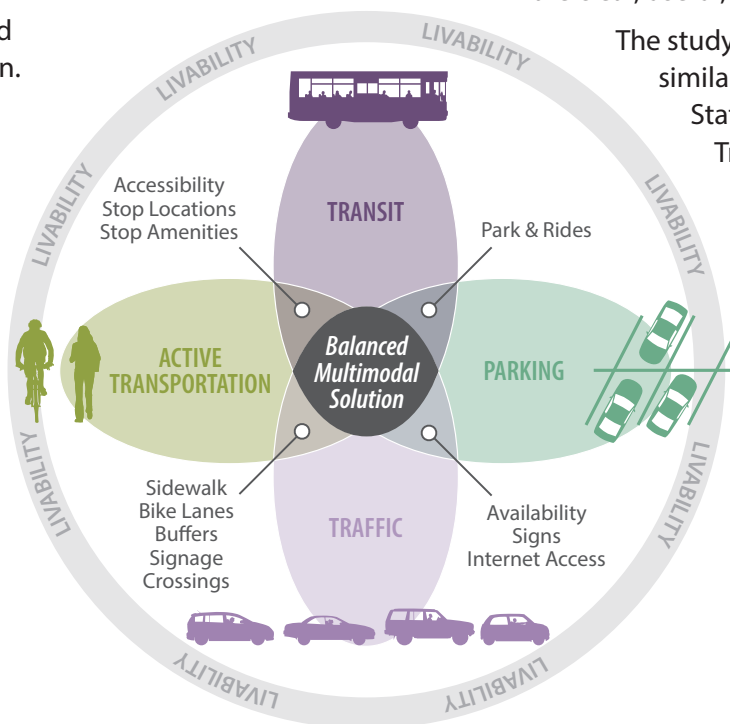
- Examine and define existing and future needs for all transportation modes serving NBK-BR.
- Develop solutions to resolve deficits.
- Evaluate options to mitigate transportation and parking demands.
- Develop a prioritized implementation plan.

What is the Joint Compatibility Transportation Plan?

This plan documents the specific purpose and need for improvements, how alternatives were developed, how the range of reasonable alternatives were screened, how tension between NBK-BR base accessibility and City livability goals was considered, and how the Preferred Alternative was identified. It builds on background planning, studies, parking inventories, and other ongoing efforts, including those prepared by the City, Kitsap Transit, NBK-BR, Kitsap County, and other regional agencies, as well as supplemental data collected by the study team. Additionally, the region has assets such as a ferry system, a worker/driver bus program, a transportation center adjacent to the east end of NBK-BR, and a strong regional planning council (Kitsap Regional Coordinating Council) that, with a comprehensive cross-agency plan, can be leveraged to produce capital and operational improvements to the transportation network.

This final JCTP identifies short-, mid-, and long-term capital and operational improvements prioritized based on metrics determined during the study that are clear, useful, and actionable.

The study team used an approach similar to the Washington State Department of Transportation (WSDOT) Practical Solutions approach to develop solutions that meet the study goals at the right level while working toward a Preferred Alternative.



Study Approach

IDENTIFY EXISTING AND FUTURE NEEDS FOR ALL TRANSPORTATION MODES SERVING NBK-BR

The study team reviewed previous studies to outline key findings for each transportation mode, coordinated with City staff on the existing and future needs, conducted a workshop with a technical advisory group to refine and finalize existing and future needs, and hosted an open house to gather public comments and input on the existing and future needs. Significant findings included:

- During the peak period, 60% of traffic coming into Downtown Bremerton is attributed to NBK-BR and 80% of NBK-BR employees commute by driving alone or in a shared vehicle, with a total of 18,500 people traveling to NBK-BR by privately owned vehicles during the AM peak period.
- Over 6,300 NBK-BR commuter vehicles park outside of the gates during the peak period, and over 10,000 employees enter the NBK-BR pedestrian gates each day.
- NBK-BR has an on-installation parking deficit on the order of 7,075 vehicles, and there is insufficient parking in the City of Bremerton to address the deficit. A parking study conducted by the City (City of Bremerton 2017) confirmed that large numbers of commuter vehicles park illegally in Downtown and in neighborhoods.
- Vehicle queues at NBK-BR entry gates sometimes cause back-ups on City streets. Additionally, there are multiple locations where queues exceed available storage capacity. Long queues block business driveway access, increase travel times for both general-purpose (GP) traffic and transit, and can lead to cut-through traffic in neighborhoods.
- Buses use the same facilities as GP traffic and have limited frequency, which does not encourage transit use.
- Existing park and rides in West Bremerton and Silverdale do not have adequate capacity and are not able to meet the transit demand in these locations.
- Existing active transportation facilities and connectivity are poor, can contribute to perceived safety concerns, and do not encourage walking or bicycling to and within Downtown.

DEVELOP SOLUTIONS TO RESOLVE DEFICITS

The study team reviewed the existing and future needs and developed a range of improvements to address the needs in a variety of ways. Over 200 solutions to resolve deficits were developed based on input from Community Sounding Board (CSB) meetings, the public, other defense communities that have similar traffic issues, staff, and subject matter experts. Solutions that passed an initial screening were organized into Build Alternatives for further evaluation.

EVALUATE OPTIONS TO MITIGATE TRANSPORTATION AND PARKING DEMANDS

The study team conducted a workshop to develop and refine Build Alternatives to meet identified needs and developed screening and scoring metrics to evaluate alternative effectiveness. The team also developed conceptual layouts and preliminary cost estimates to determine feasibility and understand impacts and benefits. The three Build Alternatives evaluated were:

Support Parking Alternative

This alternative assumes the City continues to pursue population and employment growth and supports the current parking system used today. This alternative would result in higher levels of traffic coming into Downtown, which would be accompanied by roadway capacity improvements needed to accommodate that growth.

Relocate Parking Alternative

This alternative assumes a larger portion of commuters would use transit to access Downtown Bremerton and NBK-BR. This alternative includes new or expanded park and ride facilities, repurposing City parking areas to be mixed use, establishing new parking policies, and increasing parking enforcement. This alternative would result in lower levels of GP traffic coming into Downtown and would be accompanied by transit improvements and livability improvements that take advantage of the decreased traffic demand.

Add Base Parking Alternative

This alternative assumes that all NBK-BR employees would have access to current or new parking on base. This alternative includes expanded parking, a

shuttle to transport employees from on-installation parking to their work areas, and increased parking enforcement Downtown to ensure the on-installation parking is used. This alternative would result in a change in travel patterns Downtown from current local parking to on-installation parking near the Charleston gate and would be accompanied by roadway capacity improvements in the City. Downtown surface parking owned by the City could be re-purposed to mixed-use development.

SELECT A PREFERRED ALTERNATIVE

Figure 6-1 summarizes the screening results of the three Build Alternatives. The analysis revealed that none of the Build Alternatives would provide benefit for all of the evaluation metrics, and that there was tension between base accessibility and livability. All three Build Alternatives would provide benefit for safety. The Add Base Parking Alternative would provide the most benefit for mobility and base accessibility but would only provide some benefit for livability and no benefit to parking. Meanwhile, the Relocate Parking Alternative would provide the most benefit to parking and livability but would only provide some benefit to mobility and base accessibility.

The study team sought guidance from the CSB and the City Council to establish a vision for the Preferred Alternative. Both the CSB and the City Council strongly favored outcomes that improve the livability of the City. The alternative with the best livability outcomes was the Relocate Parking Alternative, and this alternative served as the basis for the Preferred Alternative.

DEVELOP A PRIORITIZED IMPLEMENTATION PLAN

Using the Preferred Alternative as a long-range vision, the study team developed a list of projects and other actions to meet the program goals. The recommendations include several early actions that can be expedited to provide benefit to the public as soon as possible. More information on the detailed methods and outcome from these steps can be found in the body of this report.

Who shaped the Joint Compatibility Transportation Plan?

The JCTP was led by the City and advised by a CSB composed of leadership representatives and subject matter experts from affected agencies and governments. This group was committed to a strong ongoing partnership and to fostering a regional perspective and approach to development of the JCTP. Community stakeholder engagement was solicited throughout the plan's development and through diverse communication channels. The study team conducted a public information survey and hosted several virtual open houses that offered accessible options to introduce the study to community members when in-person gatherings were restricted and discouraged due to COVID-19. Feedback from Bremerton residents was heavily considered when developing the vision of livability for Bremerton, while NBK-BR commuters provided valuable insight into commuter behavior and barriers to transit and active transportation use.






The Plan

The plan recommends projects that are divided into phases based on the type of project (capital or policy-based) and the agency that has the ownership or ability to lead the project. Recommended projects and project phasing include:

- Ongoing and Early Actions includes efforts or projects that are already underway and should continue, including commuter education, NBK-BR gate management, teleworking, implementation of recommendations from the City of Bremerton Parking Study (City of Bremerton 2017), improved lighting, and policies to encourage density in Downtown.
- Short-Term Projects (0 to 6 years) includes capital projects that improve the livability of Bremerton, address immediate capacity and safety issues, and reduce barriers for residents and commuters accessing NBK-BR by active transportation modes. Also included are policy and operations projects that support and improve transit accessibility; these projects set the groundwork for large capital investments in transit infrastructure recommended in the mid-term years.

- Mid-Term Projects (6 to 20 years) includes major capital investments in transit infrastructure that support a mode shift from single occupancy vehicles to mass transit. These investments are consistent with Kitsap Transit's Long Range Plan and the region's plans for growth and land use (PSRC 2020). The benefit of these investments is to develop a reliable transit system that connects people within and between communities.
- Long-Term Projects (20+ years) includes projects with recognized benefits to Bremerton livability and to NBK-BR accessibility, but that may take longer to complete. For example, completing the implementation of the SR 303 Corridor Study is included as a long-term project. The SR 303 Corridor Study includes a suite of phased improvements that should be implemented as recommended by that study, however the full implementation of all recommendations will be completed over the long term.

A summary of the proposed projects and expected benefits of the Preferred Alternative are shown in Figure ES-1. More detailed information about the recommended projects and next steps can be found in sections 7 and 8 of this document. Additionally, one-page summaries of each project can be found in Appendix O.

PROJECT LEGEND	Roadway improvement, intersection improvement, Intelligent Transportation Systems (ITS), roundabout	
	NBK-BR improvement, NBK-BR gate improvement	
	Bus, ferry, carpool, park and ride, Transportation Management	
	Active transportation improvement, pedestrian improvement, bicycle improvement	
	Parking	

Legend for Figure ES-1

PREFERRED ALTERNATIVE PROJECT RECOMMENDATIONS			PROJECT BENEFITS			
			Safety	Multimodal	Livability	Base Accessibility
Short-Term Projects (0 to 6 years)						
C40		Naval Ave road re-channelization	✓	✓	✓	
C24		6th St road re-channelization	✓	✓	✓	
AT15		Shared-use path on 1st St	✓	✓	✓	✓
AT5		Sidewalk improvements near NBK-BR	✓	✓	✓	✓
C20		All-way pedestrian phases along Burwell St	✓	✓	✓	
C35		Adaptive signal timing				✓
C38		Bremerton Strategic Road Safety Plan projects	✓		✓	✓
AT48		Bicycle facilities on Shorewood Dr	✓	✓	✓	
C31		Pedestrian/bicycle improvements near park and rides	✓	✓	✓	✓
AT27		Sidewalk improvements west of Charleston Blvd	✓	✓	✓	
AT1		Support redevelopment of Gateway Park and Ride	✓	✓	✓	
AT19		Covered bike parking near NBK-BR		✓	✓	✓
B3		Decrease queuing at NBK-BR gates in the morning				✓
B18		Open Montgomery gate during both peak hours				✓
C14		Study new off-ramp from southbound SR 3 to eastbound SR 304				✓
CTR1		NBK-BR telework options			✓	✓
CTR3		Improve reimbursement for Worker/Driver Bus program		✓	✓	✓
CTR11		Improve technology for Worker/Driver Bus program		✓	✓	✓
CTR12		Study increased foot-ferry capacity for Port Orchard		✓	✓	✓
CTR4		Reduced bus fares		✓	✓	✓
O6		Enforcement of HOV lanes		✓		✓
AT14		Support planning efforts for SR 3 in Gorst	✓	✓		✓

Figure ES-1. Preferred Alternative Summary

Note: PC - New/Expanded Parking, C - Capacity Projects, B: Projects on Base, T - Transit Service/Frequency, AT - Active Transportation, PM - Parking Management/Policy, CTR - Programs/Technologies/Incentives to Encourage Mode Shift, O - Other













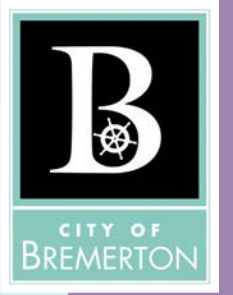
PREFERRED ALTERNATIVE PROJECT RECOMMENDATIONS			PROJECT BENEFITS			
			Safety	Multimodal	Livability	Base Accessibility
Mid-Term Projects (6 to 20 years)						
AT2		Mobility hub at Park Ave/4th St	✓	✓	✓	✓
AT55		Bike lane on Park Ave	✓	✓	✓	✓
C26		Traffic Management Center	✓			✓
C41		Roundabout at Naval Ave/6th St	✓	✓	✓	
PM15		Paid on-street parking downtown			✓	
PM2		Permit-only parking in residential areas			✓	
PC6		Silverdale and West Bremerton Park and Rides		✓	✓	
PC4		Projects for reliable non-auto travel modes	✓	✓	✓	
PC3		PSIC and South Kitsap Park and Rides		✓	✓	
T8		Shuttle service to downtown		✓	✓	
T6		More and faster buses to NBK-BR		✓	✓	✓
PM3		Transportation Management Association		✓	✓	
C1		Improve SR 3/Kitsap Way interchange	✓			✓
C2		Roundabouts at SR 3/W Loxie Eagans Blvd interchange	✓	✓	✓	
Long-Term Projects (20+ years)						
C29		SR 303 Corridor Study projects	✓	✓	✓	✓
B7		New or improved parking on NBK-BR installation			✓	✓

Figure ES-1. Preferred Alternative Summary (continued)

Note: PC - New/Expanded Parking, C - Capacity Projects, B: Projects on Base, T - Transit Service/Frequency, AT - Active Transportation, PM - Parking Management/Policy, CTR - Programs/Technologies/Incentives to Encourage Mode Shift, O - Other



1. INTRODUCTION



1. Introduction

Study Purpose and Background

The goal of this study is to create a responsive and actionable plan to examine existing and future needs for all transportation modes serving NBK-BR and ensure that Bremerton's growth will not impede NBK-BR missions, which are critical to our Nation's military readiness. The plan defines solutions to improve multimodal mobility, outline parking strategies, and enhance Bremerton's livability. Livability is a sum of factors that add up to a community's quality of life such as comfortable walking, bicycling, kids playing in the front yards, or simply sitting on the front porch enjoying home. Success of this plan will ensure NBK-BR meets its missions for national defense while supporting Bremerton's long-range growth needs.

This plan documents the specific purpose and need for improvements, how alternatives were developed, how the range of reasonable alternatives were screened, how tension between NBK-BR base accessibility and City livability goals was considered, and how a Preferred Alternative was identified. It builds on background planning, studies, parking inventories, and other ongoing efforts, including those prepared by the City, Kitsap Transit, NBK-BR, Kitsap County, and other regional agencies, as well as supplemental data collected by the study team.

This final JCTP identifies short-, mid-, and long-term capital and operational improvements prioritized based on metrics determined during the study that are clear, useful, and actionable.

Study Funding

The City of Bremerton was awarded a Department of Defense (DOD) Office of Economic Adjustment grant to undertake a comprehensive commuter traffic plan. The award was the culmination of an effort, led by Mayor Wheeler, that demonstrates the Navy's common interest with the City to resolve traffic and parking conflicts. \$675,000 in Department of Defense funds and \$75,000 of City funds were committed to conduct this commuter transportation study.

Schedule

The JCTP study was kicked off in November 2020. The schedule for the study process with the key milestones is shown in Figure 1-1. Community members were engaged as part of CSB meetings that were scheduled to ensure that public input was received at each of the study decision points.

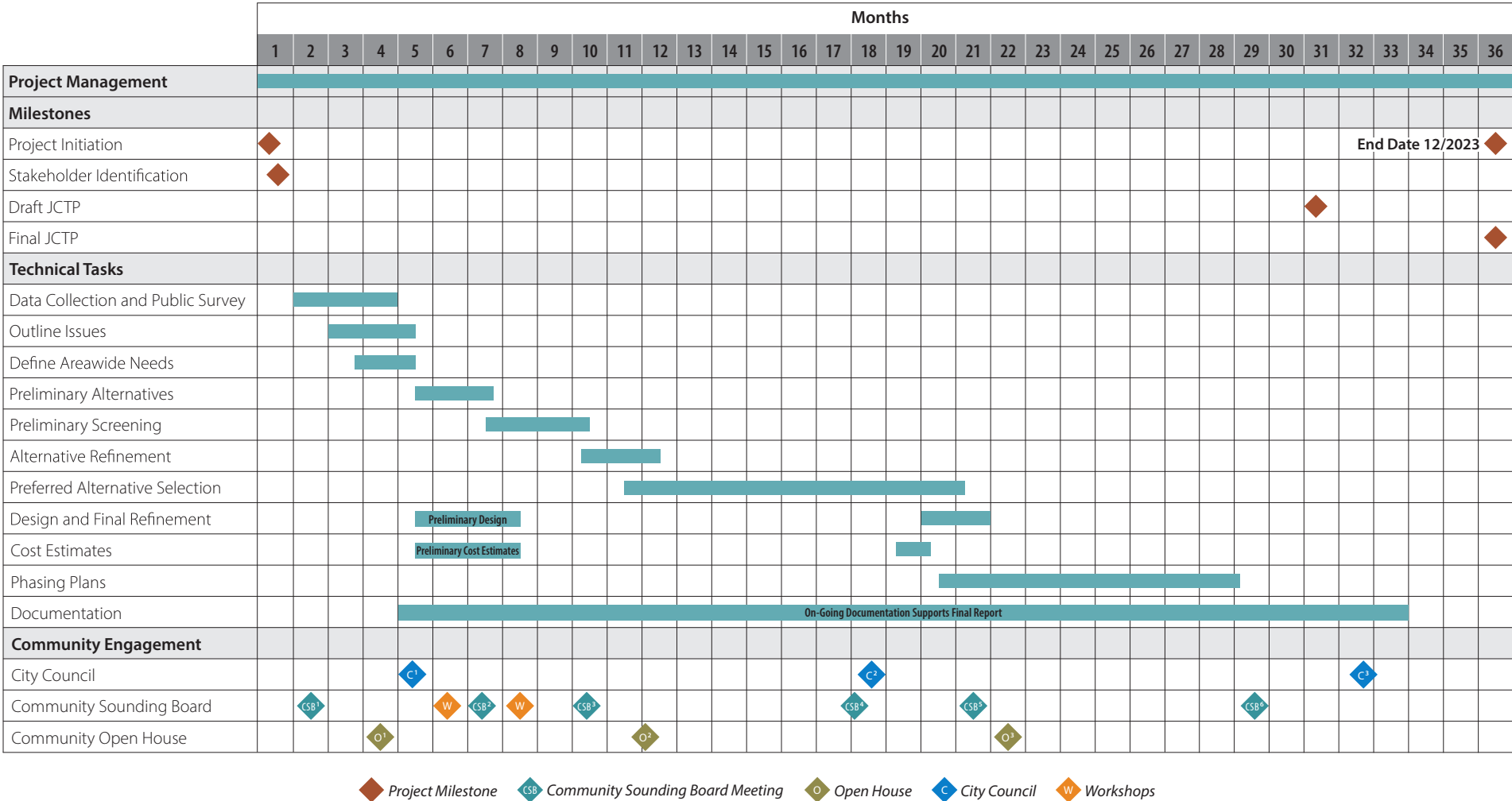
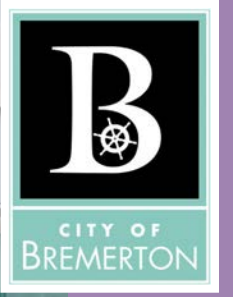


Figure 1-1. Project Schedule

BURWELL TUNNEL



2. STUDY AREA PROFILE



2. Study Area Profile

Study Area

The study area for this project is the area within the City of Bremerton limits as well as the City urban growth area (UGA). The study area is shown in Figure 2-1. Areas outside the City, such as Port Orchard, were included in some analyses as well. The key corridors that provide access to Downtown Bremerton and NBK-BR are State Route (SR) 303 and SR 3 to the north, Charleston Boulevard (SR 304) to the south, and Kitsap Way, 11th Street, 6th Street, and Burwell Street (SR 304) within Downtown.

City of Bremerton

The City of Bremerton is located along Sinclair Inlet on the eastern half of central Kitsap County. With a land area of approximately 28 square miles and a population of 44,640, Bremerton is the largest city in Kitsap County. The City has a well-established urban character and good connections to the rest of the region, including ferry service to downtown Seattle. NBK-BR resides in the urban context of Downtown Bremerton. The Downtown core has experienced significant revitalization, guided by the City's Downtown Regional Center Subarea Plan and anchored by the ferry terminal and Bremerton Transportation Center.

The City has a variety of diverse residential and commercial neighborhoods near NBK-BR. The City is committed to targeted growth within this area, including increasing the number of housing units and improving livability. An example of improved livability is a location where people can feel comfortable walking, bicycling, playing with their kids in the front yard, or simply sitting on their front porch enjoying their home. This type of livability is at odds with the current parking situation that encourages people who commute from out of town to drive through neighborhoods and park in front of people's homes.

Downtown Bremerton is designated as a Regional Growth Center by the Puget Sound Regional Council (PSRC) VISION 2050, and the City has experienced increased development along the perimeter of NBK-BR. Data recently released by PSRC revealed

that Bremerton's population grows each day by over 17,000 due to the daily influx of workers. This daily increase of 44 percent results in traffic congestion and parking conflicts that negatively impact the City on a variety of levels, including economic viability, quality of life, and safety.

NBK-BR and the City grew together over the last century, with residential neighborhoods directly abutting NBK-BR's fence line. Much has been done over the past several decades to help ease the encroachment of urban development on NBK-BR, including a joint land use study, studies of SR 3 and SR 16, improvements to SR 304, various pedestrian safety improvements, planning and development policies that protect NBK-BR's mission, a security buffer on the east side of the installment that is maintained by the City as a park, and commuter trip reduction measures managed by Kitsap Transit and NBK-BR. However, traffic congestion and parking conflicts continue to put pressures on military operations and quality of life for civilians and military personnel.

Bremerton's economy and livelihood are heavily influenced by NBK-BR and the federal government's investment in operations at the facility. In 2018, nearly 60 percent of the jobs in Bremerton were categorized as government jobs. A substantial portion of private sector jobs are also related to, or dependent upon, NBK-BR. This highlights the importance of the strong cooperative relationship that has been developed between the City of Bremerton and NBK-BR to find ways to improve operations, connectivity, livability, and economic vitality for the people who live and work in the area.

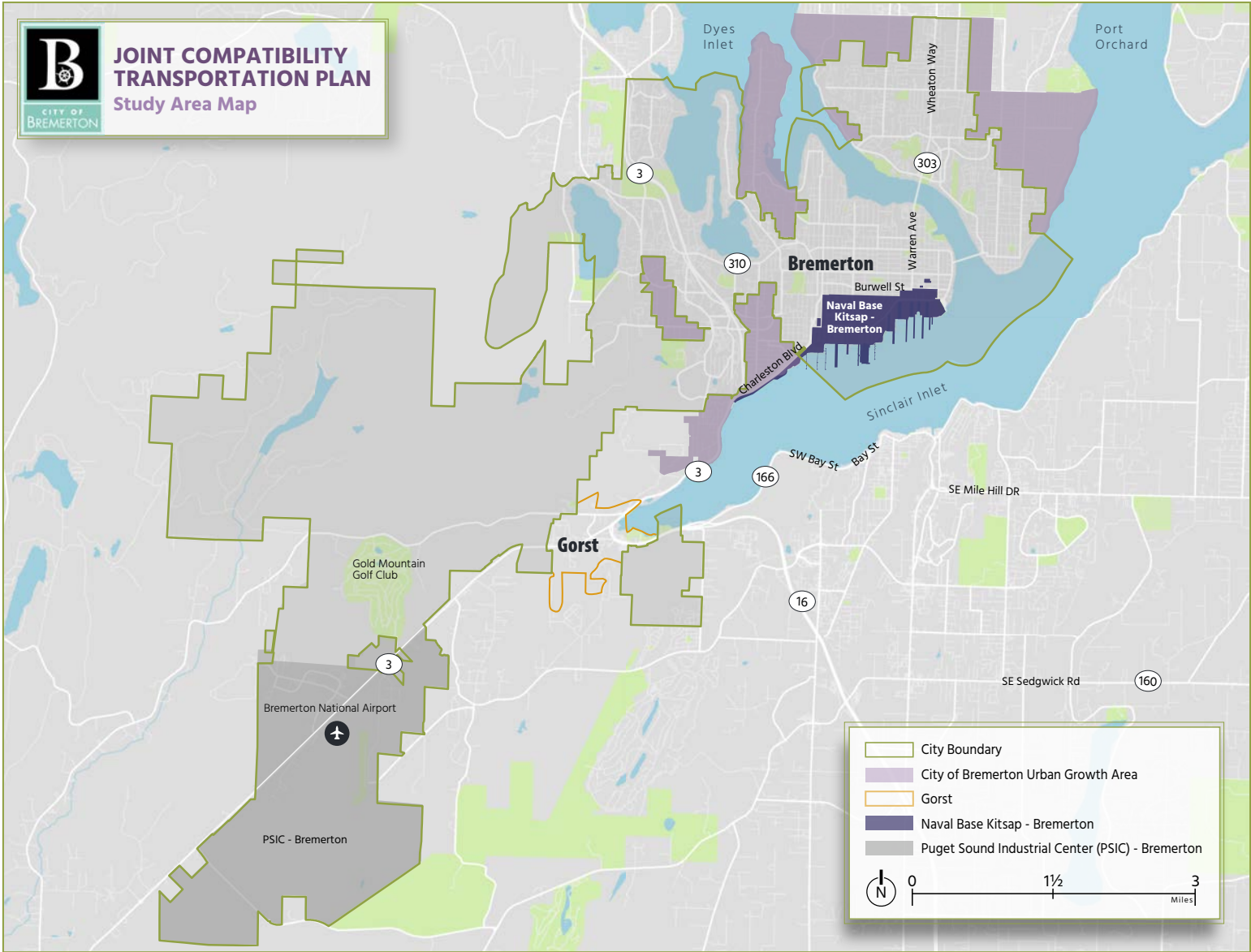


Figure 2-1. Study Area

Naval Base Kitsap - Bremerton

NBK-BR is a Navy installation that can homeport aircraft carriers and submarines and its major tenant command is Puget Sound Naval Shipyard and Intermediate Maintenance Facility (PSNS & IMF). NBK-BR is located on the north side of the Sinclair Inlet within the incorporated boundaries of the City of Bremerton. NBK-BR encompasses approximately 400 acres of land, 400 acres of submerged marine Right to Use lands, 3.4 miles of shoreline, 382 buildings, and six dry docks for wet or dry berthing of all sizes and classes of vessels (Joint Land Use Study, Kitsap County 2015). NBK-BR is one of Washington State's largest industrial installations. The eastern portion of NBK-BR is a fenced, high-security area known as the Controlled Industrial Area. PSNS & IMF is the Navy's primary provider for the maintenance, repair, modernization, inactivation, and recycling of ships, submarines, and aircraft carriers in the Pacific Fleet. PSNS & IMF is the only Navy shipyard on the west coast with a dry dock that can accommodate the large size of nuclear-powered aircraft carriers for repair and maintenance.

When two aircraft carriers are homeported, NBK-BR can have approximately 23,000 daily employees who travel to Downtown Bremerton, including civilians, active duty, sailors, and contractors. NBK-BR is accessed by seven external gates, as shown in Figure 2-2. The Missouri and Montgomery gates on the west side are open to both vehicles and pedestrians but are currently predominantly accessed by vehicles. The Charleston and Naval gates on the west side and Main (Bremerton) gate on the east side are accessed by both vehicles and pedestrians. The State Street and Burwell gates on the northeast side are accessed by pedestrians only. The Farragut and Wycoff gates provide access to the Controlled Industrial Area from inside NBK-BR.

During the SR 303 Corridor study (City of Bremerton 2021), it was determined that nearly 74 percent of the people who work in Bremerton live outside of the City limits. In 2019, over 52 percent of people working in the City, including many Bremerton residents, were employed in government jobs. Implementing livability improvements would benefit not only Bremerton residents who work at NBK-BR, but everyone who works in Bremerton.

Previous Studies

The study team collected previous studies to help identify existing and future conditions for the study area. The following studies were previously completed in the study area and were considered by the study team:

- Bremerton Non-Motorized Transportation Plan (City of Bremerton 2007)
- Puget Sound Industrial Center – Bremerton Subarea Plan (City of Bremerton 2012)
- City of Bremerton Comprehensive Plan (City of Bremerton 2016a)
- City of Bremerton Americans with Disability Act (ADA) Transition Plan (City of Bremerton 2016b)
- City of Bremerton Parking Study (City of Bremerton 2017)
- Bremerton Citywide Transportation Concurrency Review (City of Bremerton 2020a)
- SR 303 Corridor Study (City of Bremerton 2021)
- Bremerton Strategic Road Safety Plan (City of Bremerton 2020b)
- Bremerton Strategic Road Safety Plan (City of Bremerton 2022)
- Kitsap County Non-Motorized Facility Plan (Kitsap County 2018)
- Joint Land Use Study Naval Base Kitsap and Naval Magazine Indian Island (Kitsap County 2015)
- Kitsap County Comprehensive Plan (Kitsap County 2016a)
- Kitsap Transit Long Range Transit Plan 2016–2036 (Kitsap Transit 2016b)
- Kitsap Transit Long Range Transit Plan 2022–2044 (Kitsap Transit 2022)
- Vehicle and Pedestrian Safety Study NBK Bremerton (Naval Facilities Engineering Command Northwest 2013)
- Bremerton Economic Development Study (WSDOT 2012)
- SR 16, Tacoma Narrows Bridge to SR 3, Congestion Study (WSDOT 2018)
- Washington State Ferries 2040 Long Range Plan (WSDOT 2019)

Additional studies or projects in the study area that were completed during the study timeframe or will be in the near future:

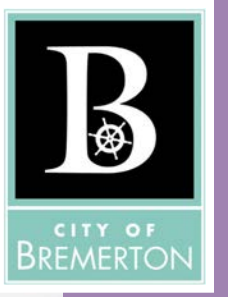
- City of Bremerton Comprehensive Plan 2024
- HSIP III – Kitsap Way and Warren Avenue Traffic Signal and Multimodal Safety Project
- East 11th and Perry Avenue Complete Streets Improvement Project
- Washington Avenue and 11th Roundabout

These studies helped the team organize data collection, identify existing and future needs, and develop possible solutions for the study area. These studies were reviewed for any identified issues and needs as well as proposed improvements within the study area. Many studies identified overall existing conditions and agency goals but did not identify specific issues or needs relevant to the JCTP planning effort. The proposed improvements identified in each study were documented, categorized, and mapped in a project inventory, which is included in Appendix A.



Figure 2-2. NBK-BR Gate Locations

Source: Joint Land Use Study (Kitsap County 2015)



3. PUBLIC AND AGENCY INVOLVEMENT PROCESS



3. Public and Agency Involvement Process

Community Sounding Board

The JCTP was led by the City and advised by the CSB, composed of leadership representatives from affected agencies and governments. This group was committed to a strong ongoing partnership and fostering a regional perspective and approach to the development of the JCTP. The following study partners provided ongoing assistance to the study team and participated in six CSB meetings between January 2021 and May 2023. Additional agency representatives participated in one or both of the workshops in summer 2021 or in CSB meeting #4.

Project Management Team

- Katie Ketterer – City of Bremerton
- Tom Knuckey – City of Bremerton
- Shane Weber – City of Bremerton

Community Sounding Board

- Kevin Gorman – Bremerton City Council
- Michael Goodnow – Bremerton City Council
- David Emmons – Bremerton Chamber of Commerce
- Denise Frey – Greater Kitsap Chamber of Commerce
- Garrett Jackson – City of Bremerton
- Mayor Greg Wheeler – City of Bremerton
- Melinda Monroe – City of Bremerton
- Vicki Grover – City of Bremerton
- David Forte – Kitsap County
- Melissa Mohr – Kitsap County
- Ed Coviello – Kitsap Transit
- Allison Satter – NBK-BR
- Nicole Leaptrot-Figueras – NBK-BR
- Sara Oliveira – NBK-BR
- Fred Salisbury – Port of Bremerton
- George Mazur – WSDOT
- Matthew Pahs – WSDOT
- Pamela Vasudeva – WSDOT

Workshop Attendees

- Sara Felty – City of Bremerton Police
- Steffani Lillie – Kitsap Transit
- Michael Dabling – NBK-BR
- James Cook – PSNS
- Para Kan – PSNS

CSB Meeting #4 Special Attendees

- Kate Milward – City of Bremerton
- Ned Lever – City of Bremerton
- Charlotte Garrido – Kitsap County
- John Clauson – Kitsap Transit
- Captain Richard Massie – NBK-BR
- Rick Tift – PSNS
- James Cook – PSNS
- Para Kan – PSNS

The JCTP CSB was kicked off in January 2021. The schedule for the CSB meetings and the topics discussed are shown in Table 3-1. These meeting dates were scheduled to ensure that public input was received at each of the study decision points. CSB meetings were used to gather information from key representatives from various interested agencies, organizations, and jurisdictions. Input was used to guide decisions at key milestones. The presentations from each CSB meeting are included in Appendix B.

Table 3-1. Community Sounding Board Meeting Schedule

MEETING	DATE	MEETING TOPICS
CSB Meeting #1	January 28, 2021	Project overview and goals, community engagement, discuss early project ideas
Workshop #1	June 16, 2021	Public information survey results, baseline conditions analysis and identified needs, modal breakout rooms to brainstorm improvements
CSB Meeting #2	July 7, 2021	Public information survey results, baseline conditions analysis and identified needs, preliminary Build Alternatives, screening approach
Workshop #2	August 13, 2021	First Level Screening results and draft Build Alternatives
CSB Meeting #3	October 26, 2021	Build Alternatives and Second Level Screening results
CSB Meeting #4	June 1, 2022	Discussion of two future visions: Livability Centered Vision or Capacity Centered Vision <i>Note: This meeting included an expanded invitation list. The special attendees are listed above.</i>
CSB Meeting #5	September 21, 2022	Preferred Alternative projects and screening results
CSB Meeting #6	May 17, 2023	Updated Preferred Alternative projects and project phasing

Community Engagement

JCTP involved community stakeholder engagement through several communications channels. Prior to the beginning of the study, a community engagement plan was developed to outline how public input through equitable outreach would support the study findings. The community engagement plan included a preliminary list of CSB members, a review of local demographics, a list of outreach strategies, and key communication milestones. More detailed information on the outcomes of the community engagement for this study is available in the Community Engagement Summary in Appendix C.

Community engagement was conducted through these open houses and events:

- Public Information Survey: February 3 to February 28, 2021
- Online Open House: February 9, 2021
- Online Open House: December 6, 2021
- Online Open House: October 11, 2022
- 6th Street Road Re-channelization Public Meeting: November 3, 2022

Demographics and Accessibility

Demographic information, including data related to housing, vehicle access, veteran status, race and ethnicity, age, income, disabilities, language, and internet access was collected to determine how to appropriately engage the community. The total population of the study area is 51,100. Here are the key findings from the demographic evaluation:

- 57 percent of households in Bremerton rent, and 43 percent live in housing they own.
- 14 percent of Bremerton households do not have a vehicle and are likely transit-dependent—much higher than the 5 percent of households across the County without a vehicle.
- 6 percent identify as African American or Black, twice the percentage compared with all of Kitsap County. 11 percent identify as Hispanic or Latino.
- 37 percent of the population is at or below 200 percent of the poverty level, compared with 21 percent of the total Kitsap County population.
- 90 percent of the population of Bremerton speaks only English, 4 percent speak Spanish, and 3 percent speak Tagalog (including Filipino).

Public Information Survey

The City is committed to serving the needs of everyone in the City and ensuring all community members have a meaningful opportunity to participate in City processes and decisions. The City has a Title VI plan that outlines when project materials should be translated. For this project, translation services for all materials and meetings were available upon request. In an effort to reach as many people as possible, the following strategies were used:

- Include a language block on project materials and a project website for all language groups that exceed 3 percent within the City, including Spanish and Tagalog. This language block will include a sentence to describe the project and the materials so that people who use the language understand what they are looking for.
- Upon request, provide interpretation for Spanish and Tagalog and offer interpretation services on request for other languages, including American Sign Language, for all public meetings, including virtual meetings.
- Upon request, provide real-time closed captioning for all virtual public meetings.
- Encourage broad participation in public meetings and outreach opportunities by advertising on social media pages and through collaboration with community-based organizations.
- Distribute flyers and electronic notices to public libraries, community centers, neighborhood service centers, and other community gathering places.

The public information survey was conducted from February 3 to February 28, 2021. Survey topics included trip origins and destinations, trip frequency, trip purposes, mode choice, impact of COVID-19 on travel behavior, barriers that would influence travel mode after COVID-19, ideas on ways to improve travel in Bremerton, and standard respondent demographics. Survey respondents represented a range of genders, ages, incomes, races, ethnicities, and locations in the Bremerton area.

A total of 557 people completed the survey. Key findings for travel pre-COVID, transit use, and recommended improvements included the following:

- Most respondents (85 percent) traveled for work, but many also traveled for non-commute trips, such as food or drink, errands, and social or recreational activities.
- Most respondents (88 percent) traveled to or within Bremerton, typically during peak hours.
- A majority (64 percent) drove alone. Few used transit, such as bus (8 percent) or ferry (7 percent to 8 percent), or other alternatives to single-occupancy vehicles, such as walking (5 percent from home to workplace, 11 percent as part of commute), carpooling (10 percent), Worker/Driver Bus program (10 percent), or bicycling (7 percent).
- According to respondents, the top barriers to using transit were “riding the bus is inconvenient or takes too long” (52 percent), “I like the convenience of having my car” (47 percent), and “I have to make stops on my way to/from work” (36 percent).
- According to respondents, the most important projects to improve travel in Bremerton were roadway capacity (adding lanes – 53 percent), NBK-BR access (get through the gates more quickly – 43 percent), active travel (bicycle and pedestrian improvements – 34 percent), and roadway efficiency (signal timing, signal coordination – 29 percent).

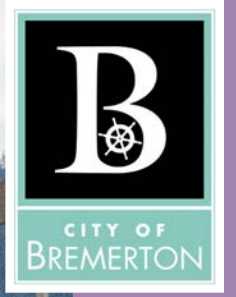
The study team used this information to start outlining various improvements that would address the barriers for improved travel. The study team needed to consider the public input while balancing the City goals to improve livability and NBK-BR’s need to maintain mission ready accessibility to the Base.

Virtual Open Houses

The study team held three virtual open houses that offered an accessible way for the City to introduce the JCTP study to community members when in-person gatherings were restricted and discouraged due to COVID-19. The study team also held a public

meeting specifically for the 6th Street Road Re-channelization on November 3, 2022. The meetings were interactive, allowing attendees to view a presentation and leave comments through either the comment box or verbally during the question-and-answer portion of the meeting.

- Open House #1: The objectives were to introduce the study and gather input about the existing and future conditions and opportunities for improvements. Key themes from the participant questions and comments were concerns about pedestrian safety and traffic issues in the Gorst area, traffic congestion along SR 304 and SR 3, the impact of the pandemic on the study approach, and adding more affordable parking Downtown.
- Open House #2: The objectives were to share the project goals and scheduled updates, report findings from the public information survey, and share early findings of the project alternative analysis. Key themes from the participant questions were about bicycle facilities and storage near NBK-BR, private developers for parking garages Downtown, and shuttles in Downtown to transport people to NBK-BR.
- Open House #3: The objectives were to share the evaluation process that led to the preliminary Preferred Alternative and the projects included in the preliminary Preferred Alternative. Key themes from the participant questions were about the parking management zone, intersection capacity projects, project phasing, and support and input on bicycle facilities.
- 6th Street Road Re-channelization Public Meeting: The objectives were to share the proposed east-west bike corridor and roadway re-channelization project. The participants were in support of the project.



4. EXISTING CONDITIONS ANALYSIS



4. Existing Conditions Analysis

Methods and Assumptions

A Methods and Assumptions Memo was drafted in March 2021 and periodically updated as the study progressed. The memo summarized data collection efforts, travel demand forecasting, methodology for baseline conditions analysis (traffic operations, safety, active transportation, and parking) and methodology for screening metrics (travel time, travel time reliability, and person mobility). The Methods and Assumptions Memo is included in Appendix D.

Mode Share

Mode share is the share of people using a particular mode of transportation. Mode share was collected for NBK-BR and Kitsap County to understand existing travel habits in the study area and how they compare to the region.

The State Commute Trip Reduction (CTR) Law affects worksites with 100 or more full-time employees. Worksites conduct CTR surveys every other year to measure vehicle miles traveled and the mode choices of their employees. The Naval Supply Systems Command Fleet Logistics Center Puget Sound and the U.S. Navy completed CTR surveys in 2012, 2014, 2016, and 2018, and the data were used to estimate mode share for NBK-BR, as shown in Figure 4-1.

The Kitsap County (County) mode share from PSRC is shown in Figure 4-2. Compared to the rest of the County, there is a higher percentage people traveling to NBK-BR that use shared ride and transit and a lower percentage that walk, bicycle, or drive alone.

Parking

The City of Bremerton Parking Study (City of Bremerton 2017) was conducted to better understand parking conditions in Downtown, including available parking facilities, occupancy, duration, turnover, and movement analysis showing where vehicles moved throughout the day.



In Downtown, there is both on-street parking and off-street parking. The “85 percent rule” is a common metric used to assess and manage demand for on-street parking. Parking occupancy of 85 percent or below ensures there is at least one stall available on each block. Occupancies above 85 percent indicate opportunities to further manage parking demand by decreasing time limits, increasing pricing, or using other strategies.

On average throughout the collection area, on-street parking occupancy was between about 50 percent and 70 percent, with two 68 percent peaks shown at midday and the end of the work day, as shown in Figure 4-3. Occupancy for on-street parking on many streets near NBK-BR exceeded 85 percent.

Occupancy for off-street facilities peaked at 65 percent, which indicates overall system capacity, even if certain locations are experiencing higher demand, as shown in Figure 4-4. The data collection indicated that high demand for off-street parking was scattered throughout the downtown core, near the ferry terminal, and near NBK-BR. Some additional off-street facilities showed high use, some of which were smaller lots serving local businesses. Parking for employees and commuters tended to have higher occupancy with less variation throughout the day.

Figure 4-1. NBK-BR Mode Share

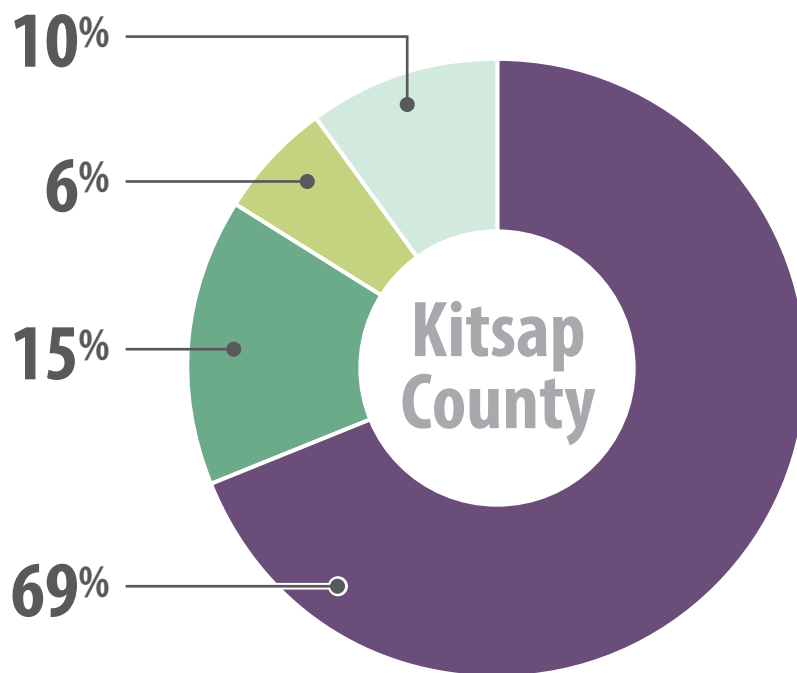
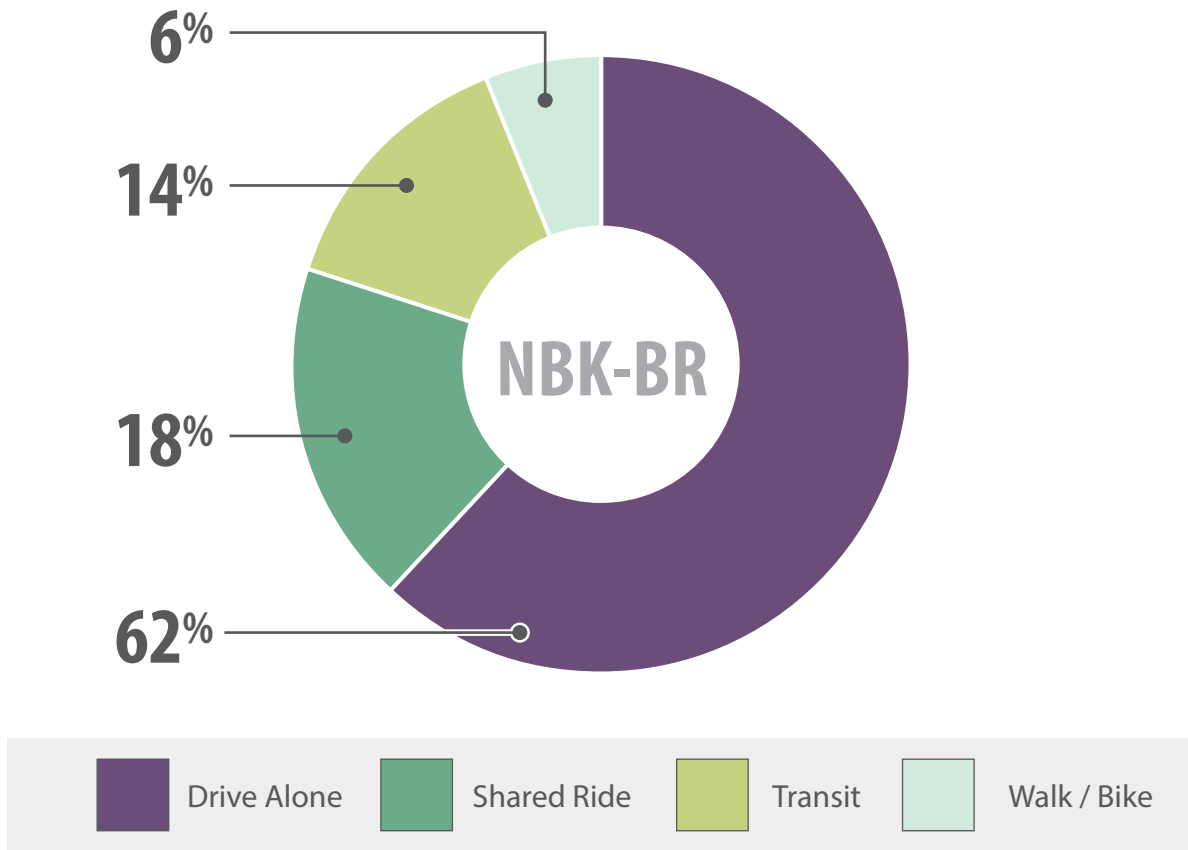


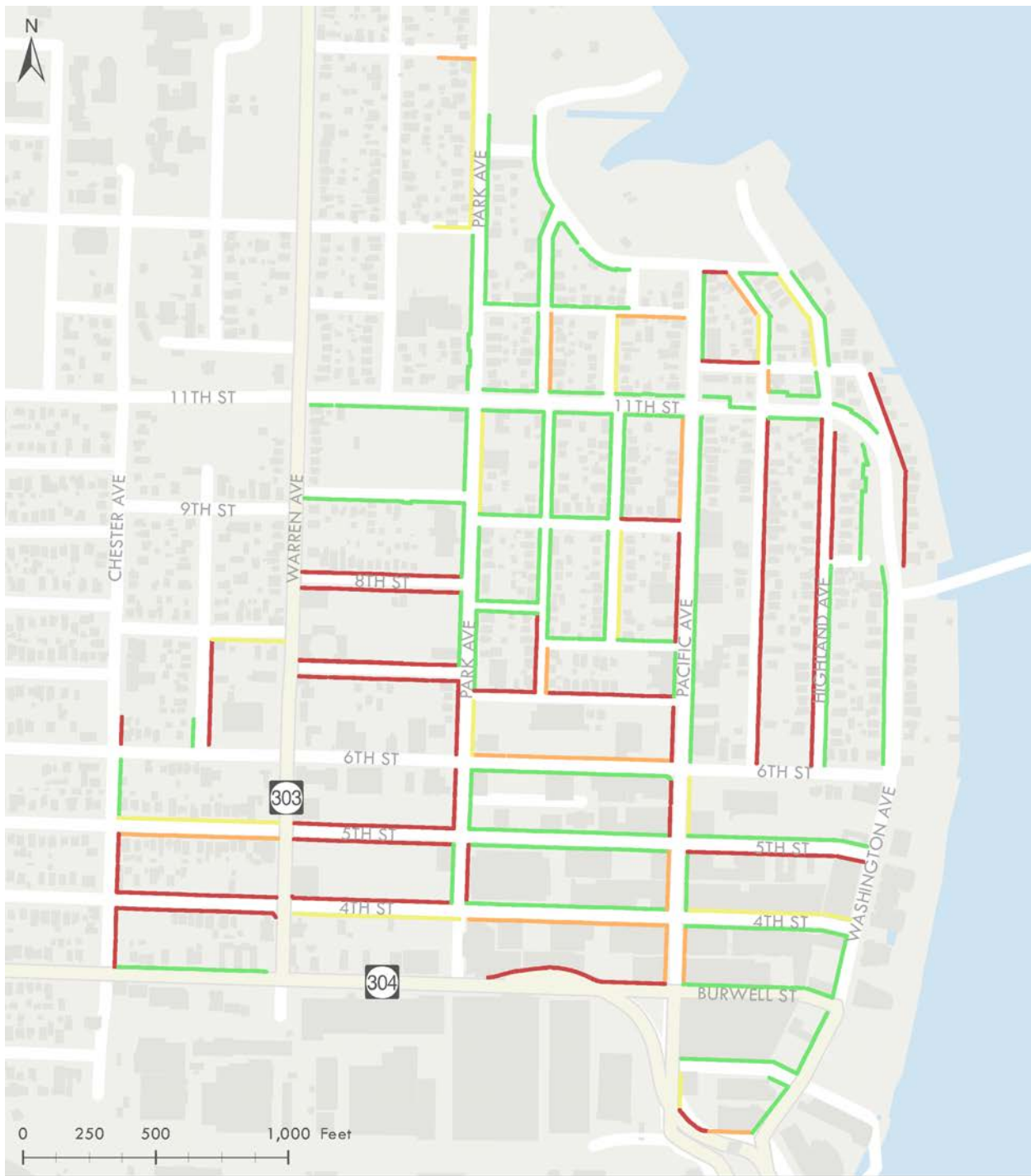
Figure 4-2. Kitsap County Mode Share

Within NBK-BR, there are about 8,200 parking stalls, half of which are available to civilians and half are available to active duty. This number includes the parking garage in Downtown located at 4th Street and Park Avenue that has approximately 960 parking stalls dedicated to NBK-BR civilians. Some of these spaces are restricted for carpool/vanpool and are ADA-accessible stalls. According to NBK-BR, the available parking on NBK-BR and at the off-installation parking garage in Downtown is fully utilized. On a typical day, over 6,300 NBK-BR commuter vehicles park outside of the gates during the peak period.

Key Findings

The following summarizes the key findings of the parking evaluation.

- On-street blocks near NBK-BR that have an occupancy of 85 percent and above signal that parking demand exceeds parking supply. Much of the available off-street parking also has high occupancies in commuter parking areas.
- Parking duration is over 6 hours on many residential streets, despite time limits of 1 to 2 hours for non-permit holders. There is a significant vehicle movement during the day known as the “Bremerton Shuffle,” which is likely a result of long-term users seeking to avoid time limits. This means neighborhood residents are not able to park at or near their homes during the day.
- The City has increased parking enforcement in recent years, so commuters are now parking in neighborhoods further out and are willing to walk farther to access NBK-BR.
- The current parking in Downtown Bremerton is contrary to a user-friendly, convenient, and enforceable parking system. The presence and high occupancy of private Downtown surface parking lots prevents redevelopment of these surface lots for more active Downtown uses.
- There is limited parking on NBK-BR and the off-installation parking garage in Downtown that is fully utilized, according to NBK-BR. There are no plans to significantly increase parking on NBK-BR. Over 6,300 NBK-BR commuter vehicles park outside of the gates during the peak period and then the occupants walk into NBK-BR.



Parking Utilization - Peak Hour

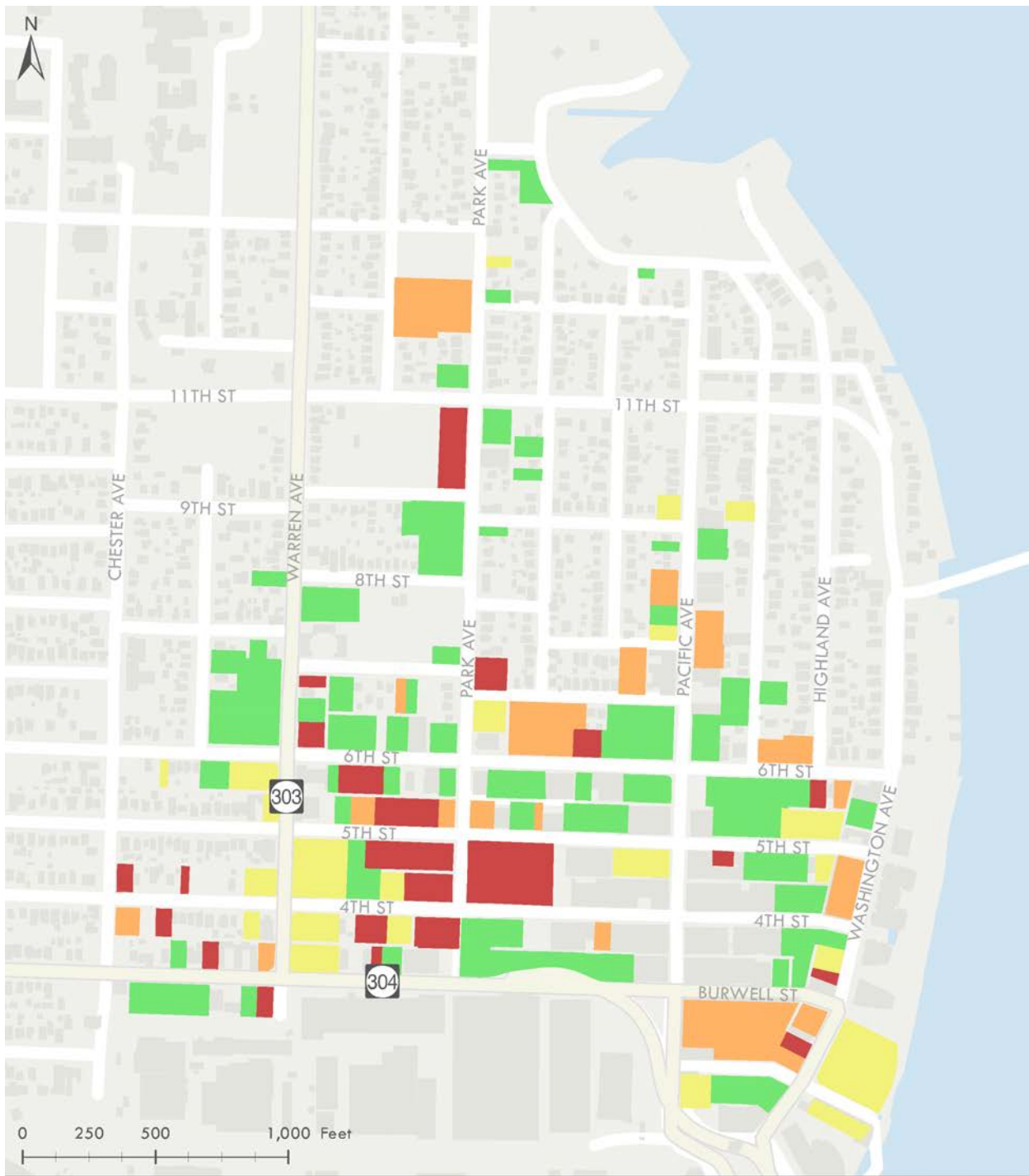
- < 55%
- 55 to 69%
- 70 to 84%
- > 85%

CITY OF BREMERTON
 Map Date: June 2017



Figure 4-3. On-Street Parking Occupancy

Source: Kimley Horn, 2016



Parking Utilization - Peak Hours

- < 55%
- 55% to 69%
- 70% to 84%
- > 85%

CITY OF BREMERTON
 Map Date: June 2017



Figure 4-4. Off-Street Parking Occupancy

Source: Kimley Horn, 2016

Traffic Operations



Traffic Volumes

As discussed in the Methods and Assumptions Memo (Appendix D), AM and PM peak hour traffic volumes were collected for each of the study intersections from historic City counts, the SR 303 Corridor Study (City of Bremerton 2021), and new counts collected on January 26, 2021. In the morning, most of the intersections in Downtown have a peak hour of 6:15 to 7:15 a.m. due to shifts starting at NBK-BR, with the AM peak hour period occurring from 5 to 9 a.m. In the evening, the system peak hour is 4 to 5 p.m., with the PM peak period occurring from 2 to 6 p.m. The peak hour intersection traffic volumes were used to determine the distribution of traffic coming in and out of Downtown Bremerton. These distributions for the Existing Conditions AM and PM peak hours are shown in Figure 4-5.

As can be seen in Figure 4-5, the highest single percentage (30 percent) of people coming into the City of Bremerton come from the south using Charleston Boulevard. People coming from SR 3 and Kitsap Way add up to 22 percent, and another 23 percent come from SR 303 north of the Warren Avenue Bridge. These three primary access locations account for 75 percent of the people destined to various locations within the City. This data helped the study team understand where to focus attention to improve the transportation network.

During the AM peak period, 60 percent of traffic coming into Bremerton is attributed to NBK-BR. According to NBK-BR employee numbers and mode share, 80 percent of NBK-BR employees commute by driving alone or in a shared ride, with a total of 18,500 people traveling to NBK-BR by privately owned vehicle during the AM peak period.

It should be noted that outside of Downtown Bremerton, there is traffic congestion through Gorst and through the SR 3/SR 304 interchange. If the Gorst bottleneck is removed, more traffic would reach Downtown Bremerton faster during the AM peak, resulting in higher levels of congestion in Downtown Bremerton. In the PM Peak hour, traffic

traveling through Gorst would exit the City more quickly bringing congestion relief and air quality benefits.

Operations Analysis

The study team evaluated 58 intersections to understand traffic patterns and operations and consider solutions. The intersections were analyzed for level of service (LOS), volume-to-capacity (v/c) ratio, queueing, and travel times. The v/c ratio is primarily used as a measure of the effectiveness of roundabouts, which are absent in Existing Conditions. Additional information on the software and measures of effectiveness used in the traffic operations analysis is discussed in the Methods and Assumptions Memo (Appendix D).

More detailed information on the traffic operations results is included in Appendix E, and the key findings are summarized in Section 4.

Level of Service

LOS is a common method for measuring traffic operations, defined in terms of average intersection delay on a scale ranging from A to F. The Existing Conditions AM and PM peak hour LOS for the study intersections are shown in Figure 4-6 and Figure 4-7. According to the Transportation Appendix of the City of Bremerton 2016 Comprehensive Plan (City of Bremerton 2016), the City has a LOS standard of LOS E or better, except along routes that are a WSDOT Highway of Statewide Significance. Three routes within the City are Highways of Statewide Significance: SR 3, SR 304, and SR 310. For intersections along the mainline of these routes, the LOS standard is LOS D. SR 303 is classified as a Highway of Regional Significance, with a level of service standard of LOS E.

Table 4-1 shows the intersections that are exceeding LOS standards during the Existing Conditions peak hours. Additional LOS information is included in Appendix E. These intersections are mostly exceeding LOS standards due to large volumes traveling towards Downtown during the AM peak hour and away from Downtown during the PM peak hour and insufficient roadway capacity to accommodate these volumes. At the two-way stop-controlled intersections, vehicles on minor streets are delayed by the large volumes on major streets.

Table 4-1. Existing Conditions Traffic Operations Results – Exceeding LOS Standards

ID	INTERSECTION	CONTROL TYPE	LOS STANDARD	EXISTING CONDITIONS 2020			
				AM PEAK		PM PEAK HOUR	
				LOS	Delay (s)	LOS	Delay (s)
2	Auto Center Way/SR 3 SB Off-Ramp at Kitsap Way (SR 310)	Signal	D	D	46	E	69
8	Marine Dr at Kitsap Way (SR 310)	Signal	D	F	80	E	75
22	Warren Ave (SR 303) at 11th St	Signal	E	E	50	F	88
34	Washington Ave at Manette Bridge	Signal	E	F	214	E	64
48	National Ave at Loxie Eagans Blvd	Signal	E	B	20	F	83
104	SR 3 SB Ramps at Loxie Eagans Blvd	TWSC	D	F	82	F	508
135	Chester Ave at Burwell St (SR 304)	TWSC	D	D	29	E	43

LOS = level of service; SB = southbound; TWSC = two-way stop-controlled
Note: Orange shading indicates LOS E and red shading indicates LOS F

Queueing

Another measure of effectiveness is intersection queue lengths. Queues that are exceeded only 5 percent of the time are 95th percentile queue lengths. Multiple intersections have queue lengths that exceed the available storage capacity during the AM and PM peak hour. These queues lengths spill back into adjacent intersections and contribute to congestion. Vehicle queues at NBK-BR entry gates sometimes cause back-ups on City streets. Additionally, there are multiple locations where queues exceed available storage capacity, including intersections that operate within City standards. Long queues block business driveway access, increase travel times for both GP traffic and transit, and can lead to cut-through traffic in neighborhoods.

Queue lengths are included in Appendix E.

Travel Time

Another method of measuring traffic operations is travel time. GP traffic travel times for key routes were calculated using intersection delay and travel speeds between intersections and calibrated using existing Wi-Fi travel time data collected by the City in January 2018. Transit travel times were calculated by adding estimated dwell time at bus stops and time to access park and rides as applicable.

The travel times for inbound traffic in the Existing Conditions AM peak hour are shown in Figure 4-8 and the travel times for outbound traffic in the Existing Conditions PM peak hour are shown in Figure 4-9. During the AM peak hour, GP traffic travel times range from 3 to 7 minutes, and during the PM peak hour, GP traffic travel times range from 3 to 10 minutes.

Key Findings

The following summarizes the key findings of the peak hour traffic operations analysis.

- During the peak period, 60 percent of traffic coming into Bremerton is attributed to NBK-BR and 80 percent of NBK-BR employees commute by driving alone or in a shared ride, with a total of 18,500 people traveling to NBK-BR by privately owned vehicle during the AM peak period.
- Several study intersections are exceeding LOS standards during either the AM peak hour, the PM peak hour, or both. This is mostly due to large volumes traveling to and from Downtown along the major corridors.
- Vehicle queues at NBK-BR entry gates sometimes cause back-ups on City streets. Additionally, there are multiple locations where queues exceed available storage capacity, including intersections that operate within City standards. Long queues block business driveway access, increase travel times for both GP traffic and transit, and can lead to cut-through traffic in neighborhoods.
- Outside of Downtown Bremerton, there is traffic congestion through Gorst and through the SR 3/SR 304 interchange. If the Gorst bottleneck is removed, more traffic would reach Downtown Bremerton faster, resulting in higher levels of congestion in Downtown Bremerton.

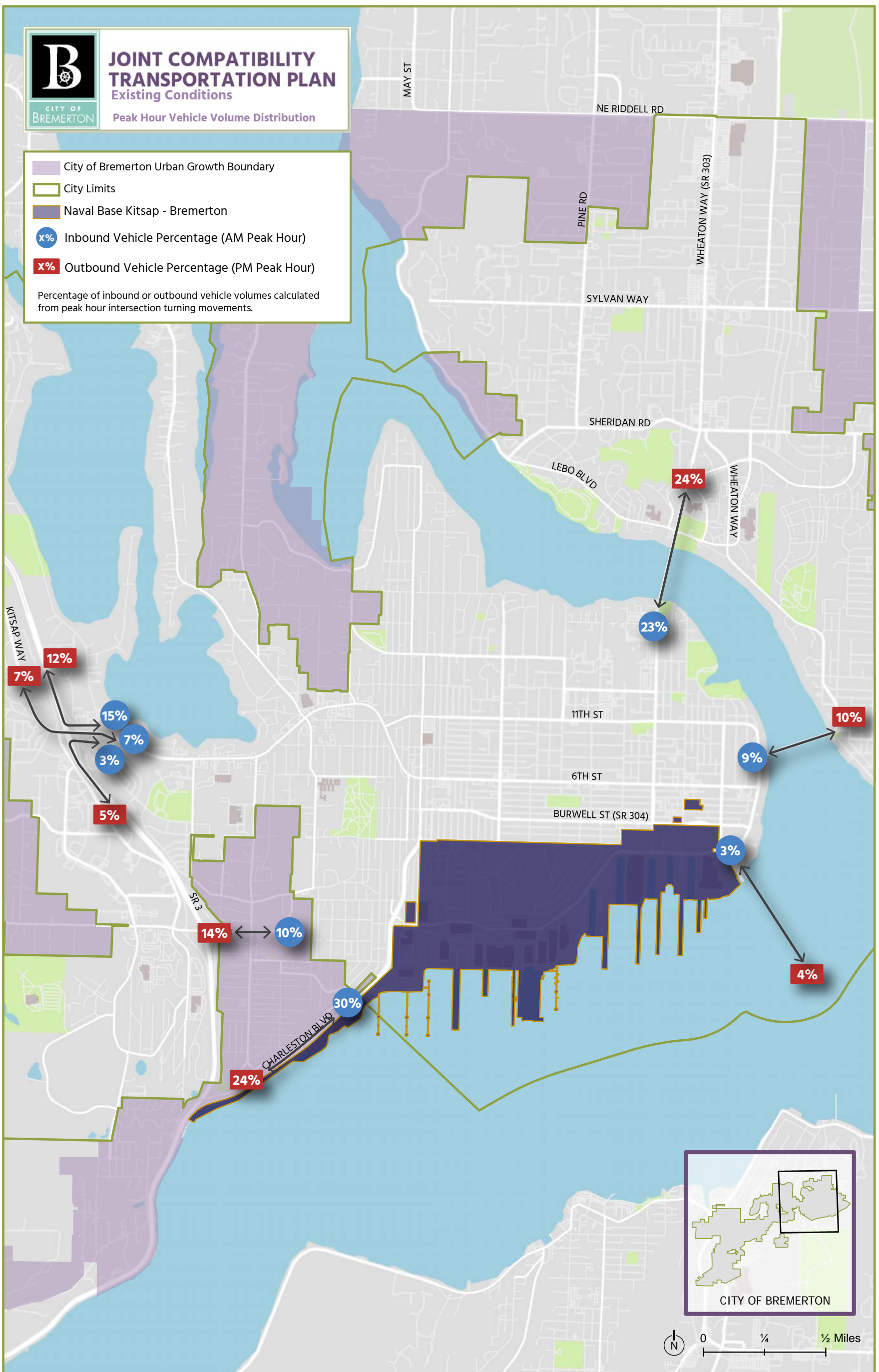


Figure 4-5. Existing Vehicle Volume Distribution

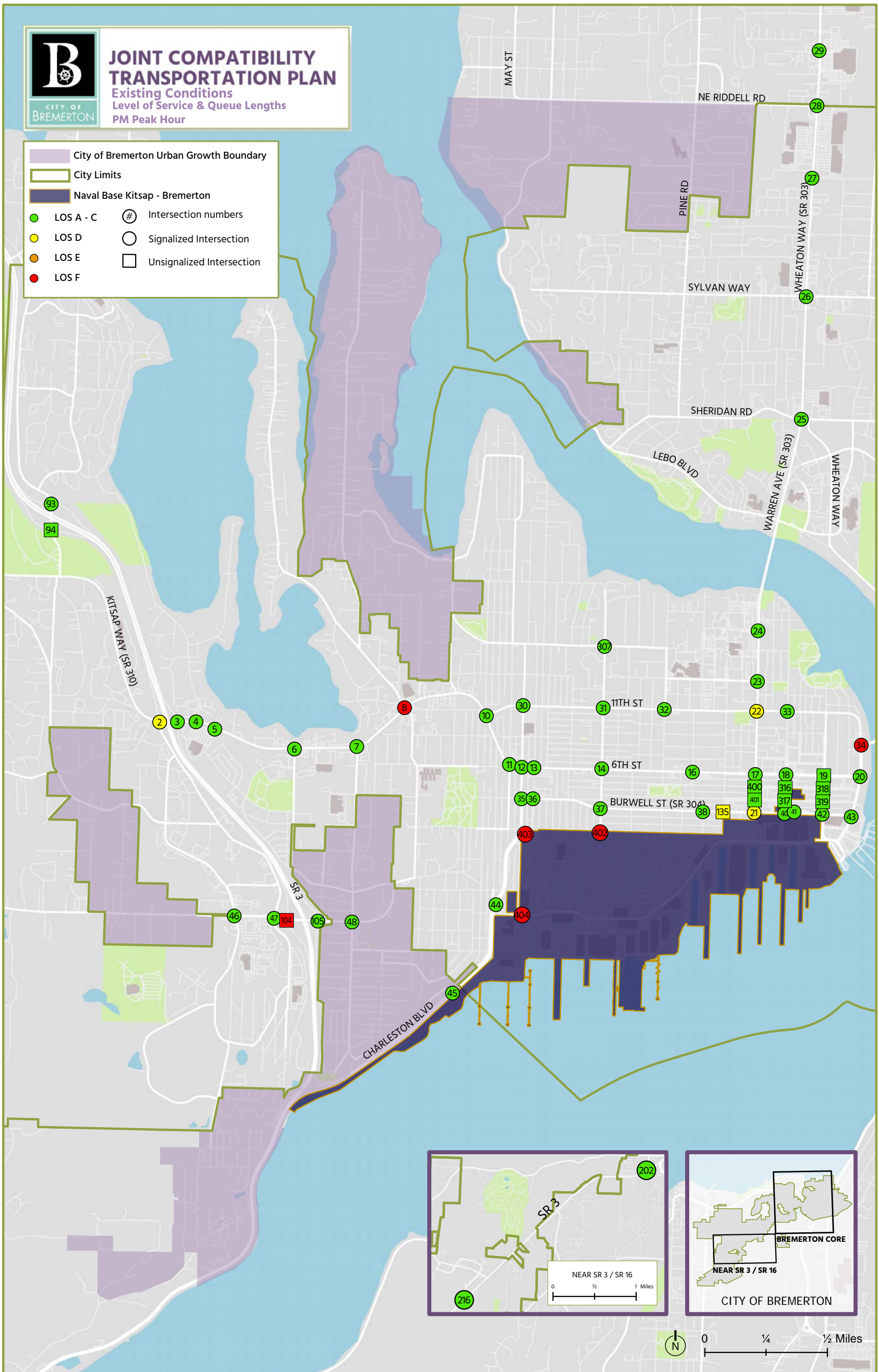


Figure 4-6. Existing Level of Service – AM Peak Hour

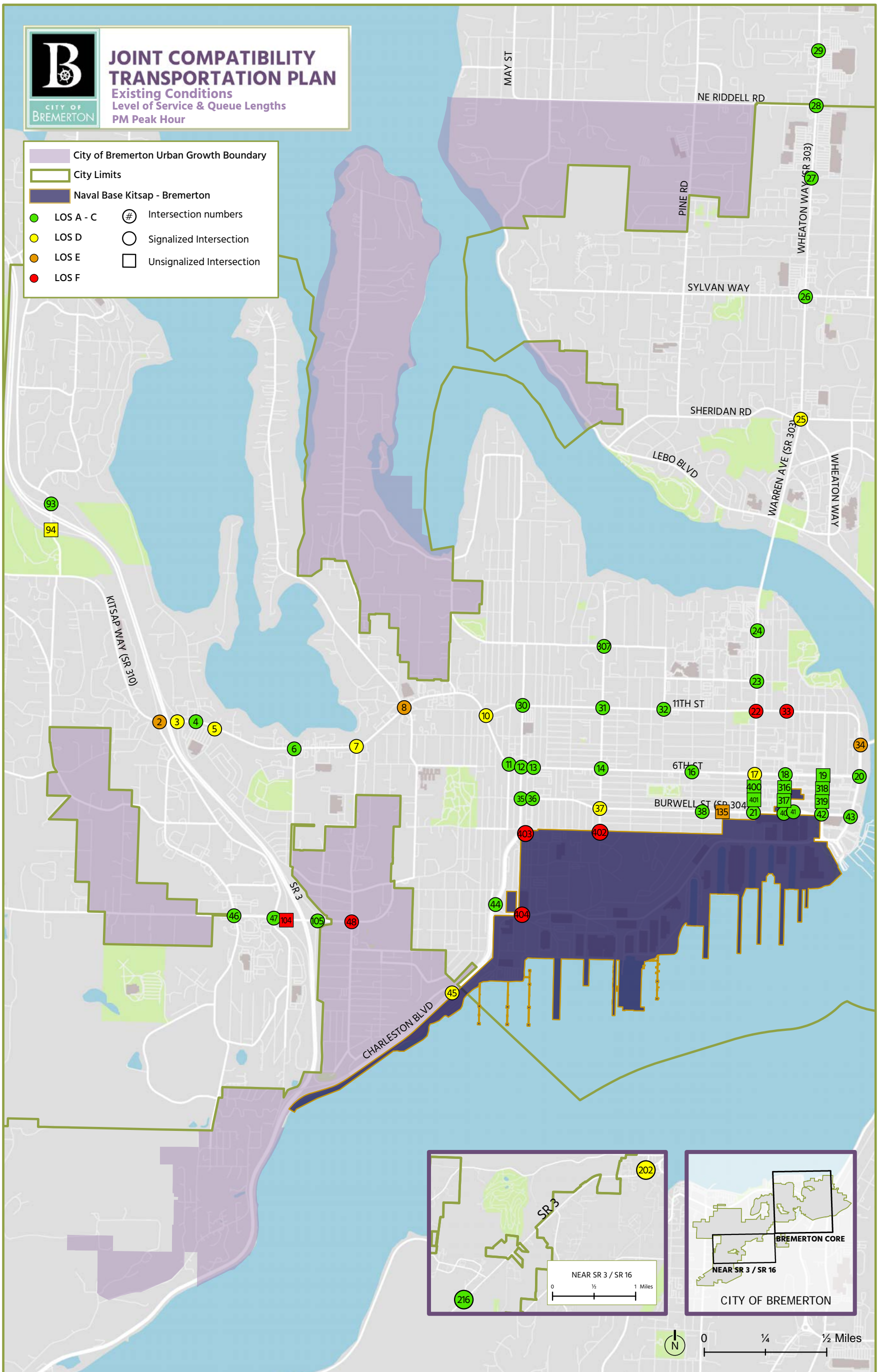


Figure 4-7. Existing Level of Service – PM Peak Hour

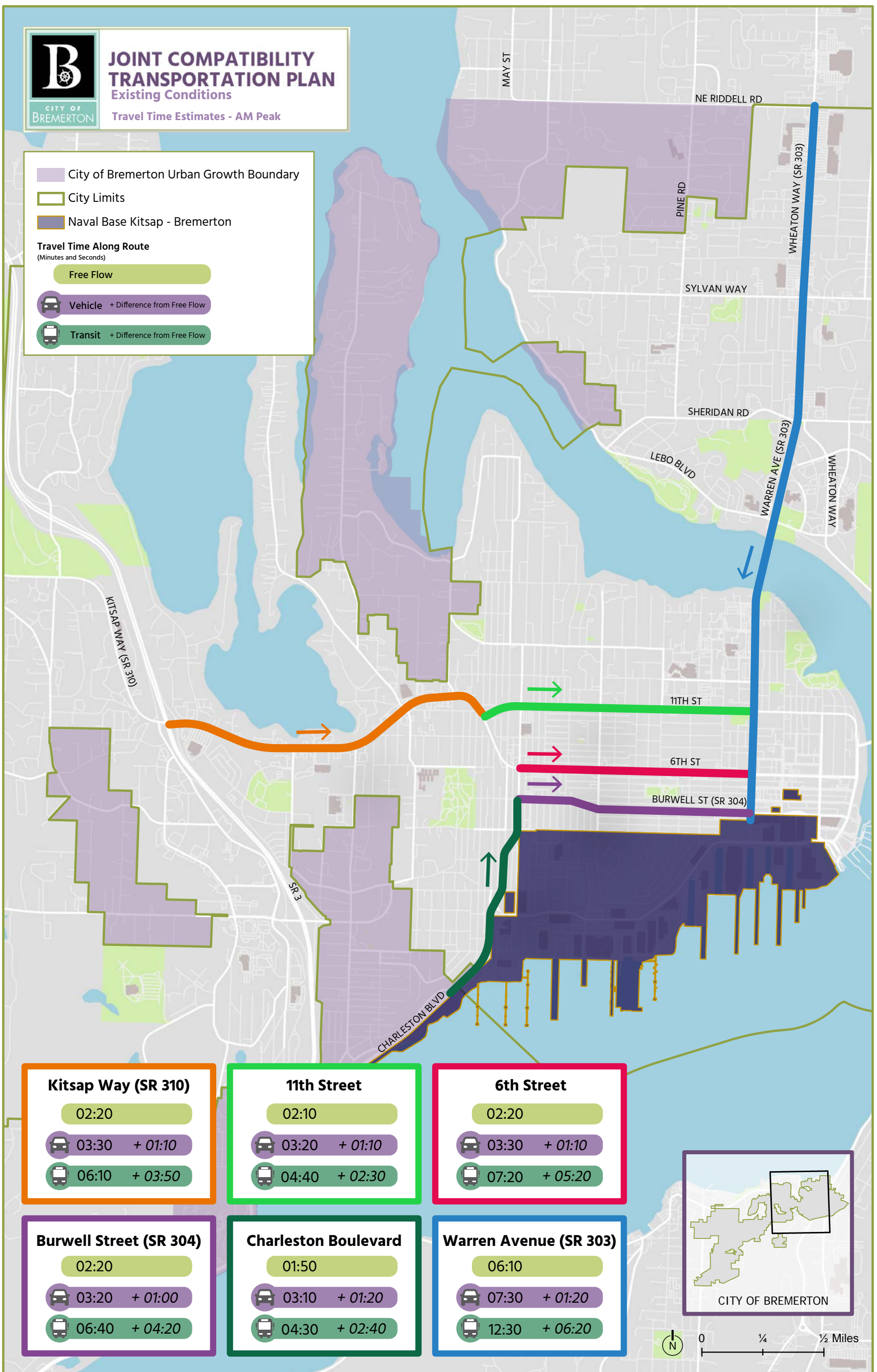


Figure 4-8. Existing Travel Times – AM Peak Hour

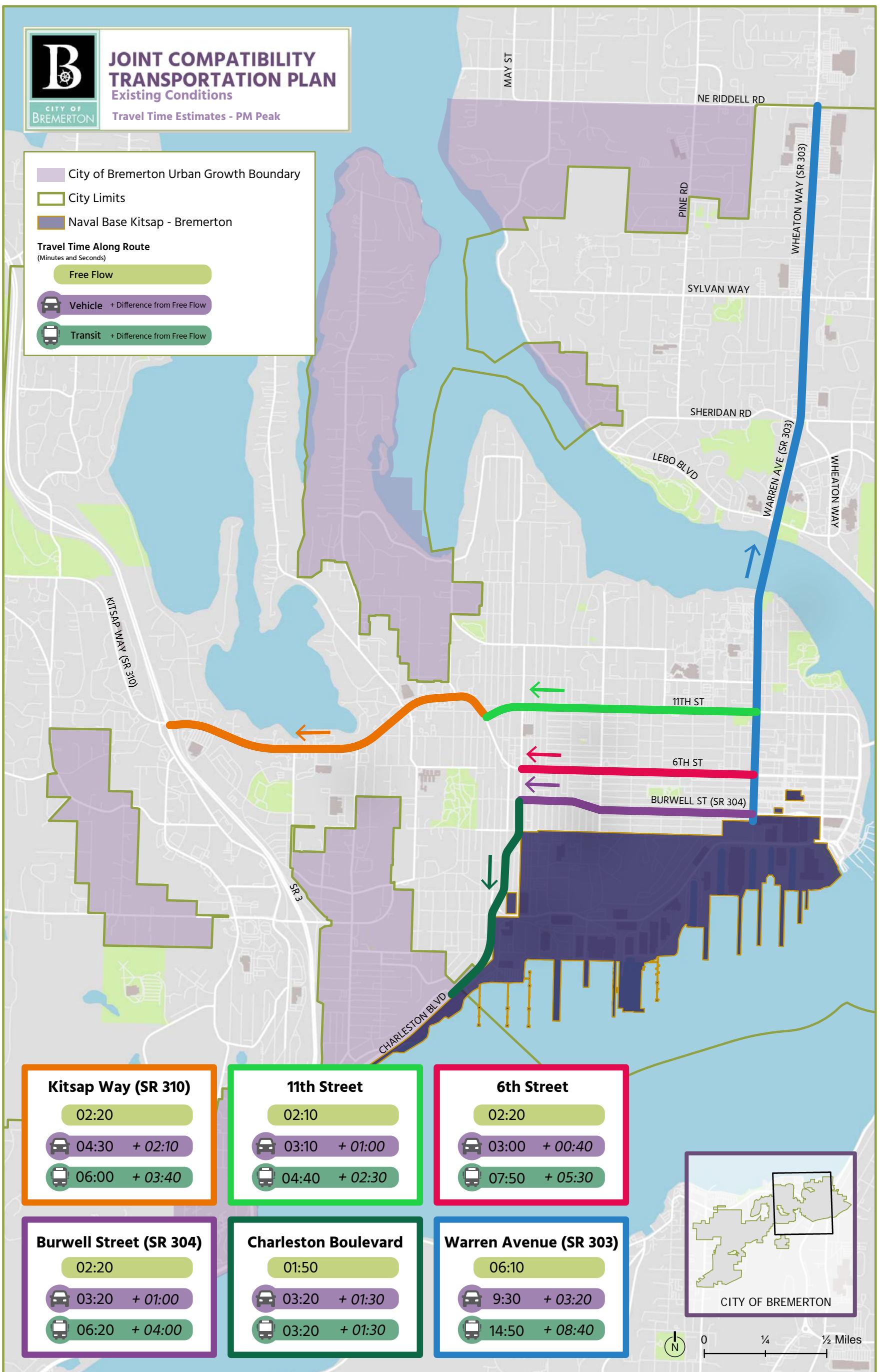


Figure 4-9. Existing Travel Times – PM Peak Hour

Transit

Public transit in Bremerton consists of fixed-route bus, worker/driver bus, and ferry service provided by Kitsap Transit, Mason Transit, and Washington State Ferries. According to NBK-BR employee numbers and mode share, 14 percent of NBK-BR employees commute by fixed-route bus, worker/driver bus, or ferry, with a total of 3,000 people traveling to NBK-BR by transit during the AM peak period.



Transit Facilities

The Bremerton Ferry Terminal is a major transportation hub for Kitsap County, with the Bremerton to Seattle ferry carrying almost 2.9 million riders in 2018. The ferry terminal also provides passenger-only connections to Seattle, Port Orchard, and Annapolis through the Kitsap Transit fast ferry and local ferry routes. The Bremerton Transportation Center is adjacent to the Bremerton Ferry Terminal and provides connections to key local and regional destinations through 12 Kitsap Transit bus routes and 2 Mason Transit bus routes.

Kitsap Transit operates several park and ride (P&R) lots within City limits: Gateway P&R at 6th Street and N Montgomery Avenue, Bremerton United Methodist Church at Marine Drive and Dora Avenue, and Wheaton Way Transit Center at E Broad Street and Wheaton Way (SR 303). There are also several P&Rs outside of the City limits that provide service to commuters. These P&Rs are accessed by both fixed-route buses and worker/driver buses.

There are no dedicated transit lanes along roadways in Bremerton. There is a southbound high-occupancy vehicle (HOV) lane along Charleston Boulevard (SR 304) that can be used by privately-owned vehicles and transit.

Fixed-Route Buses

Kitsap Transit operates several bus routes, mostly along the main travel corridors in Downtown Bremerton: Warren Avenue (SR 303), Burwell Avenue (SR 304), 6th Street, 11th Street, and Kitsap Way. During peak periods, headways range from 30 to 75 minutes. According to the National Association of City Transportation Officials, moderate-volume transit systems generally have 5- to 10-minute

headways during peak periods, and high-volume transit systems generally have 2- to 6-minute headways (NACTO 2016). Even for a low-volume transit system like Kitsap Transit, headways would be expected to be closer to 15 minutes during peak periods.

The fixed-route bus network is shown in Figure 4-10. This figure also shows the capacity and occupancy for the three P&Rs located within City limits. The transit service shown in Figure 4-10 provides good coverage for travel in and around the City. For people who live south of the City, there are no fixed transit routes that provide direct access to the City or NBK-BR. With 30 percent of the people driving to Bremerton from the south, this highlights an opportunity to consider new fixed-route service to and from the south.

Worker/Driver Buses

Kitsap Transit also operates a Worker/Driver Bus program for employees traveling to and from NBK-BR. Buses serve both NBK-BR and NBK-Bangor north of the City limits and are open to the general public outside of the military bases. The buses operate like a large vanpool, with the driver boarding a bus near their home and picking up coworkers on the way to work. For each worker/driver route, there is one trip to work during the morning commute and one trip from work during the evening commute. Kitsap Transit has 32 worker/driver routes and about 1,500 NBK-BR employees use it to commute to NBK-BR.

Eligible federal employees can ride any of Kitsap Transit's services for free through the Federal Transportation Incentive Program. Employees must purchase a pass through the incentive program and load it onto an ORCA card¹ for use on worker/driver buses and other public transit services, and then submit for reimbursement. Previously, eligible federal employees were automatically given free access to the worker/driver program.

¹ An ORCA card is an electronic fare payment system accepted on Kitsap Transit, Pierce Transit, King County Metro Transit, Community Transit, Sound Transit, Everett Transit, and the Washington State Ferries. It allows riders to load fare product, like a monthly pass, onto their card and tap their card aboard a bus, train, or ferry to pay their fare. Instead of carrying different passes for different transit systems, riders carry just one card.

The worker/driver bus network is shown in Figure 4-11. This figure also shows the capacity and occupancy for the three P&Rs located within City limits. It can be seen in Figure 4-11 that the worker/driver bus provides service to areas south of Bremerton using SR 3 through Gorst to get north to NBK-BR using the Charleston Boulevard (SR 304) exit.

Transit Operations

The travel times for inbound traffic in the Existing Conditions AM peak hour are shown in Figure 4-8 and the travel times for outbound traffic in the Existing Conditions PM peak hour are shown in Figure 4-9. Transit travel times are up to 160 percent longer than GP traffic travel times due to dwell times for unloading and loading passengers and time spent decelerating and accelerating at transit stops. Travel times between transit stops are the same as GP traffic due to a lack of dedicated transit facilities such as a business access transit (BAT) lane or transit signal priority (TSP).

Key Findings

The following summarizes the key findings of the transit evaluation.

- 14 percent of NBK-BR employees commute by fixed-route bus, worker/driver bus, or ferry, with a total of 3,000 people traveling to NBK-BR by transit during the AM peak period.
- Buses use the same facilities as GP traffic and have limited frequency, which does not encourage transit use.
- Existing P&Rs in West Bremerton and Silverdale do not have adequate capacity and are not able to meet the transit demand in these locations.
- The current Federal reimbursement system for transit passes to NBK-BR employees has a negative impact on enrollment in the worker/driver bus program.

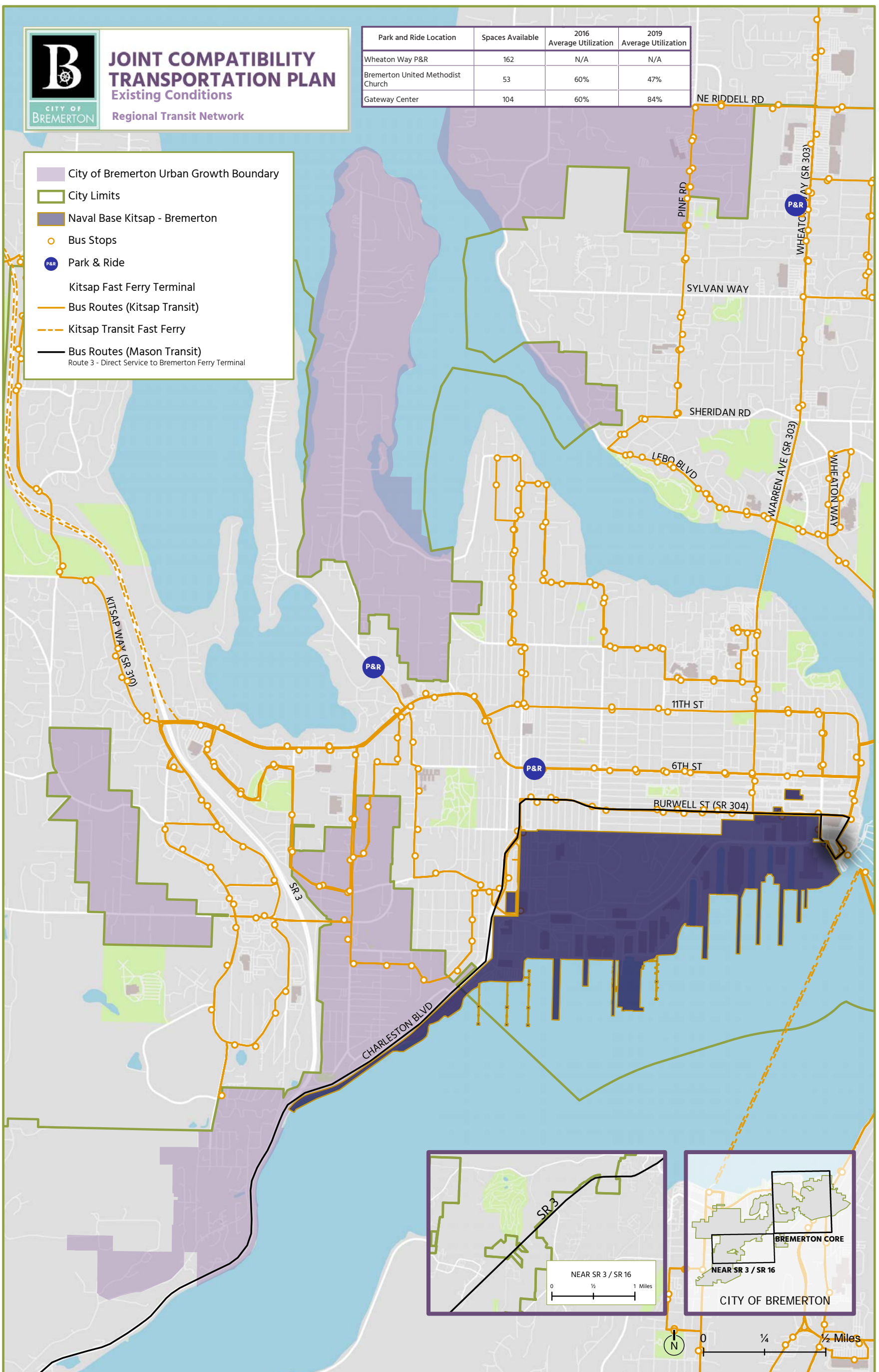


Figure 4-10. Fixed-Route Bus Network

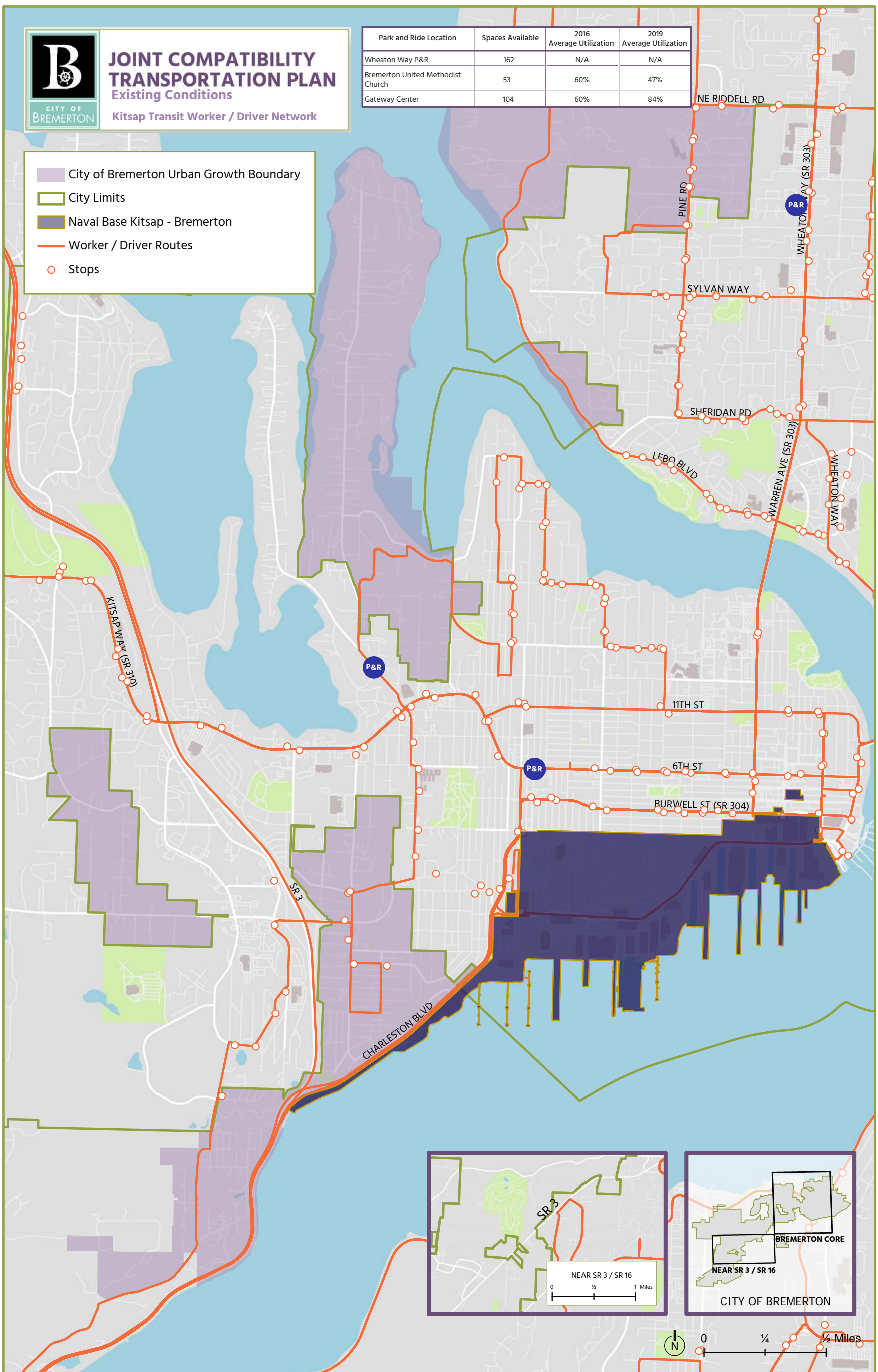


Figure 4-11. Worker/Driver Bus Network

Active Transportation

Active transportation is defined as using a human-scale and often human-powered means of travel to get from one place to another and includes walking; bicycling; using a mobility assistive or adaptive device, such as a wheelchair or walker; using micromobility devices, such as skateboards or foot scooters; and using electric-assist devices, such as e-bikes and e-foot scooters.



Active Transportation Facilities

The existing pedestrian facilities are shown in Figure 4-12, and the existing bicycle facilities are shown in Figure 4-13.

The existing bicycle facilities, sidewalks, and crossings in the study area were evaluated to determine the existing active transportation network. Data for the existing sidewalk gaps and obstructions were documented using a geographic information system provided by the City. Sidewalks are classified as one of three levels: poor or very poor; fair or marginal; and good, very good, or excellent. Many of the sidewalks near NBK-BR are classified as marginal or worse. Additionally, many sidewalks are narrow and have obstructions such as utility poles and fire hydrants. There is also a lack of buffers between sidewalks and travel lanes.

Within Downtown Bremerton, there are very few bicycle facilities, with bike lanes along Kitsap Way, Charleston Boulevard (SR 304), and Washington Avenue. The existing bicycle facilities are located on high-speed and high-volume roadways that lack a buffer between cyclists and vehicles. There is a lack of wayfinding to help cyclists find marked routes and a lack of commuter cyclist amenities, like bike racks and storage. There are no regional bicycle facilities that provide opportunities for people to cycle into Downtown Bremerton or NBK-BR. Additionally, the existing bicycle corridors shown in Figure 4-13 are fragments that do not provide direct access to key destinations or origins.

Generally, there are gaps in the sidewalk and bicycle network, limited street connectivity in West Bremerton and Manette, difficult roadway crossings, and barriers, such as surrounding water, fences around NBK-BR, and busy arterials, like SR 303 and Kitsap Way. The poor existing facilities and poor

network connectivity can contribute to perceived safety issues for active transportation users and do not encourage walking or bicycling to and within Downtown Bremerton.

Many large employers provide easy access for people to drive onto the site and either park or get dropped off by another person. NBK-BR is a controlled facility that does not facilitate easy drop-offs or pick-ups, and there are no designated drop-off or pick-up locations adjacent to the NBKBR gates. Dropoff or pick-up must occur on City streets or using one of the surface parking lots.

Active Transportation Volumes

Data for the number of bicyclists and pedestrians during the Existing Conditions AM and PM peak hours was collected at the same time as the intersection turning-movement counts. It should be noted that low active transportation use does not equate to low demand when active transportation networks are incomplete or are high stress. In other words, many more people might want to use active transportation modes like walking, bicycling, boarding, or other rolling methods to reach their destinations, but because adequate facilities are not available, they choose to drive or ride transit instead.

Based on counts at the NBK-BR entry gates, there are 10,000 incoming daily pedestrians that travel through the NBK-BR gates to access NBKBR. 8,500 of these pedestrians are assumed to be NBK-BR employees that park Downtown and walk into NBK-BR, while the remaining 1,500 are NBK-BR employees that travel by active transportation, bus, or ferry to NBK-BR. This is a mix of NBK-BR commuters who travel to Bremerton by transit, walking, or bicycling as well as commuters who park in Downtown Bremerton and walk into NBK-BR. Bicycling is not allowed within the Controlled Industrial Area, so bicycling commuters must dismount and walk their bicycles through the gates. The number of daily inbound pedestrians that travel through each NBK-BR gate is shown in Figure 4-14.

According to NBK-BR employee numbers and mode share, 14 percent of NBK-BR employees commute by walking or bicycling, with a total of 1,400 people traveling to NBK-BR via active transportation during the AM peak period of 5 to 9 a.m.

Key Findings

The following summarizes the key findings of the active transportation evaluation.

- 14 percent of NBK-BR employees commute by walking or bicycling, with a total of 1,400 people traveling to NBK-BR via active transportation during the AM peak period.
- Many sidewalks are in poor condition, are narrow, and have obstructions such as utility poles and fire hydrants. There is a lack of buffers between sidewalks and travel lanes.
- The existing bicycle facilities are located on high-speed and high-volume roadways that lack a buffer between cyclists and vehicles. There is a lack of wayfinding to help cyclists find marked routes and a lack of commuter cyclist amenities like bike racks and storage.
- There are gaps in the sidewalk and bicycle network, limited street connectivity in West Bremerton and Manette, difficult roadway crossings, and barriers, such as surrounding water, fences around NBK-BR, and busy arterials, like SR 303 and Kitsap Way.
- The poor existing facilities and poor network connectivity can contribute to perceived safety issues for active transportation users and do not encourage walking or bicycling to and within Downtown Bremerton.

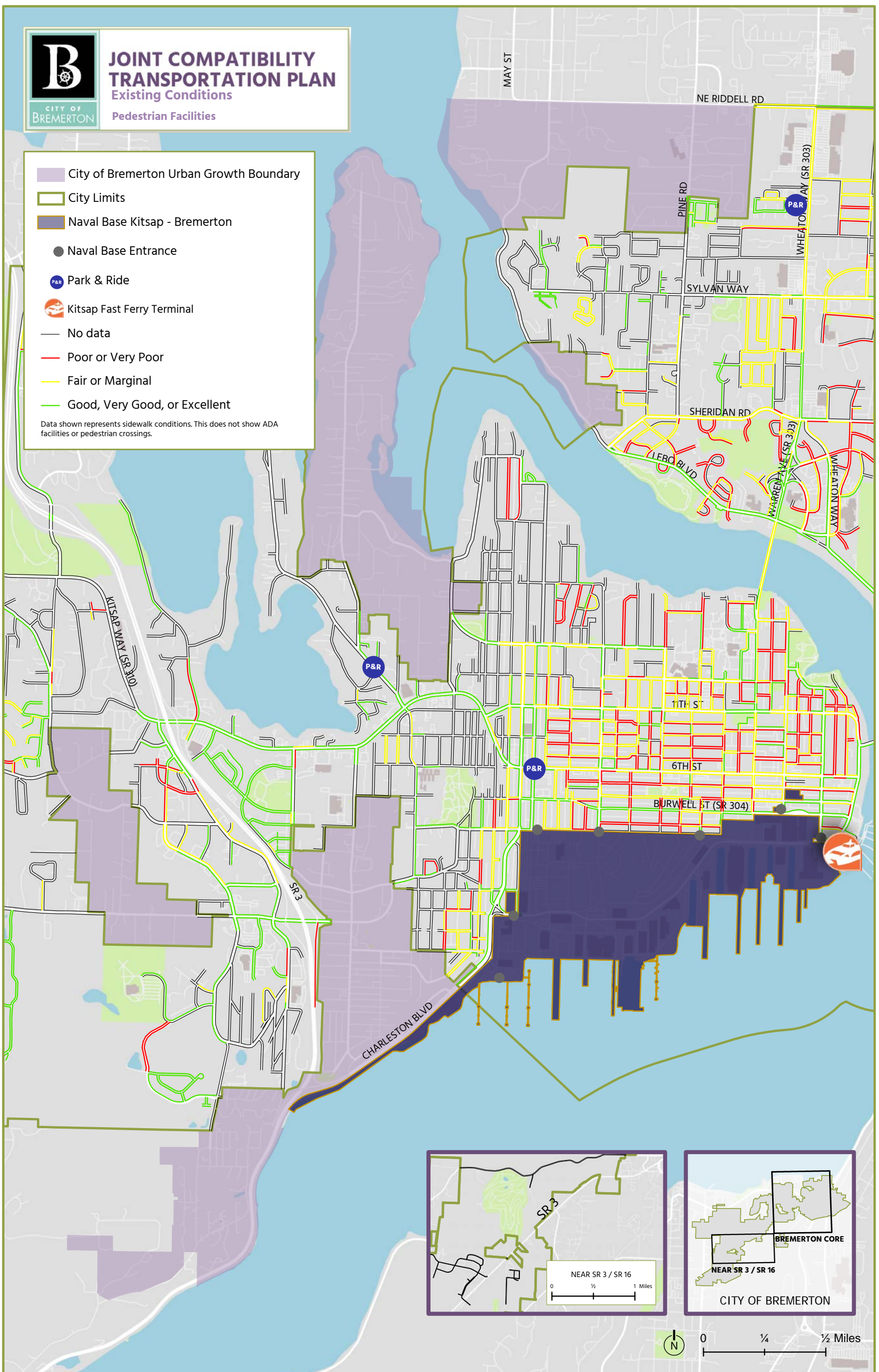


Figure 4-12. Existing Pedestrian Facilities

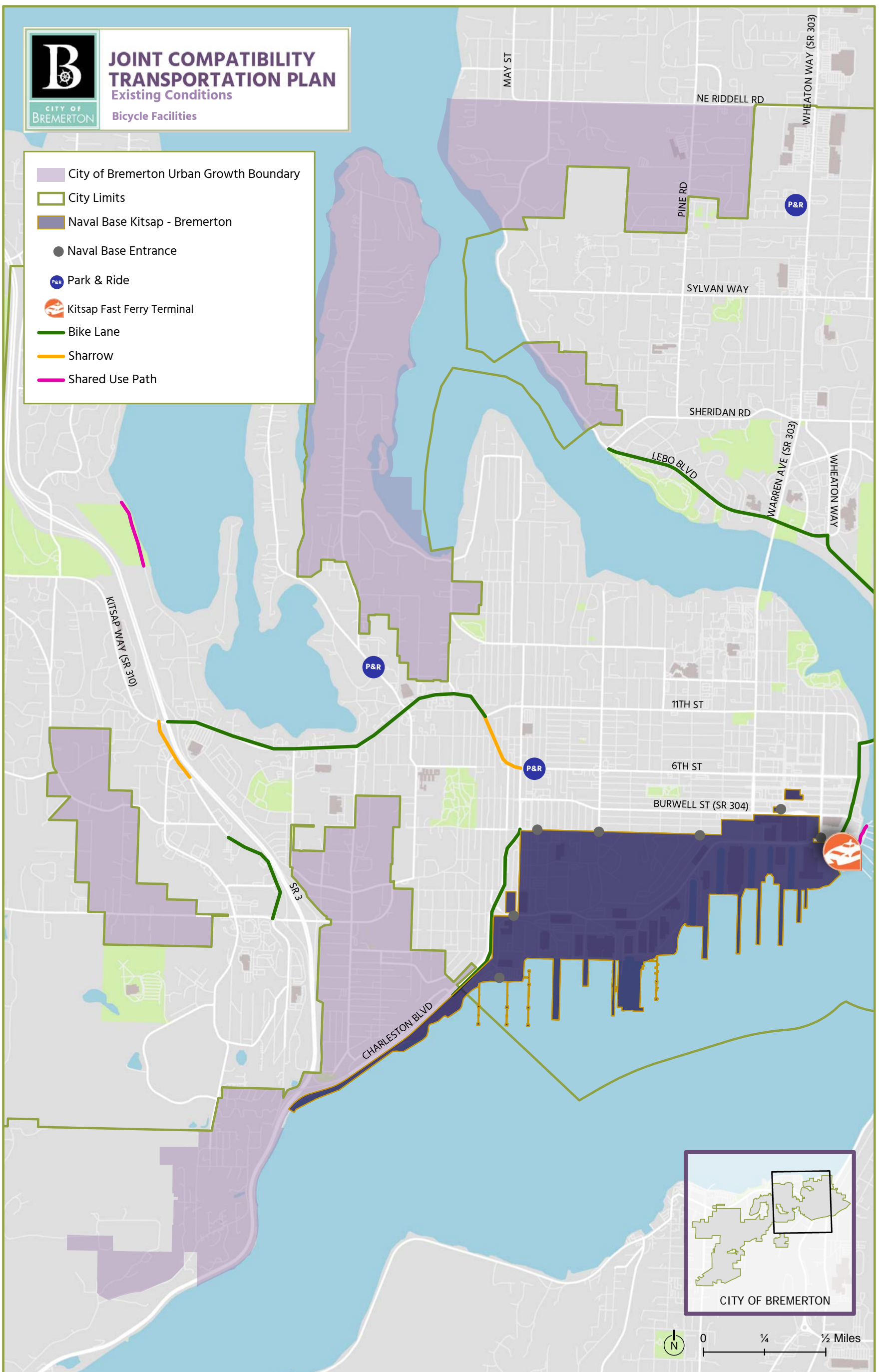


Figure 4-13. Existing Bicycle Facilities

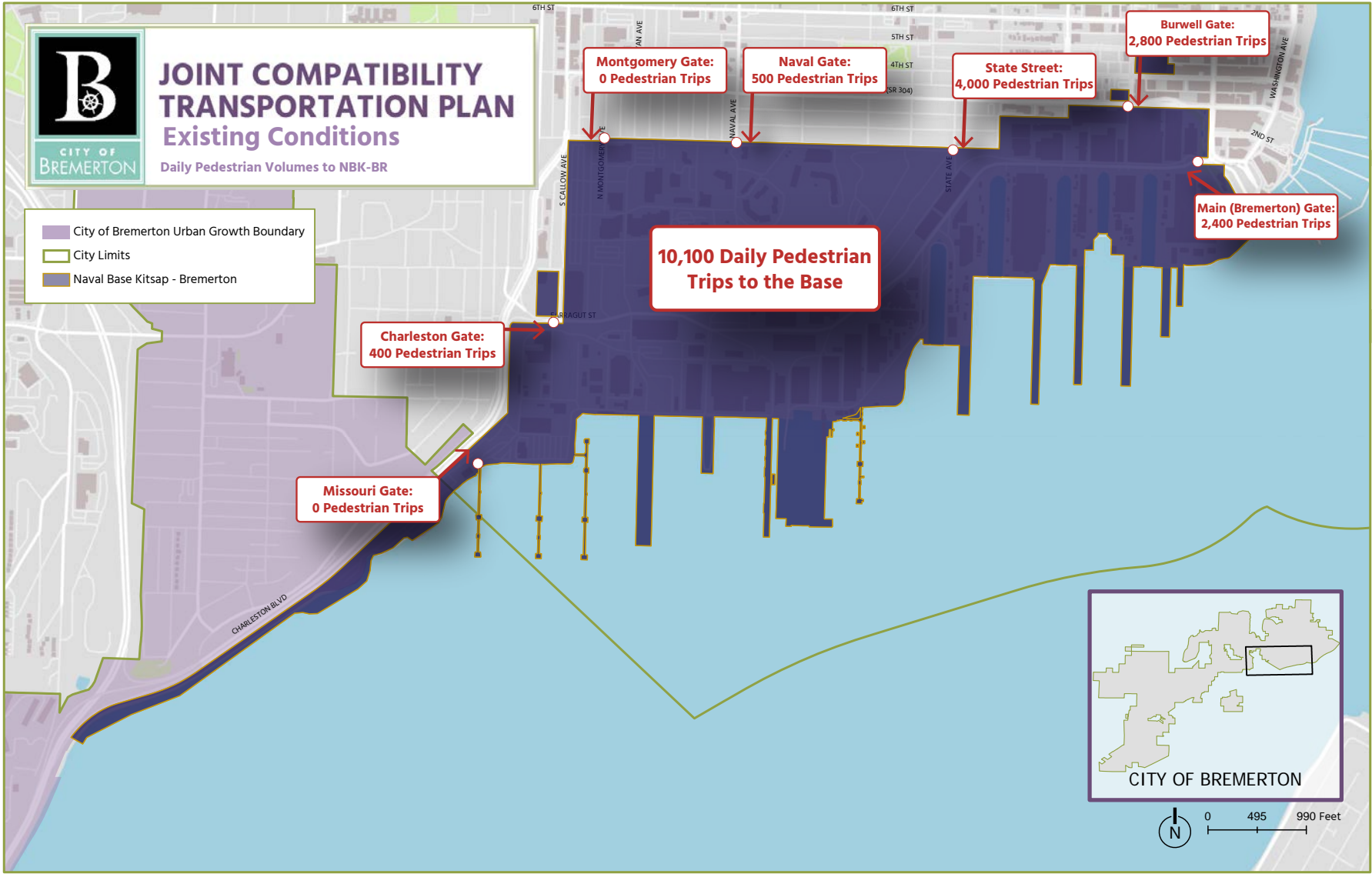


Figure 4-14. Existing Pedestrian Volumes at NBK-BR

Safety

Under 23 United States Code §148 and 23 United States Code §409, safety data, reports, surveys, schedules, list compiled or collected for the purpose of identifying, evaluating, or planning the safety enhancement of potential crash sites, hazardous roadway conditions, or railway-highway crossings are not subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location mentioned or addressed in such reports, surveys, schedules, lists, or data.

Citywide crash data collected and used in the 2020 Bremerton Strategic Road Safety Plan (City of Bremerton 2020b) was used to highlight crash locations and identify locations that require additional attention. The Bremerton Strategic Road Safety Plan (City of Bremerton 2020b) included analysis of crash data for the years 2014 to 2018. The study team also evaluated 2019 crash data provided by WSDOT. The 2014–2019 reported crash data for the study area are shown in Figure 4-15 and Figure 4-16.

The Bremerton Strategic Road Safety Plan was updated in 2022 (City of Bremerton 2022) and was referenced during project development and screening.

Key Findings

The following summarizes the key findings of the crash analysis.

- The most common collision type in fatal and serious injury crashes was a hit pedestrian.
- Several collision attributes of fatal and serious injury crashes in Bremerton occur at a higher rate in Bremerton than in other western Washington crashes, such as pedestrian walking along or crossing a road, angle collisions, dark/no streetlights, and utility poles.
- Rear-end crashes made up for 30 percent of all crashes. Rear-end crashes are often related to higher levels of congestion.



**JOINT COMPATIBILITY
TRANSPORTATION PLAN**
Existing Conditions
Collisions (2014 - 2019)

- City of Bremerton Urban Growth Boundary
- City Limits
- Naval Base Kitsap - Bremerton
- Collisions

Under 23 United States Code §148 and 23 United States Code §409, safety data, reports, surveys, schedules, lists compiled or collected for the purpose of identifying, evaluating, or planning the safety enhancement of potential crash sites, hazardous roadway conditions, or railway-highway crossings are not subject to discovery or admitted into evidence in a Federal or State court proceeding or considered for other purposes in any action for damages arising from any occurrence at a location mentioned or addressed in such reports, surveys, schedules, lists, or data.

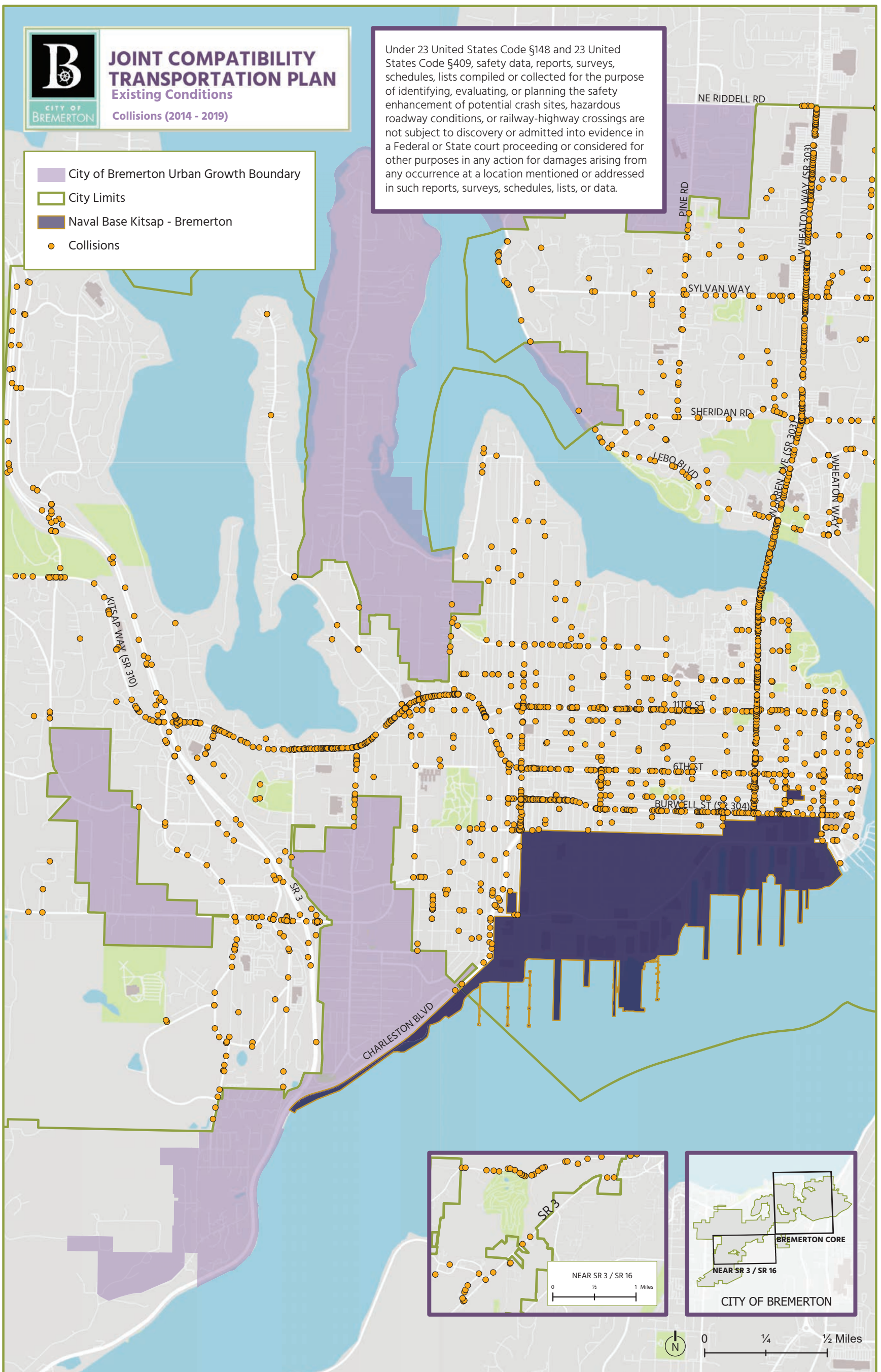


Figure 4-15. Collisions (2014–2019)

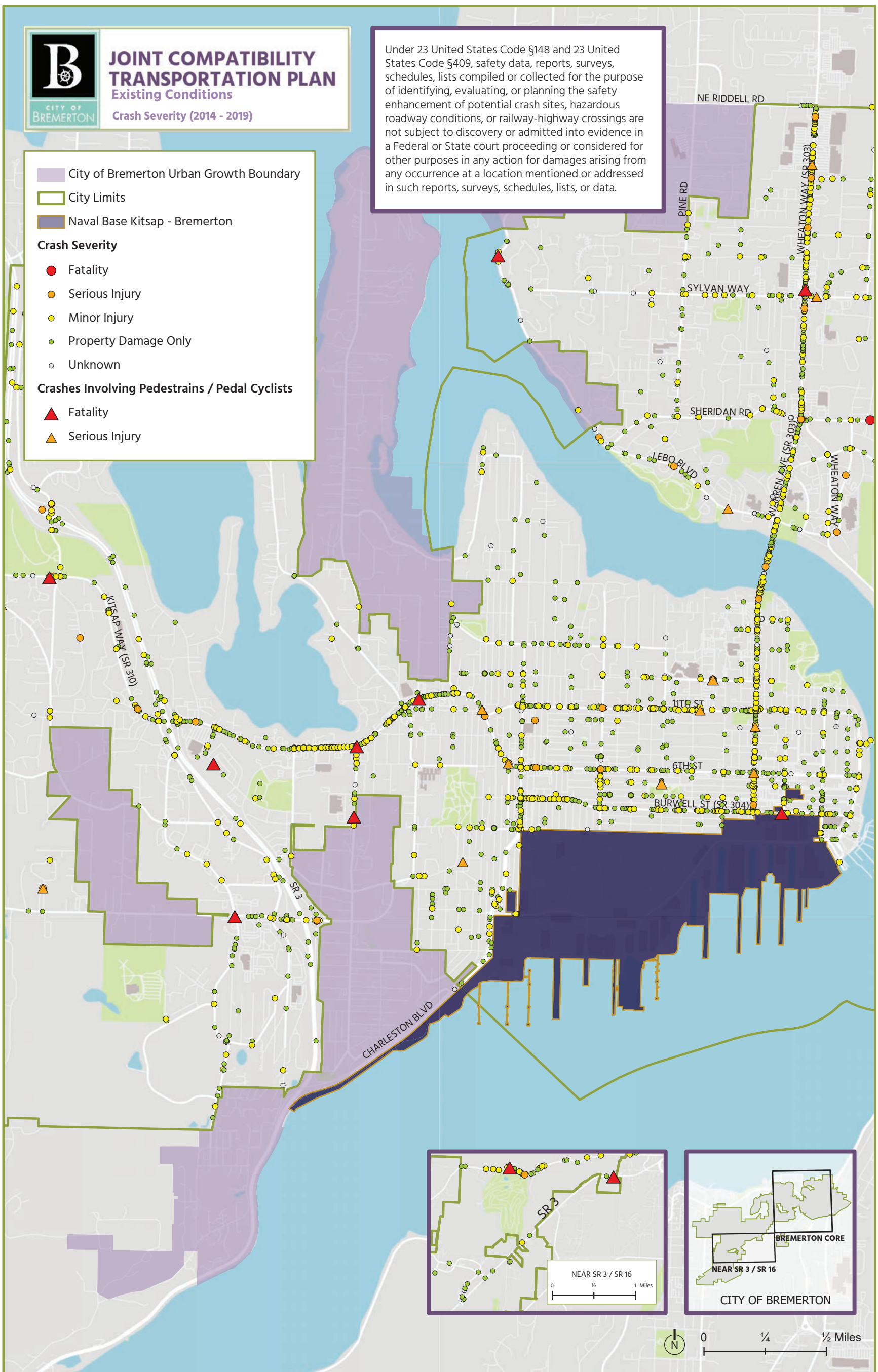


Figure 4-16. Crash Severity (2014–2019)

Economics

The study team conducted an economic assessment that documented current economic conditions, historic growth trends, and economic drivers in the study area. Data used in this report are drawn from several sources: existing studies and analysis completed by Community Attributes for the SR 303 Corridor Study (City of Bremerton 2021) and the Joint Land Use Study (Kitsap County 2015) and public data sources, including City of Bremerton, PSRC, Washington State Office of Financial Management, Kitsap Economic Development Alliance, Kitsap County Assessor's office, and CoStar.

The Economic and Market Profile is included in Appendix F.

Demographics

The total population in the study area, which includes the City and the Unincorporated UGA, was 51,100 people in 2020, with 82 percent of the population within the City of Bremerton. This represents almost 19 percent of the total population in Kitsap County. Between 2000 and 2020, population in the study area grew at an average annual rate of 0.5 percent, which is an insignificant increase given the regular fluctuations in the military population of 2,000 to 3,000 people, due to arrival and departure of NBK-BR personnel. Bremerton's growth has not kept pace with surrounding County and regional areas where unprecedented growth has occurred in the past decade. One possible reason for the area's stagnant population is revealed in the Housing Element of the City of Bremerton's Comprehensive Plan, which mentions that current conditions in the housing market are in large part responsible for the City's lack of growth.

In 2019, median household income in the study area was mostly below the Countywide median household income of roughly \$75,400, except for a block group on the north side of Belfair Valley Road, as shown in Figure 4-17. The City of Bremerton household income in the same period was \$52,700, which is almost \$23,000 below the Kitsap County median. Around 16.5 percent of the population for whom poverty status is determined in the City of Bremerton live below the poverty line, compared to 7.5 percent for Kitsap County.

Industry and Employment

Limited employment data availability for the study area restricts the industry and employment analysis to the City of Bremerton (not including the Unincorporated UGA). Total employment in the City of Bremerton was 32,400 in 2019, an increase from 28,000 in 2006. Employment was relatively steady between 2006 and 2013 but grew by 4,000 jobs between 2013 and 2019, as shown in Figure 4-18. Over this period, the share of Kitsap County employment in Bremerton remained stable—between 35 percent and 36 percent of total County jobs.

In 2019, over 52 percent of total employment in the study area was concentrated in the government sector. The share of government jobs as a percentage of total employment in the study area has increased since 2006, as shown in Figure 4-19. Most of the jobs in this sector are associated with NBK-BR. Other public agencies that contribute to this employment include the Bremerton Transportation Center and state and County government services facilities. Although Bremerton's growth patterns remain heavily dependent on military and other government expenditures, this provides a buffer in the local and regional economy during periods of economic volatility.

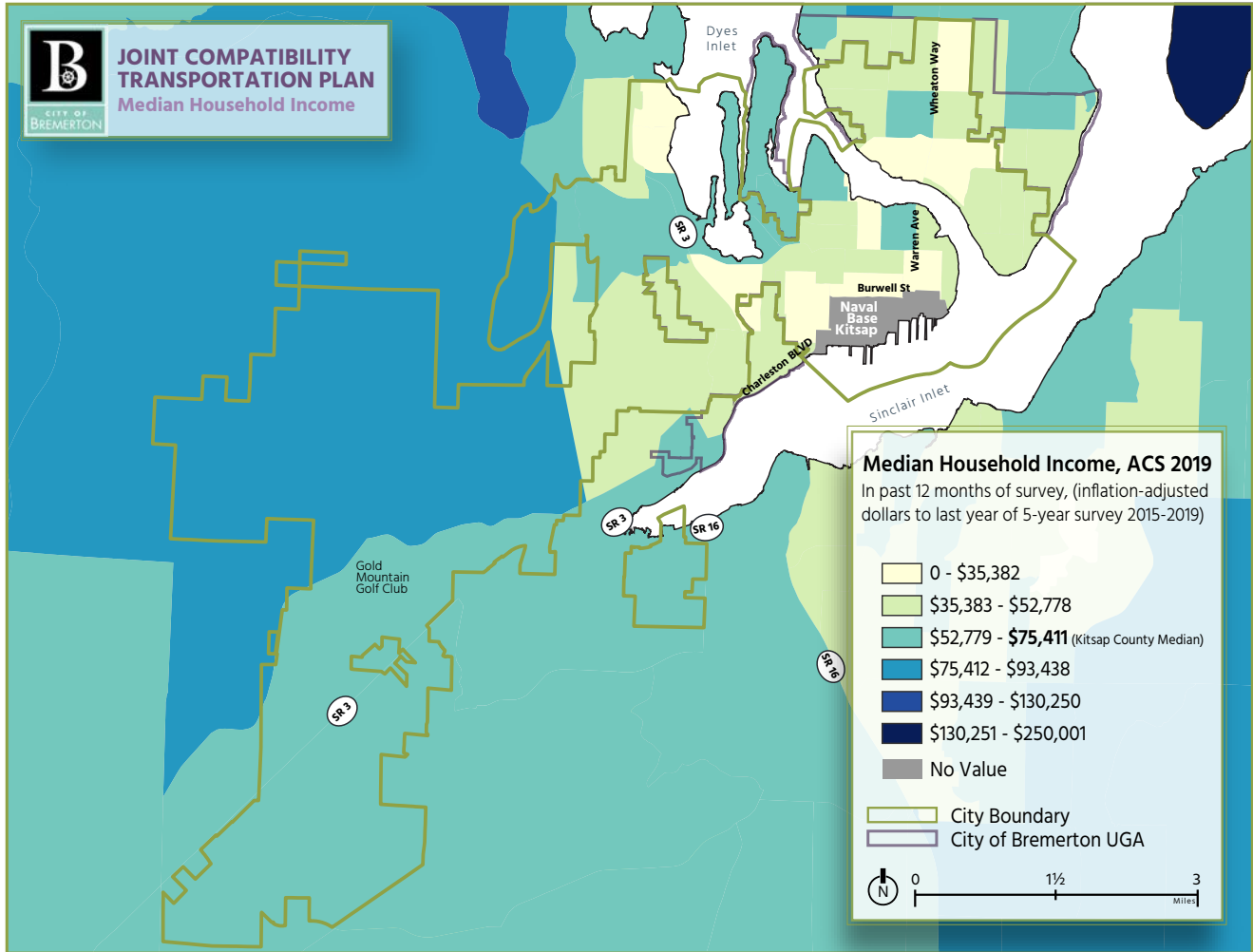


Figure 4-17. Study Area Median Household Income (2015–2019)

Sources: United States Census Bureau, 2021; Community Attributes, 2021

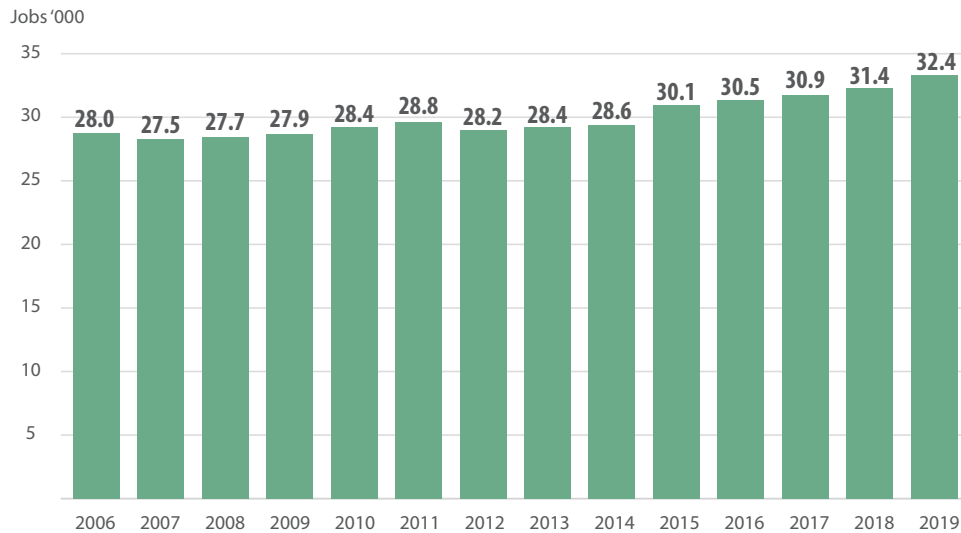


Figure 4-18. City of Bremerton Employment (2006–2019)

Sources: Puget Sound Regional Council, 2021; Community Attributes, 2021

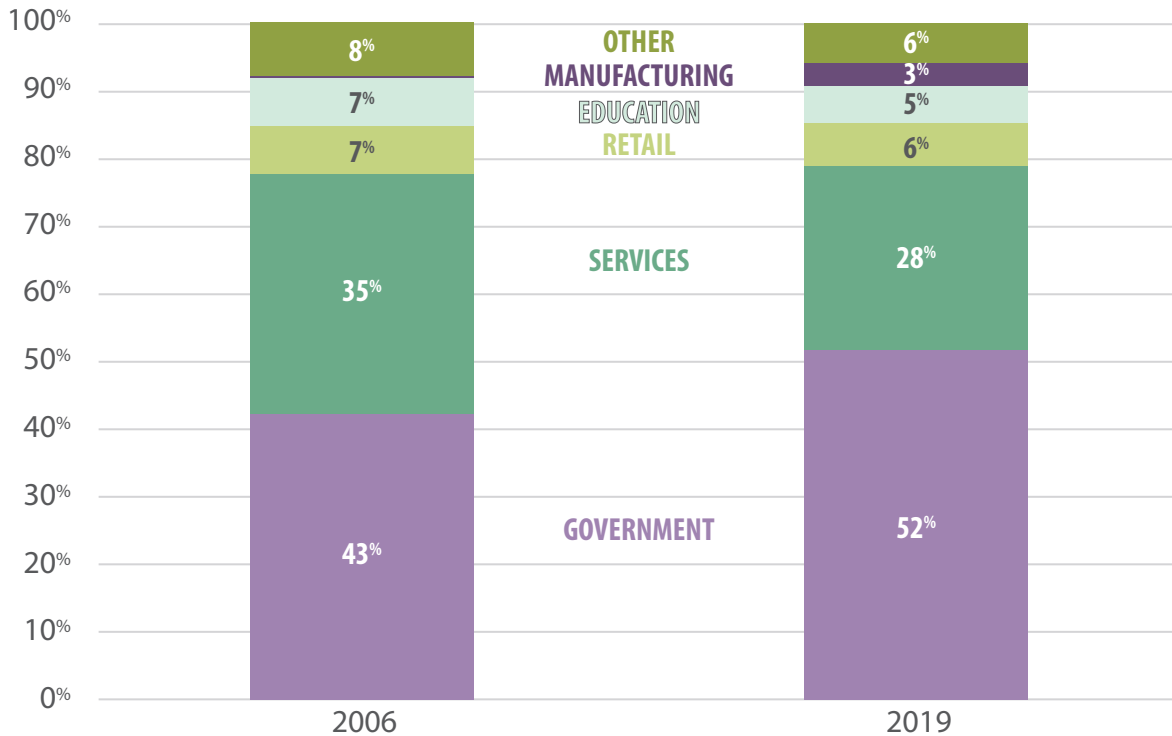


Figure 4-19. Study Area Employment Share by Industry (2006, 2019)

Source: Community Attributes, 2021 Includes Construction/Resources, Finance, Insurance and Real Estate, Wholesale, Transportation and Utilities.

Land Use and Real Estate

The City of Bremerton's 2016 Comprehensive Plan outlines the future land use policy direction to accommodate the City's projected population and employment growth for a 20-year planning time horizon with sufficient areas for housing, businesses, and industry. The Land Use Element maps the entire City into a series of land use districts intended to guide the character and intensity of development based on these and other goals and policies.

To ascertain how successfully the City of Bremerton has implemented its land use vision, the study team mapped the most current snapshot available of the current land uses found on parcels in the City and UGA, based on the Kitsap County Assessor's parcel-specific land use coding system, shown in Figure 4-20. These codes are updated on a rolling basis, as much as possible, and do not always reflect an accurate representation of actual land uses. In comparing planned land use and zoning with actual land uses, the following themes emerge:

- Bremerton has not achieved the level of industrial development that it has thus far planned for outside of NBK-BR, especially within the Puget Sound Industrial Center-Bremerton Subarea, but also in the industrially zoned Werner Road area of the City.
- Much of the City's high-density residential development has occurred in planned for zones along SR 303 north of the Warren Ave Bridge. These areas lie along the primary northern commuter route to and from NBK-BR and Downtown Bremerton.
- To date, the mix of land uses along the SR 303 corridor include significant tracts of vacant land located in areas currently designated District Center. District Center zones are intended as "small downtowns" with moderate- to high-density mixed uses at their core, transitioning out to singlefamily areas.

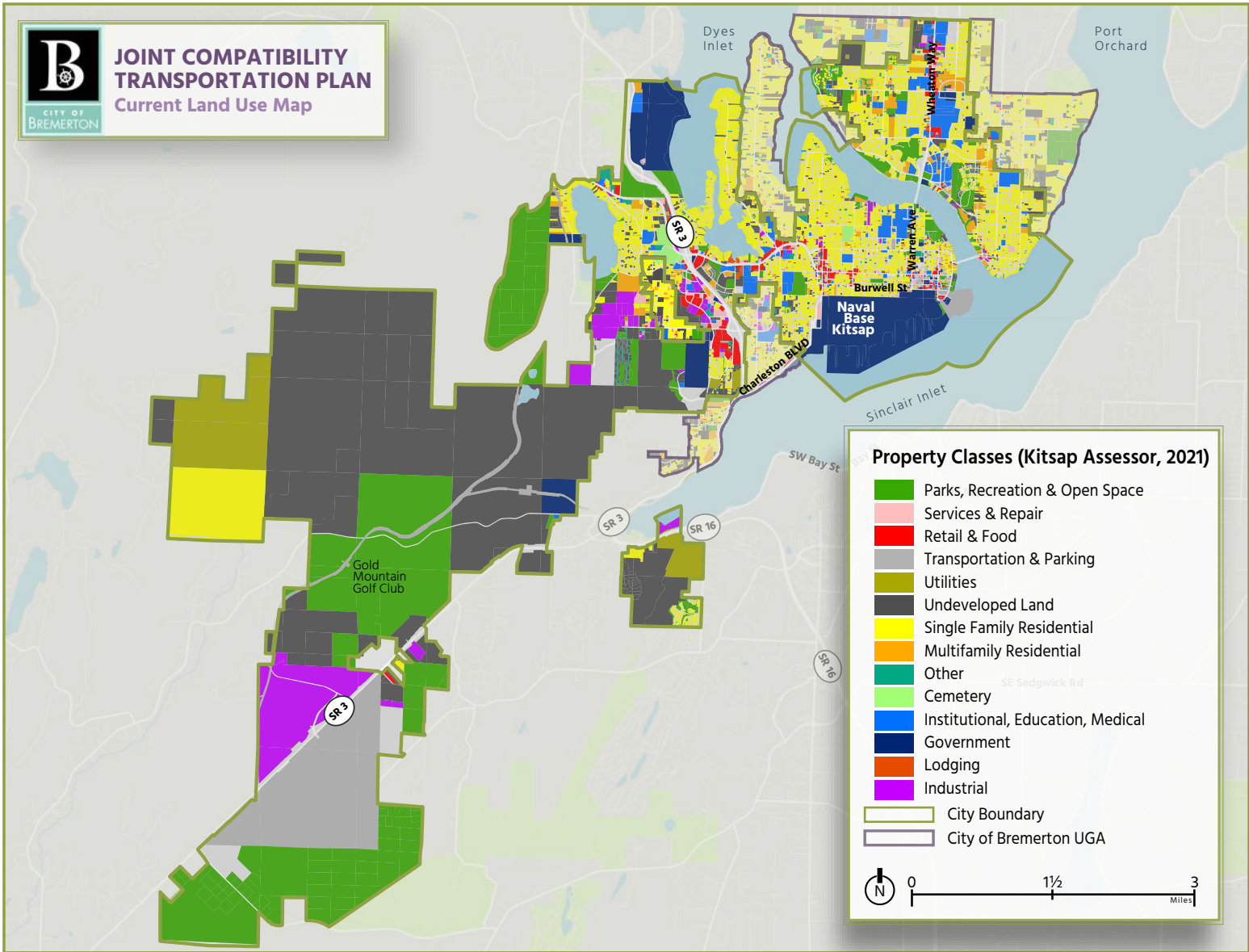
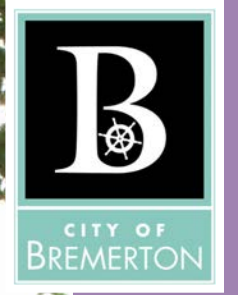


Figure 4-20. Study Area Current Property Classes (2019)

Sources: Kitsap County, 2021; City of Bremerton, 2021; Community Attributes, 2021

**SPEED
LIMIT
25**

**2 HR
PARKING
24 HRS A DAY
7 DAYS A WEEK
EXCEPT
CITY HOLIDAYS**



5. FUTURE NO BUILD CONDITIONS



5. Future No Build Conditions

The Year 2050 Future No Build Condition was evaluated to understand how conditions will change over the next 30 years for parking, traffic operations, transit, active transportation, and safety.

The City travel demand forecasting model was used to understand future year 2050 travel patterns and develop peak hour volumes for the traffic analysis. There are 125 traffic analysis zones within the travel demand model area and eight external gateways. Each of the transportation analysis zones includes an estimated level of population (housing) and employment (jobs) that the model then uses to estimate how people will travel from their homes to their jobs or other non-work related trips. PSRC provided draft year 2050 growth targets for the City of Bremerton and Kitsap County, as shown in Table 5-1.

Employment in the City is shown to grow by 1.1 percent annually, with a total of 55,500 jobs by year 2050 and many of those jobs being located Downtown. City leadership is planning for key housing development locations just west of SR 3 and in Downtown. Even with these new developments, it is anticipated that most employees will be traveling to and from Downtown using the various transportation modes available. At this time, there is no growth forecasted for NBK-BR in the foreseeable future. Additional details on the travel demand forecasting are available in the Future No Build Forecasting Memo in Appendix G.

Table 5-1. Study Area Household and Employment Forecasts

AREA	HOUSEHOLD FORECASTS			EMPLOYMENT FORECASTS		
	Year 2019	Year 2050	Annual Growth Rate	Year 2019	Year 2050	Annual Growth Rate
City of Bremerton	17,300	27,500	1.9 percent	41,000	55,500	1.1 percent
Unincorporated UGA	6,200	9,400	1.7 percent	3,600	6,200	2.3 percent
Total	23,500	36,900	1.8 percent	44,600	61,700	1.2 percent

In developing VISION 2050, PSRC developed future year growth patterns consistent with the policies of the final Regional Growth Strategy. This initial representation will be refined as jurisdictions begin the next round of growth target and comprehensive plan updates as required under the Growth Management Act, a process that will continue through mid-2024. PSRC is choosing not to publish an updated version of its land use forecast product, the Land Use Vision, until after the first major round of implementation work, the GMA growth target updates, are complete. This forecast is an initial, and one possible, version of a growth pattern that meet's VISION 2050's policy objectives. It was used for analysis of the Regional Growth Strategy. It is not reflective of adopted GMA growth targets as these are currently under development. (PSRC, February 2021)

Future No Build Parking

NBK-BR continually seeks opportunities to improve on-base parking including recent conversions of a carwash and parade grounds to new surface parking lots (~160 additional parking spaces), but underutilized space on-base is very low. In addition, NBK-BR has plans for multibillion-dollar shipyard modernizations, and through the review process, on-base parking needs are being considered. Review is still pending, but initial analysis indicates that there is no planned increase to employment growth forecasted for NBK-BR for the shipyard



modernizations. Other than small area conversions to surface parking lots, and shipyard modernization considering if additional parking is triggered, NBK-BR has no further capital plans to increase on-base parking.

No increases in parking capacity are anticipated by the City. As the City pursues their growth plan, conflicts between residential parking and commuter parking will increase.

Future No Build Traffic Operations



For the Year 2050 No Build analysis, the traffic models were updated to include any relevant planned roadway improvement projects that impacted roadway channelization or signal timing. Planning projects were pulled from the City of Bremerton 2021–2026 Transportation Improvement Program (TIP) (City of Bremerton 2020c) and the Kitsap County 2021–2026 TIP (Kitsap County 2020). These projects included:

- Washington Avenue
- Burwell Street Adaptive Signals
- 11th Street/Callow Avenue Intersection Improvements
- HSIP III Kitsap Way Bike Lanes and Warren Avenue Traffic Signal Safety

Signal timing was optimized for the intersections along Burwell Street, 11th Street, and SR 303 to account for the projects along these corridors. Other assumptions for the Year 2050 No Build analysis, including additional background projects that were included in the travel demand modeling, are discussed in the Methods and Assumptions Memo (Appendix D).

Traffic Volumes

Based on the travel demand modeling, the estimated growth rates for the individual study intersections range from –4 percent to +85 percent between 2019 and 2050. The growth rates for individual study intersections were averaged to determine an overall average growth rate for several different corridors and subareas. It should be noted that while the study intersections in Downtown were forecasted to grow by 20 percent by 2050, the growth for the traffic analysis zone where NBK-BR is located was 0 percent.

These growth rates were used to develop intersection traffic volumes for the Year 2050 AM and PM peak hours. The forecasted 2050 traffic volumes were used to determine the distribution of traffic coming in and out of Downtown Bremerton, as shown in Figure 5-1. Generally, more volume is coming to/from the north along SR 303 during Year

2050 No Build Conditions compared to Existing Conditions, and less volume is coming to/from the south along Charleston Boulevard (SR 304).

Operations Analysis

Level of Service and Volume-to-Capacity Ratio

The Year 2050 No Build AM and PM peak hour LOS for the study intersections are shown in Figure 5-2 and Figure 5-3. Table 5-2 shows the intersections that are exceeding LOS standards. Additional LOS information is included in Appendix E.

Similar to Existing Conditions, these intersections are mostly exceeding LOS standards due to large volumes traveling towards Downtown during the AM peak hour and away from Downtown during the PM peak hour and insufficient roadway capacity to accommodate these volumes. At the two-way stop-controlled intersections, vehicles on minor streets are delayed by the large volumes on major streets.

Some intersections, such as Warren Avenue (SR 303) and 11th Street (Intersection #22), slightly improve compared to Existing Conditions due to the optimization of signal timing. Signal timing was optimized along Burwell Street, 11th Street, and SR 303 to account for the No Build roadway projects.

Table 5-2. Year 2050 No Build Traffic Operations Results – Exceeding LOS Standards

ID	INTERSECTION	CONTROL TYPE	LOS STANDARD	EXISTING 2020				NO BUILD 2050			
				AM PEAK		PM PEAK		AM PEAK		PM PEAK	
				LOS	Delay (s)	LOS	Delay (s)	LOS	Delay (s)	LOS	Delay (s)
2	Auto Center Way/SR 3 SB Off-Ramp at Kitsap Way (SR 310)	Signal	D	D	46	E	69	D	51	E	70
7	National Ave at Kitsap Way (SR 310)	Signal	D	-	-	-	-	F	80	D	53
8	Marine Dr at Kitsap Way (SR 310)	Signal	D	F	80	E	75	F	110	E	88
10	11th St at Kitsap Way (SR 310)	Signal	D	-	-	-	-	A	8	E	61
17	Warren Ave (SR 303) at 6th St	Signal	E	-	-	-	-	D	51	E	73
19	Pacific Ave at 6th St	AWSC	E	-	-	-	-	C	20	F	58
22	Warren Ave (SR 303) at 11th St	Signal	E	E	50	F	88	D	44	F	78
25	Wheaton Way (SR 303) at Sheridan Rd	Signal	E	-	-	-	-	D	41	F	93
34	Washington Ave at Manette Bridge	RAB ¹	-	F	214	E	64	-	-	-	-
37	Naval Ave at Burwell St (SR 304)	Signal	D	-	-	-	-	D	41	E	55
48	National Ave at Loxie Eagans Blvd	Signal	E	B	20	F	83	C	22	F	105
94	Austin Dr at SR 3 SB Ramps	TWSC	D	-	-	-	-	C	19	F	178
104	SR 3 SB Ramps at W Loxie Eagans Blvd	TWSC	D	F	82	F	508	F	179	F	1537
135	Chester Ave at Burwell St (SR 304)	TWSC	D	D	29	E	43	E	44	F	110
202	SR 16 Spur/Sam Christopherson Dr at SR 3	Signal	D	-	-	-	-	F	142	F	173
216	SR 3 at Imperial Way	Signal	D	-	-	-	-	F	365	F	246

AWSC = all-way stop-controlled; LOS = level of service; RAB = roundabout; SB = southbound; TWSC = two-way stop-controlled

Note: Orange shading indicates LOS E and red shading indicates LOS F

¹ A roundabout is planned to be constructed at Washington Avenue and Manette Bridge (intersection #34). Unlike other intersection control types, the primary measure of effectiveness for roundabouts is volume-to-capacity (v/c) ratio. The v/c ratio measures the amount of traffic on a given roadway relative to the amount of traffic the roadway was designed to accommodate. The goal for roundabouts is for the v/c ratio to be between 0.85 and 0.90. During the Year 2050 No Build PM peak hour, intersection #34 is expected to have a v/c ratio of 1.34.

Queueing

Another measure of effectiveness is intersection queue lengths. 95th percentile queue lengths are defined as queues that are only exceeded 5 percent of the time. Multiple intersections have queue lengths that exceed the available storage capacity during the AM and PM peak hour. These queues lengths spill back into adjacent intersections and contribute to congestion.

Multiple locations experience queues that exceed available storage capacity, including intersections that operate at LOS D or better. Peak hour queues along Kitsap Way are particularly long, with some over 1,000 feet long. The new roundabout at Washington Avenue/Manette Bridge is forecast to have northbound queues longer than 3,000 feet during the Year 2050 No Build PM peak hour. Similar to Existing Conditions, long queues block business driveway access, increase travel times for both GP traffic and transit, and can lead to cut-through traffic in neighborhoods.

Queue lengths are included in Appendix E.

Travel Time

Future year travel times were calculated using a combination of existing travel times and changes to intersection delay and speeds in the traffic operations models. The Year 2050 No Build travel times for inbound traffic in the AM peak hour are shown in Figure 5-4, and the travel times for outbound traffic in the PM peak hour are shown in Figure 5-5 Figure 4-9. During the AM peak hour, GP traffic travel times range from 4 to 10 minutes, and during the PM peak hour, GP traffic travel times range from 3 to 12 minutes.

Key Findings

The following summarizes the additional key findings of the Year 2050 No Build peak hour traffic operations analysis.

- Traffic in the City is estimated to grow by 20 percent by year 2050. Without opportunities for alternative modes of travel to driving alone, congestion will increase proportionately with the increase in traffic volumes, resulting in significant congestion throughout Bremerton.
- There are multiple locations where queues exceed available storage capacity, including intersections that operate at LOS D or better. Peak hour queues along Kitsap Way are particularly long, with some over 1,000 feet long.
- The new roundabout at Washington Avenue/Manette Bridge is forecasted to have northbound queues longer than 3,000 feet during the Year 2050 No Build PM peak hour.
- Long queues block business driveway access, increase travel times for both GP traffic and transit, and can lead to cut-through traffic in neighborhoods.
- GP traffic travel times are expected to increase by up to 40 percent in the Year 2050 No Build Condition compared to Existing Conditions.

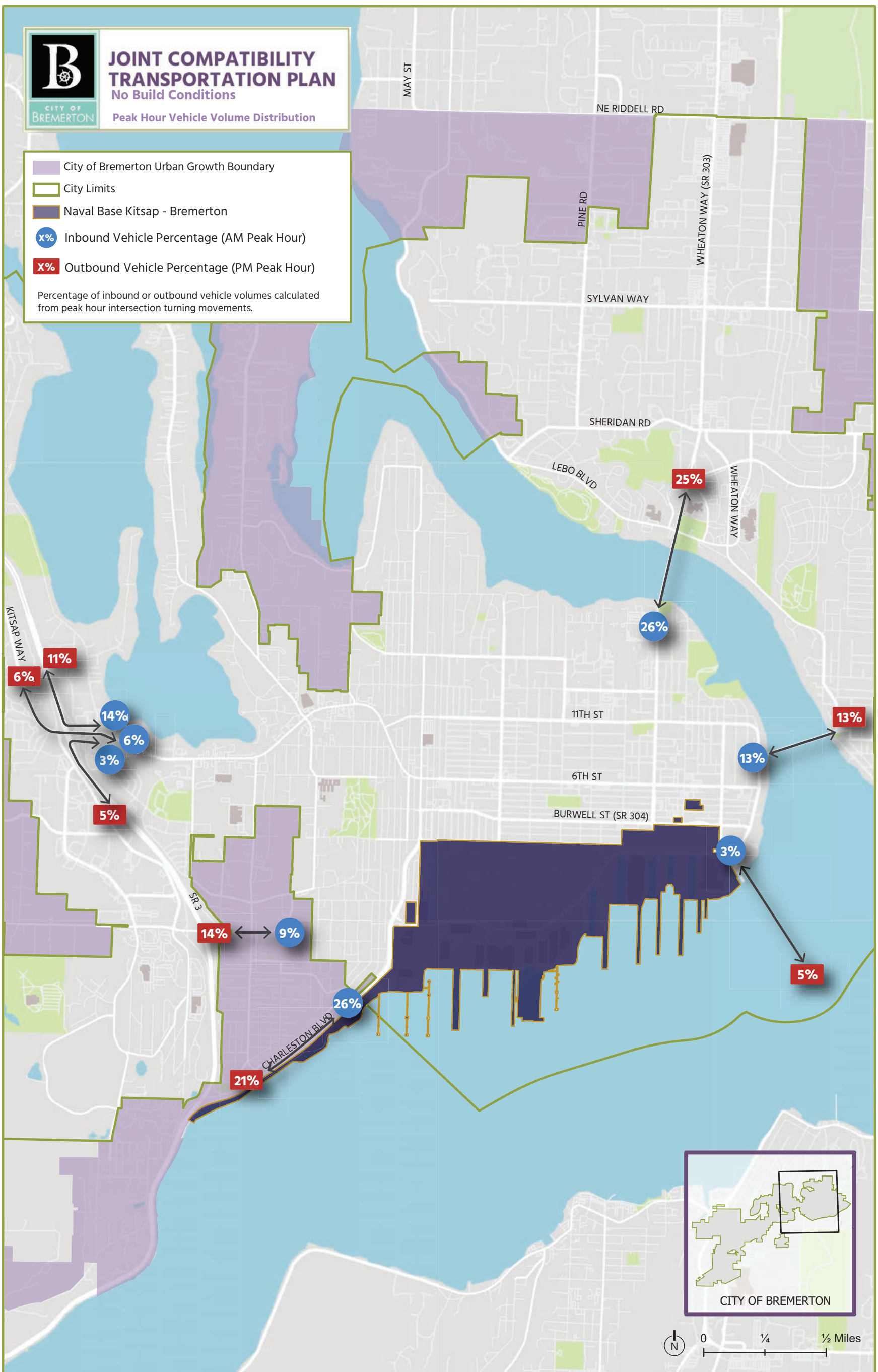


Figure 5-1. Year 2050 No Build Vehicle Volume Distribution

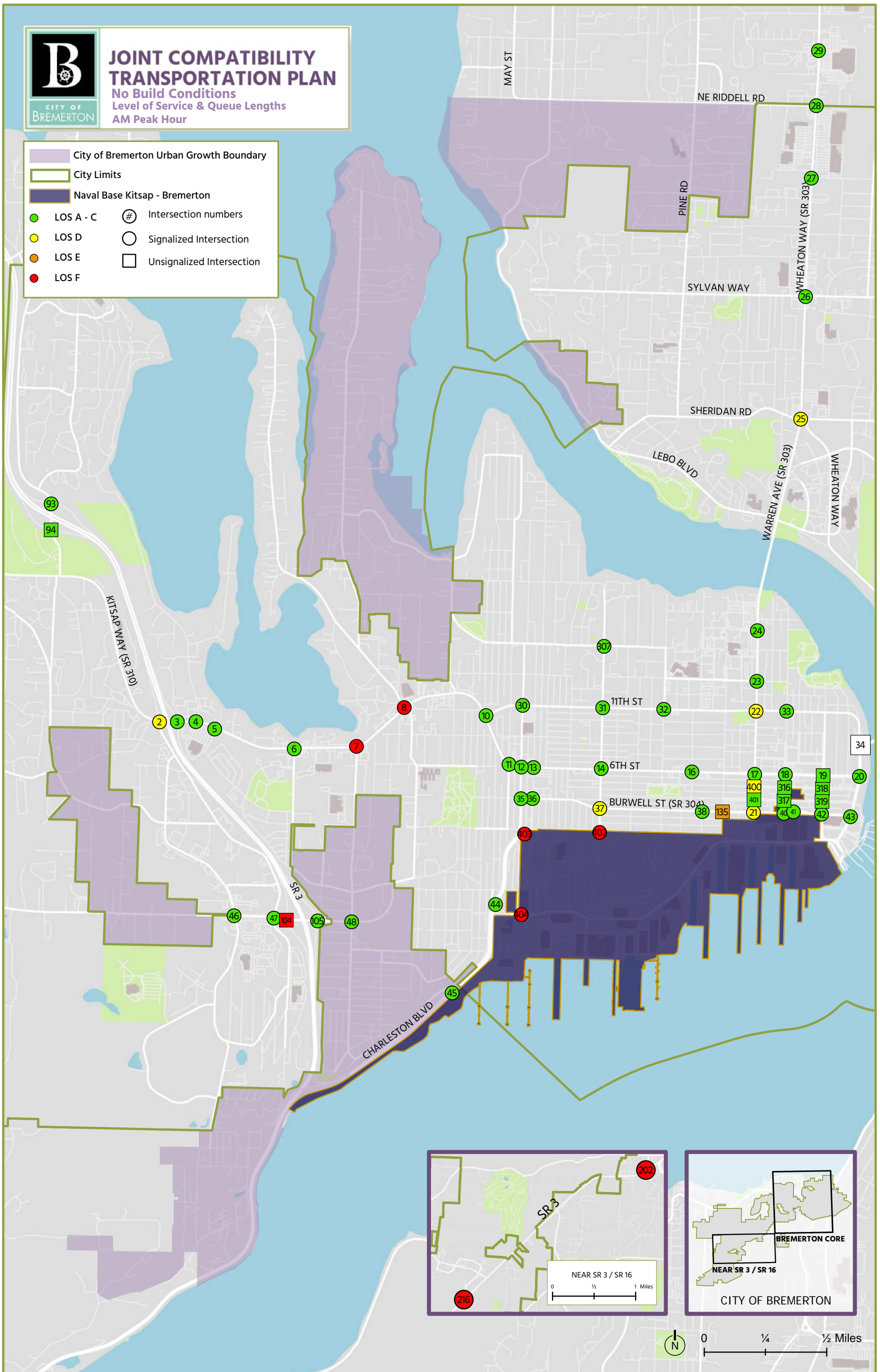


Figure 5-2. Year 2050 No Build Level of Service – AM Peak Hour

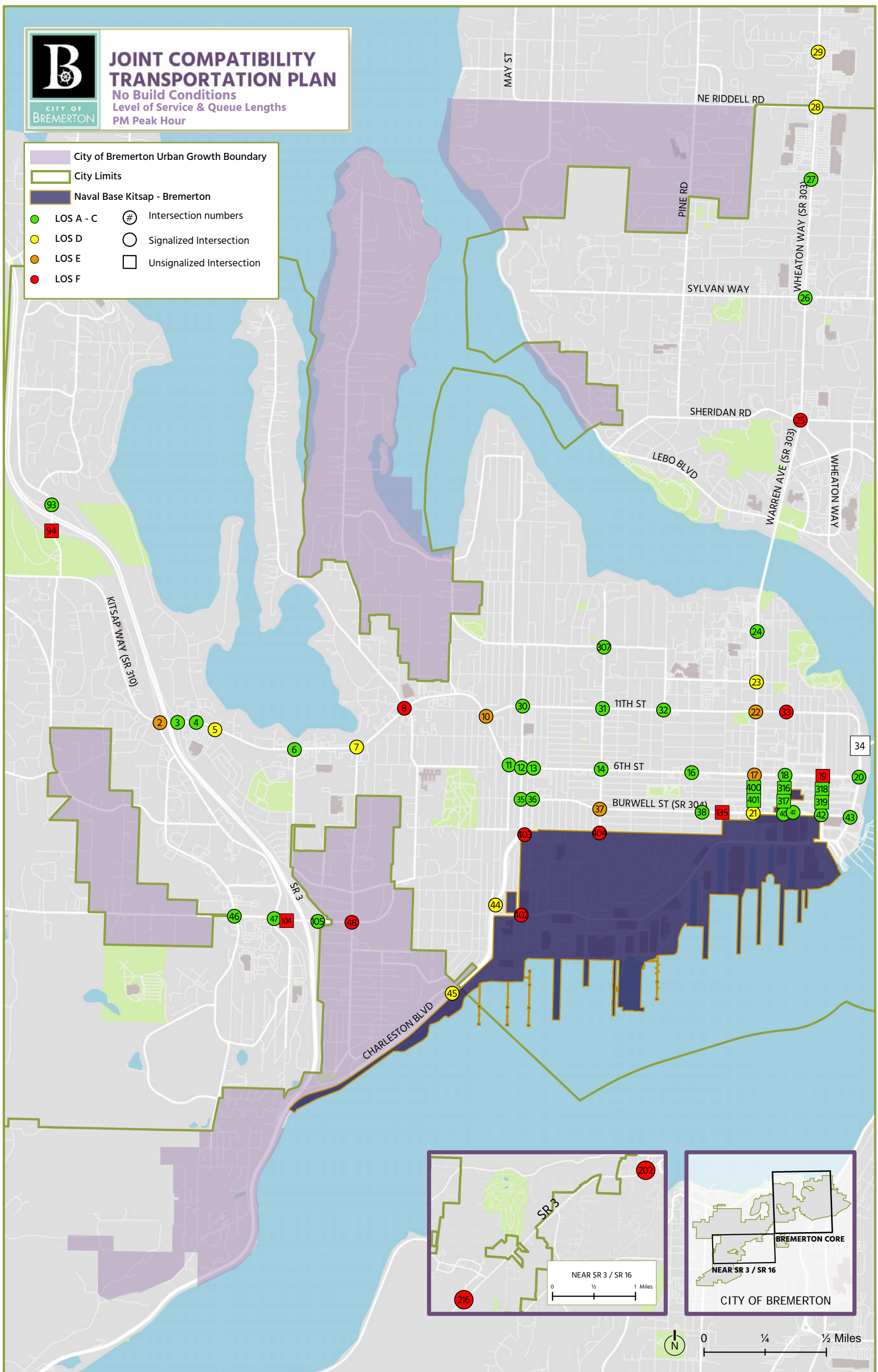


Figure 5-3. Year 2050 No Build Level of Service – PM Peak Hour

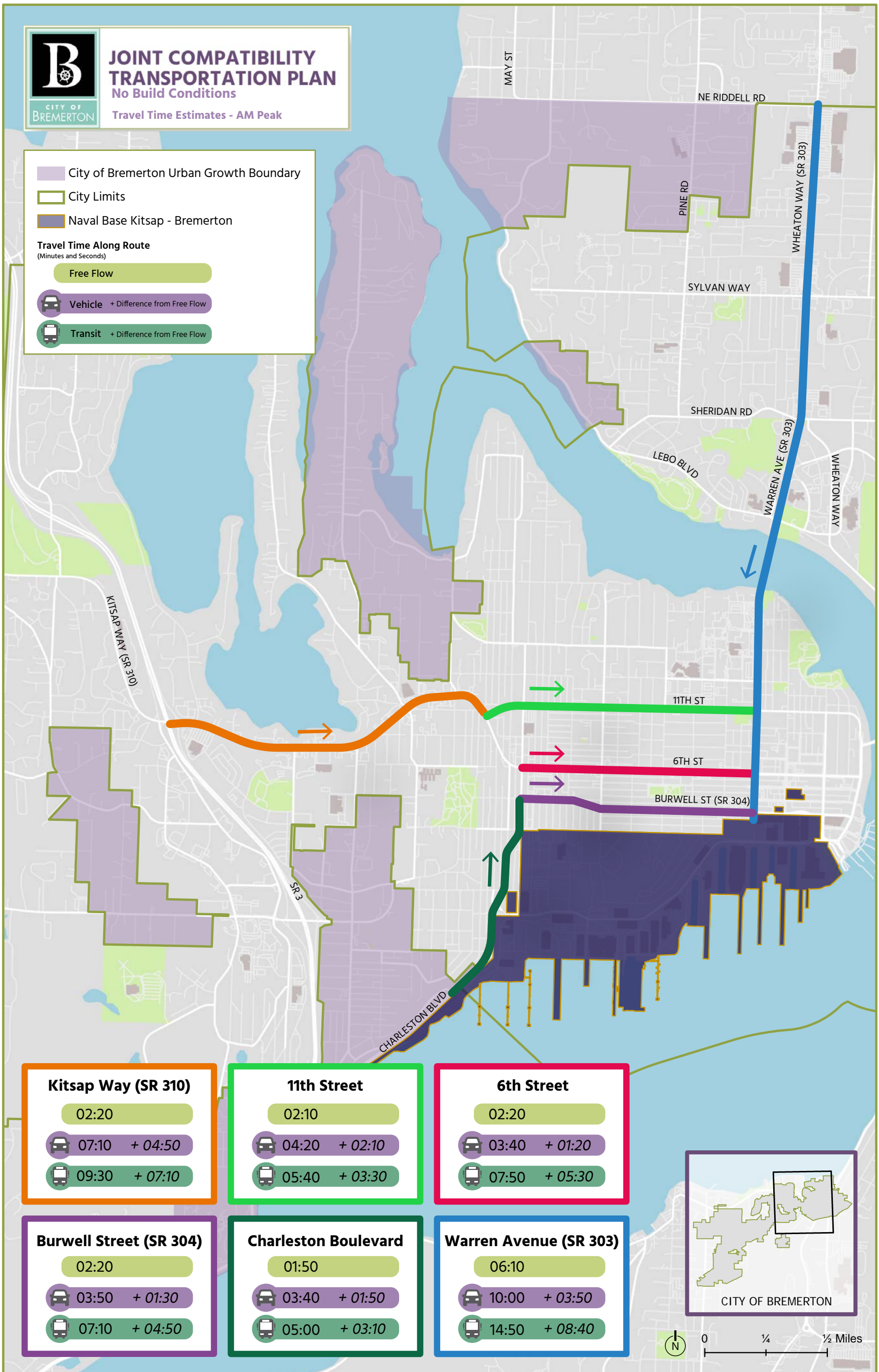


Figure 5-4. Year 2050 No Build Travel Times – AM Peak Hour

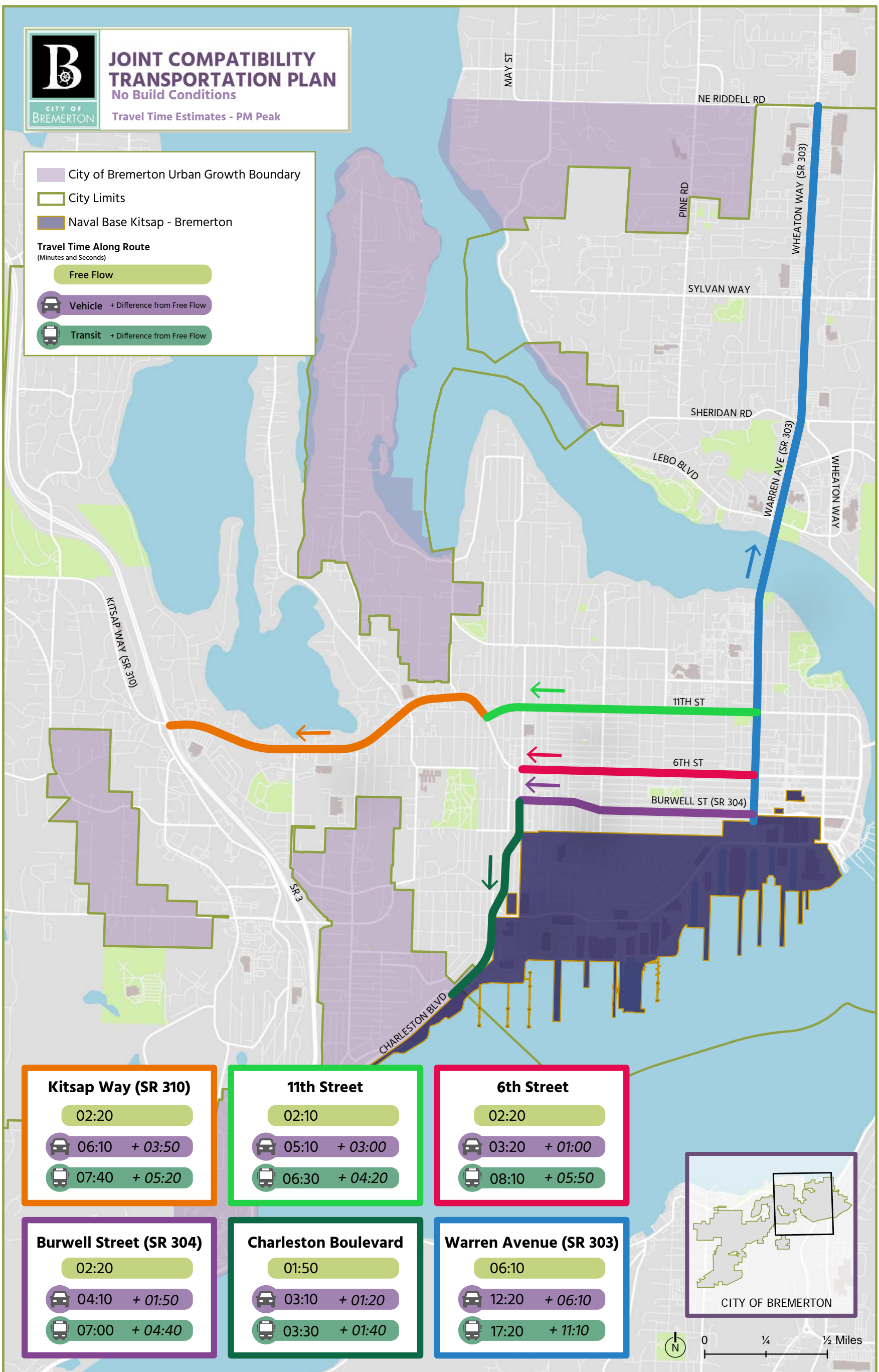


Figure 5-5. Year 2050 No Build Travel Times – PM Peak Hour

Future No Build Transit



The Kitsap Transit Long Range Plan (Kitsap Transit 2016b) was reviewed during the Year 2050 No Build Condition analysis. The Long Range Plan was updated in 2022 (Kitsap Transit 2022) and was referenced during project development and screening.

The study team discussed potential changes to routes, route frequency, and ridership between now and the year 2050 with Kitsap Transit. Though it is too early to anticipate specific changes in routes or types of services, Kitsap Transit was able to provide these estimates for transit service in the year 2050:

- 14 hours per day of service
- 10- to 15-minute headways
- 20 percent growth in ridership from Existing Conditions

Overall traffic volumes are also expected to grow by 20 percent by year 2050, suggesting that the percentage of people who are using transit to commute to Downtown is expected to be the same in year 2050 as it is today.

The Year 2050 No Build travel times for inbound traffic in the AM peak hour are shown in Figure 5-4, and the travel times for outbound traffic in the PM peak hour are shown in Figure 5-5. Similar to Existing Conditions, transit travel times are longer than GP traffic travel times due to dwell times for unloading and loading passengers and time spent decelerating and accelerating at transit stops. Travel times between transit stops are the same as GP traffic due a lack of dedicated transit facilities, such as a BAT lane or TSP. There is no additional time for transit stops in the Year 2050 No Build Condition compared to Existing Conditions.

Future No Build Active Transportation



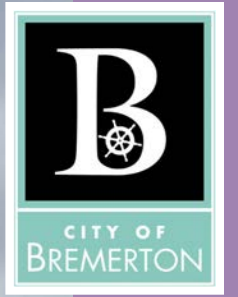
The City has published plans that outline the City's vision for their active transportation facilities in the future.

The City released the Non-Motorized Transportation Plan in December 2007, which presented a vision of a fully developed bicycle/pedestrian system over the next 20 years that would serve residents, commuters, shoppers, and visitors alike. A complete bikeway and walkway network would increase connections within the community, increase the number of children walking and bicycling to school, and promote the health of Bremerton residents by making walking and bicycling safe, comfortable, and attractive travel modes.

The City released the ADA Transition Plan in March 2016, which was intended to guide the City's efforts to provide an accessible transportation system. The purpose of the ADA Transition Plan was to identify deficiencies in City policies, procedures, and physical assets and to provide a path to correction of those deficiencies. This plan also provides guidance for removal of accessibility barriers. The minimum requirement for the scope of the ADA Transition Plan is accessibility of all curb ramps and ancillary facilities (pedestrian push buttons and pedestrian signals) within the right-of-way.

Future No Build Safety

Under the Year 2050 No Build Condition, safety conditions are likely to remain similar to or worse than Existing Conditions. Overall, background volume growth and increased congestion are likely to contribute to an increase in crashes by Year 2050. Some background projects, as included in the Methods and Assumptions Memo (Appendix D), are likely to improve safety conditions for all users.



6. ALTERNATIVE DEVELOPMENT AND SCREENING PROCESS



6. Alternative Development and Screening Process

The study team used a stepwise approach to develop alternatives for analysis and screening. After developing the list of existing and future needs, the study team outlined various improvements to specifically address the study area needs. This approach allowed the team to address agency, public, and jurisdiction needs at certain locations within the City. After the First Level Screening was complete, the team combined various improvements that had similar themes to create Build Alternatives for analysis. Those Build Alternatives were then evaluated using a quantitative approach that would allow a databased comparison of Build Alternatives as to their effectiveness at meeting the project metrics. More information about the approach is described in the following sections.

Screening Process

A multistep screening process was used to identify, screen, evaluate, and rank potential improvements. This process included these steps, which are discussed in the sections below:

1. Develop improvements
2. Evaluate improvements through First Level Screening
3. Combine passing improvements into three Build Alternatives
4. Evaluate Build Alternatives through Second Level Screening
5. Develop a preliminary Preferred Alternative and evaluate using Second Level Screening metrics
6. Establish a Preferred Alternative

The methodology for the screening process is documented in the Screening and Evaluation Methodology Memo in Appendix H.

Develop Improvements

The first step in the screening process was to generate improvements with the potential to address the key findings and needs identified through the Existing Conditions and Future No Build Conditions analysis. Improvements were generated based on input from previous studies, the CSB, the study team, and the public. A workshop to develop

these improvements was held in June 2021 with the project management team and key partners. The CSB was then asked to provide comments on the proposed improvements as well as additional suggestions. The proposed improvements were then divided into the following categories:

- PC: New/Expanded Parking
- C: Capacity Projects (e.g., changes in lanes, signals, intersection control)
- B: Projects on Base
- T: Transit Service/Frequency
- AT: Active Transportation
- E: Education
- PM: Parking Management/Policy
- CTR: Programs/Technologies/Incentives to Encourage Mode Shift
- O: Other

A full list of the proposed improvements is included in the First Level Screening Results in Appendix I.

First Level Screening

First Level Screening Metrics

The First Level Screening was a mostly qualitative evaluation that measured each improvement's ability to meet the study goals. Each improvement was measured according to the following three metrics.

- Is the improvement consistent with the goals of the study? The study goal is to define solutions to improve multimodal mobility, outline parking strategies, and enhance Bremerton's livability. If the improvement would not meet the study goal or was not within the scope of the study, it was screened out.
- Is the improvement feasible? Feasibility was measured by determining whether the improvement would be reasonable based on City management support, neighborhood support, support of NBKBR operations, and cost effectiveness. If the improvement was determined to be infeasible, it was screened out.
- Has the improvement been found to be ineffective by a previous study or plan? If the

improvement had been studied as part of a previous planning effort and was determined to not provide a benefit, then the improvement was screened out.

First Level Screening Results

Each improvement was evaluated according to the three metrics described above. If the improvement passed all three metrics, then it passed the First Level Screening. Most improvements were able to be evaluated qualitatively, but a few improvements required planning-level traffic modeling to determine whether the improvement was feasible. Below is a summary of the results of the First Level Screening:

- 212 improvements were evaluated.
- 71 improvements did not meet criteria and were screened out. 38 of the 71 improvements were repeats of other improvements.
- 141 improvements met criteria and passed First Level Screening. 37 of the 141 improvements were not analyzed as part of the Second Level Screening. These improvements were identified as already being incorporated into other efforts, such as Kitsap Transit's Long Range Plan, or were similar to other improvements and therefore evaluated together. After further discussions with the CSB, it was determined the remaining improvements, such as adding additional entry points to NBK-BR, were infeasible.

Descriptions of the individual improvements as well as detailed First Level Screening results are included in Appendix I.

Proposed Alternatives

No Build Alternative

The No Build Alternative represents the Future No Build Conditions for the year 2050 and serves as a baseline for the comparison of potential improvements.

Build Alternatives

The 141 improvements that passed First Level Screening were divided into three different Build Alternatives: the Support Parking Alternative, the Relocate Parking Alternative, and the Add Base Parking Alternative. Each alternative was driven by a unique vision for parking for NBK-BR commuters. The alternatives were organized around parking strategies so that the study team could understand how traffic volumes and parking patterns impacted the potential solutions.

Fifty-five improvements were aligned with all three visions and were assigned to all three Build Alternatives. Thirty-one of these improvements were specifically active transportation improvements, which are discussed separately below. The 24 non-active transportation improvements that were included in all three Build Alternatives are shown in Table 6-1.

Table 6-1. Improvements Included in All Alternatives

PROJECT CODE	PROJECT DESCRIPTION	EXPECTED BENEFITS
C1	Improve SR 3/Kitsap Way interchange: update signals or replace with roundabouts at ramp terminals	Intersection improvements would improve vehicle mobility and safety.
C26	Traffic Management Center	This improvement would improve vehicle mobility and safety by providing the City with additional flexibility to modify notification signs about closures, dynamic speed signs if used, and provide travel time information.
C27	Variable message signs	This information would improve parking by installing signs to indicate parking availability in Downtown or at new remote parking.
C29	Build projects proposed in SR 303 Corridor Study	Projects along SR 303 would improve GP and transit mobility, safety, and active transportation, which would encourage mode shift from driving alone and improve congestion in Downtown.
C35	Adaptive signal timing at all signalized intersections	Intersection improvements would improve vehicle mobility and safety.
C38	Build projects proposed in Bremerton Strategic Road Safety Plan (City of Bremerton 2022)	Improvements would improve vehicle and pedestrian and bicycle safety.
T6	More bus routes to NBK-BR	Increased transit frequency would improve transit mobility and encourage mode shift from driving alone and improve congestion in Downtown.
E1	Education/marketing campaign for Bremerton residents and NBK-BR employees about transportation options, including bicycle storage and routes, vanpools, Worker/Driver Bus program (guaranteed ride home, easy to change routes, real-time tracking app, can be used by non-NBK-BR employees), and parking options.	Improvements would encourage mode shift from driving alone and improve congestion in Downtown.
E5	Education/marketing campaign to increase number of NBK-BR employees commuting from Seattle (reverse commute)	Improvements would encourage NBK-BR employees to travel from Seattle, improving congestion in Downtown
E7	Transportation Liaison at NBK-BR to help new hires and staff find best commuter option for them	Improvements would encourage mode shift from driving alone and improve congestion in Downtown.
PM2	Revisit on-street parking management strategies, including permit programs and paid parking in Downtown	Permit-only zones would improve parking by limiting parking to only those that have a permit and would make enforcement easier.
PM3	Establish a transportation management association	A transportation management association is typically a nonprofit established as a public/private partnership with funding primarily from major employers. Funding is used to support expansion of commuter transportation options as alternatives to single-occupancy vehicles through education, programs, and incentives.
CTR1	Maintain telework options currently available to NBK-BR	Telework allows people to work from home and use the internet or phone for their meetings, which would reduce the number of people traveling to Downtown and improve congestion.
CTR3	Incentives to ride transit	Incentives like citation forgiveness for smart commuter registration and 1 month of activity would encourage mode shift from driving alone and improve congestion in Downtown.
CTR4	Reduced fare and regular bus passes. Reduced fare based on income	Reduced fare would encourage mode shift from driving alone and improve congestion in Downtown.

PROJECT CODE	PROJECT DESCRIPTION	EXPECTED BENEFITS
CTR5	Provide incentives for mode shift away from single-occupancy vehicles for residents of neighborhoods along SR 303	Incentives could include subsidized bus passes, free bus zones, or incentives such as shower facilities for bicyclists and childcare options from employers that do not provide free parking.
CTR8	Collocate worker/driver stops with origins (daycares, schools, etc.)	Improvements to transit would encourage mode shift from driving alone and improve congestion in Downtown.
CTR11	Improve technology to make the worker/driver program more efficient	Improvements to transit would encourage mode shift from driving alone and improve congestion in Downtown.
CTR12	Partner with Port Orchard to incentivize foot-ferry ridership	Improvements to transit would encourage mode shift from driving alone and improve congestion in Downtown.
O6	Better enforcement of HOV lanes	Improvements would encourage mode shift from driving alone and improve congestion in Downtown.
O9	Enforcement at at-capacity or over-capacity park and rides	Maintaining park and ride parking spaces for people using transit would encourage mode shift from driving alone and improve congestion in Downtown.
O10	Make Callow area more livable – get NBK-BR employees to live near NBK	Improving a neighborhood adjacent to NBK-BR would encourage NBK-BR employees to live next to NBK-BR and commute by walking.
O12	Keep worker/driver system map more up to date	Improvements to transit would encourage mode shift from driving alone and improve congestion in Downtown.
O16	More shelters at transit stops with lighting	Improvements to transit would encourage mode shift from driving alone and improve congestion in Downtown.

The three Build Alternatives are described below and are shown in detail in Appendix J. The proposed active transportation improvements were evaluated separately from the three Build Alternatives and are also shown in Appendix J.

Support Parking Alternative

This alternative assumes the City continues to pursue population and employment growth and supports the current parking system used today. This alternative would result in higher levels of traffic coming into Downtown, which would be accompanied by roadway capacity improvements needed to accommodate that growth. The key projects included in the Support Parking Alternative are as follows:

- Capacity improvements along Kitsap Way and Burwell Street (C1, C32, C39)
- 6th Street and 11th Street Road Diets (C24)
- Expand parking at strategic locations Downtown (PC13, PC14, PC16)
- HOV lane along northbound SR 304 (C16)
- NBK-BR gate improvements to decrease queuing on City streets (B4)

Relocate Parking Alternative

This alternative assumes a larger portion of commuters would use transit to access Downtown and NBKBR. This alternative includes new or expanded park and ride facilities, repurposing City parking areas to be mixed use, new parking policies, and increased parking enforcement. This alternative would result in lower levels of GP traffic coming into Downtown and would be accompanied by transit improvements and livability improvements that take advantage of the decreased traffic demand. The key projects included in the Relocate Parking Alternative are as follows:

- Park and rides to encourage mode shift to transit (PC3, PC4, PC5, PC6, PC17)
- 6th Street and 11th Street Road Diets (C24)
- NBK-BR gate improvements for better multimodal access (T22)
- Transit lane along westbound Kitsap Way (C7)
- Parking policies to discourage commuter vehicles in Downtown (PM4, PM14)

Add Base Parking Alternative

This alternative assumes that all NBK-BR employees would have access to current or new parking on Base. This alternative includes expanded parking, a shuttle to transport employees from on-installation parking, and increased parking enforcement Downtown to ensure the on-installation parking would be used. This alternative would result in a change in travel patterns Downtown from current local parking to on-installation parking on the west end of NBK-BR and would be accompanied by roadway capacity improvements. Downtown surface parking owned by the City may be repurposed to mixed use development. The key projects included in the Add Base Parking Alternative are as follows:

- Parking within base gates (B7)
- NBK-BR gate improvements to add capacity (B3)
- Capacity improvements along Kitsap Way and Burwell Street (C6, C8, C10, C32)
- Base transit improvements to move people from parking areas to work areas (T17, T19)
- HOV lane along northbound SR 304 (C16)
- Parking policies to discourage parking in Downtown (PM4, PM7, PM9, PM10)

Second Level Screening

Second Level Screening Metrics

The Second Level Screening was a more quantitative analysis that measured each alternative's performance. Each alternative was measured according to the following metrics and compared to the other alternatives. For Second Level Screening, alternatives were evaluated for Year 2050.

- **Travel Times:** Alternatives were evaluated for AM and PM peak direction travel times along seven major corridors. Travel times were taken from the Synchro and Sidra models for both GP traffic and transit.
- **Travel Time Reliability:** Alternatives were evaluated for reliability of the peak direction travel times based on Federal Highway Administration travel time reliability equations.
- **Mobility:** Alternatives were evaluated for AM and PM peak direction person-hours of delay along seven major corridors. Mobility was measured by travel speed, traffic volumes, and vehicle occupancy for both GP traffic and transit.
- **Safety:** Alternatives were evaluated for number of overall crashes and serious injury and fatal crashes based on crash modification factors.
- **Active Transportation:** Alternatives were evaluated for size of walk/bike sheds, number of high quality travel choices, and improvement to bicycle level of traffic stress or pedestrian enhancement.

- **Economic Vitality:** Alternatives were evaluated for benefits to economic investment of each individual project.
- **Parking:** Alternatives were evaluated for parking utilization, parking violations in Downtown and adjacent neighborhoods, City parking revenue, City parking enforcement technology, accessibility to parking for NBK-BR workers, and impacts to the "Bremerton Shuffle."
- **Base Accessibility:** Alternatives were qualitatively evaluated for their ability to improve efficiency of entry points, walkable housing options, multimodal access, and simplicity of access.
- **Livability:** Alternatives were qualitatively evaluated for their ability to improve multimodal connectivity, parking for businesses, walkable housing options, and health (improving physical health and reducing carbon emission by providing additional options to safely use active transportation modes).





Additional information on the Second Level Screening metrics is available in the Screening and Evaluation Methodology Memo in Appendix H.

Second Level Screening Results

The No Build Alternative and each Build Alternative were evaluated according to the performance metrics and assigned a score between -1 and 3, with -1 generally being worse than Future No Build Conditions and 3 being the largest improvement compared to Future No Build Conditions. A summary of the scoring is shown in Figure 6-1, the legend for which is shown in the right.

For Second Level Screening, each Build Alternative was evaluated as a package of improvements. It was intended that, following Second Level Screening, individual improvements that performed well according to the performance metrics could be incorporated into the Preferred Alternative, regardless of which Build Alternative it was originally assigned to.

Results of the Build Alternative analysis indicated that no one alternative showed improvements to all the metrics and two metrics were often at odds: base accessibility and livability. Projects that would improve base accessibility, such as added roadway capacity, were often incompatible with projects that would improve pedestrian and bicycle accessibility and safety. Projects that would improve livability, such as road re-channelization to accommodate bikes and pedestrians, were incompatible with projects that do not reduce vehicles coming into Bremerton.

Symbol	Score	Description
	-1	Makes conditions worse compared to Future No Build Conditions
	1	Makes no or minimal change to conditions compared to Future No Build Conditions
	2	Improves conditions compared to Future No Build Conditions
	3	Creates even greater improvement compared to Future No Build Conditions

However, several projects showed clear benefits under all Build Alternatives, including:

- Intelligent signal systems for all major commuter corridors.
- Active transportation improvements that will encourage more active transportation trips to/from work.
- Improvements proposed by the SR 303 Corridor Study.
- Safety improvements.

The Support Parking Alternative and Build Parking Alternative both included roadway capacity projects and assumed traffic volumes increase into Downtown Bremerton along with forecasted increases in future population and employment growth. The Relocate Parking Alternative included more transit and active transportation supportive projects and assumed fewer cars coming into Downtown Bremerton as growth occurs.

As shown in Figure 6-1, the Support Parking Alternative would provide the most benefit to safety while having some negative impact on surface parking and land use impacts. The Relocate Parking Alternative would provide the most benefit to safety, parking, and livability. The Add Base Parking Alternative would provide the most benefit to mobility and safety while having some negative impacts on City parking revenue.

Detailed Second Level Screening results are included in Appendix K.

Because all three Build Alternatives would provide benefits in different ways, the individual improvements were further evaluated through a cost-benefit analysis. A parking analysis was also completed to help in the development of a preliminary Preferred Alternative. These are discussed in the following sections.

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel times (GP and transit)	↗	↗	↗
	Travel Time Reliability (GP and transit)	↗	↗	↗
	Average Score	↗	↗	↗
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	↗	↑	↑
	Person hours of delay - Transit	↗	→	↑
	Average Score	↗	↗	↑
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	↑	↑	↑
	Number of serious injury and fatal crashes	↑	↑	↑
	Average Score	↑	↑	↑
Active Transportation: <i>Improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone.</i>	Number of people who can walk/bike to NBK-BR or P&Rs under low stress conditions	↗	↗	↗
	Number of high-quality travel choices in the study area	↑	↑	↑
	Safe and Comfortable Walking and Biking Options	↑	↑	↑
	Average Score	↗	↗	↗
Parking: <i>Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods.</i>	Parking utilization	↑	↑	↑
	Parking violations	↑	↑	↑
	City parking revenue	↑	↗	↓
	City parking enforcement	↑	↑	→
	Accessibility to parking for Base workers	↑	↗	↑
	Tracking the "Bremerton Shuffle"	↑	↑	→
	Surface parking/land use impacts	↓	↑	→
	Average Score	↗	↑	→
Base Accessibility: <i>Improve Base accessibility for NBK-BR workers.</i>		↗	→	↗
Livability: <i>Improve overall livability for Bremerton residents.</i>		↗	↑	↗

Figure 6-1. Second Level Screening Results Summary

Cost-Benefit Analysis

A cost-benefit analysis was completed to further evaluate the proposed roadway capacity improvements. For each improvement, a benefit cost was compared to the project cost to calculate the benefit-cost ratio. A positive benefit-cost ratio means that the benefits of the improvement outweigh the cost to implement it, while a negative benefit-cost ratio means that the project cost outweighs the benefits of the improvement. The planning-level project cost estimates for Year 2021 were created using the methodology discussed in Section 7. Benefit cost was calculated based on the following:

- Change in annual cost of person-delay: Additional travel time along each travel time corridor was converted from PM peak hour to annual by applying a daily factor for an approximate 250 working days a year. The monetized value of “all purpose” travel time savings used in this benefit-cost analysis was obtained from the 2021 USDOT Benefit-Cost Analysis Guidance for Discretionary Grant Programs.
- Change in annual cost of crashes: The change in crashes for each level of crash severity was estimated using crash modification factors. The monetized values attributed to the reduction of each crash severity were obtained from the 2021 USDOT Benefit-Cost Analysis Guidance for Discretionary Grant Programs.

Some improvements that had a negative benefit-cost ratio had a positive change in annual cost of crashes but a negative change in annual cost of person-delay. Improvements like road diets, installing medians, and installing roundabouts on high-volume roads would have a positive impact on safety while worsening traffic operations. The improvements with the highest benefit-cost ratios were projects that would have a positive impact on both safety and traffic operations with a low project cost, like adaptive signal timing and transit signal priority.

The cost-benefit analysis is available in Appendix L.

Parking Strategy

Through Second Level Screening and the cost-benefit analysis, the following conclusions were made in relation to parking strategies:

- A single parking garage (as evaluated in the Add Base Parking Alternative) on NBK-BR to accommodate all of the NBK-BR employees who currently drive to work is not feasible.
- Building multiple off-site parking lots to accommodate all of the NBK-BR employees who currently drive to work is not desirable.
- A combination of parking strategies from all three Build Alternatives is needed to balance livability and accessibility to NBK-BR.

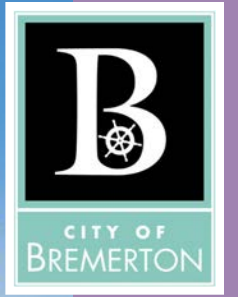
Parking Analysis

The mode splits, origins of commuter trips, distribution of NBK-BR employees work locations within NBK-BR, and existing parking within Downtown and NBK-BR were evaluated to develop assumptions about current parking habits and future ability to relocate parking and switch modes. Based on this evaluation, it is assumed that 8,500 total NBK-BR employees currently park Downtown and walk into NBK-BR. This equates to approximately 6,300 vehicles that park outside the gate, as some employees carpool or use vanpools. Of those 8,500 employees, it is assumed that 3,630 total NBK-BR vehicles would relocate to parking lots outside of Downtown and travel into Downtown via transit or active transportation. This assumption is based on expected vehicle relocation that could occur with implementation of parking management strategies proposed as part of the Relocate Parking Alternative. The breakdown of where these 3,630 vehicles would relocate from is as follows:

- 380 vehicles from Downtown on-street parking
- 1,500 vehicles from residential on-street parking
- 1,500 vehicles from Downtown surface lots
- 250 from residential garages and lots

The existing P&R capacity and occupancy were evaluated to develop assumptions about where additional parking may be needed. Of the vehicles that would relocate to parking lots outside of Downtown, it is estimated that 45 percent are

traveling from the south via Charleston Boulevard (SR 304), 30 percent are traveling from the north via SR 303, and 25 percent are traveling from the west via Kitsap Way. Based on this estimated demand and existing occupancy at the park and rides, 1,240 stalls would be needed south of Downtown, 800 stalls would be needed north of Downtown, and 680 stalls would be needed west of Downtown.



7. PREFERRED ALTERNATIVE



7. Preferred Alternative

The preliminary Preferred Alternative was developed by processing the findings of the Second Level Screening analysis, defining a broad vision for the City, and selecting projects based on this vision and the cost-benefit analysis and parking analysis discussed in Section 6. The study team analyzed the preliminary Preferred Alternative using the same evaluation metrics as Second Level Screening then sought feedback on the preliminary Preferred Alternative from the public, the CSB, City Council, and NBK-BR before identifying a final Preferred Alternative.

Preliminary Preferred Alternative

The study team presented the findings of the Second Level Screening analysis to City Council in June 2022. The study team shared that none of the three Build Alternatives showed improvements for all the evaluation metrics used in the analysis and that, in particular, there was tension between base accessibility and livability. Defining a vision for the City, with guidance from the City Council, was important to establish because the vision determined what recommended projects and strategies would make up the Preferred Alternative. The three Build Alternatives can be grouped into two broad visions for the City. A comparison of the two visions is shown below.

<i>LIVABILITY CENTERED VISION (ASSUMES FEWER CARS COMING INTO DOWNTOWN BREMERTON)</i>	vs.	<i>CAPACITY CENTERED VISION (ASSUMES MORE CARS COMING INTO DOWNTOWN BREMERTON)</i>
Success measured by improvements to Bremerton’s livability and economic vitality	vs.	Success measured by improvements to travel time for commuters during peak hours
Growth addressed by strategies that reduce the number of cars on the roads	vs.	Growth addressed with road capacity projects
Mode shift assumptions are more aggressive and are driven by transit and policy/operations projects	vs.	Mode shift assumptions are conservative
Requires interagency cooperation to be effective	vs.	Most improvements are capital projects led by City of Bremerton

A benefit of a capacity-centered vision would be less dependence on interagency cooperations. However, large road capacity projects are costly, disruptive, and will require more right-of-way. Additionally, roadway capacity projects can be hard to fund and may be infeasible due to environmental constraints. Parking constraints under a capacity-centered vision will remain and may worsen as growth increases density in downtown Bremerton.

Benefits of a livability-centered vision include improved walking and bicycling experiences, reduced commuter parking in neighborhoods, increased available parking for businesses, a greater likelihood of achieving mode shift goals that thereby reduce congestion and improving travel times, and finally, consistency with City plans to increase density downtown and improve economic vitality. Challenges of a livability centered vision include the need for significant coordination between agencies, and costs for building more parking (such as multilevel park and rides) could be high.

The City Council voiced strong support for a livability-centered vision for the JCTP project. Additionally, community leaders from the Community Sounding Board supported the livability centered vision. NBK-BR voiced concerns about base accessibility and asked that a livability centered vision balance accessibility needs. The study team moved forward with creating a preliminary preferred alternative based on all feedback gathered.

Preliminary Preferred Alternative Analysis Results

To ensure the preliminary Preferred Alternative would meet the study goals and provide benefits, it was analyzed according to the same performance metrics that were used in Second Level Screening. The results are summarized in Figure 7-1. The preliminary Preferred Alternative would provide the most benefit to GP and transit travel times, GP mobility, safety, parking, and livability. The preliminary Preferred Alternative would also provide some benefit to travel time reliability, active transportation, and base accessibility. Detailed Preferred Alternative analysis results are included in Appendix M.

Planning-Level Cost Estimates

Cost ranges were estimated for each capital project. These cost ranges were estimated based on preliminary design layouts and planning-level cost estimates. These cost ranges were not used in the Second Level Screening process but were developed to facilitate the development of the Preferred Alternative and support the City in their pursuit of funding to construct the Preferred Alternative at various stages. Cost estimates for each project are shown in Appendix O.

Study Goal Area	Performance Measures	Preferred Alternative
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel times (GP and transit)	↑
	Travel Time Reliability (GP and transit)	↗
	Average Score	↗
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	↑
	Person hours of delay - Transit	→
	Average Score	↗
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	↑
	Number of serious injury and fatal crashes	↑
	Average Score	↑
Active Transportation: <i>Improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone.</i>	Number of people who can walk/bike to NBK-BR or P&Rs under low stress conditions	↗
	Number of high-quality travel choices in the study area	↑
	Safe and Comfortable Walking and Biking Options	↑
	Average Score	↗
Parking: <i>Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods.</i>	Parking utilization	↑
	Parking violations	↑
	City parking revenue	↗
	City parking enforcement	↑
	Accessibility to parking for Base workers	↗
	Tracking the "Bremerton Shuffle"	↑
	Surface parking/land use impacts	↑
	Average Score	↑
Base Accessibility: <i>Improve Base accessibility for NBK-BR workers.</i>		↗
Livability: <i>Improve overall livability for Bremerton residents.</i>		↑

Figure 7-1. Preferred Alternative Analysis Results Summary

Feedback on Preliminary Preferred Alternative

The study team solicited input on the preliminary Preferred Alternative through several events in the fall of 2022.

CSB Presentation

At the presentation of the preliminary Preferred Alternative to the CSB in September 2022, the study team heard the following key feedback:

- Building more structured parking on NBK-BR will be difficult due to DOD funding constraints.
- Kitsap Transit is moving toward smaller P&Rs in mixed-use centers instead of big lots, and building new P&Rs with structured parking are not consistent with Kitsap Transit's long-range plans and goals.
- New structured parking is also not consistent with Kitsap County's land use plans.
- Housing and housing affordability may impact the project.
- More incentives are needed to increase transit and worker/driver ridership. In an effort to reduce the number of vehicle trips, increased housing density surrounding NBK-BR could be a potential strategy to promote transit, bicycle transportation, and walkability in addition to addressing housing affordability in Downtown Bremerton.
- NBK-BR is concerned about potential traffic impacts from the proposed 6th Street and Naval Avenue road diets and the existing queue spillback from the Naval gate during the morning commute.

Online Open House

Following the Online Open House in October 2022, the study team received feedback that was in support of the plan, especially related to pedestrian and bicycle improvements. Also, concerns about how the Shipyard Infrastructure Optimization Program (SIOP) will impact traffic in the near term were expressed.

Public Works Committee presentation

The study team presented on the status of the JCTP to the City Public Works Committee in October 2022. The presentation included information on key

elements of the preliminary Preferred Alternative and the feedback received from the CSB and online open house.

Meeting with Navy and Shipyard

Finally, prior to finalizing the Preferred Alternative, the study team met with Navy and Shipyard staff in February 2023. The key feedback from NBK-BR was that lighting upgrades are desired as part of design projects, further coordination is needed on the Jackson Park bicycle route, a flyover ramp from SR 3 southbound to Charleston Boulevard (SR 304) should be considered, and there are concerns over the 6th Street and Naval Avenue road diets.

The input collected at these four events led to the following additional analysis and refinements to the Preferred Alternative:

- Additional analysis of the existing queue spillback from the Naval gate paired with the proposed 6th Street and Naval Avenue road diets was conducted to confirm the feasibility of the road diet. The term "road diet" was also changed to "re-channelization" based on feedback from the CSB.
- It was recommended that NBK-BR review the need for a new ramp from southbound SR 3 to eastbound SR 304 (Charleston Blvd) as part of upcoming planning efforts for Bremerton Waterfront Infrastructure Improvements at PSNS and IMF.
- A new active transportation project on 1st Street between Callow Avenue and Naval Avenue was added to highlight active transportation improvements near NBK-BR.
- Several park and ride projects were revised to align with the Kitsap Transit Long Range Plan and feedback from Kitsap County about not building new structured parking.
- Language for several project descriptions was revised based on CSB and NBK-BR input.

The Preferred Alternative is shown in Figure 7-2 below and described in the next section in Table 8-1.

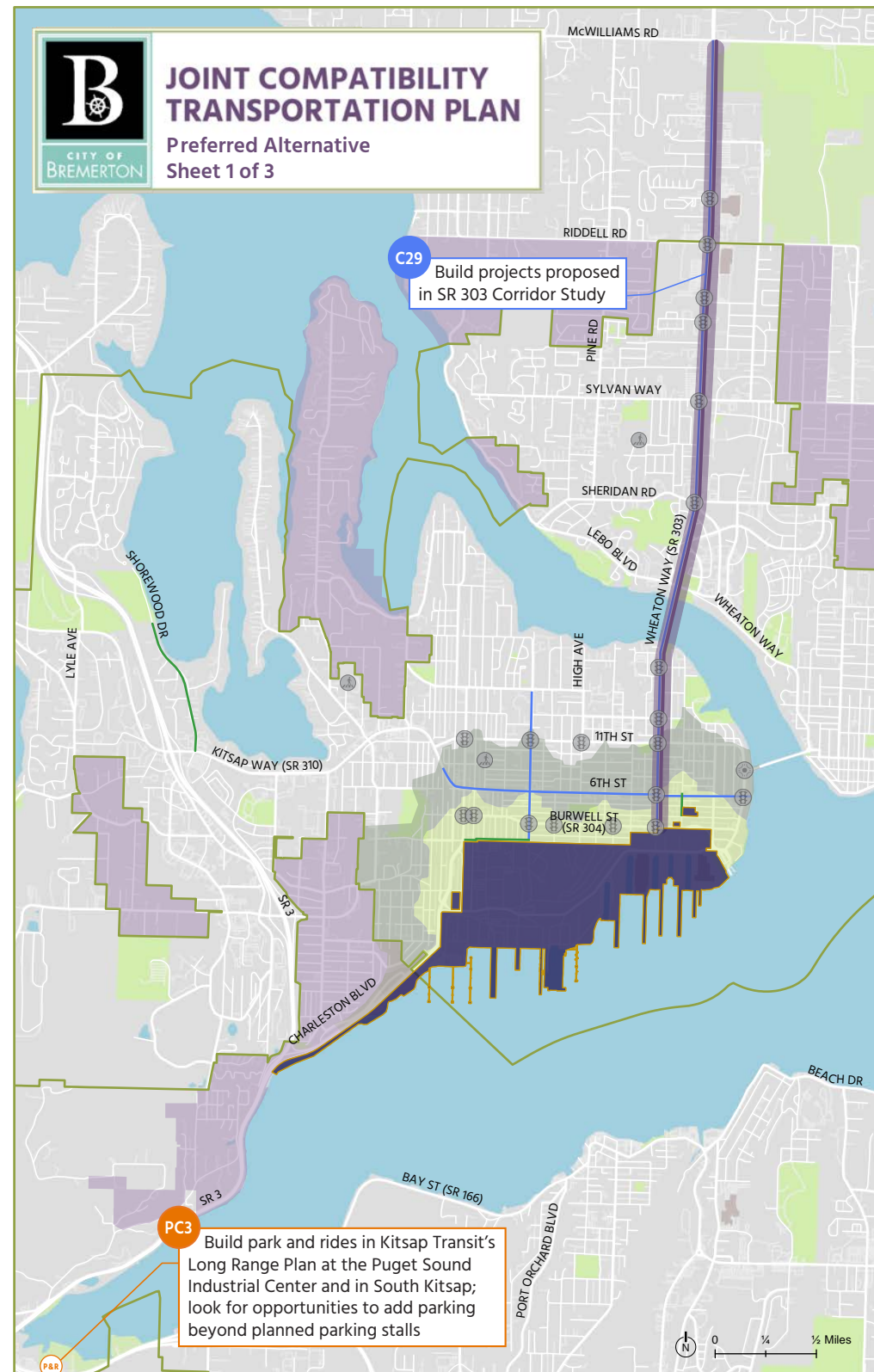
Final Preferred Alternative

The Preferred Alternative was chosen through a collaborative process that included the public, the CSB, City Council, NBK-BR, and the study team. The final outcome is the result of an alternatives analysis approach that outlines performance-based needs and reasonable solutions that meet the needs at the right time.

The Preferred Alternative is made up of several improvements that address the study goals and the existing and future needs. The themes of the Preferred Alternative include the following:

- Build active transportation projects that facilitate modal shift for commute trips to Downtown and NBK-BR.
- Add parking in strategic locations outside Downtown.
- Develop and implement parking policies that improve and reduce NBK-BR commuter parking in Downtown and adjacent neighborhoods.
- Build transit capacity and reliability.
- Encourage mode shift using Downtown parking strategies, education, and employer incentives.
- Improve inbound capacity at NBK-BR gates to minimize local roadway congestion and improve air quality.


The Preferred Alternative is shown in Figure 7-2.




- City of Bremerton Urban Growth Boundary
- City Limits
- Naval Base Kitsap - Bremerton
- 5-Minute Walkshed
- 10-Minute Walkshed
- Active Transportation Projects in Improvement C29 (projects proposed in SR 303 study)
- NBK-BR Gates
- No Build Projects
- Roadway Improvement
- Proposed Bicycle Improvements

PC - New / Expanded Parking, C - Capacity Projects, B - Projects on Base, T - Transit Service/ Frequency, PM - Parking Management / Policy, CTR - Programs to encourage mode shift, AT - Active Transportation, O - Other


Source: City of Bremerton, Bremerton Non-Motorized Transportation Plan, USGS




New Parking




Park & Ride Improvement




Base Gate Improvement




Signal Improvement




Roundabout



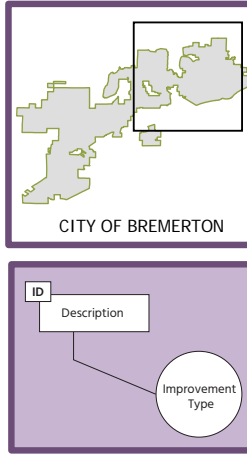
Bicycle Improvement



Pedestrian Improvement



Combined Pedestrian/Bicycle Improvement



System-Level Improvements (Not Depicted in Map Set)

C14	Study need for a new off-ramp from southbound SR 3 to eastbound SR 304 as part of the Navy's planning for any future Base modifications that triggers this project	PC4	Build projects in Kitsap Transit's Long Range Plan that provide a reliable non-auto travel mode such as new circulator route in Bremerton, new express bus service between Tacoma and Bremerton, high capacity transit on SR 303, new on-demand ride zones in Bremerton, multimodal hubs, and additional park and ride lots.
C26	Traffic Management Center that includes IT infrastructure to support adaptive signals (e.g. Cloud based technology)	AT5	Within the 10-minute walksheds of base gates, upgrade and/or add sidewalks; upgrade marked and unmarked crossings to be ADA compliant.
C31	Pedestrian/bike improvements within 5 minute walkshed of park and rides or transit hubs	AT14	Support planning efforts for SR 3 in Gorst
C35	Adaptive signal timing at 19 signalized intersections along Kitsap Way, 6th St, and 11th St	PM2	Implement permit only parking in residential neighborhoods adjacent to and surrounding NBK-BR
C38	Support Burwell Street adaptive signal system (project part of 2022 Strategic Road Safety Plan)	PM3	Establish a transportation management association. This is typically a non-profit established as a public/private partnership with funding primarily from major employers. Funding is used to support expansion of commuter transportation options as alternatives to single-occupancy vehicles through education, programs, and incentives.
T6	More bus routes and greater frequency (10-15 minute headways) to NBK-BR	CTR1	Maintain telework options currently available to Base
T8	Shuttle service between Park & Rides and downtown Bremerton (regular bus route with high frequency)		
CTR3	Improve NBK-BR/Kitsap Transit Worker Driver Bus program by making changes to reimbursement process and easing use requirements		
CTR4	Reduced fare and regular bus passes. Reduced fare based on income		
CTR11	Improve technology to make the NBK-BR/Kitsap Transit Worker Driver Bus program more efficient		
CTR12	Study increased foot-ferry capacity between Bremerton and Port Orchard to align with Kitsap Transit's Long Range Transit Plan		
O6	Better enforcement of HOV lanes		

Figure 7-2. Preferred Alternative

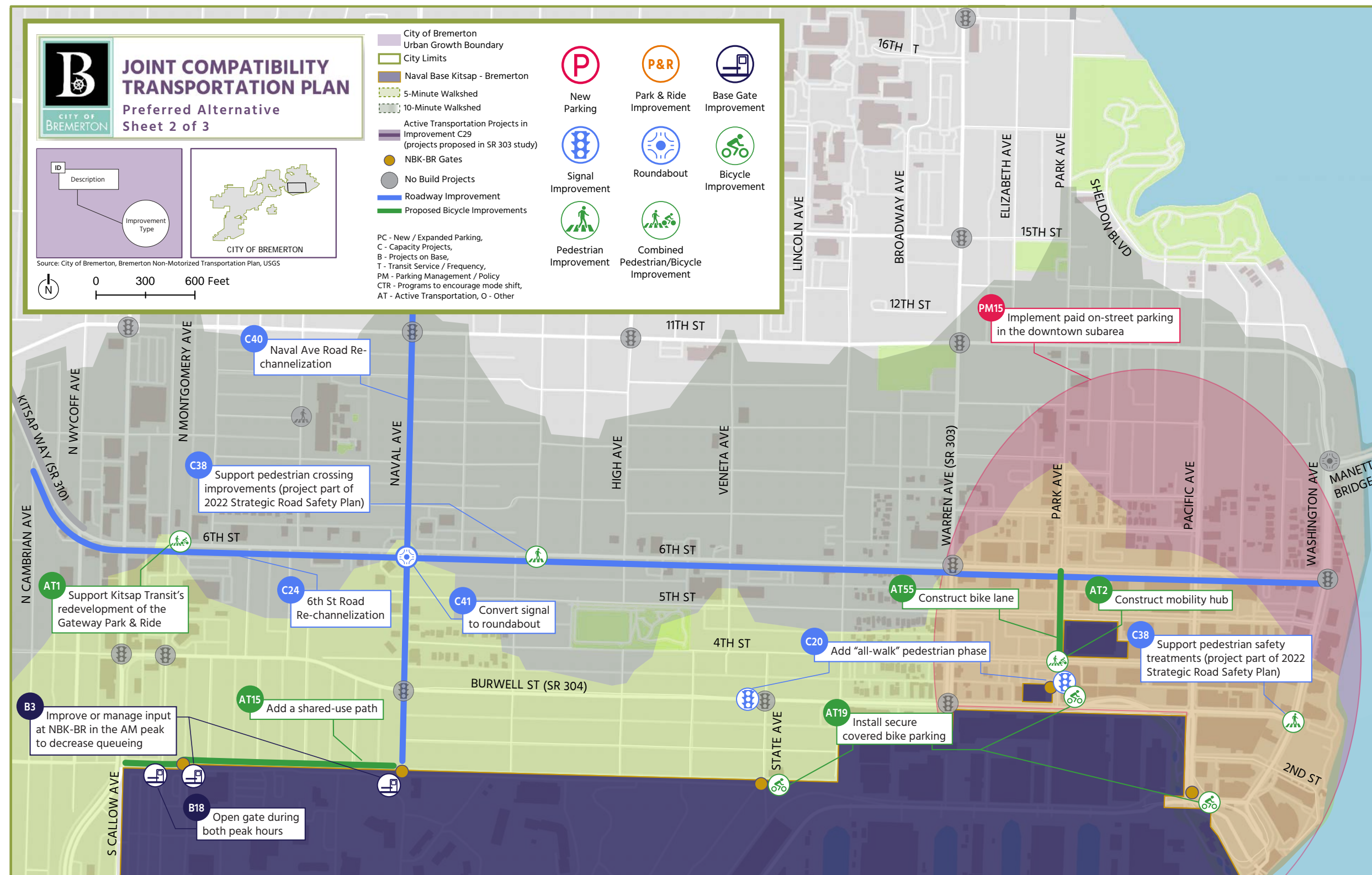
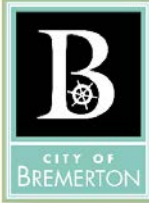
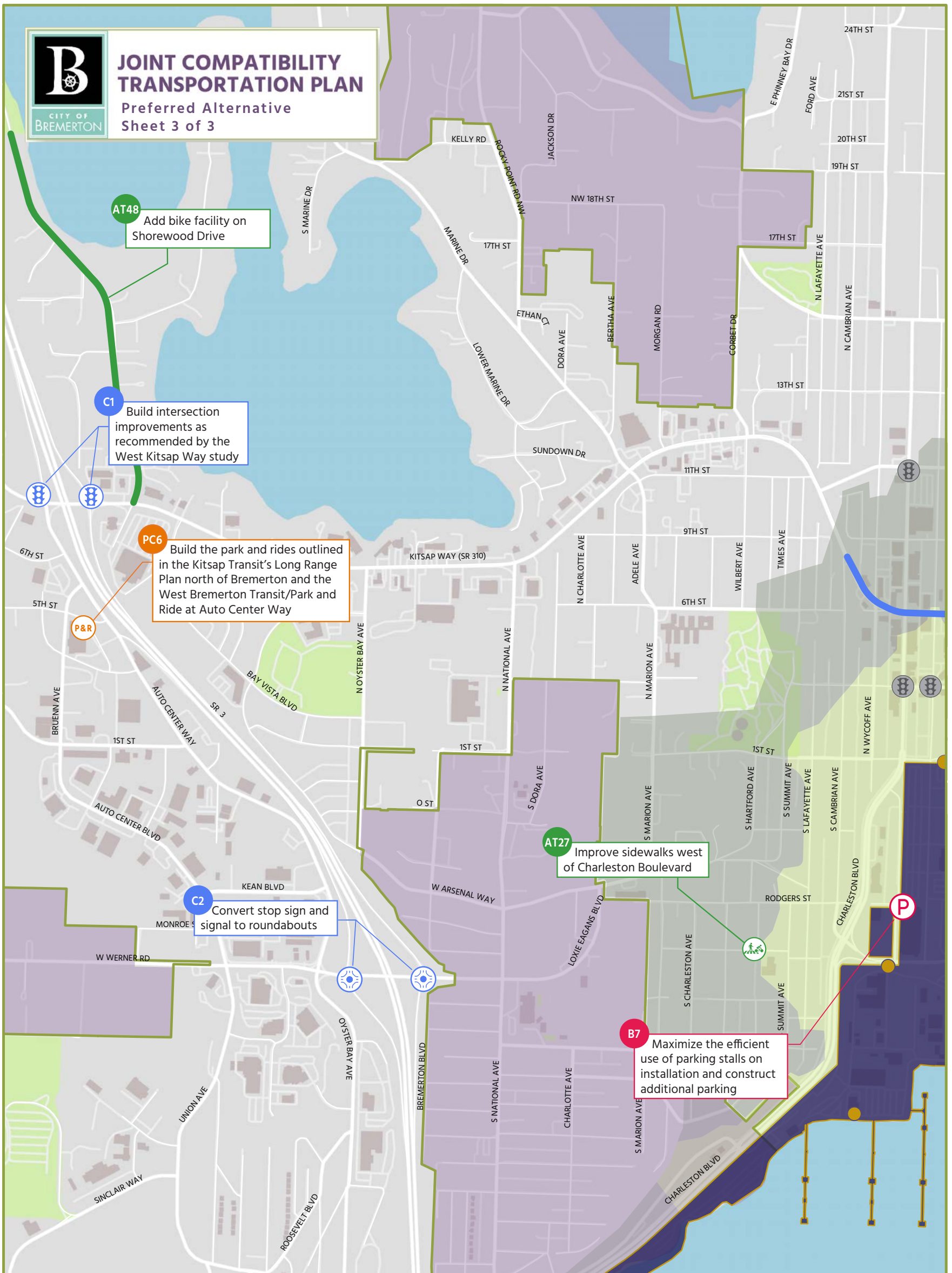


Figure 7-2. Preferred Alternative (continued)



**JOINT COMPATIBILITY
TRANSPORTATION PLAN**
Preferred Alternative
Sheet 3 of 3

AT48 Add bike facility on Shorewood Drive

C1 Build intersection improvements as recommended by the West Kitsap Way study

PC6 Build the park and rides outlined in the Kitsap Transit's Long Range Plan north of Bremerton and the West Bremerton Transit/Park and Ride at Auto Center Way

C2 Convert stop sign and signal to roundabouts

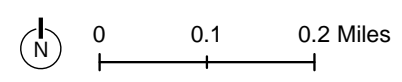
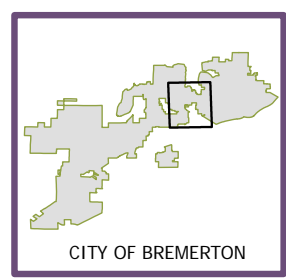
AT27 Improve sidewalks west of Charleston Boulevard

B7 Maximize the efficient use of parking stalls on installation and construct additional parking

- City of Bremerton Urban Growth Boundary
- City Limits
- Naval Base Kitsap - Bremerton
- 5-Minute Walkshed
- 10-Minute Walkshed
- Active Transportation Projects in Improvement C29 (projects proposed in SR 303 study)
- NBK-BR Gates
- No Build Projects
- Roadway Improvement
- Proposed Bicycle Improvements

- New Parking
- Park & Ride Improvement
- Base Gate Improvement
- Signal Improvement
- Roundabout
- Pedestrian Improvement
- Bicycle Improvement
- Combined Pedestrian/Bicycle Improvement

ID	Description	Improvement Type



PC - New / Expanded Parking, C - Capacity Projects, B - Projects on Base, T - Transit Service / Frequency, PM - Parking Management / Policy, CTR - Programs to encourage mode shift, AT - Active Transportation, O - Other

Source: City of Bremerton, Bremerton Non-Motorized Transportation Plan, USGS

Figure 7-2. Preferred Alternative (continued)

Ongoing and Early Actions

The projects identified in the Preferred Alternative will follow and build upon projects that are already underway and should continue. These projects include the following:

- Education for the general public and NBK-BR on the non-auto commuting options available, including vanpool, carpool, transit, Worker/Driver Bus program, and active transportation.
- Maintain and improve management of incoming traffic at the NBK-BR gates, including additional officers to check credentials.
- Maintain and expand teleworking options for NBK-BR and other employees commuting to Downtown Bremerton.
- Implementation of recommendations from the City of Bremerton Parking Study (City of Bremerton 2017), including prioritizing certain parking areas, discouraging the “Bremerton Shuffle,” and increasing enforcement.
- Improve street lighting in Downtown Bremerton to provide a more comfortable environment for active transportation users.
- Increase density in Downtown Bremerton through land use changes.

Recommended Parking Policies

The City of Bremerton Parking Study (City of Bremerton 2017) and this study identified the need for the City to actively manage parking Downtown to meet the City goals and vision of increased livability in Downtown. The City should focus on enforcement and management of the parking system, including increasing options for drivers to switch to other modes, such as walking, biking, or transit as they travel to and from Downtown. In addition, updates are recommended for some of the current City parking regulations contained in the Bremerton Municipal Code (BMC).

The recommended parking policies are described below. More information on the projects, including implementation steps, is included in the project one-pagers in Appendix O.

Implement permit-only parking in residential neighborhoods adjacent to and surrounding NBK-BR (PM2)

Bremerton currently maintains a residential permit parking program in neighborhoods near Downtown that have a high demand for commuter parking. Permits are available to residents at no cost, and parking for non-permit holders is typically restricted to 2 hours, although time limits vary. The regulations for the permit parking program are contained in BMC 10.10.040. Enforcement has improved significantly in recent years due to technology investments by the City, but it remains challenging, and commuter parking impacts still exist and, in some cases, have shifted to other parts of the City. Permit only zones would limit parking to only those who have a residential permit and their guests and would make enforcement easier because it would not require verifying compliance with time limits. Permit only zones are currently authorized by BMC 10.10.040(e) but may not be authorized by petition. Permit only zones may only be created, deleted, or modified by the City Council. The parking code should be modified to allow for permit-only zones by petition and require input from the neighborhood residents regarding the desirability of a permit-only zone prior to enactment.

Nonresidential zone permits limit parking to only permit holders and, in some cases, short-term parking by non-permit holders. Nonresidential zones are typically in areas that are primarily business oriented. Nonresidential permit zones are authorized in BMC 10.10.30 and may be established by the Director of Public Works following a finding that the “change is in the best interest of the community and will improve the health, safety, and welfare of the community” or by the City Council. The current code lacks details about the conditions that would warrant the establishment of a nonresidential zone or the type of nonresidential zone where permits may be appropriate. The City should specifically prohibit nonresidential zones in the Downtown subarea, where customer and visitor access should be prioritized so that long-term parking by employees, commuters, and businesses occurs elsewhere, such as in off-street facilities. Time limits and/or paid parking are better solutions in commercial areas to

restrict commuter parking unless there is a need and desire for employees to park on the street for longer periods of time (e.g., 4 hours or more).

Establish a transportation management association (PM3)

A transportation management association (TMA) is typically a collaborative effort among some combination of cities, public agencies, major institutions, and major employers to collectively address transportation issues in a localized area. TMAs can also be primarily employer driven, either by a single major employer or a group of employers. TMAs are listed in the BMC in the CTR regulations in BMC 10.20, but there is not much detail on how TMAs are encouraged as a CTR strategy. Compared to other parking strategies, the establishment of a TMA will require a higher level of coordination and interest from organizations outside of the City. TMAs are often nonprofits that are controlled by their members and function as public-private partnerships. TMAs provide transportation demand management services within their boundary and can provide a wide range of services, such as marketing, commuter incentives, parking management, transit enhancements, and micromobility. Once established, TMAs can generate revenue beyond member contributions and through their programs.

Implement paid on-street parking in the Downtown subarea (PM15)

Downtown Bremerton has been impacted by commuter parking for many years. Downtown Bremerton has many assets, including local retail and restaurants, a connection to the waterfront, residences, cultural uses, and parks and open spaces. Access to Downtown and, in particular, use of on-street parking should be prioritized for customers and visitors, with longer-term parking, such as for employees and residents, occurring off-street. To minimize the impacts of long-term parking and enhance access to Downtown for customers and visitors, the City should move forward with paid on-street parking using an asset-lite strategy, mobile payment, and demand-based pricing.

Modern technology, such as mobile payment, has revolutionized the parking industry and allows cities to implement paid parking at relatively minimal cost and without the use of expensive hardware. Mobile payment companies will provide the up-front technology, setup, and parking signs to the City at relatively little cost. The City is typically responsible for installing the signage through the Public Works Department. A license plate-based payment system will allow for integration with the City's existing enforcement technology and the use of license plate readers for real-time enforcement against violations (i.e., it does not require virtual chalking). The mobile payment systems also provide other ways to pay, such as calling an 800 number, using a website, or paying at a local business if they do not have a mobile phone. The City could consider installing a few parking kiosks for payments, but it is likely not necessary if partnerships with local businesses can be developed.

The parking technology system allows for integration and management of the City’s permit programs for both on- and off-street parking as well as the collection of routine parking data to inform pricing. The City should implement a demand-based pricing program that varies rates by periods of demand. Demand-based pricing can vary by season, monthly, daily, or hourly. Under demand-based pricing, rates are set higher at periods of peak demand and lower or potentially free at times of low demand. Rates can be preprogrammed to adjust and can easily be modified over time as demand changes. Rates are ultimately set to manage parking demand and ensure access to Downtown and not to achieve a certain revenue target. Demand-based pricing gives parking users options for when they choose to travel to Downtown, such as to take advantage of free parking or, at high-demand times, to be able to find parking at a reasonable cost.

Parking revenue generated should first pay for management and maintenance of the parking system. However, if revenues exceed the management and maintenance costs, the City should consider investing the revenue back into the Downtown. This strategy is known as a parking benefit district and can significantly improve the Downtown, such as supporting capital projects, marketing, the maintenance of streets and public spaces, lighting, and public art. Parking benefit districts can transform downtowns by providing a consistent revenue stream for improvements and maintenance while creating visible benefits from parking management.

Other Considerations

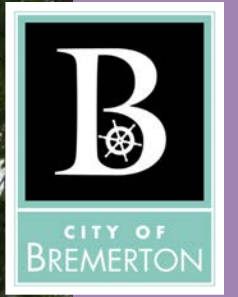
Per the Coordination with Military Installations section of VISION 2050 (PSRC 2020), “while military installations are not subject to local, regional, or state plans and regulations, PSRC recognizes the relationship between regional growth patterns and military installations, and the importance of military employment and personnel in all aspects of regional planning.” In an effort to reduce the number of vehicle trips, the JCTP effort has identified increased housing density surrounding NBK-BR as a potential strategy to promote transit, bicycle transportation, and walkability. Future

transit, bicycle, and pedestrian improvements should be prioritized in areas that provide linkages between high-density housing in Bremerton and NBK-BR access points. With the 2024 Comprehensive Plan update, when evaluating how to achieve population growth targets identified in VISION 2050 (PSRC 2020), the City should consider strategies to increase housing density in areas surrounding NBK-BR. Further coordination with NBK-BR and local stakeholders should take place at that time to ensure any such proposal is consistent with City planning policies, NBK-BR security objectives, Kitsap Transit services, neighborhood compatibility, and outcomes identified in the JCTP.

There is a parking garage in Downtown located at 4th Street and Park Avenue that has approximately 960 parking stalls dedicated to NBK-BR civilians. Zoning in Downtown allows this exclusive use of the parking garage by NBK-BR. While this plan does not recommend new publicly owned parking structures in Downtown it does not preclude a private structure where zoning allows such.

The DOD is in the process of completing the SIOF for PSNS. SIOF’s mission is “to execute the Navy’s once-in-a-century investment to reconfigure, modernize and optimize our four aging Naval Shipyards into new modern facilities that will serve this Nation into the future.” The Navy’s four public shipyards, which include PSNS, “need substantial recapitalization and reconfiguration in order to improve the timely return of ships and submarines back to the fleet following maintenance and modernization” (NAVSEA 2023). As part of SIOF, the Navy is currently preparing an Environmental Impact Statement (EIS) to evaluate the potential environmental impacts of constructing a new dry dock and associated waterfront infrastructure improvements at PSNS & IMF (see Section 9.3)

Per PSRC MultiCounty Planning Policy (MPP-T-19), the City must design transportation programs and projects to support the Downtown Regional Growth Center and High-Capacity Transit Station Areas. This includes areas within 1/2 mile of the ferry terminal property, and within 1/4 mile of future High-Capacity Transit Station Areas (specific sites Downtown TBD).



8. IMPLEMENTATION PLAN



8. Implementation Plan

The Preferred Alternative includes a mix of capital projects and policy-based projects that address existing and future needs related to GP traffic, transit, active transportation, and parking. These projects were evaluated to determine the project phasing and implementation order. The Preferred Alternative improvements were first divided into groups based on the type of project (capital or policy-based) and the agency that has the ownership or ability to lead the project. These groups include the following:

- City of Bremerton capital projects (CC)
- City of Bremerton policy projects (CP)
- NBK-BR capital projects (BC)
- NBK-BR policy projects (BP)
- Kitsap Transit capital projects (KC)
- Kitsap Transit policy projects (KP)
- Washington State capital projects (WC)
- Washington State policy projects (WP)

Each project was scored based on the following four criteria. For each criterion, a score of 1, 2, or 3 was assigned. These scores were added up for a maximum score of 12. The criteria are described below.

- **City Goals:** This criterion assessed how well the project met the City’s goals for improving livability in Bremerton and improving accessibility to NBK-BR. A score of 3 was assigned to projects that would improve both Livability and Base Accessibility, a score of 2 was assigned to projects that would only improve Livability, and a score of 1 was assigned to projects that would only improve Base Accessibility. To be consistent with the City’s overall vision of the Preferred Alternative being “Livability Centered” versus “Capacity Centered,” a higher score was given to projects within the Preferred Alternative that will improve livability.
- **Cost Level:** This criterion assessed the cost level of the project. These cost levels were estimated based on preliminary design layouts and planning-level cost estimates. A score of 3 was assigned to a project that would be a low cost (less than \$500,000), a score of 2 was assigned to

a project that would be medium cost (between \$500,000 and \$5 million), and a score of 1 was assigned to a project that would be high cost (greater than \$5 million).

- **Ease of Implementation:** This criterion assessed how difficult it would be to construct the project based on limitations such as other City project timelines and acquiring right-of-way. A score of 3 was assigned to projects that could be implemented within 6 years, a score of 2 was assigned to projects that could be implemented in 6 to 20 years, and a score of 1 was assigned to projects that could be implemented in 20 to 30 years. Six years correlates to the timeline for the City TIP, and 20 years correlates to the to the timeline for the City Comprehensive Plan. The horizon year for this planning study is 30 years.
- **Funding:** This criterion assessed how easily funding would be acquired. A score of 3 was assigned to projects for which funding is already available, a score of 2 was assigned to projects for which funding sources could be identified and easily secured, and a score of 1 was assigned to projects for which funding sources could not be easily identified.

The total scores assigned to each project were used as a baseline for grouping projects into phases. Early phases include projects that will provide much-needed benefits at lower costs, such as signal timing changes, or projects that can be easily implemented because they are “shovel ready,” such as the Naval Avenue re-channelization.

These projects were prioritized based on how well the project met the study goals, the estimated cost level, the ease of implementation, and potential funding. The horizon year for the JCTP traffic analysis was 2050. The Preferred Alternative project phases are not scheduled for specific years, but it is anticipated that all projects will be constructed over the next 30 years. The proposed project phases for this study are suggestions and may be updated as the projects move towards design and implementation stages. Additionally, the order of the project phases may be altered during coordination with other jurisdictions, as conditions change in

the study area, or as new funding sources become available. A summary of the proposed project phasing is shown in Table 8-1 and the phasing matrix is available in Appendix N.

The proposed project phases are also documented in project one-pagers that provide detailed information on the included improvements, benefits, issues, risks, and estimated cost ranges. The project one-pagers are included in Appendix O. The table is organized by project time frame and owner, with the projects listed in order of priority for completion for each owner. This does not represent an exact timeline for implementation because each project will be dependent on many other actions, including funding and permitting, and some might require additional analysis, design, and environmental review. Because there are four different owners included in this Preferred Alternative, continued coordination and collaboration between the agencies will be necessary for successful delivery of the Preferred Alternative.

Table 8-1. Preferred Alternative Project Phasing

PHASE	PROJECT ID ¹	PROJECT DESCRIPTION	OWNER AGENCY
Short-Term Projects (0 to 6 years)			
CC-1	C40	Naval Ave Road Re-channelization – revises lane configuration on Naval Ave to include a 2-way center turn lane and bike lanes	City of Bremerton
CC-2	C24	6th St Road Re-channelization – revises lane configuration on 6th St to include a 2-way center turn lane and bike lanes	City of Bremerton
CC-3	AT15	Add a shared-use path on south side of 1st St between Naval Ave and Callow Ave	City of Bremerton
CC-4	AT5	Within the 10-minute walksheds of base gates, upgrade and/or add sidewalks; upgrade marked and unmarked crossings to be ADA compliant	City of Bremerton
CC-5	C20	Change signal timing to include all-way pedestrian phase at State St/Burwell St, Park Ave/Burwell St, and Pacific Ave/Burwell St intersections	City of Bremerton
CC-5	C35	Adaptive signal timing at 19 signalized intersections along Kitsap Way, 6th St, and 11th St	City of Bremerton
CC-6	C38	Build projects proposed in Bremerton Strategic Road Safety Plan (City of Bremerton 2022). Includes adaptive signal timing along Burwell St and pedestrian crossing treatments at 6th St/Hewitt Ave and Burwell St/Washington Ave	City of Bremerton
CC-7	AT48	Add bicycle facilities on Shorewood Dr to connect to Kitsap Way and to downtown Bremerton. Navy should consider improving path from Grays Harbor Court to Shorewood Dr to provide connection for Jackson Park to City facilities	City of Bremerton
CC-8	C31	Pedestrian/bicycle improvements within 5-minute walkshed of park and rides or transit hubs (existing and proposed)	City of Bremerton
CC-9	AT27	Improve the sidewalk conditions in the neighborhood west of Charleston Blvd	City of Bremerton
CP-1	AT1	Support Kitsap Transit’s redevelopment of the Gateway Park and Ride property located at 6th St and Montgomery Ave in a manner consistent with the Comprehensive Plan, Zoning Code, and Charleston Area-wide Planning Study	City of Bremerton
BC-1	AT19	Install secure covered bicycle parking inside NBK-BR, PSNS, and outside gates	NBK-BR
BC-2	B3	Improve or manage vehicle input at NBK-BR gates in the AM peak to decrease queuing on City streets	NBK-BR
BC-3	B18	Allow input at Montgomery gate during AM peak hours and allow output during PM peak hours	NBK-BR
BC-4	C14	Study the need for a new off-ramp from southbound SR 3 to eastbound SR 304 as part of the Navy’s planning for any future NBK-BR modifications that triggers this project	NBK-BR
BP-1	CTR1	Maintain telework options currently available to DOD employees	NBK-BR
BP-2	CTR3	Improve NBK-BR/Kitsap Transit Worker/Driver Bus program by making changes to improve reimbursement process that ease use requirements	NBK-BR
KP-1	CTR11	Improve NBK-BR/Kitsap Transit Worker/Driver Bus program by using technology and active management to optimize routes and by adding “late” routes and/or alternative shift routes	Kitsap Transit
KP-2	CTR12	Study increased foot-ferry capacity between Bremerton and Port Orchard to align with the Kitsap Transit Long Range Plan	Kitsap Transit
KP-3	CTR4	Reduced fare and regular bus passes. Reduced fare based on income	Kitsap Transit
WP-1	O6	Better enforcement of HOV lanes	Washington State Patrol
WP-2	AT14	Support planning efforts for SR 3 in Gorst	Washington State Patrol
Mid-Term Projects (6 to 20 years)			
CC-10	AT2	Construct a mobility hub at the southwest corner of Park Ave and 4th St for first/last mile connections	City of Bremerton
CC-10	AT55	Construct bike lanes on Park Ave from 4th St to 6th St	City of Bremerton

PHASE	PROJECT ID ¹	PROJECT DESCRIPTION	OWNER AGENCY
CC-11	C26	Traffic Management Center that includes IT infrastructure to support adaptive signals (e.g., cloud-based technology)	City of Bremerton
CC-12	C41	Convert signal at Naval Ave/6th St to a roundabout	City of Bremerton
CP-2	PM15	Implement paid on-street parking in the downtown subarea	City of Bremerton
CP-3	PM2	Implement permit-only parking in residential neighborhoods adjacent to and surrounding NBK-BR	City of Bremerton
KC-1	PC6	Build the park and rides, outlined in the Kitsap Transit Long Range Plan, including the Silverdale Park and Ride north of Bremerton and the West Bremerton Transit Center/ Park and Ride at Auto Center Way	Kitsap Transit
KC-2	PC4	Build projects in the Kitsap Transit Long Range Plan that provide a reliable non-auto travel mode, such as new circulator route in Bremerton, new express bus service between Tacoma and Bremerton, high-capacity transit on SR 303, new on-demand ride zones in Bremerton, multimodal hubs, and additional park and ride lots	Kitsap Transit
KC-3	PC3	Build park and rides in the Kitsap Transit Long Range Plan at the Puget Sound Industrial Center and in South Kitsap; look for opportunities to add parking beyond planned 520 parking stalls	City of Bremerton
KP-4	T8	Shuttle service between park and rides and downtown Bremerton (regular bus route with high frequency)	Kitsap Transit
KP-5	T6	More bus routes and greater frequency (10–15 minute headways) to NBK-BR, including early morning and late evening routes	Kitsap Transit
KP-6	PM3	Establish a transportation management association. This is typically a nonprofit established as a public-private partnership with funding primarily from major employers. Funding is used to support expansion of commuter transportation options as alternatives to single-occupancy vehicles through education, programs, and incentives.	Kitsap Transit
WC-1	C1	Build intersection improvements at SR 3/Kitsap Way as recommended by the West Kitsap Way study	WSDOT
WC-2	C2	Convert stop sign and signals at SR 3/W Loxie Eagans Blvd interchange to roundabouts	WSDOT
Long-Term Projects (20+ years)			
CC-13	C29	Build projects proposed in SR 303 Corridor Study (City of Bremerton 2021) – prioritize capacity projects including roundabouts and BAT lane	City of Bremerton
BC-5	B7	Maximize the efficient use of parking stalls on NBK-BR installation and construct additional parking	NBK-BR

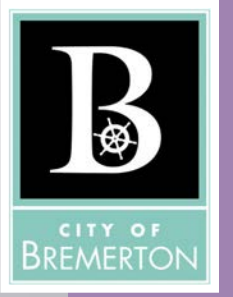
¹ PC - New/Expanded Parking, C - Capacity Projects, B: Projects on Base, T - Transit Service/Frequency, AT - Active Transportation, PM - Parking Management/Policy, CTR - Programs/Technologies/Incentives to Encourage Mode Shift, O - Other

Potential Funding

The projects identified in the Preferred Alternative will require funding. There are multiple funding options available, depending on the type of project. Table 8-2 includes list of potential funding sources for JCTP projects.

Table 8-2. Potential Funding Sources for JCTP Projects

GRANT SOURCE	PROJECT ELIGIBILITY
Rebuild America Infrastructure with Sustainability and Equity Grants	Many types including road projects and public transportation projects
Safe Streets and Roads for All – Implementation Grants	Projects identified in a Safety Action Plan to address roadway safety problems
Transportation Alternatives Program	Community-based transportation improvements, such as bicycle and pedestrian facilities
PSRC Regional and Kitsap Countywide Competitive grants	Projects that support development of centers and the transportation corridors that serve them
Surface Transportation Block Grant Program	Variety of transportation projects and programs, including roadways, bridges, pedestrian and bicycle infrastructure, transit and other investments
Highway Safety Improvement Program	Projects that reduce fatal and serious injury crashes, following Washington state's Strategic Highway Safety Plan and the City's local road safety plan.
WSDOT's Safe Routes to School and Pedestrian/Bicyclist programs	Projects for bicycle facilities, pedestrian facilities, crossing improvements for people who walk and bicycle, speed management, and education and encouragement about walking and bicycling.
Defense Access Roads program, jointly administered by DOD's Military Surface Deployment and Distribution Command Transportation Engineering Agency and the Federal Highway Administration	Defense Access Roads program allows the Secretary of Transportation to provide for the construction and maintenance of roads that give access to military installations and other defense-related properties and for the replacement of highways that are closed to the public due to closures or restrictions at military installations and defense industry sites. It is the only federal mechanism that allows for the military to fund improvements to roads outside of an installation.
DOD's Defense Community Infrastructure Pilot Program	Infrastructure projects located on a military installation; projects must support military installations, be owned by state or local government, be endorsed by local installation commander, and be construction-ready.
Washington State's Defense Community Compatibility Account	Projects that promote land use compatibility between communities and military installations, such as projects that improve or enhance aspects of the local economy, environment, or quality of life impacted by the presence of military activities.



9. NEXT STEPS

9. Next Steps

The goal of the JCTP study is to create a responsive and actionable plan to examine existing and future needs for all transportation modes serving NBK-BR and ensure Bremerton's growth will not impede NBK-BR missions, which are critical to our Nation's military readiness. The plan defines solutions to improve multimodal mobility, outline parking strategies, and enhance Bremerton's livability. Success of this plan will ensure NBK-BR meets its missions for national defense while supporting Bremerton's long-range growth needs.

The Preferred Alternative provides a prioritized set of projects to address the needs identified in the Existing Conditions and Future No Build Conditions analysis. The proposed phasing plan includes short-term, mid-term, and longterm improvements that will provide benefits to both the City and NBK-BR. Using the JCTP, the City, NBK-BR, the County, and WSDOT will:

- Work with Kitsap Transit to plan for transit accessibility improvements, transit service improvements, and transit infrastructure improvements within the study area.
- Continue to monitor needs in the study area to ensure each proposed project meets those needs.
- Continue to engage the public to refine and improve the proposed projects.
- Identify and apply for various funding sources for each project.
- Continue to consider construction phasing packages based on needs and funding availability.
- Include and prioritize the recommended projects in the City's Comprehensive Plan and Transportation Improvement Program

Ongoing Study Roles and Responsibilities

It is anticipated that the CSB members for this study will continue to coordinate during the design and implementation stages for the proposed improvements. Coordination between the City of Bremerton, NBK-BR, Kitsap Transit, Kitsap County, and WSDOT will continue as funding sources are identified and pursued.

Ongoing Public Involvement

Just as public involvement helped shape the outcome of the JCTP, ongoing public involvement will be critical to future planning, design, and development. Consistent with the community engagement for this study, future phases of study will need to actively provide opportunities for the public and study area community members to provide comments and input. All community engagement during the design and implementation stages will need to closely follow National Environmental Policy Act and Washington State Environmental Policy Act procedures related to public involvement.

Future Upcoming Studies

Additional studies in the study area are being completed now or in the near future.

West Kitsap Way Planning Study

The City was awarded a federal Surface Transportation Program grant via PSRC to conduct a transportation planning study for Kitsap Way from SR 3 to Chico Way. West Kitsap Way has concrete pavement in poor condition and lacks pedestrian and bicycle infrastructure. The study will determine, through a public process, updated cross sections and 5-10 percent level of design for the future reconstruction of the roadway.

City of Bremerton Comprehensive Plan 2024

The City of Bremerton is currently in the process of updating their Comprehensive Plan. Bremerton's Comprehensive Plan provides guidance for how the City will grow and develop over the next 20 years. The Comprehensive Plan is the centerpiece of local planning efforts and relays the goals and policies that will guide the day-to-day decisions of elected officials and local government staff. The City Comprehensive Plan update is scheduled to be completed by December 2024. The Preferred Alternative projects included in the JCTP will be reviewed to included and prioritized in the Comprehensive Plan and integrated into the Transportation Improvement Program.

Bremerton Waterfront Infrastructure Improvements Environmental Impact Statement

The Navy is preparing an EIS to evaluate the potential environmental impacts associated with construction of a new dry dock and associated waterfront infrastructure improvements at PSNS & IMF at NBK-BR. Much of the infrastructure at PSNS & IMF dates back to the late 1800s and early 1900s, and it was designed primarily for building and maintaining ship classes that are no longer part of the modern naval fleet. Other than construction of Dry Dock 6 in the early 1960s, the shipyard has had few major infrastructure updates since the mid-1900s, which has led to significant production inefficiencies for maintaining current ships. The shipyard lacks the necessary capability to accommodate new and future classes of ships.

The Proposed Action includes construction of new dry dock, seismic upgrades, demolition of Hammerhead Crane, and modification, demolition and/or replacement of other piers, wharves, quay walls, buildings, and utilities at shipyard. The draft EIS is currently being prepared and the Final EIS is expected in the spring of 2024.

SR 3/Gorst Area – Widening Project

As part of the \$16.8 billion Move Ahead Washington Transportation Package passed by the Washington State Legislature in 2021, \$74.3 million was allocated to the SR 3/Gorst Area widening project to fund the initial design and environmental work. The planning efforts for this project are expected to get under way in late 2023 or early 2024.

10. REFERENCES



10. References

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Appendix A

Project Inventory





JOINT COMPATIBILITY TRANSPORTATION PLAN

Existing Conditions

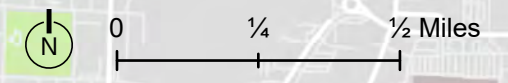
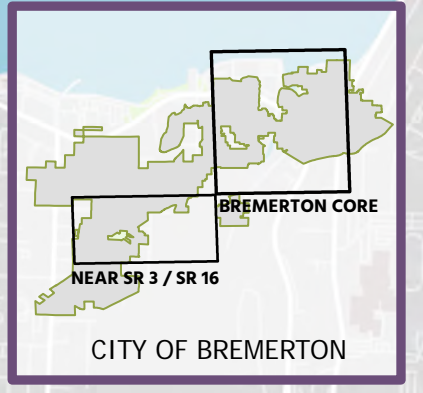
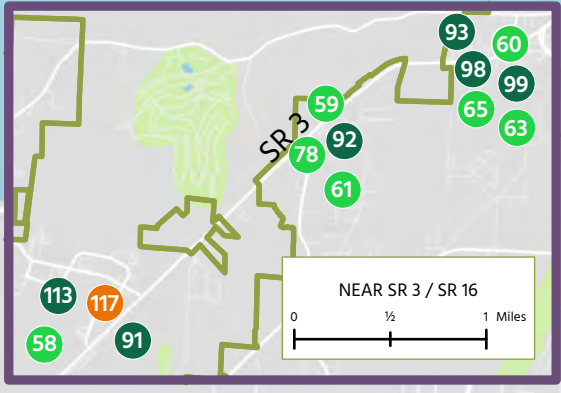
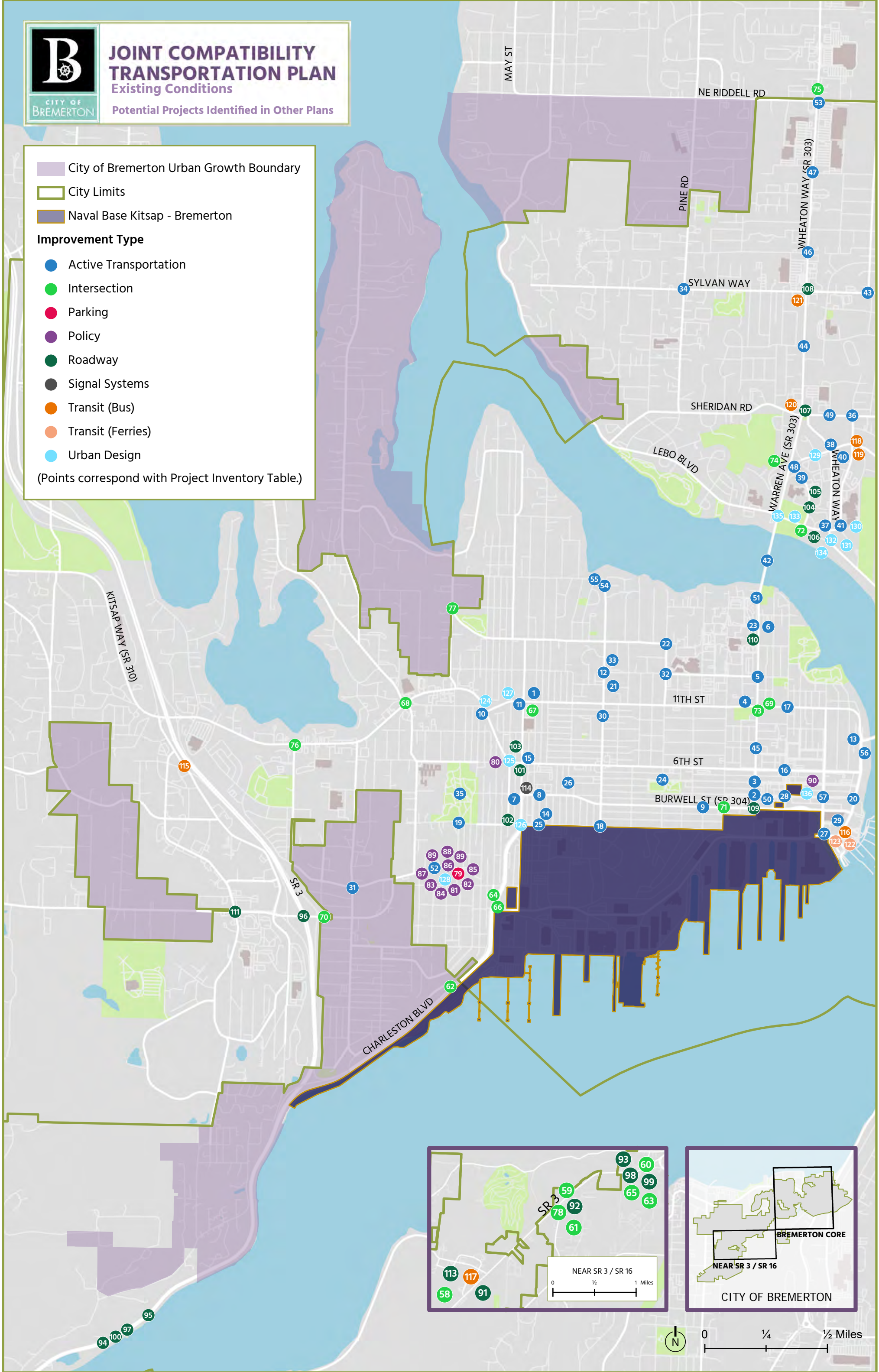
Potential Projects Identified in Other Plans

- City of Bremerton Urban Growth Boundary
- City Limits
- Naval Base Kitsap - Bremerton

Improvement Type

- Active Transportation
- Intersection
- Parking
- Policy
- Roadway
- Signal Systems
- Transit (Bus)
- Transit (Ferries)
- Urban Design

(Points correspond with Project Inventory Table.)



Joint Compatibility Transportation Plan - Project Inventory List

Number	Year	Study	Project Description	Type of Improvement
Projects Shown on Map				
1	2007	Bremerton Non-Motorized Plan	11th St at Callow Ave - intersection improvements	Active Transportation
2	2007	Bremerton Non-Motorized Plan	SR 303/Warren Ave at 4th St - intersection improvements	Active Transportation
3	2007	Bremerton Non-Motorized Plan	SR 303/Warren Ave at 5th St - intersection improvements	Active Transportation
4	2007	Bremerton Non-Motorized Plan	SR 303/Warren Ave at 11th St - intersection improvements	Active Transportation
5	2007	Bremerton Non-Motorized Plan	SR 303/Warren Ave at 13th St - intersection improvements	Active Transportation
6	2007	Bremerton Non-Motorized Plan	SR 303/Warren Ave at 16th St - intersection improvements	Active Transportation
7	2007	Bremerton Non-Motorized Plan	SR 304/Burwell St at Callow Ave - intersection improvements	Active Transportation
8	2007	Bremerton Non-Motorized Plan	SR 304/Burwell St at Montgomery Ave - intersection improvements	Active Transportation
9	2007	Bremerton Non-Motorized Plan	SR 304/Burwell St at State Ave - intersection improvements	Active Transportation
10	2007	Bremerton Non-Motorized Plan	SR 310/Kitsap Way at 11th St - intersection improvements	Active Transportation
11	2007	Bremerton Non-Motorized Plan	11th St (SR 310/Kitsap Way to Callow Ave) - complete sidewalk gaps	Active Transportation
12	2007	Bremerton Non-Motorized Plan	Naval Ave (13th St to 15th St) - complete sidewalk gaps	Active Transportation
13	2007	Bremerton Non-Motorized Plan	Manette Br (Washington Ave to Old Wheaton Way) - replace bridge to include bicycle lanes and sidewalks and/or a shared use path	Active Transportation
14	2007	Bremerton Non-Motorized Plan	1st St (Montgomery Ave to Naval Ave) - stripe eastbound contraflow bicycle lane; westbund bicycle travel accommodated in shared vehicle/bicycle lane	Active Transportation
15	2007	Bremerton Non-Motorized Plan	6th St (Callow Ave to Park Ave) - bicycle lanes	Active Transportation
16	2007	Bremerton Non-Motorized Plan	6th St (Park Ave to Washington Ave) - bicycle lanes	Active Transportation
17	2007	Bremerton Non-Motorized Plan	11th St/Washington Ave (Park Ave to Manette Bridge) - bicycle lanes	Active Transportation
18	2007	Bremerton Non-Motorized Plan	Naval Ave (1st St to 15th St) - bicycle lanes	Active Transportation
19	2007	Bremerton Non-Motorized Plan	1st St (Hartford Ave to Naval Ave) - Level 1, 2, and 3 bicycle boulevard applications (signage, pavement markings, intersection treatments)	Active Transportation
20	2007	Bremerton Non-Motorized Plan	4th St (Olympic Ave to Washington Ave) - Level 1, 2, 3, and 4 bicycle boulevard applications (signage, pavement markings, intersection treatments, traffic calming)	Active Transportation
21	2007	Bremerton Non-Motorized Plan	13th St (Naval Ave to Park Ave) - Level 1, 2, 3, and 4 bicycle boulevard applications (signage, pavement markings, intersection treatments, traffic calming)	Active Transportation
22	2007	Bremerton Non-Motorized Plan	15th St (Lafayette Ave to High Ave) - Level 1, 2, 3, and 4 bicycle boulevard applications (signage, pavement markings, intersection treatments, traffic calming)	Active Transportation
23	2007	Bremerton Non-Motorized Plan	16th St/Chester Ave (SR 303/Warren Ave to future Port Washing Narrows bike/pedestrian bridge) - Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Active Transportation
24	2007	Bremerton Non-Motorized Plan	High Ave (5th St to 15th St) - Level 1, 2, 3, and 4 bicycle boulevard applications (signage, pavement markings, intersection treatments, traffic calming)	Active Transportation
25	2007	Bremerton Non-Motorized Plan	Montgomery Ave (1st St to 15th St) - Level 1, 2, 3, and 4 bicycle boulevard applications (signage, pavement markings, intersection treatments, traffic calming)	Active Transportation
26	2007	Bremerton Non-Motorized Plan	Olympic Ave/Whitney Ave (4th St to 15th St) - Level 1, 2, 3, and 4 bicycle boulevard applications (signage, pavement markings, intersection treatments, traffic calming)	Active Transportation
27	2007	Bremerton Non-Motorized Plan	Pacific Ave (1st St to 13th St) - Level 1, 2, and 3 bicycle boulevard applications (signage, pavement markings, intersection treatments)	Active Transportation
28	2007	Bremerton Non-Motorized Plan	Park Ave (4th St to 17th St) - Level 1, 2, 3, and 4 bicycle boulevard applications (signage, pavement markings, intersection treatments, traffic calming)	Active Transportation
29	2007	Bremerton Non-Motorized Plan	Washington Ave (1st St to Manette Br) - Level 1 and 2 bicycle boulevard applications (signage, pavement markings)	Active Transportation
30	2007	Bremerton Non-Motorized Plan	Naval Avenue Elem. School safe routes to school improvements - Inventory bicycle/pedestrian facilities in the Naval Avenue Elem. School walking catchment area, and identify specific deficiencies that complicate bicyclist and pedestrian travel. Design and construct infrastructure improvements, including shared use paths, neighborhood accessways, bicycle lanes, sidewalks, curb ramps, crosswalks, and other intersection improvements where necessary. Assign higher prioritization to projects along major bike- and walk-to-school routes.	Active Transportation

Joint Compatibility Transportation Plan - Project Inventory List

Number	Year	Study	Project Description	Type of Improvement
31	2007	Bremerton Non-Motorized Plan	West Hills Elem. School safe routes to school improvements - Inventory bicycle/pedestrian facilities in the West Hills Elem. School walking catchment area, and identify specific deficiencies that complicate bicyclist and pedestrian travel. Design and construct infrastructure improvements, including shared use paths, neighborhood accessways, bicycle lanes, sidewalks, curb ramps, crosswalks, and other intersection improvements where necessary. Assign higher prioritization to projects along major bike- and walk-to-school routes.	Active Transportation
32	2007	Bremerton Non-Motorized Plan	Bremerton High School safe routes to school improvements - Inventory bicycle/pedestrian facilities in the Bremerton High School walking catchment area, and identify specific deficiencies that complicate bicyclist and pedestrian travel. Design and construct infrastructure improvements, including shared use paths, neighborhood accessways, bicycle lanes, sidewalks, curb ramps, crosswalks, and other intersection improvements where necessary. Assign higher prioritization to projects along major bike- and walk-to-school routes.	Active Transportation
33	2020	Bremerton Strategic Road Safety Plan	13th St and Sylvan Way Corridors: Systemic Pedestrian Safety Treatments (Naval Ave to Park Ave)	Active Transportation
34	2020	Bremerton Strategic Road Safety Plan	13th St and Sylvan Way Corridors: Systemic Pedestrian Safety Treatments (Pine Rd NE to Olympus Dr NE)	Active Transportation
35	2020	Charleston Areawide Planning Report	Open Space and Recreation: Town to Forest Urban Trail along Burwell Street (Forest Ridge Park to Callow Ave)	Active Transportation
36	2020	Eastside Village Subarea Plan	Sheridan Road (Wheaton Way to Cherry Ave) segment improvements: pedestrian, bike, transit	Active Transportation
37	2020	Eastside Village Subarea Plan	Lower Wheaton Way (Lebo Blvd to Callahan Dr) segment improvements: pedestrian, bike, transit (signature)	Active Transportation
38	2020	Eastside Village Subarea Plan	Lower Wheaton Way (Callahan Dr to Sheridan Rd) segment improvements: pedestrian, bike, transit (signature)	Active Transportation
39	2020	Sheridan/Harris Center Final EIS	New multi-use path to connect bridge to bridge-to-bridge trail (Wheaton Way to Lebo Blvd)	Active Transportation
40	2020	Sheridan/Harris Center Final EIS	Short term: stripe climbing lane. Long term: construct protected shared use path. Other street sections may also be considered along Lower Wheaton Way (Lebo Blvd to Sheridan Rd)	Active Transportation
41	2020	Sheridan/Harris Center Final EIS	Pedestrian oriented street designated 100' north of Lebo Blvd	Active Transportation
42	2021	SR 303 Corridor Study	Widen Warren Avenue Bridge to include 10' sidewalks on both sides. Manage lane widths on Warren Avenue Bridge with a minimum of 10.5'. Center barrier on Warren Avenue Bridge. Construct a 3' wide low-maintenance landscape or hardscape buffer between curb and sidewalk and widen sidewalks to 10' on east side of SR 303 from north of 17th Street to the Warren Avenue Bridge. Update lighting on the structure for both roadway and active transportation users. Sidewalks at both north and south ends that are forward-compatible with long-term plan. Active transportation facility to connect to Lebo Boulevard on the north side of the bridge. Provide wayfinding for active transportation. Bicycle facilities south of the bridge between SR 303 and Park Avenue	Active Transportation
43	2021	SR 303 Corridor Study	Bicycle facilities on Almira Drive from Sylvan Way to NE Riddell Road, including roadway widening and stormwater improvements	Active Transportation
44	2021	SR 303 Corridor Study	Build a mid-block pedestrian crossing north of Dibb Street and provide a pedestrian hybrid beacon and pedestrian refuge island	Active Transportation
45	2021	SR 303 Corridor Study	Build a mid-block pedestrian crossing between 6th Street and 11th Street and provide a pedestrian hybrid beacon signal and pedestrian refuge island. Add bus stops near mid-block crossing	Active Transportation
46	2021	SR 303 Corridor Study	Build a mid-block pedestrian crossing north of Pearl Street and provide a pedestrian hybrid beacon and pedestrian refuge island. Relocate bus stops to be near mid-block crossing	Active Transportation
47	2021	SR 303 Corridor Study	Build a mid-block pedestrian crossing between Hollis Street and NE Riddell Road and provide a pedestrian hybrid beacon and pedestrian refuge island. Relocate bus stops to be near mid-block crossing	Active Transportation
48	2021	SR 303 Corridor Study	Update lane striping along SR 303 to delineate active transportation facilities. Provide wayfinding for active transportation users. Underground utilities that would otherwise be obstructions in the sidewalks. Improve striping along Callahan Drive tunnel to show active transportation facility	Active Transportation

Joint Compatibility Transportation Plan - Project Inventory List

Number	Year	Study	Project Description	Type of Improvement
49	2021	SR 303 Corridor Study	Bicycle facilities from Callahan Drive to Cherry Avenue using lower Wheaton Way, Spruce Avenue, and E 30th Street. Build a mid-block pedestrian crossing at Sheridan Road and Spruce Avenue. Bicycle facilities on Callahan Drive from SR 303 to lower Wheaton Way using existing tunnel under SR 303. Provide 10' wide sidewalks at the following locations: SR 303 to Almira Drive using NE 32nd Street through Old East Bremerton High School, connecting near Dibb Street, Wheaton Way Transit Center to Pine Road NE using NE Normandy Drive or NE Roswell Drive to access Clogston Avenue NE. Construct a paved active transportation facility from Cherry Avenue to Almira Drive. Bicycle facilities on Almira Drive from Cherry Avenue to Sylvan Way	Active Transportation
50	2021	SR 303 Corridor Study	Underground utilities that would otherwise be obstructions in the sidewalks	Active Transportation
51	2021	SR 303 Corridor Study	Construct a tunnel under SR 303 for an active transportation undercrossing, connecting Olympic College to east side of SR 303. Active transportation facilities on 18th Street through Olympic College to Broadway Avenue	Active Transportation
52	2021-2026	Bremerton TIP	Arsenal Way/Patten Ave Safety Improvements - sidewalks, close sidewalk gaps, bike boulevard (scope not defined)	Active Transportation
53	2021-2026	Bremerton TIP	Riddell Road Sidewalk Improvements - Gap project on south and north side of Riddell west of SR 303; new development to close gap on south side. East of SR 303 development will close sidewalk gap on south side of Riddell (Winco to Almira)	Active Transportation
54	2021-2026	Bremerton TIP	Anderson Cove Sidewalks; 19th & Naval to 15th - sidewalk gap connections	Active Transportation
55	2021-2026	Bremerton TIP	Matan & Lillian & James Sidewalk Connector; Bloomington & Olympic - sidewalk gap connections	Active Transportation
56	2021-2026	Bremerton TIP	Washington Avenue Lower Sidewalks - replace sidewalks on Washington north of Manette Bridge; scoped to be included in Washington/Manette RAB project	Active Transportation
57	2021-2026	Bremerton TIP	4th Street Landscaping Replacement/Sidewalk Repair (Quincy Square)	Active Transportation
58	2012	Bremerton Economic Development Study	SR 3/Imperial Way - intersection improvements; add additional channelization improvements	Intersection
59	2012	Bremerton Economic Development Study	SR 3/Sunnyslope Road - intersection improvements; install roundabout or traffic signal, based on detailed traffic study and warrants	Intersection
60	2012	Bremerton Economic Development Study	SR 3/Sam Christopherson Interchange - construct a new interchange to grade separating the SR 3/Sam Christopherson Road intersection and widen the SR 16 Spur	Intersection
61	2012	Bremerton Economic Development Study	SR 3/Imperial Way - Intersection improvements; additional channelization or grade seapration may be needed to meet 2030 LOS standards; Monitor traffic increases to determine when further improvements are needed	Intersection
62	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Operational improvements at SR 304 and Charleston Beach Rd. intersection	Intersection
63	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Optimize signal operations at SR 3 and SR 16/Sam Christopherson intersection	Intersection
64	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Operational improvements at SR 304 and Farragut Ave intersection	Intersection
65	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Construct roundabout at SR 3 and SR 16/Sam Christopherson intersection	Intersection
66	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Approach widening at SR 304 and Farragut Ave. intersection	Intersection
67	2020	Bremerton Strategic Road Safety Plan	11th St & Callow Intersection Improvements	Intersection
68	2020	Citywide Transportation Concurrency	Signal timing Improvements will mitigate intersection LOS deficiencies at the following intersections: Kitsap Way (SR 310)/Marine Dr and Warren Ave (SR 303)/11th St	Intersection
69	2020	Citywide Transportation Concurrency	Signal timing Improvements will mitigate intersection LOS deficiencies at the following intersections: Kitsap Way (SR 310)/Marine Dr and Warren Ave (SR 303)/11th St	Intersection
70	2020	Citywide Transportation Concurrency	A new coordinated traffic signal or roundabout is recommended at the intersection of Loxie Eagans Blvd/SR 3 southbound ramps	Intersection
71	2020	Citywide Transportation Concurrency	Peak period left-turn restrictions are recommended on Chester Ave at the Burwell St (SR 304) intersection	Intersection
72	2020	Eastside Village Subarea Plan	Clare/Lebo new signal	Intersection
73	2021	SR 303 Corridor Study	Replace signal at 11th Street with a 2-lane roundabout including pedestrian crossings at all four quadrants	Intersection

Joint Compatibility Transportation Plan - Project Inventory List

Number	Year	Study	Project Description	Type of Improvement
74	2021	SR 303 Corridor Study	Construct a new roundabout intersection at Callahan Drive/Clare Avenue. Repurpose tunnel along Callahan Drive to be an active transportation undercrossing. Construct northbound business access and transit (BAT) lane from north of Warren Ave Bridge to connect with previously constructed BAT lane. Include northbound transit signal queue jump at Callahan Drive intersection. Construct 3' wide median. Provide curb and gutter, a 6' wide low-maintenance landscape or hardscape buffer, and 10' sidewalks on both sides of SR 303 from north of Warren Avenue Bridge to Sheridan Road. Underground utilities that would otherwise be obstructions in the sidewalks	Intersection
75	2021	SR 303 Corridor Study	Replace signal at NE Riddell Road with a roundabout including pedestrian crossings at all four quadrants	Intersection
76	2021-2026	Bremerton TIP	Oyster Bay Avenue Improvements - roadway reconstruction including multimodal, signal replacement at Kitsap way and Oyster Bay	Intersection
77	2021-2026	Bremerton TIP	15th and Corbet Intersection Improvements - safety improvements, may include all way stop and/or minor realignment (scope not defined)	Intersection
78	2021-2026	Bremerton TIP	Cross-SKIA Connector/Analysis Area B/SR 3 - New intersection at northern terminus of extension of Cross-PSIC Connector	Intersection
79	2020	Charleston Areawide Planning Report	Flexible Parking Standards	Parking
80	2020	Charleston Areawide Planning Report	Wycoff Artisan/Live-work Overlay District: designate the city blocks along Wycoff Avenue north of 6th Street/Kitsap Way as the "Wycoff Artisan/Live-work Overlay District"	Policy
81	2020	Charleston Areawide Planning Report	Opportunities Sites	Policy
82	2020	Charleston Areawide Planning Report	Interim Uses	Policy
83	2020	Charleston Areawide Planning Report	Community Stewardship and Governance	Policy
84	2020	Charleston Areawide Planning Report	District Rebranding	Policy
85	2020	Charleston Areawide Planning Report	Events and Traditions	Policy
86	2020	Charleston Areawide Planning Report	Site and Building Activation (interim uses/activities)	Policy
87	2020	Charleston Areawide Planning Report	Comprehensive Plan Additions	Policy
88	2020	Charleston Areawide Planning Report	Interim/Temporary Uses	Policy
89	2020	Charleston Areawide Planning Report	DCC Overlay (Wycoff Artisan/Live-Work Overlay District)	Policy
89	2020	Charleston Areawide Planning Report	Capital Improvement Plan Additions	Policy
90	2021-2026	Bremerton TIP	Downtown Circulation Study	Policy
91	2012	Bremerton Economic Development Study	SR 3 Widening - widen to 4 lanes from Imperial Way to Sunnyslope Rd	Roadway
92	2012	Bremerton Economic Development Study	SR 3 Widening - widen to 4 lanes from Sunnyslope Rd to Gorst	Roadway
93	2012	Bremerton Economic Development Study	SR 3 Widening - eliminate lane drop on SR 16 to northbound SR 3 by extending the lane north of the railroad bridge and extend the northbound SR 3 lane for longer merge area (interim)	Roadway
94	2012	Bremerton Economic Development Study	SR 3 Widening - widen to 6 lanes (creating one HOV lane in each direction) from Gorst to SR 304	Roadway
95	2012	Bremerton Economic Development Study	Extend SB SR 3 through SR 304 Interchange - extend SB SR 3 two-lanes through SR 304 interchanges and adjust SR 304 SB Ramp to merge instead of add lane	Roadway
96	2012	Bremerton Economic Development Study	SR 3 Widening - widen to 6 lanes (creating one HOV lane in each direction) from SR 304 to Loxie Eagans Boulevard; and maintain the northbound auxiliary lane	Roadway
97	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	SR 3 PUSL from SR 304 to railroad trestle	Roadway
98	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Modify lane channelization for SR 16 WB at Gorst	Roadway
99	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Consolidate driveways through SR 3/SR 16 interchange area	Roadway
100	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	SR 3 PUSL from railroad trestle to Gorst	Roadway
101	2020	Bremerton Strategic Road Safety Plan	6th St Rechannelization (N Callow Ave to Park Ave)	Roadway
102	2020	Charleston Areawide Planning Report	Callow Avenue Streetscape and Festival Street segment: design and complete a streetscape enhancement plan for Callow Avenue (1st Street to 13th Street)	Roadway
103	2020	Charleston Areawide Planning Report	Wycoff Avenue Streetscape: design and complete a streetscape enhancement plan for Wycoff Avenue (6th Street to 11th Street)	Roadway
104	2020	Eastside Village Subarea Plan	Juniper Street (Hemlock St to Cherry Ave) frontage improvements: new street	Roadway
105	2020	Sheridan/Harris Center Final EIS	Recommendations for all Neighborhood Streets	Roadway

Joint Compatibility Transportation Plan - Project Inventory List

Number	Year	Study	Project Description	Type of Improvement
106	2020	Sheridan/Harris Center Final EIS	Campbell (Clare Ave to Lower Wheaton Way) is to be a multi-modal right of way allowing only low speed vehicle access with additional green infrastructure	Roadway
107	2021	SR 303 Corridor Study	Replace two-way left-turn lane (TWLTL) with 3' – 5' wide median with breaks at intersections. Provide a median break for southbound left-turn at Old East Bremerton High School entrance. Provide southbound u-turn at Sheridan Road. Provide northbound and southbound u-turns at Sylvan Way. Provide low-maintenance landscape or hardscape buffer between curb and sidewalk at various locations	Roadway
108	2021	SR 303 Corridor Study	Replace two-way left-turn lane (TWLTL) with 3' – 5' wide median with breaks at intersections. Provide median break for northbound left-turn south of NE Riddell Road. Provide northbound and southbound u-turns at Hollis Street	Roadway
109	2021	SR 303 Corridor Study	Remove center median between Burwell Street and 5th Street and replace with c-curb. Install pedestrian crossing treatment at 4th Street and 5th Street. Extend northbound left-turn lane at 6th Street	Roadway
110	2021	SR 303 Corridor Study	Close 18th Street southbound ramp access. Extend northbound left-turn lane storage at 16th Street to 275 feet. Underground utilities that would otherwise be obstructions in the sidewalks. Complete sidewalk connection from south end of Warren Ave Bridge to existing sidewalk south of 18th Street. Widen sidewalk to 10' on west side of SR 303 between 13th Street and Warren Avenue Bridge. Relocate northbound and southbound bus stops closer to 13th Street intersection	Roadway
111	2021-2026	Bremerton TIP	Werner Road - Signal Improvements and Widening	Roadway
112	2021-2026	Bremerton TIP	West Kitsap Way Reconstruction/Rechannelization - roadway reconstruction including multimodal, roundabout at Northlake Way, and potential park and ride at NAD park	Roadway
113	2021-2026	Bremerton TIP	Area B Collector Road - new roadway west of SR 3 at Cross PSCI-intersections	Roadway
114	2020	Bremerton Strategic Road Safety Plan	Burwell St Adaptive Signal System (Callow Ave to Washington Ave)	Signal Systems
115	2016	Kitsap Transit Long Range Transit Plan	West Bremerton Transit Center	Transit (Bus)
116	2016	Kitsap Transit Long Range Transit Plan	Bremerton Transportation Center upgrade/retrofit	Transit (Bus)
117	2016	Kitsap Transit Long Range Transit Plan	Bremerton Puget Sound Industrial Area park and ride	Transit (Bus)
118	2020	Eastside Village Subarea Plan	Callahan Drive (Wheaton Way to Cherry Ave) frontage improvements: transit (signature)	Transit (Bus)
119	2020	Eastside Village Subarea Plan	Cherry Avenue frontage improvements: transit (neighborhood)	Transit (Bus)
120	2021	SR 303 Corridor Study	Construct northbound business access and transit (BAT) lane from 500' south of the Callahan Drive intersection to Sylvan Way (ultimately extends north to Hollis Street). Construct a 6' wide low-maintenance landscape or hardscape buffer between curb and sidewalk and widen sidewalks to 10' on both sides of SR 303. Underground utilities that would otherwise be obstructions in the sidewalks	Transit (Bus)
121	2021	SR 303 Corridor Study	Construct northbound business and access transit (BAT) lane from Sylvan Way to Hollis Street where it terminates as a right-turn only lane. Construct a 6' wide low-maintenance landscape or hardscape buffer between curb and sidewalk and widen sidewalks to 10' on both sides of SR 303. Underground utilities that would otherwise be obstructions in the sidewalks	Transit (Bus)
122	2040	WSF Long Range Plan	Terminal operational efficiency enhancements: the new Colman Dock Multimodal Terminal will include more bike and pedestrian connections. When preservation projects are completed, WSF should explore new ways to incorporate operational efficiencies and opportunities to encourage mode shift to transit, walking and biking at the Bremerton terminal.	Transit (Ferries)
123	2040	WSF Long Range Plan	this route has not reached Tier 1 Level of Service overall but experiences periods of high demand on summer and holiday weekends. WSF could consider offering reservations only for these high-demand periods. Focusing on weekends would also alleviate long lines with high volumes of recreational traffic.	Transit (Ferries)
124	2020	Charleston Areawide Planning Report	Open Space and Recreation: Forest Edge along Kitsap Way	Urban Design
125	2020	Charleston Areawide Planning Report	Open Space and Recreation: Charleston Triangle Pocket Park	Urban Design
126	2020	Charleston Areawide Planning Report	Open Space and Recreation: Bremerton Gateway Enhancements	Urban Design
127	2020	Charleston Areawide Planning Report	Open Space and Recreation: Artist Tunnel	Urban Design
128	2020	Charleston Areawide Planning Report	Signage and Wayfinding	Urban Design
129	2020	Eastside Village Subarea Plan	Hemlock Street frontage improvements (neighborhood)	Urban Design
130	2020	Eastside Village Subarea Plan	Hickory Street frontage improvements (neighborhood)	Urban Design

Joint Compatibility Transportation Plan - Project Inventory List

Number	Year	Study	Project Description	Type of Improvement
131	2020	Sheridan/Harris Center Final EIS	New park with ped/bike commercial amenities and stormwater treatment	Urban Design
132	2020	Sheridan/Harris Center Final EIS	Improve commercial frontage, public works access, and allow for shoreline viewing where feasible from ROW or park	Urban Design
133	2020	Sheridan/Harris Center Final EIS	Signature corners with highly visible pedestrian traffic	Urban Design
134	2020	Sheridan/Harris Center Final EIS	Signature corners with highly visible pedestrian traffic	Urban Design
135	2021-2026	Bremerton TIP	Bridge to Bridge Trail Wayfinding	Urban Design
136	2021-2026	Bremerton TIP	Repair Downtown Street Standard Banner Supports	Urban Design
Projects Not Shown on Map				
137	2017	Bremerton Parking Study	Improve opportunities for pedestrian and bicycle access to Downtown and major employment areas to alleviate parking demand.	Active Transportation
138	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Add or enhance pedestrian and bicycle facilities between Bremerton and Gorst	Active Transportation
139	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Add or enhance pedestrian and bicycle facilities between Bremerton and Port Orchard	Active Transportation
140	2021-2026	Bremerton TIP	Green Standard Pedestrian Improvements - placeholder for annual project (green = facilities on both sides of street)	Active Transportation
141	2021-2026	Bremerton TIP	Green Standard Bicycle Improvements - placeholder for annual project (green = facilities on both sides of street)	Active Transportation
142	2021-2026	Bremerton TIP	Yellow Standard Pedestrian Improvements - placeholder for annual project (yellow = facilities on one side of street)	Active Transportation
143	2021-2026	Bremerton TIP	Yellow Standard Bicycle Improvements - placeholder for annual project (yellow = facilities on one side of street)	Active Transportation
144	2021-2026	Bremerton TIP	North/South Corridor Bike/Ped Backbone Improvements	Active Transportation
145	2021-2026	Bremerton TIP	State Street Pedestrian Corridor Improvement - scope to be defined by JCTP	Active Transportation
146	2021-2026	Bremerton TIP	Trails-12 miles of trails	Active Transportation
147	2017	Bremerton Parking Study	Prioritize certain parking areas for residents, customers, and employees and manage accordingly	Parking
148	2017	Bremerton Parking Study	Reestablish the City parking committee and develop a working group with representatives from NBK, the Shipyard, Washington State Ferries, Kitsap Transit, and others.	Parking
149	2017	Bremerton Parking Study	Create a new position in the City of Bremerton to manage the parking system in Bremerton including monitoring, policy, maintenance, and operations.	Parking
150	2017	Bremerton Parking Study	Work with Kitsap Transit to ensure parking locations and transit routing work well with the Bremerton parking system and commuter needs.	Parking
151	2017	Bremerton Parking Study	Charge for on-street parking in parts of Downtown to discourage the "Bremerton Shuffle" and increase access for visitor parking (in addition to the 10-hour paid spaces).	Parking
152	2017	Bremerton Parking Study	Eliminate 10-hour parking Downtown and convert to short-term visitor parking.	Parking
153	2017	Bremerton Parking Study	Discourage new employee and commuter parking facilities in Downtown unless to serve businesses in the Downtown Subarea Planning Boundary.	Parking
154	2017	Bremerton Parking Study	Prohibit the re-parking of vehicles throughout specific areas of Downtown.	Parking
155	2017	Bremerton Parking Study	Require loading vehicle permits.	Parking
156	2017	Bremerton Parking Study	Encourage shared parking for off-street facilities to take advantage of any underutilized parking.	Parking
157	2017	Bremerton Parking Study	Work with the Naval Base and Shipyard to require more long-term on-site parking.	Parking
158	2017	Bremerton Parking Study	Purchase a License Plate Reader (LPR) unit for use by parking enforcement throughout the City.	Parking
159	2017	Bremerton Parking Study	Increase parking violation fines and consequences.	Parking
160	2017	Bremerton Parking Study	Establish defined residential parking zones and standardize the parking restrictions within each zone.	Parking
161	2017	Bremerton Parking Study	Implement a residential-only permit system in residential neighborhoods mostly heavily impacted by employee and commuter parking.	Parking
162	2017	Bremerton Parking Study	Allow employees to purchase on-street permits and invest a portion of the proceeds back into the residential neighborhood.	Parking
163	2017	Bremerton Parking Study	Develop an overflow parking plan for occasional special events.	Parking
164	2007	Bremerton Non-Motorized Plan	Citywide bicycle wayfinding signage plan - develop a citywide bicycle wayfinding signage plan identifying: appropriate locations for signs, destinations to be highlighted on each sign, and approximate distance and riding time to each destination	Policy

Joint Compatibility Transportation Plan - Project Inventory List

Number	Year	Study	Project Description	Type of Improvement
165	2007	Bremerton Non-Motorized Plan	Bremerton Transportation Center Bicycle/Pedestrian Sub-Area Plan - develop a sub-area plan addressing bicycle/pedestrian circulation needs in and around the Bremerton Transportation Center	Policy
166	2007	Bremerton Non-Motorized Plan	Municipal Code Bicycling Parking Requirements Update - update Bremerton Municipal Code to establish bicycle parking requirements for individual land uses, and establish bicycle parking facility design requirements	Policy
167	2018	SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study	Develop a plan to address resiliency and redundancy, including identifying gaps in the network	Policy
168	2020	Bremerton Strategic Road Safety Plan	Citywide: Systemic Roadway Departure Safety Treatments. Paved shoulders and rumble strips on Belfair Valley Rd, fixed object treatments, utility pole delineation, utility pole clear zone agreements	Roadway
169	2021	SR 303 Corridor Study	Develop a corridor schematic from Burwell Street to NE Riddell Road using updated survey data	Roadway
170	2021-2026	Bremerton TIP	Local Access Projects - 5.64 miles of local access road	Roadway
171	2021-2026	Bremerton TIP	East/West Corridor Diet (6th or 11th or Couplet) - scope to be defined by JCTP	Roadway
172	2021-2026	Bremerton TIP	PSNS Main Entrance - scope to be defined by JCTP	Roadway
173	2020	Citywide Transportation Concurrency	Additional operations and safety improvements may be achieved through implementation of adaptive signal control on one or more congested signalized corridors.	Signal Systems
174	2021-2026	Bremerton TIP	Intelligent Transportation Systems (ITS) Program - priority to be determined by JCTP	Signal Systems
175	2016	Kitsap Transit Long Range Transit Plan	Capitalized facilities including transit centers, park and rides, maintenance buildings, operations bases and administrative offices	Transit (Bus)
176	2016	Kitsap Transit Long Range Transit Plan	Bus Rapid Transit implementation	Transit (Bus)
177	2021	SR 303 Corridor Study	Convert northbound approach at Burwell Street to right-in right-out (RIRO). TSP and updated traffic signal equipment for active traffic management options at Burwell Street, 6th Street, 11th Street, 13th Street, 16th Street, Sheridan Road, Sylvan Way, E Broad Street, Hollis Street, and NE Riddell Road.	Transit (Bus)
178	2016	Kitsap Transit Long Range Transit Plan	Passenger Only Fast Ferry	Transit (Ferries)
179	2016	Kitsap Transit Long Range Transit Plan	Ferry dock improvements	Transit (Ferries)
180	2013	Kitsap County Non-Motorized Facility Plan		
181	2015	Joint Land Use Study		

Appendix B
Community Sounding Board Meeting
Presentations





Joint Compatibility Transportation Plan

**Community Sounding Board Meeting #1
01/28/21**

Agenda

- Welcome and introductions
- Project overview and goals
- Roles & Responsibilities
- Workplan
- Public Survey
- Closing

Introductions

- Name
- Jurisdiction, agency, affiliation, company
- What transportation improvement in Bremerton do you feel needs the most attention and what would you do if there were no constraints?

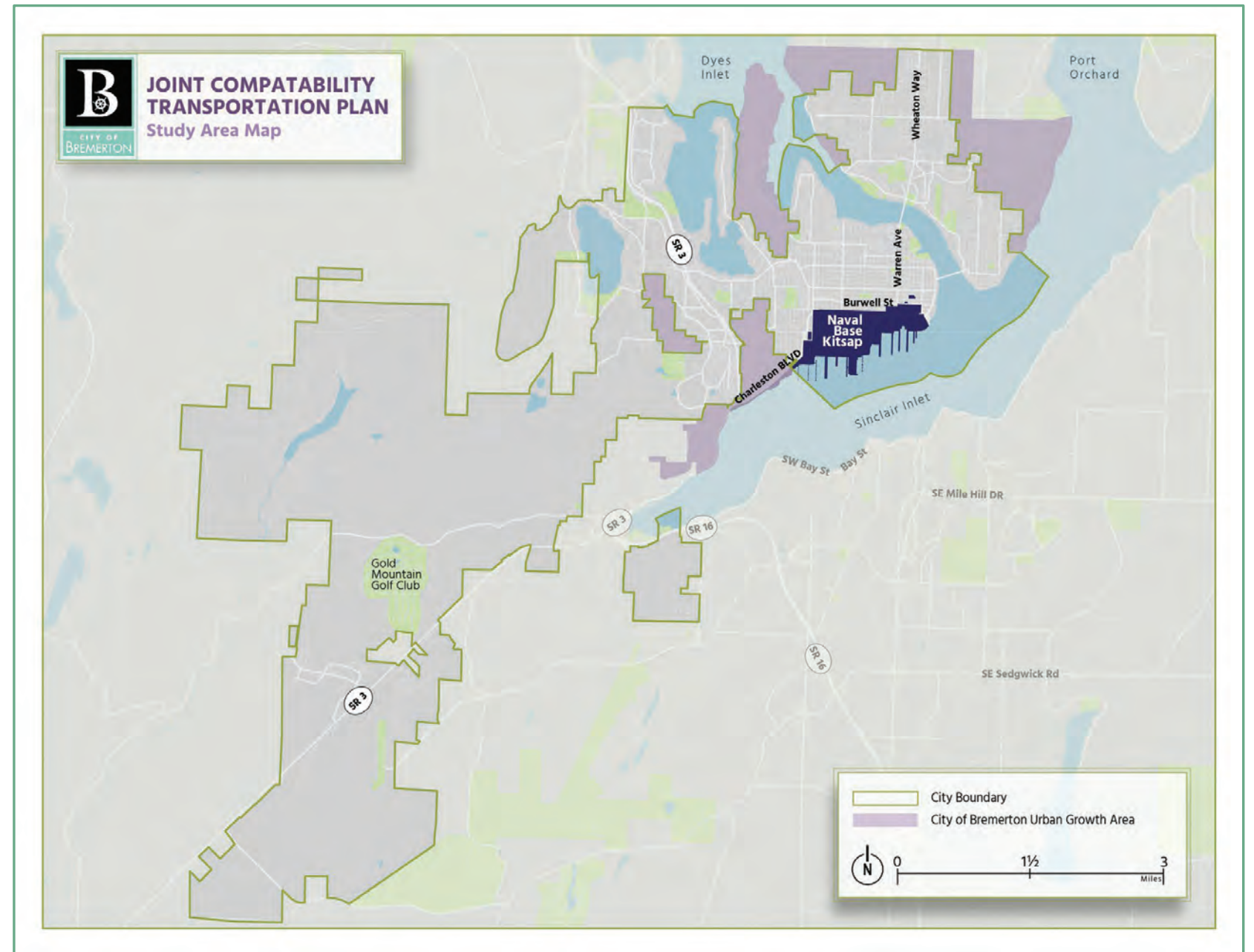
Project Overview

Bremerton has unique traffic and parking issues due to Naval Base Kitsap - Bremerton (NBK-BR), such as:

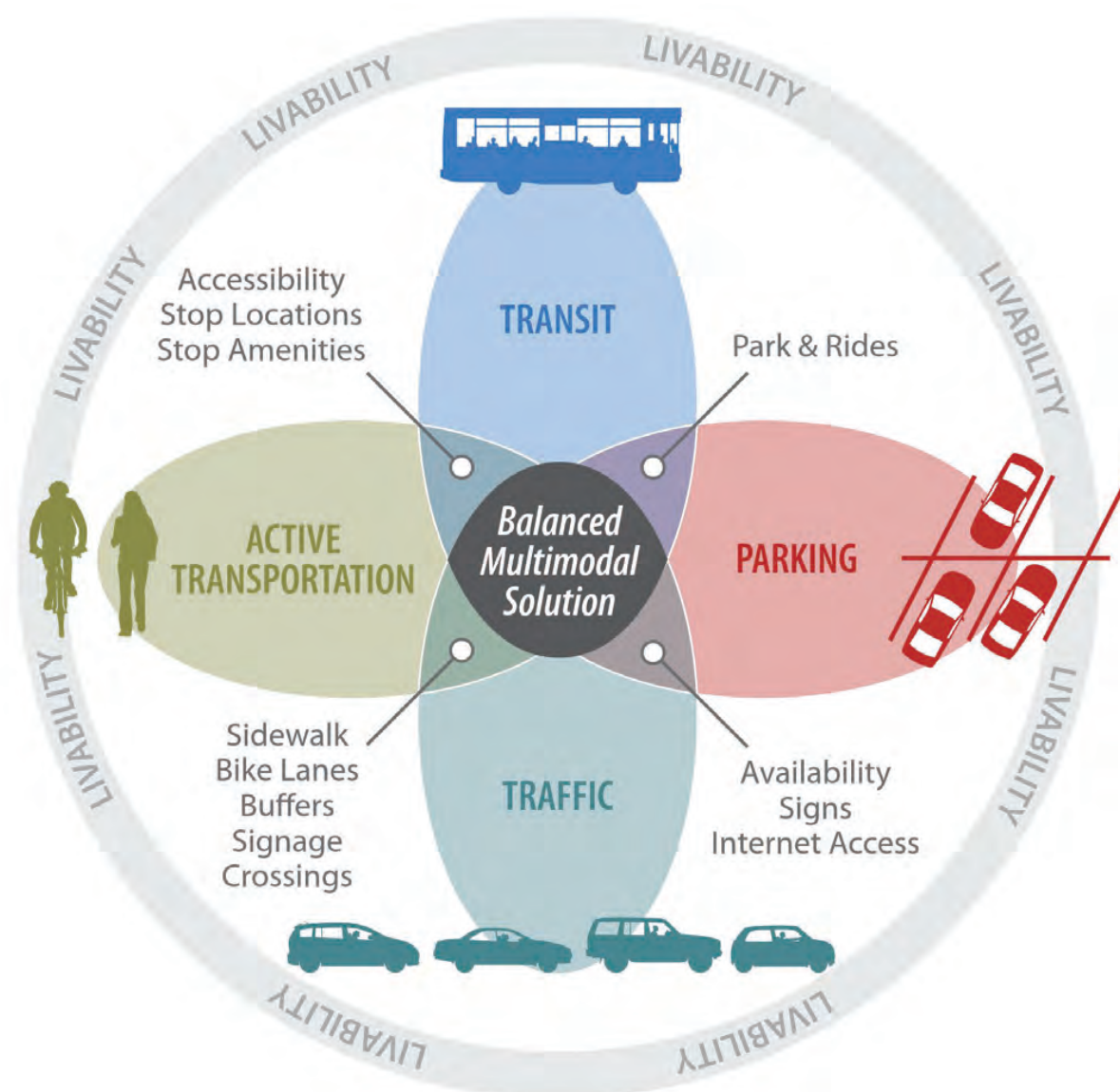
- traffic surges at shift changes
- limited parking both inside and outside fence line
- older infrastructure that is car focused
- forecasted population growth

City and NBK-BR are partnering through a DOD grant to create a plan that will address these challenges

- \$750,000 grant
- 18 month study period



Project Goals



- Examine existing and future need for all transportation modes serving NBK-BR
- Develop solutions to resolve deficits
- Evaluate options to mitigate transportation and parking demands
- Develop a prioritized implementation plan

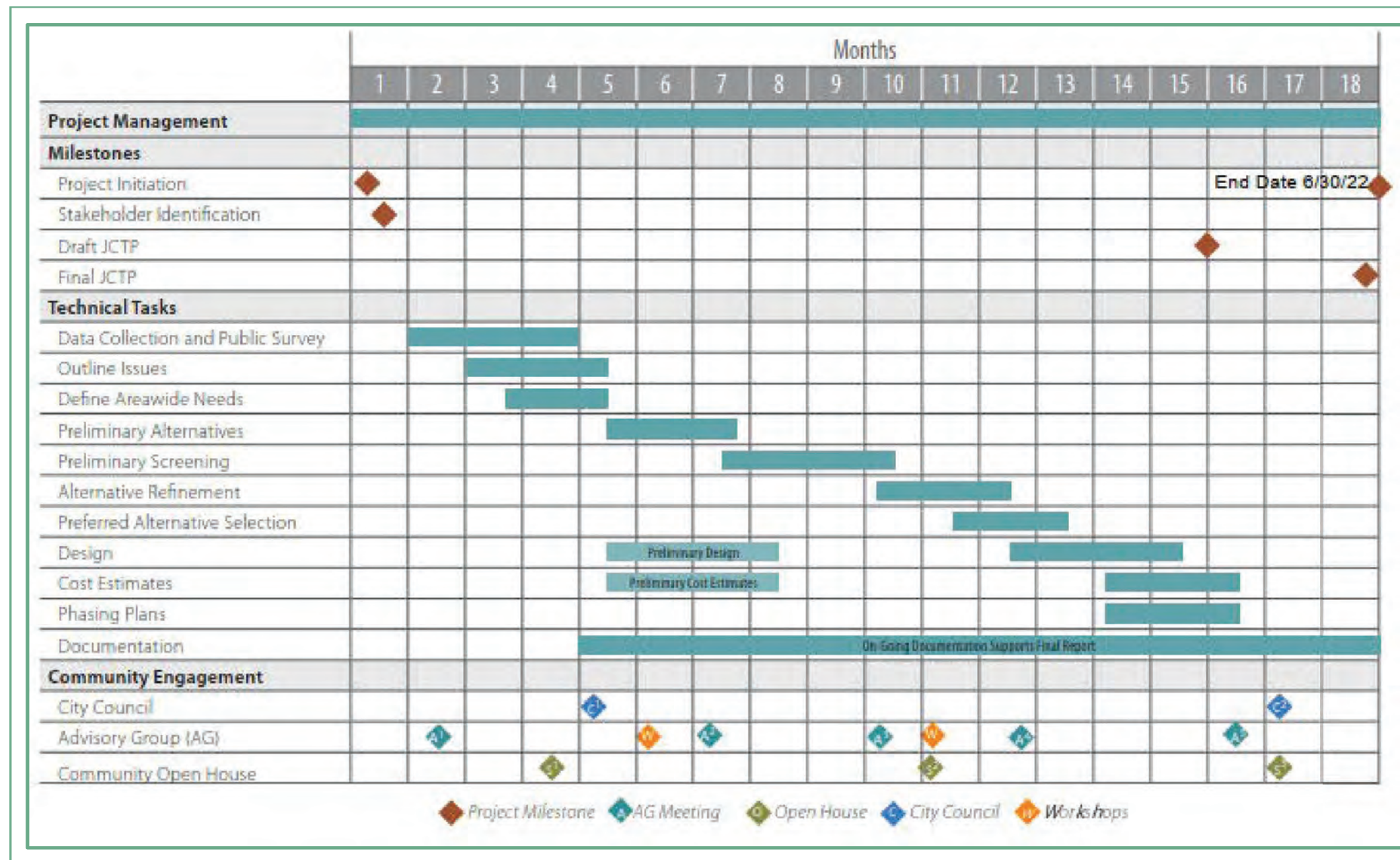
Project Team Roles and Responsibilities

- Provide background materials, data, and gather community input
- Facilitate discussion that leads to solutions for issues identified by the Community Sounding Board
- Provide the right staff at Community Sounding Board meetings to address questions and provide information
- Consider Community Sounding Board input when developing solutions
- Report back to Community Sounding Board on how the project team considered and addressed their input

CSB Member Roles and Responsibilities

- Represent the interests of the public through continued participation and attendance at the CSB meetings
- Reach out to constituency to express their opinions and to share project progress
- Respect all CSB team members and work toward overall consent on project direction
- Respect differing needs and priorities while seeking to find common ground
- Provide strategic advice on project needs, strategies, context, alternatives, and outcomes
- Represent your agency and keep your agency informed and engaged throughout study process

Workplan



Community Engagement

Meeting	Date	Agenda
CSB 1	1/28/2021	Introductions, schedule, concurrence, survey
Open House	2/9/2021	Define project and request public input
Workshop #1	5/25/2021	Define preliminary projects
CSB 2	6/10/2021	Outline issues, discuss screening, draft needs, preliminary project list, survey results, open house comments
CSB 3	8/12/2021	Share screening results, discuss refinements, open to discuss additional projects
Open House 2	8/24/2021	Share potential alternatives and request input
Workshop #2	9/7/2021	Refine projects, phasing, prioritization
CSB 4	12/2/2021	Review findings, consider preferred projects
Open House 3	2/22/2022	Share recommended alternatives and discuss phasing opportunities dependent on funding
CSB 5	3/3/2022	Review preferred projects, cost, phasing

Virtual Open House



Virtual Open House February 9, 2021

Share the date and link

Goals for the open house:

- Inform the public about the project
- Request their thoughts about issues/solutions
- Share the schedule and future meeting times
- Share how they can comment at any time

Public Information Survey

Pre- and post-COVID travels questions

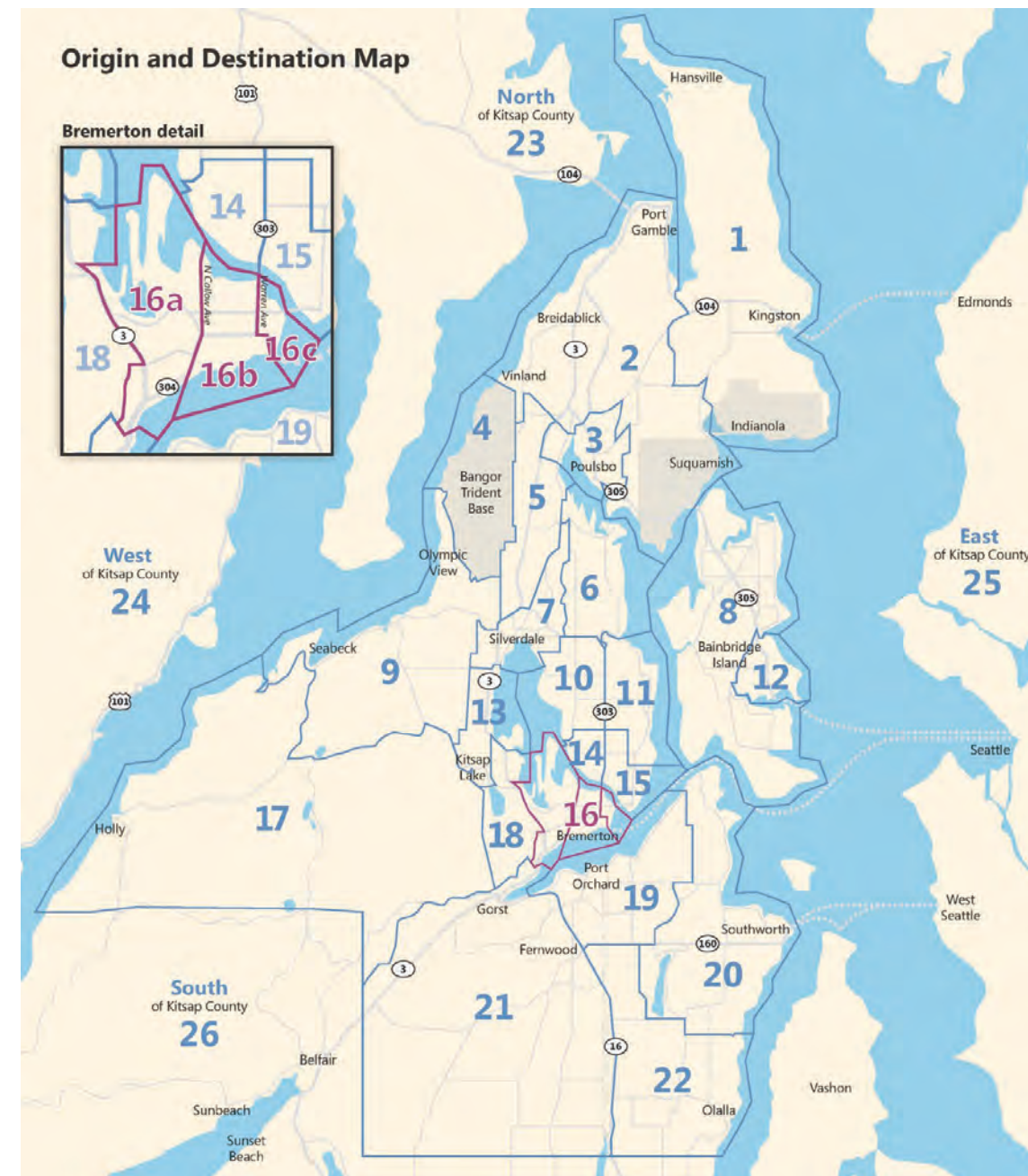
Origins and destinations for work trips

Modes of travel

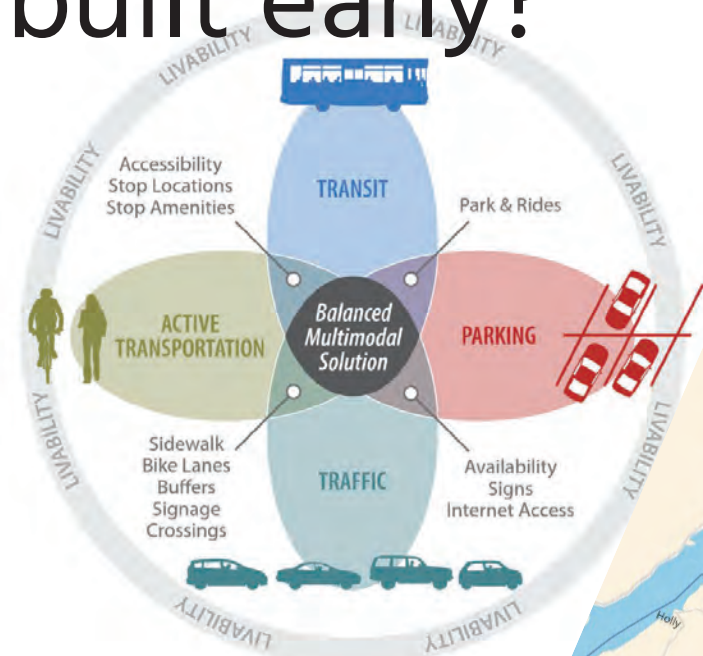
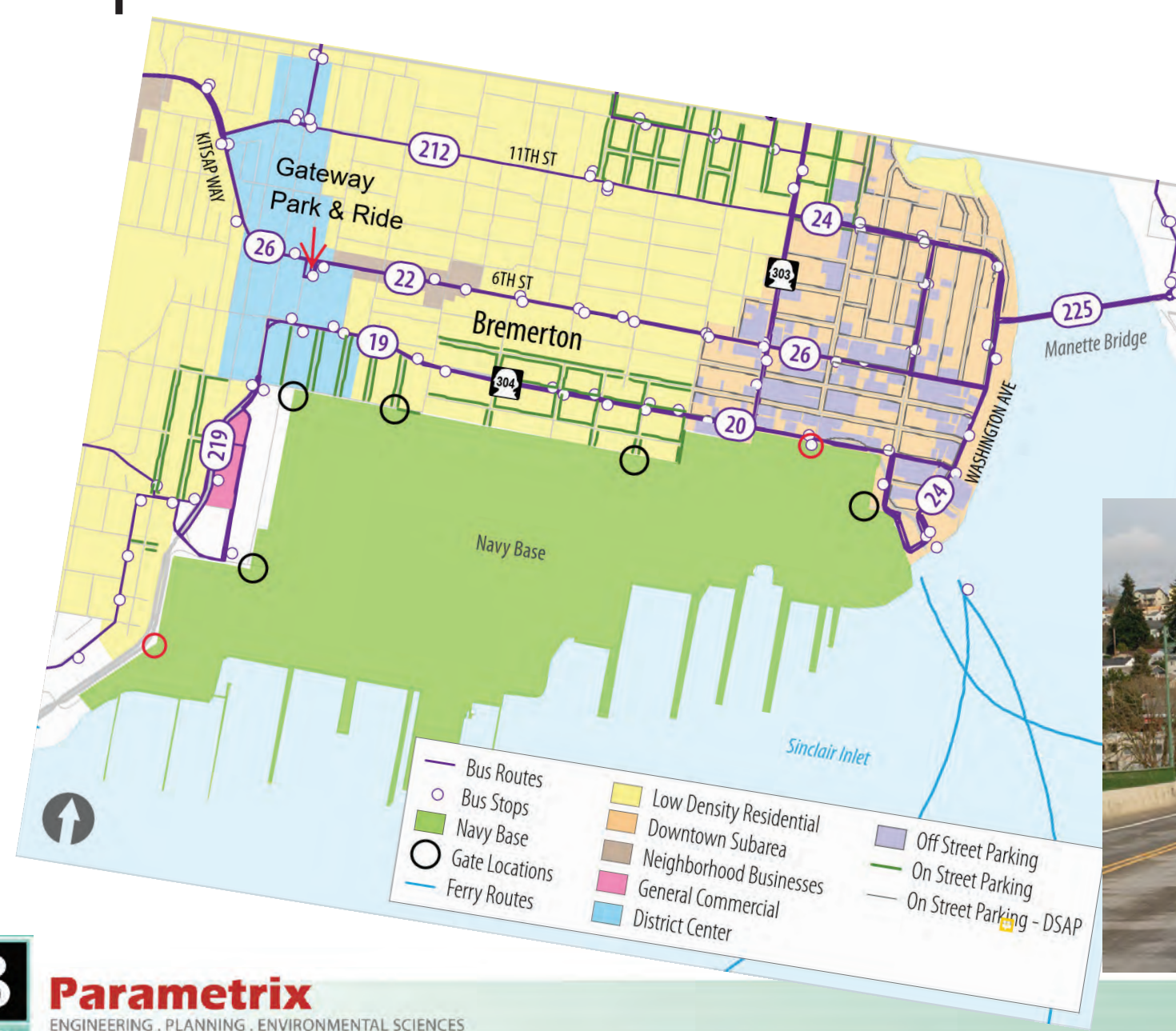
Travel issues

Travel solutions

Demographics



Given what we've shared and what you know: What transportation improvement(s) do you feel would provide the most benefit if built early?





Joint Compatibility Transportation Plan

**Community Sounding Board Meeting #2
06/16/21**

Agenda

1. Project overview/schedule
2. Public information survey results
3. Project analysis and issues
 1. <https://storymaps.arcgis.com/stories/2a7308bb204344f8acc99f94ced7556b>
4. Workshop results
 1. Issues/Ideas
5. Screening approach
 1. Metrics/measures
 2. Pairwise comparison
6. Next steps

Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
New / Expanded Parking			
Add park-and-ride in West Bremerton and establish frequent shuttle service between P&R and NBK-BR			
Added parking outside of downtown with frequent shuttle service			
Add more parking in Port Orchard and increase foot-ferry frequency			
Add capacity to park-and-rides at Sedgewick, Treemont and Mile Hill			<i>Confirm names/locations with Ed Coviello</i>
Partner with Port of Bremerton to provide parking and run shuttles from PSIC			
Park-and-Ride near SR 3/Kitsap Way interchange			
Park-and-Ride near SR 3/Loxie Eagans interchange (West Hills)			
Add park-and-ride locations outside of Downtown	Congestion in Downtown		
Park-and-Ride near downtown similar to Gateway			
Park-and-Ride at Port			
Park-and-Ride in Port Orchard			
Expand parking through public/private partnerships. New downtown parking should be mixed-use with active street-level uses.	Street-level parking does not contribute to a vibrant and walkable Downtown		

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Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Capacity Projects: changes in lanes, signals, intersection control, etc			
Fix the SR 3 / 310 interchange; update signals or replace with RABs		Kitsap way alternative	
Improve SR 3/ Loxie Eagan interchange (poor pedestrian environment + signal/stops signs work poorly together)			
Design Washington Avenue/Manette Bridge RAB to accommodate/forward compatible 2050 growth	Congestion / queuing		
Replace signals with RABs in downtown	Congestion / queuing		
Access management on Kitsap Way between Corbett and Oyster Bay			<i>Parametrix idea</i>
Add westbound lane on Kitsap Way at Marine Drive, and drop into double left @ National			<i>Parametrix idea</i>
Add transit lane along Kitsap Way (westbound 11th to SR 3)			<i>Parametrix idea</i>
Improve intersection operations at Naval/Burwell, includes proposed Naval Ave road diet			<i>Parametrix idea</i>
Add a roundabout at Burwell/Naval Ave and other locations near the Base	Congestion / queuing		
Reconfigure Callow/Burwell intersection to better serve primary movements / reduce congestion	Congestion / queuing		<i>Look at ideas such as seperated movements (intersection of</i>
Build road/ramps directly from SR 3 to Charleston Gate	Congestion / queuing		
Add capacity on SR 3, especially in southbound direction			
Build a bypass to PSIC			
Add capacity at SR 3/SR 304 interchange			<i>Most recent improvements added lane to SR 3 and took lane away from SR 304: crashes at meraes causina delays</i>
Reversible lane of SR 3			
HOV lane along SR 304			
Dedicated transit lane along Kitsap Way			
Dedicated transit lane through Gorst (must be paired with enforcement)			
BAT lanes or dedicated center lanes along future BRT corridors			
Pedestrian scrambles near the State St, Burwell, and Bremerton gates	Difficult crossing		
Add LPI to all signals	Difficult crossing		
Dedicated transit road from SR 3 to downtown			
Opticom at every signalized intersection to allow for transit to pre-empt			
Evaluate road diets on 6th St and 11th St to provide bike facilities.	Uncomfortable biking environment		
Ramp metering	Congestion / queuing	TSMO / ATM	
Traffic Management Center	Congestion / queuing	TSMO / ATM	
Variable message signs	Congestion / queuing	TSMO / ATM	
Incident response on SR 3			<i>Required already;</i>
Build projects proposed in SR 303 study			
Roadway improvements to get employees out of NBK and onto SR 3 SB			
Signalize intersections near potential Park-and-Rides			

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Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Projects on Base			
Move some Naval operations (e.g. NEX) to Bangor	Congestion / queuing		
Stagger shipyard shifts, especially with ferry arrivals	Congestion / queuing	TDM	
Improve gate progression to decrease queuing in the AM peak	Congestion / queuing		
Move gates further into the Base to reduce queuing on City streets	Congestion / queuing		
Add commuter parking on Base			
More parking at NBK-BR			
Add parking at NBK	Demand for parking exceeds supply at NBK		
Enhance access to NBK from the West to reduce congestion in Downtown	Congestion in Downtown		

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Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Transit Service / Frequency			
Run KT bus service into the Base			<i>This occurred prior to 9-11</i>
Concentrate Worker/Driver routes along main corridors			
Ferry service from West Seattle			
Change Worker/Driver to pick up and drop off at same point to accommodate non-NBK employees			
Dedicated transit for uniformed NBK employees			
More bus routes to the shipyard			
Microtransit to main corridors that have frequent/BRT routes			
Shuttle service between P&Rs and downtown Bremerton (regular bus route with high frequency)			
Downtown circulator bus			
Ferry to/from Gorst or Port Orchard			
Partner with Port Orchard to incentivize foot-ferry ridership			
Commuter boats to cross Port Washington Narrows (examples from Thailand or Chicago)			
Change to minimum usage for Worker/Driver program			
More driver for KT to increase frequency			
Cover more shift times with bus and/or Worker/Driver			
2 early morning buses			
Expand vanpool program			
Switch Worker/Driver buses to vans, change frequency to more than once each direction			
Worker/Driver late bus (similar to sports team buses) or on-call shuttle			
Larger ferries or more frequency for fast ferry routes (particularly Anapolis FF)			

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Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Active Transportation			
Consider a mobility hub at the Gateway P&R for first/last mile connections.			
Pedestrian overpass to Charleston gate			
Active transportation improvements at existing Park-and-Rides (pedestrian/ADA improvements, convenient/safe/well lit facilities)			
Create more bike lanes; remove sharrows			
Improve pedestrian conditions in the downtown core	Pedestrian Safety		
Add reasonably spaced pedestrian crossings	Safety		<i>Similar to SDOT and other cities; need to consider complimentary actions</i>
Ped bridge from Port Orchard			
Grade separated crossing on Charleston Blvd. (Charleston Beach Rd? Ferragut St?)	Difficult crossing	Charleston Blvd	
At grade crossing enhancements at Charleston Blvd & Charleston Beach Rd	Difficult crossing and faded paint.	Charleston Blvd	
At grade crossing enhancements at Charleston Blvd & Farragut St (e.g. high visibility crosswalks and other safety updates)	Difficult crossing and faded paint.	Charleston Blvd	<i>F&P idea - not raised during Workshop 1</i>
Stripe the crosswalk at Charleston Blvd & Rodgers St by the bus stop.	Difficult crossing	Charleston Blvd	<i>F&P idea - not raised during Workshop 1</i>
Grade separated crossing on State St	Difficult crossing		
Gondola from Port Orchard to Bremerton.	Congestion		
Off-street trail from Gorst to downtown Bremerton.	Uncomfortable biking environment		
Establish a safe E/W walking route along the north perimeter of the base	Uncomfortable walking environment		<i>(Burwell St to Chester Ave to 1st St to Charleston Blvd), including wayfinding</i>
Upgrade pedestrian facilities in the vicinity of the State St gate to establish a safe, comfortable walking route to the Base.	Uncomfortable walking environment		<i>(e.g. widen and repair sidewalks, remove obstructions, etc.)</i>
Upgrade pedestrian facilities on Montgomery Ave from 6th St to 1st St to establish a safe, comfortable walking route from the Gateway P&R to the Base.	Obstacles in sidewalks (light poles, etc.)		<i>(e.g. widen and repair sidewalks, remove obstructions, etc.)</i>
Inventory sidewalk obstructions/disrepair/ADA issues throughout downtown and identify priority locations for upgrades.	Obstacles in sidewalks (light poles, etc.)		
Install bike locker parking outside (and/or inside) the State Street, Burwell, and Bremerton gates. Naval and Charleston would also benefit from bike parking, but are less of a priority due to lower pedestrian traffic.	Barrier to biking		
Explore pedestrian/bike upgrades near the Charleston gate to incentivize their use.	Uncomfortable walking and biking environment		<i>Need to know more to flesh out this idea</i>
Extend the planned bike facilities to provide bike access to the Charleston, Montgomery, Naval, and State gates.	Uncomfortable biking environment		<i>Planned facilities stop around Burwell</i>
Develop a biking map of downtown Bremerton, including how to access/navigate the Base by bike.	Barrier to biking		<i>F&P idea - not raised during Workshop 1</i>
Evaluate what planned bike facilities can be upgraded to provide more comfort (e.g. bike lane instead of sharrows, protected bike lane instead of bike lane, etc.). Do this with an eye for establishing continuous networks without gaps. (e.g. requests for providing more protection on Burwell, Warren, and 1st)	Uncomfortable biking environment		

Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Implement bike/ped improvements proposed for the SR 303 Study. Need better N/S connection for cyclists in the vicinity of Warren Ave.	Uncomfortable biking environment		
Upgrade Kitsap Way to be more comfortable for people walking and biking. This includes adding new crossings, upgrading existing crossings, and adding protected bike lanes.	Crossings are too far apart, which makes accessing bus stops challenging, bike facilities don't have enough protection, and there were		
Upgrade Charleston Blvd to be more comfortable for people walking and biking. This includes adding new crossings, upgrading existing crossings, and adding protected bike lanes.	Crossings are too far apart and bike facilities don't have enough protection. People walk to the base from the residential areas to the west	Charleston Blvd	
Add/upgrade sidewalks in the neighborhood west of Charleston Blvd.	Uncomfortable walking environment		<i>A lot of people are moving to this area and not many safe sidewalks.</i>
Evaluate safety enhancements at the site of the pedestrian fatality near the north side of the Base.	Pedestrian safety		
Remove the proposed sharrow west of Charleston Blvd - it is not feasible given terrain and cost.			
Provide safety enhancements at 1st & Callow, which is a dangerous crossing.	Difficult Crossing	Charleston Blvd	<i>People get stranded in the median. There have been some ped accidents.</i>
Add crossings west of State on Burwell - there are a few intersections where it's indicated that people are not allowed to cross.	Difficult crossing / long block lengths		

DRAFT

Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Education / Marketing			
Launch an education/marketing campaign to make sure people in Bremerton and on the Base know about what options are available to them already – where is bike storage, how do the worker-driver buses work, you can bike through the base, etc	Barrier to biking, walking, and taking transit	Education	
Increase communication and marketing for vanpools		Education	
Education on worker/driver program (guaranteed ride home, easy to change routes, real time tracking app)		Education	
Joint marketing campaign for City or KT - education on the fact that non-NBK employees can also use the worker/driver program		Education	
Education to increase NBK worker base commuting from Seattle (reverse commute)		Education	
Parking education program about transportation and parking options		Education	

DRAFT

Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Parking Management / Policy			
Require contractors to park at a Park-and-Ride location outside of Downtown with frequent transit service to work	Contractors do not have access to parking at NBK		
Revisit on-street parking management strategies including permit programs and paid parking in Downtown	Bremerton Shuffle and commuter parking in residential neighborhoods		
Establish a transportation management association			
Restrict new parking in Downtown (i.e. commuter parking)	Commuter parking impacts on Downtown		
Identify priority users for parking (i.e. commuters vs. residents/businesses)	Commuter parking impacts in Downtown and residential neighborhoods		
Increase parking violation fines	Lack of compliance with parking management regulations impact Downtown and residential		
Parking cash-out for new development (including a policy change to reduce parking)			
Prioritize rideshare and vanpool stalls in existing facilities	Traffic congestion in Downtown		
Repurpose parking lots for other travel modes			
Commuter permits for City-owned facilities			

DRAFT

Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Programs/Technologies/Incentives to encourage mode shift			
Maintain Telework options currently available to Base	Congestion / queuing	TDM	
No payment for transit			
Incentives to ride transit			
Reduced fare and regular bus passes. Reduced fare based on income			
Provide incentives for mode shift away from SOV for residents of neighborhoods along SR 303			
Provide free parking for vanpools			
Operate City run rideshare program			
Co-locate worker/driver stops with origins (daycares, schools, etc)			
Affordable on-site daycare			
App similar to OneBusAway			
Improve technology to make the Worker/Driver program more efficient			

DRAFT

Joint Compatibility Transportation Plan - Workshop #1 Preliminary Ideas for Consideration

IDEAS	ISSUE	POSSIBLE ALTERNATIVE GROUPING	NOTES
Other			
Align with other planned projects			
Identify who you're designing for (have solutions meet the needs)			
Keep in mind growth especially through Gorst	Congestion / queuing		
Use the Navy's rail line to move people	Pedestrian Safety		
Reduce posted speeds			
Better enforcement of HOV lanes			
Funnel drivers to desired arterials through design/traffic calming			
Separate truck traffic from GP traffic; provide load/unload zones and restrict time of day			
Enforcement at at-capacity or over-capacity P&Rs			
Make Callow area more liveable - get NBK employees with live near NBK			
Incentivize development with sidewalks and bike lane improvements near developable land			
Keep Worker/Driver system map more up-to-date			
More TOD at P&Rs			
Kayaking from Port Orchard			
Off-board payment for transit			
More shelters at transit stops with lighting			

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Joint Compatibility Transportation Plan

**Community Sounding Board Meeting #3
10/26/21**

Agenda

Welcome

Project overview and goals

Schedule

Alternatives

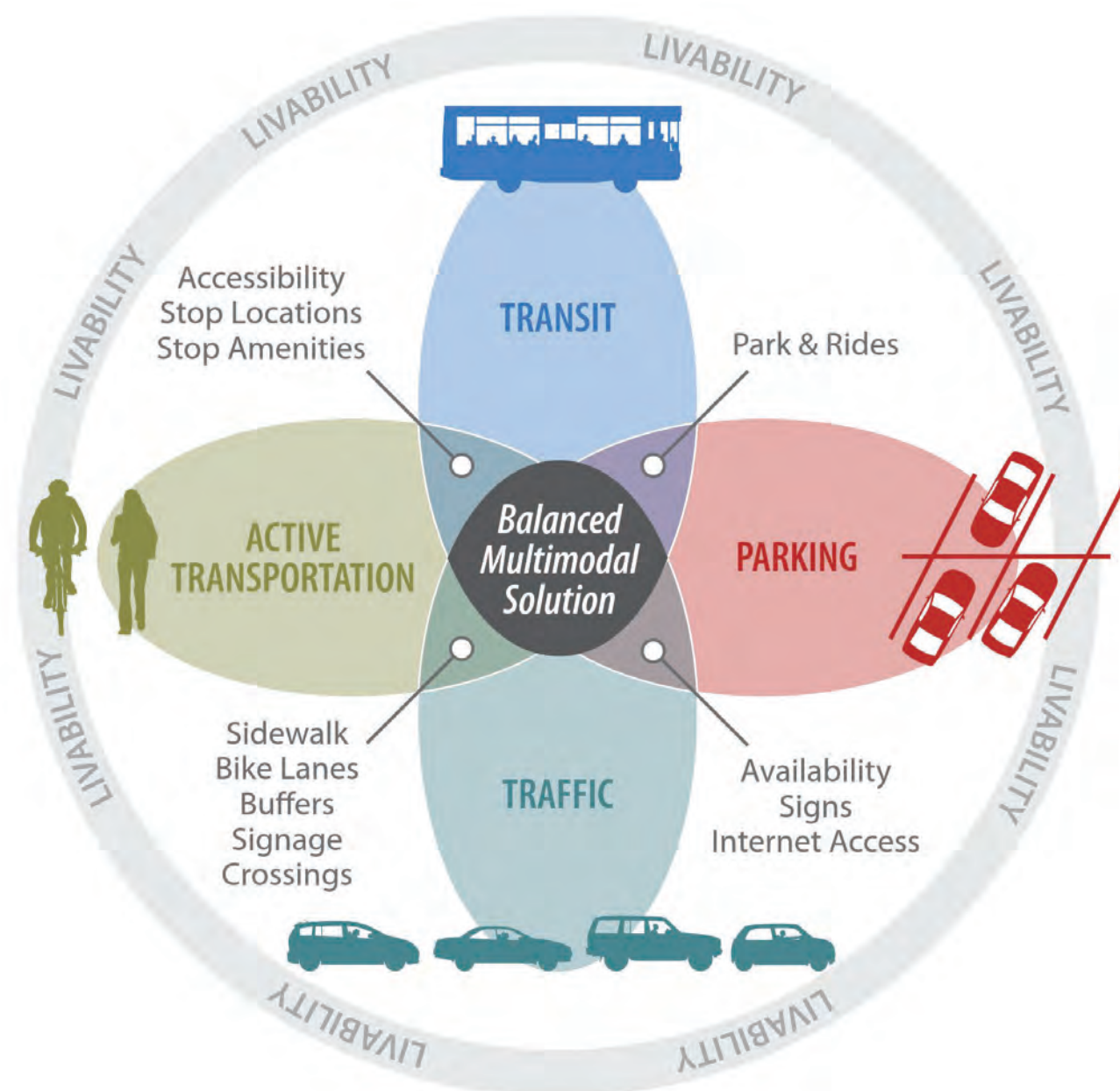
Screening

Next steps

Closing

Project Goals

- Examine existing and future needs for all transportation modes serving NBK-BR
- Develop solutions to resolve deficits
- Evaluate options to mitigate transportation and parking demands
- Develop a prioritized implementation plan



Schedule



Alternatives

- Support current parking
- Relocate parking onto Base
- Relocate parking outside of CBD

Parking Demand Assumptions

DAILY	# of people working on Base	Maximum Parking Demand (# of vehicles)	Parking Supply (# of stalls)	Additional Parking Needed (# of stalls)
#	23,000	14,535	7,460	7,075
Assumptions:	<ul style="list-style-type: none"> All shifts + Two shifts 	<ul style="list-style-type: none"> Day + swing shift only Based on mode split data from public surveys and WSDOT CTR 	<ul style="list-style-type: none"> 6,500 stalls on Base 960 stalls at Building 1105 	<ul style="list-style-type: none"> Assumes spot for every vehicle

PM PEAK HOUR	# of people leaving Base	# of people walking off Base to parking downtown	# of vehicles parked downtown (for people working on Base)	Assumed # of vehicles relocated during Peak Hours
#	8,050	2,090	1,755	1,000
Assumptions:	Assume 35% of Daily # leaves during PM peak	Assumes those who use SOV, Carpool or vanpool only	Based on mode split data from public surveys and WSDOT CTR data for Base	# of vehicles relocated in Relocate Parking and Add Base Parking Alternatives

Traffic Redistribution Assumptions

- Graphic showing traffic redistribution

Alternative Diagrams



Second Level Screening

- Screening Criteria
- Rating
- Final scores

Second Level Screening Criteria

Study Goal Area	Performance Measures	Desired Outcome
<p>Travel Times and Reliability: Improve travel times to/from downtown Bremerton and make them more predictable</p>	<ul style="list-style-type: none"> Travel times and travel time reliability along key corridors in/out of downtown (<i>Kitsap Way, 11th St, 6th St, Burwell St, SR 304 & SR 303</i>) 	<ul style="list-style-type: none"> Reduce travel times (GP and transit) Improve reliability (GP and transit)
<p>Mobility: Increase the transportation system's ability to efficiently move all people and goods</p>	<ul style="list-style-type: none"> Number of people moved during peak periods along key corridors 	<ul style="list-style-type: none"> Increase person throughput
<p>Safety: Improve safety and reduce serious injury and fatal crashes</p>	<ul style="list-style-type: none"> Number of overall crashes Number of serious injury and fatal crashes 	<ul style="list-style-type: none"> Reduce overall crash rates Reduce number of serious injury and fatal crashes

Second Level Screening Criteria


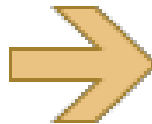
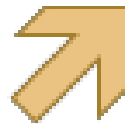
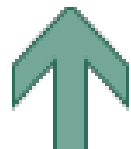
Study Goal Area	Performance Measures	Desired Outcome
<p>Active Transportation: Improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone</p>	<ul style="list-style-type: none"> • Number of people who can walk/bike to NBK-BR or P&Rs under low stress conditions 	<ul style="list-style-type: none"> • Increase the number of people who can walk/bike to NBK-BR or P&Rs
	<ul style="list-style-type: none"> • Number of high-quality travel choices in the study area. 	<ul style="list-style-type: none"> • Improve the number of high-quality travel choices (e.g. additional transit service, multimodal network gap closure, connections between 2 or more modes)
	<ul style="list-style-type: none"> • Safe and comfortable walking and biking options 	<ul style="list-style-type: none"> • Provide a right-of-way enhancement to improve the Bicycle Level of Traffic Stress (LTS) score (e.g. protected bike lane, multi-use path) or a pedestrian enhancement (e.g. sidewalk widening, new sidewalk, sidewalk buffer, more ADA compliant facilities) to improve the pedestrian realm.

Second Level Screening Criteria

Study Goal Area	Performance Measures	Desired Outcome
<p>Parking: Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods.</p>	<ul style="list-style-type: none"> • Parking utilization 	<ul style="list-style-type: none"> • Increase availability of parking or transit options or, • Increase consistency between parking regulations and parking turnover or duration
	<ul style="list-style-type: none"> • Number of parking violations in Downtown and adjacent neighborhoods 	<ul style="list-style-type: none"> • Improve compliance with City parking regulations including time limits and permit zones
	<ul style="list-style-type: none"> • Amount of City parking revenue 	<ul style="list-style-type: none"> • Adequate parking revenue to fund management of the parking system and ensure compliance
	<ul style="list-style-type: none"> • Use of parking enforcement technology 	<ul style="list-style-type: none"> • Increase the use technology to enhance parking enforcement that results in improved access to Downtown and major employers while maintain quality of life in neighborhoods
	<ul style="list-style-type: none"> • Accessibility of parking for shipyard workers 	<ul style="list-style-type: none"> • Increase parking available for shipyard workers in locations that do not increase congestion and impact livability
	<ul style="list-style-type: none"> • Number of vehicles doing the "Bremerton Shuffle" (i.e., the movement of vehicles) 	<ul style="list-style-type: none"> • Decrease in number vehicles being moved to evade time limits

Second Level Screening - Rating

- For each performance measure, improvements scored on the range shown below

			
Make conditions worse compared to 2050 No Build	None/minimal change to conditions compared to 2050 No Build	Project improves conditions compared to 2050 No Build	Project creates even greater improvements compared to 2050 No Build

- Most study goals include more than one performance measure. Individual scores rolled up into one overall score for each study goal.

Second Level Screening Results – Travel Time/Mobility/Safety

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative
		<i>Performance compared to 2050 No Build Alternative</i>		
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel times (GP and transit)	→	→	↗
	Travel Time Reliability (GP and transit)	↓	→	↗
	Average Score	↓	→	↗
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	→	↗	↑
	Person hours of delay - Transit	→	↓	↗
	Average Score	→	↓	↑
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	↑	↑	↗
	Number of serious injury and fatal crashes	↑	↑	↑
	Average Score	↑	↑	↗

Support Parking – Travel Time/Mobility/Safety Results

Study Goal Area	Performance Measures	Support Parking Alternative	Impacts of Proposed Improvements
			<i>Performance compared to 2050 No Build Alternative</i>
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel times (GP and transit)	→	- Travel times in AM peak improve due to RABs on Kitsap Way; NB HOV lane on Charleston;
	Travel Time Reliability (GP and transit)	↓	- Travel times in PM peak hour get worse due to 6th/11th road diet
	Average Score	↓	Travel time reliability improves in AM peak hour; gets significantly worse in PM peak due to 6th/11th road diet
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	→	With minimal changes to volumes in this alternative, impacts to general purpose and transit mobility are similar to those associated with travel time.
	Person hours of delay - Transit	→	
	Average Score	→	Impacts in PM peak hour cancel out improvements in AM Peak hour
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	↑	Road diet on 6th Street and 11th Street provide the largest reduction in overall crashes, and serious injury/fatal crashes. Roundabouts (SR 303, Burwell and Kitsap Way) and adaptive signal timing provide additional crash reductions.
	Number of serious injury and fatal crashes	↑	
	Average Score	↑	Proposed improvements expected to significantly improve safety

Support Parking Alternative: Scores the worst for Travel Times & Reliability / best for Safety

Relocate Parking – Travel Time/Mobility/Safety Results

Study Goal Area	Performance Measures	Relocate Parking Alternative	Impacts of Proposed Improvements
			<i>Performance compared to 2050 No Build Alternative</i>
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel times (GP and transit)	→	* Assumes ~1,000 vehicles park outside downtown and take transit inbound in AM peak / outbound in PM peak * GP and Transit travel times improve on most corridors due to reduced volumes * However, improvements to system travel times outweighed by reduced capacity from 6th/11th road diet in PM peak hour * Improvements to transit system travel time associated with BAT lanes along Kitsap Way and SR 303 are outweighed by impacts from 6th/11th road diet in PM peak hour
	Travel Time Reliability (GP and transit)	→	
	Average Score	→	
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	↗	General purpose mobility improves during the AM and PM peak hour due to reduced general purpose vehicle volumes.
	Person hours of delay - Transit	↓	Transit use expected to increase but bus service/number of stops assumed to remain the same
	Average Score	↓	Without express service, transit mobility will decrease despite increased ridership
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	↑	Road diet on 6th Street and 11th Street provide the largest reduction in overall crashes, and serious injury/fatal crashes. Roundabouts (SR 303) and adaptive signal timing provide additional crash reductions.
	Number of serious injury and fatal crashes	↑	
	Average Score	↑	

Relocate Parking Alternative: Scores the worst for Mobility / best for Safety

Add Base Parking – Travel Time/Mobility/Safety Results

Study Goal Area	Performance Measures	Add Base Parking Alternative	Impacts of Proposed Improvements
			<i>Performance compared to 2050 No Build Alternative</i>
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel times (GP and transit)	↗	* Assumes ~1,000 vehicles park currently parking downtown instead park at Base garage near Charleston Gate * Reduction in approximately 700 vehicles from downtown core during peak hours improves travel times * Maintaining capacity on 6th/11th and adding capacity on Burwell + reductions in volumes improves travel times * Travel time and reliability improvements seen in both AM and PM peak hours
	Travel Time Reliability (GP and transit)	↗	
	Average Score	↗	
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	↑	* Added WB capacity on Kitsap Way (11th to National) has large impact on mobility
	Person hours of delay - Transit	↗	* Full capacity on 6th/11th helps improve mobility
	Average Score	↑	Full capacity on 6th/11th helps improves mobility
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	↗	* Roundabouts (SR 303) and adaptive signal timing result in a reduction of overall crashes and the number of serious injury and fatal crashes.
	Number of serious injury and fatal crashes	↑	
	Average Score	↗	

Add Base Parking Alternative: Scores the best for Travel Time *AND* for Mobility

Results –Travel time/mobility summary

Alternative	Positive	Negative
Support Parking	<ul style="list-style-type: none"> ↑ Roundabouts on Kitsap Way ↑ Roundabouts on Burwell St ↑ NB HOV lane on Charleston Blvd ↑ Added lane on Burwell St ↑ Projects in SR 303 study 	<ul style="list-style-type: none"> ↓ Capacity reductions from 6th/11th St road diet cancels out system wide travel time improvements in PM peak hour ↓ Grade-separated intersection at Callow Ave/Burwell likely not feasible
Relocate Parking	<ul style="list-style-type: none"> ↑ Reduction in downtown volumes ↑ Most signal timing changes ↑ WB BAT lane on Kitsap Way ↑ TSP at signalized intersections ↑ Projects in SR 303 study 	<ul style="list-style-type: none"> ↓ Capacity reductions from 6th/11th St road diet cancels out system wide travel time improvements in PM peak hour
Add Base Parking	<ul style="list-style-type: none"> ↑ Reduction in downtown volumes ↑ WB GP lane on Kitsap Way ↑ Most signal timing changes ↑ NB HOV lane on Charleston Blvd ↑ Added lane on Burwell St ↑ Projects in SR 303 study 	<ul style="list-style-type: none"> ↓ Not feasible to build all parking demand on Base

Second Level Screening Results – Active Transportation

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative
Active Transportation: <i>Improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone.</i>	Number of people who can walk/bike to NBK-BR or P&Rs under low stress conditions	↗	↗	↗
	Number of high-quality travel choices in the study area	↑	↑	↑
	Safe and Comfortable Walking and Biking Options	↑	↑	↑
	Average Score	↗	↗	↗

- **Active transportation projects are essential for safe and efficient connectivity between where people are parking and their final destinations.**
- Active transportation is not a differentiator between alternatives.
- Active transportation projects will be prioritized for the Preferred Alternative.

Second Level Screening Results - Parking

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative
<p>Parking: <i>Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods.</i></p>	Parking utilization	↑	↑	↑
	Parking violations	↑	↑	↑
	City parking revenue	↑	↗	↓
	City parking enforcement	↑	↑	→
	Accessibility to parking for Base workers	↑	↗	↑
	Tracking the "Bremerton Shuffle"	↑	↑	→
	Surface parking/land use impacts	↓	↑	→
	Average Score	↗	↑	→

Second Level Screening Results - Parking

- Criteria focused on commuter parking
- Parking policies are:
 - Driven by City leadership
 - Influence livability
 - Very interchangeable
- Need to consider the desired outcome

Base Accessibility & Livability

	Downtown Livability	Base Accessibility
Goal	Focus is area most affected by operations of NBK-BR and PSNS (<i>south of 11th Street between Charleston Blvd and the Port of Washington Narrows</i>)	For continued NBK-BR and PSNS operations, accessibility to the base and PSNS must be maintained or improved as part of this project
Metrics	<ul style="list-style-type: none"> • Transit mobility • Safety • Active Transportation • Parking • Ability to improve multi-modal connectivity • Efficiency of mobility • Improvement to health 	<ul style="list-style-type: none"> • Travel times • Options for access (bus, bike, walk) • Efficiency of entry points • Simplicity of access • Availability of transportation options for return trip • Efficiency during national emergency

Base Accessibility & Livability

Study Goal Area	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative
<p>Base Accessibility: Improve Base accessibility for NBK-BR workers.</p> <p>Livability: Improve overall livability for Bremerton residents.</p>	<p>→</p> <p>↗</p>	<p>↓</p> <p>↗</p>	<p>→</p> <p>↗</p>

Economic Analysis



What did we learn?

- Roundabouts along Kitsap Way significantly reduce delays and queueing
- Signal timing optimization reduces delay and queues throughout the system
- Road diets on 6th and 11th Street impact mobility even if parking is relocated outside of downtown
- Roundabout at Callow/Burwell likely more feasible than grade separated intersection

What did we learn?

- Building enough parking to meet Base demand isn't feasible
 - 7,100 stall garage = 17 story building
 - For reference: Building 1105 (4th/Park) has 960 parking stalls
- Building more parking in multiple locations outside of downtown is a benefit.

What did we learn?

To be effective, any relocation in parking requires the following:

- Parking policies that strongly encourage change in behavior
- Express Bus service between relocated parking and Base to see benefits
- Safe and connected active transportation system

Reasonable Combinations Whiteboard

- Additional parking outside downtown at multiple locations
- Express bus service / shuttle service
- Capacity improvements on Kitsap Way and Burwell Street
- Road diet on 6th Street only
- Projects recommended from SR 303 Corridor Study
- NB HOV lane on Charleston Blvd
- Active transportation projects

Next Steps

- Identify and analyze a Preferred Alternative
- Develop preliminary cost ranges
- Prioritize modal projects



Joint Compatibility Transportation Plan

**Community Sounding Board Meeting #4
06/01/22**

Presentation Goals

- Brief recap of the JCTP project and progress
- Review traffic and parking issues the project seeks to resolve
- Outline challenges in resolving issues
- Discuss potential visions for the final outcome

Project Overview

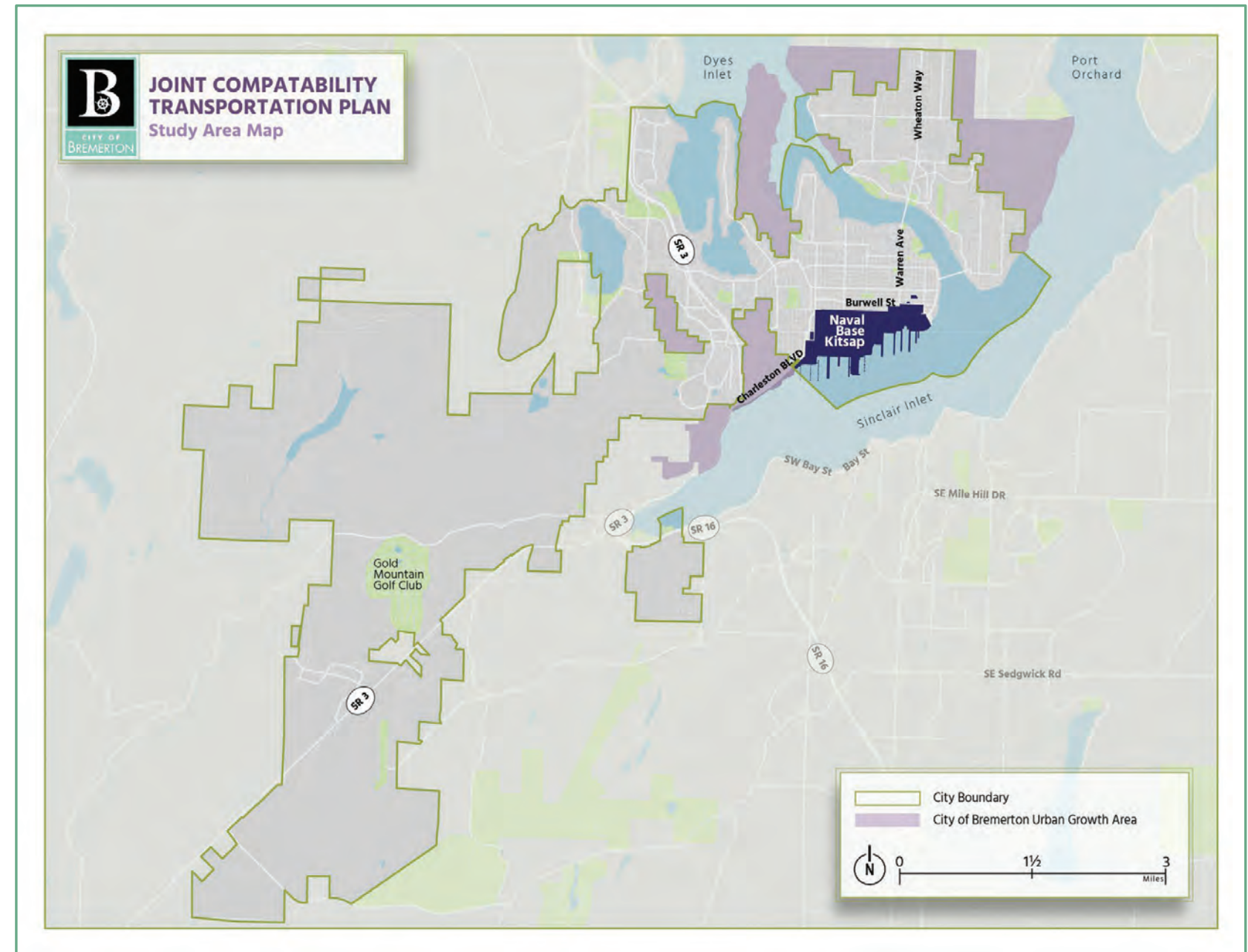
Bremerton has unique traffic and parking issues due to Naval Base Kitsap - Bremerton (NBK-BR), such as:

- traffic surges at shift changes
- limited parking both inside and outside fence line
- limited multimodal opportunities
- forecasted population growth

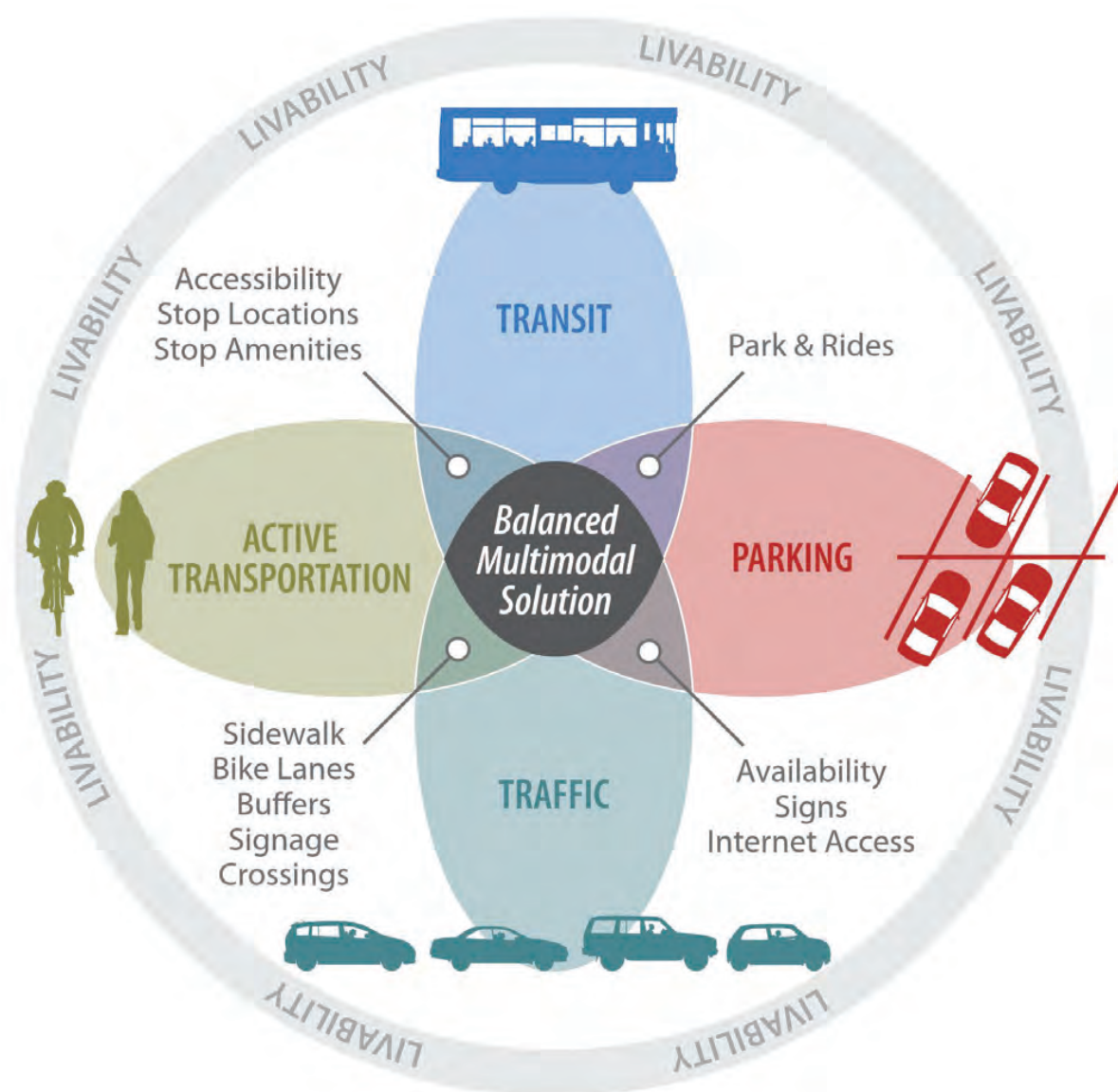
City and NBK-BR are partnering through a DOD grant to create a plan that will address these challenges

- \$750,000 Project
- 18 month study period

Outyear for this study is 2050



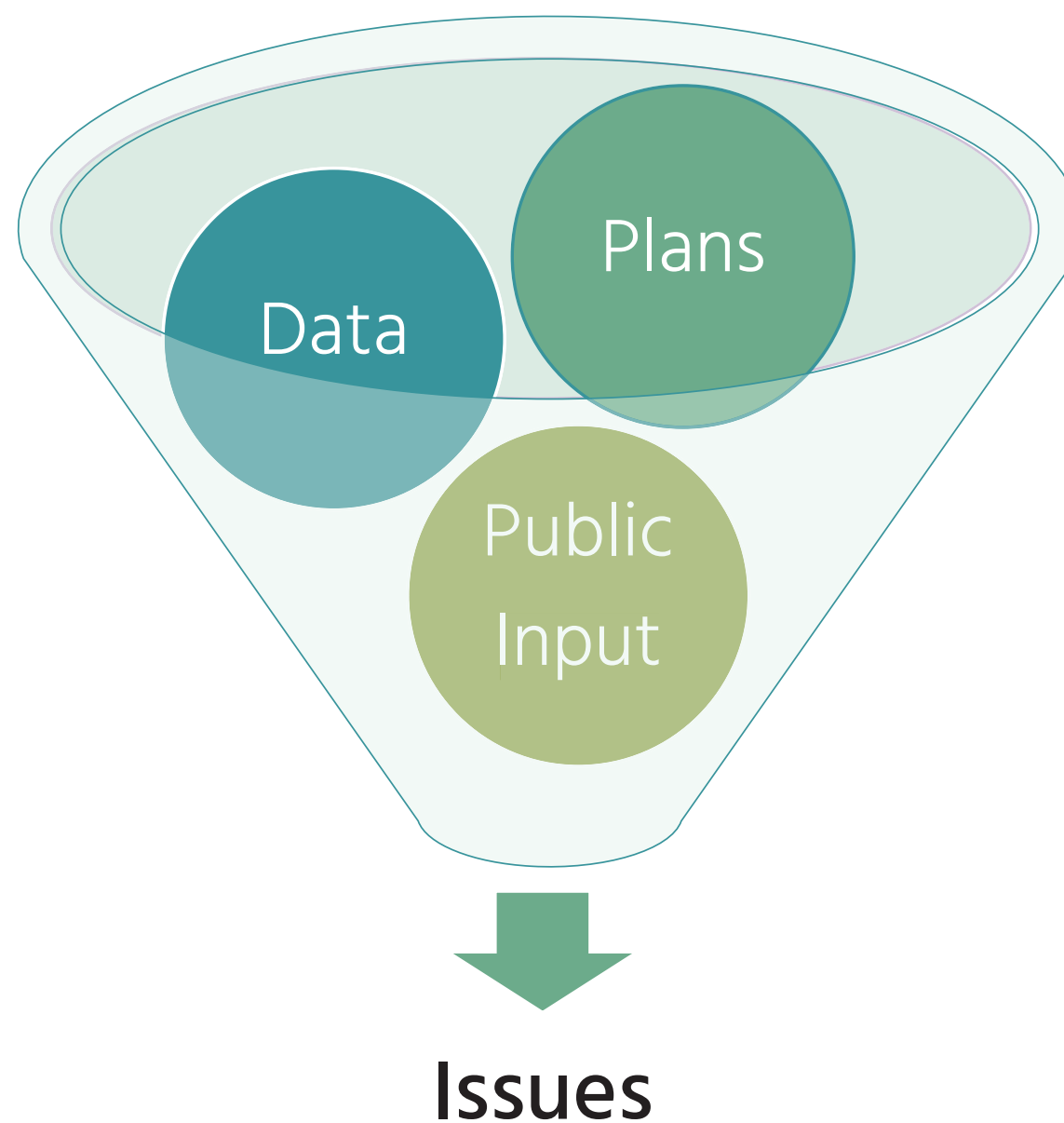
Project Goals



- Examine existing and future need for all transportation modes serving NBK-BR
- Develop solutions to resolve deficits
- Evaluate options to mitigate transportation and parking demands
- Develop a prioritized implementation plan

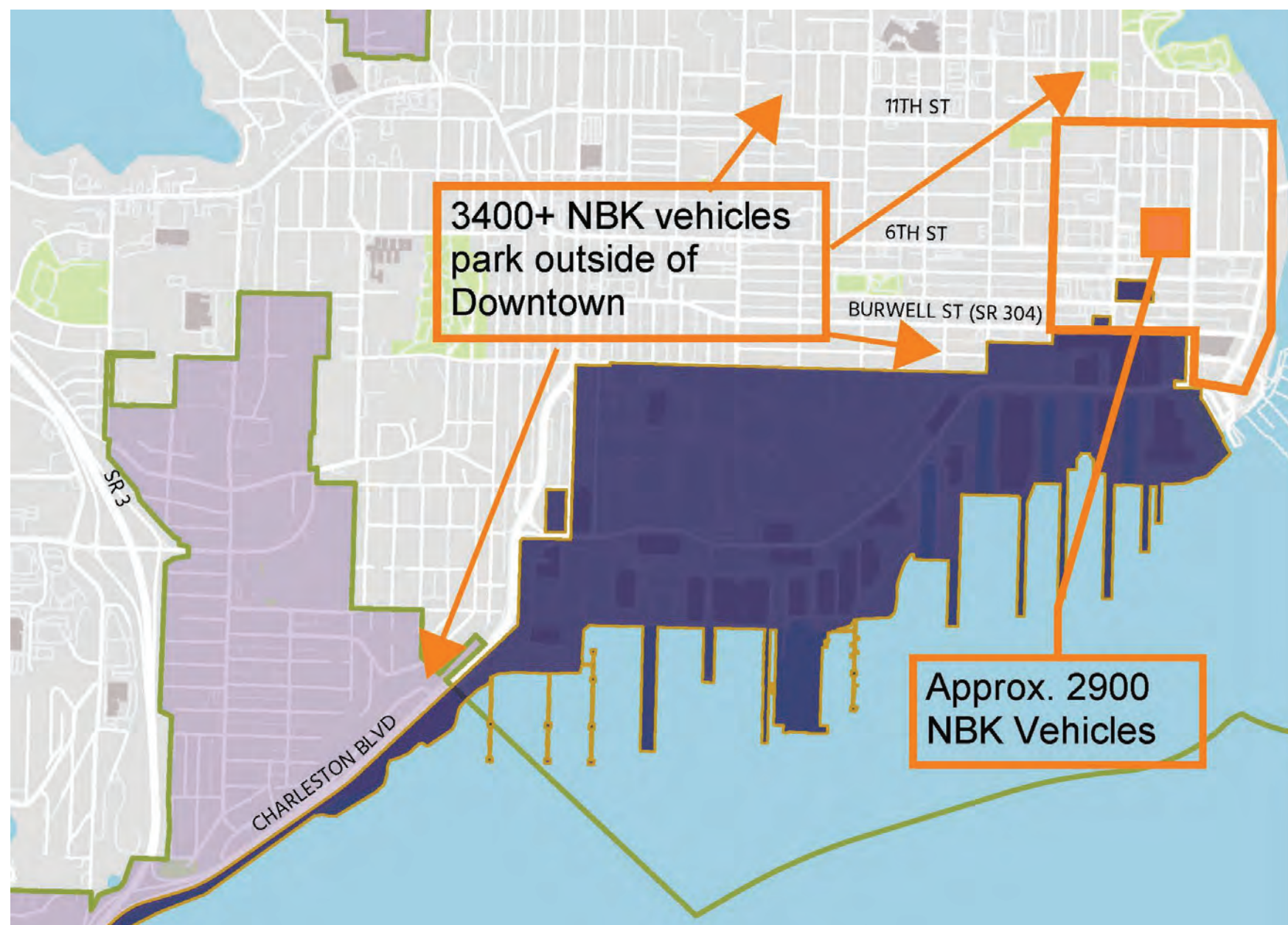
Issues Evaluation Criteria

- Crash History
- Current traffic conditions model
- Planned improvements
- Future job and population growth estimates
- Transit Routes & Park and Rides
- Worker Driver Routes
- Parking conditions
- Bike/ped conditions
- Survey regarding travel habits



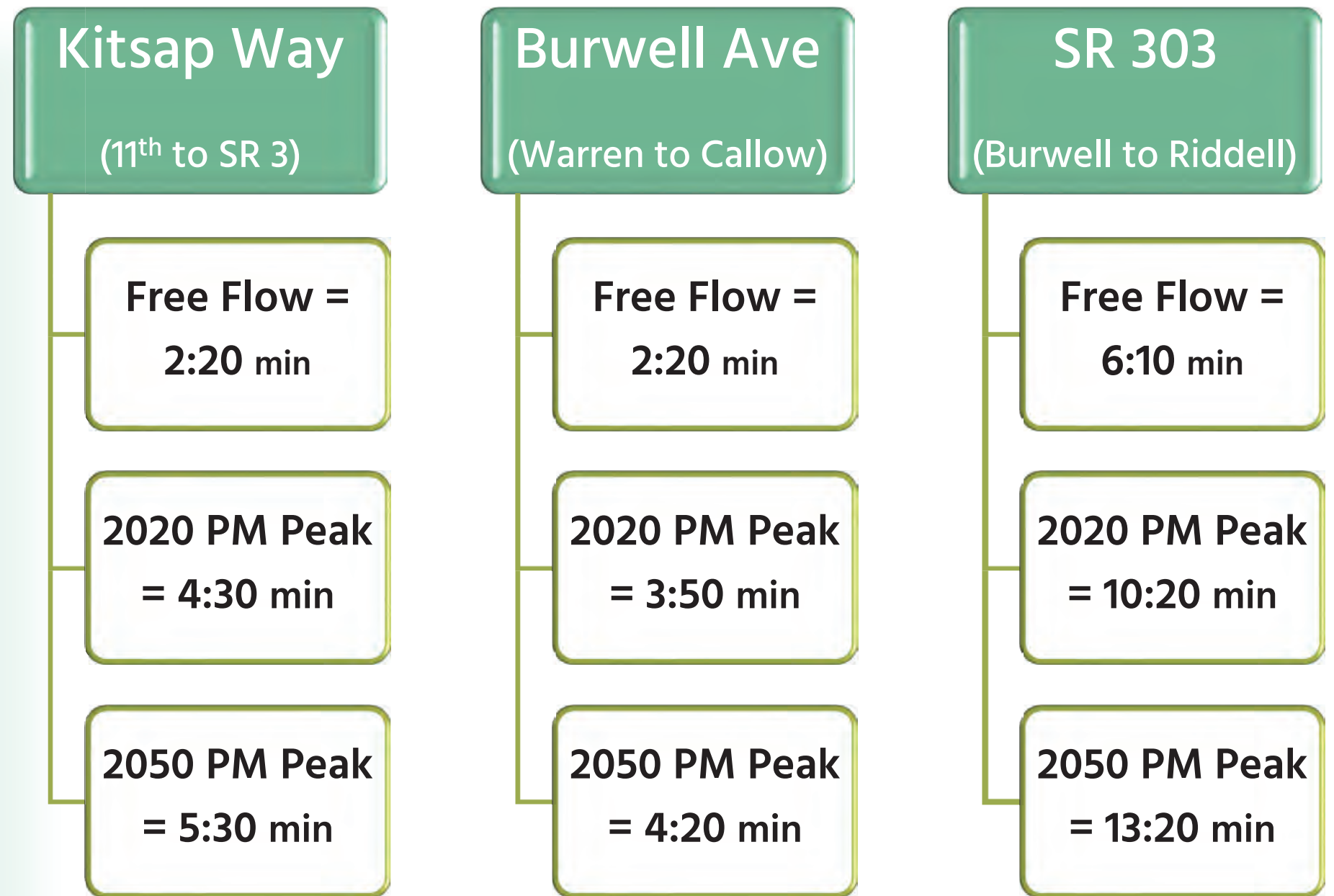
Existing Conditions – NBK-BR Impact

- 60% of traffic coming into Bremerton during the peak period is attributed to NBK-BR
- 6300+ NBK-BR commuter vehicles park outside of the gates during the peak period and over 10,000 pedestrians enter the shipyard gates each day
- 2017 Parking Study confirmed large numbers of commuter vehicles are parking illegally in Downtown and in neighborhoods.
- Parking behaviors are entrenched, and many people are willing to risk tickets
- Surface level parking lots in Downtown are not the highest and best use of the property
- Vehicle queues at base entry gates sometimes cause back-ups on City streets



Future Conditions

- By 2050 there will be significant congestion throughout Bremerton
- PSRC's *Vision 2050 Plan* forecasts substantial growth in Bremerton and Kitsap County through 2050
- As the City pursues their growth plan conflicts between residential parking and commuter parking will increase
- NBK-BR has plans for multi-billion-dollar shipyard modernizations



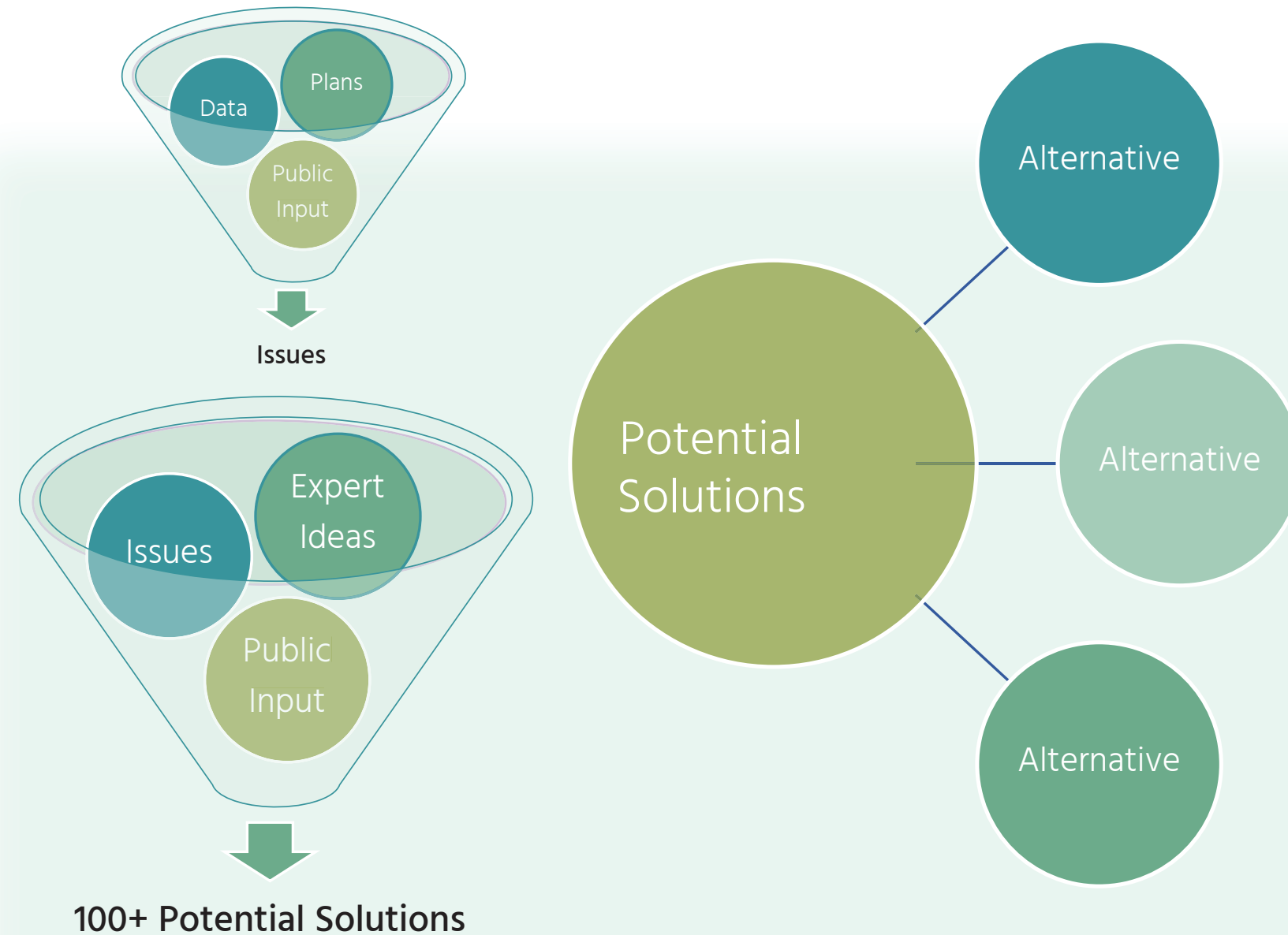
Travel time estimates (in minutes) for general purpose traffic on major corridors.

Issues Recap

- NBK-BR operations create traffic surges and congestion
- Continued growth will worsen traffic conditions in the future
- Neighborhood parking by commuters impacts livability and causes conflict between NBK-BR workers and residents
- NBK-BR worker parking in downtown suppresses economic vitality by limiting parking for business patrons
- Population growth will increase pressure on existing infrastructure decreasing Bremerton's livability and degrading base accessibility



Finding and Evaluating Solutions



To measure the efficacy of solutions three alternatives were evaluated against the 2050 no-build scenario.

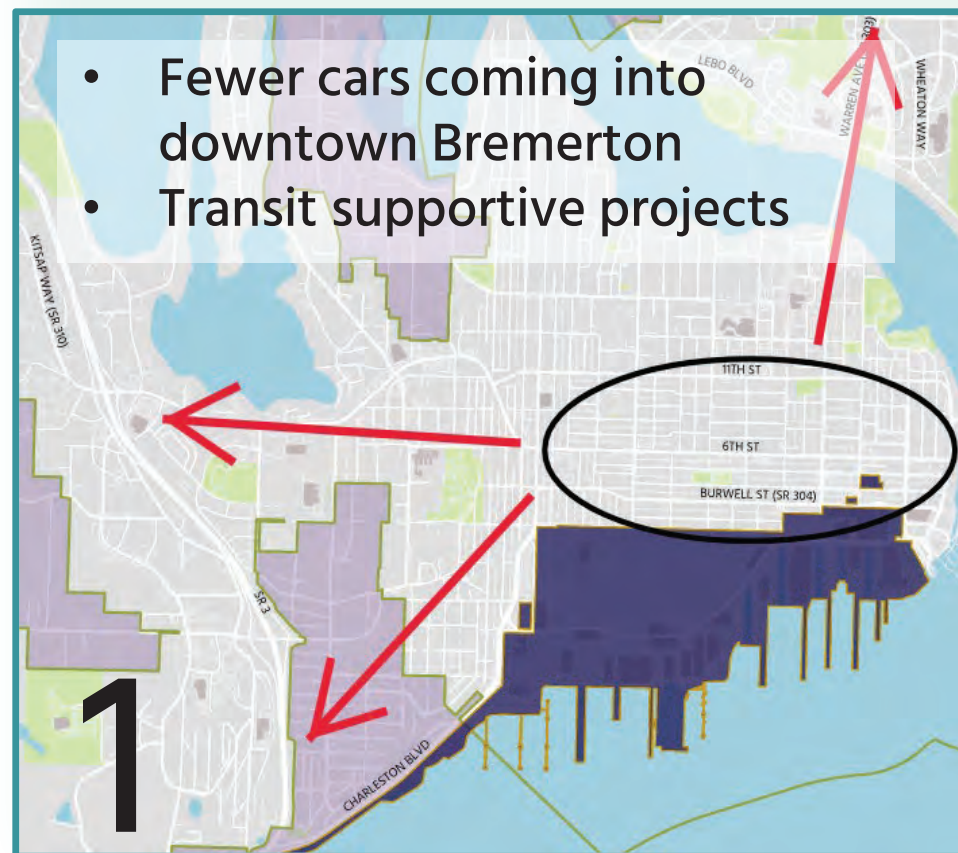
Evaluation Metrics

- Travel Time
- Travel Reliability
- Mobility
- Safety
- Active Transportation
- Economic Vitality
- Parking
- Base Accessibility
- Livability

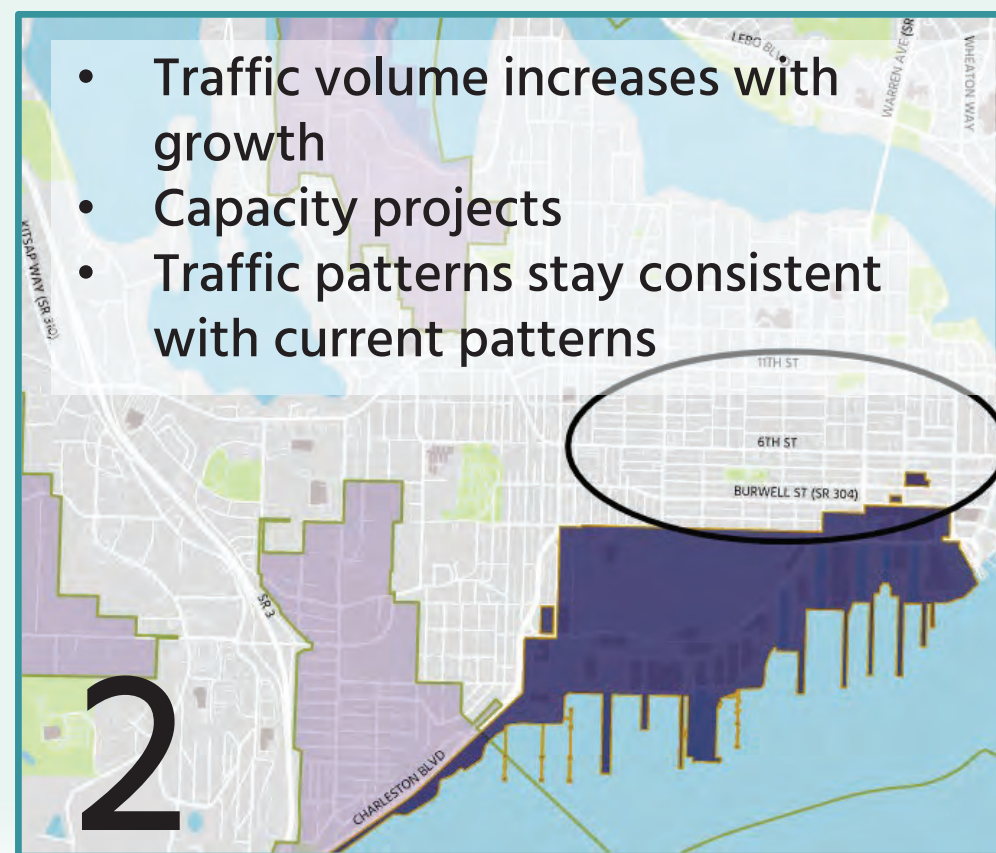
Alternative Evaluation

The alternatives were organized around parking strategies so that the project team could understand how traffic volume and parking patterns impact the potential solutions.

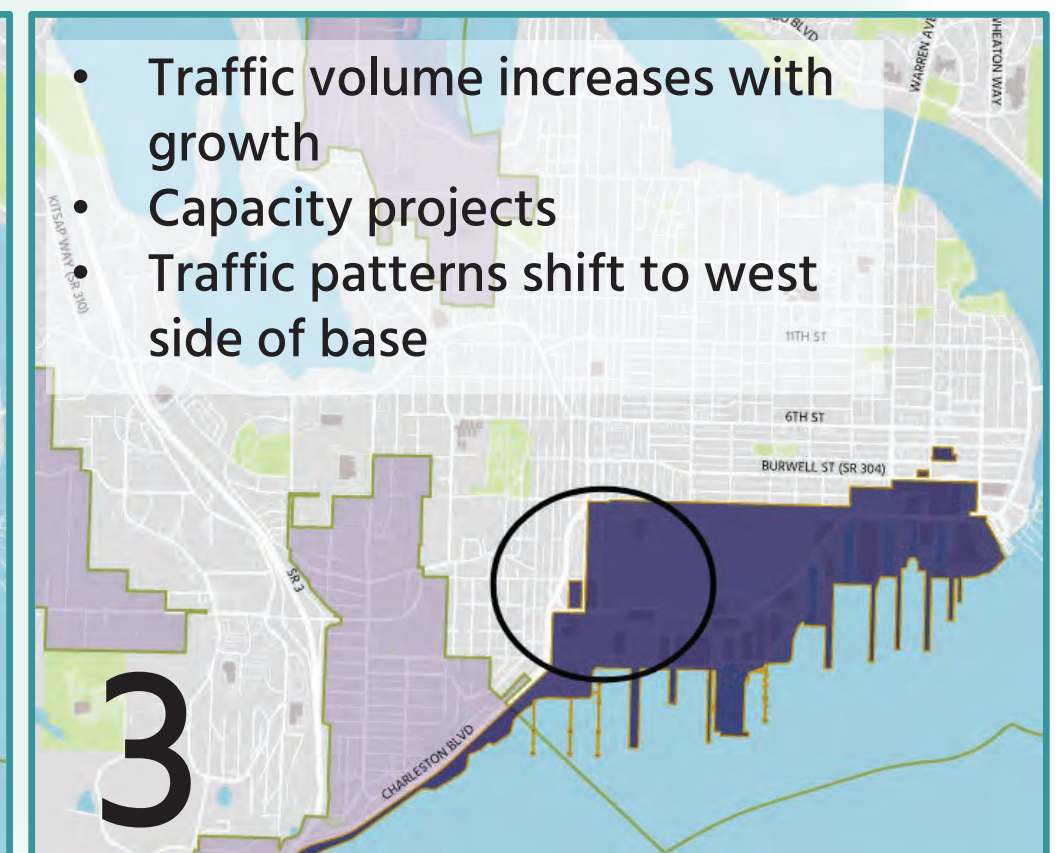
Alt 1 – Relocate Commuter Parking



Alt 2 – Support Commuter Parking



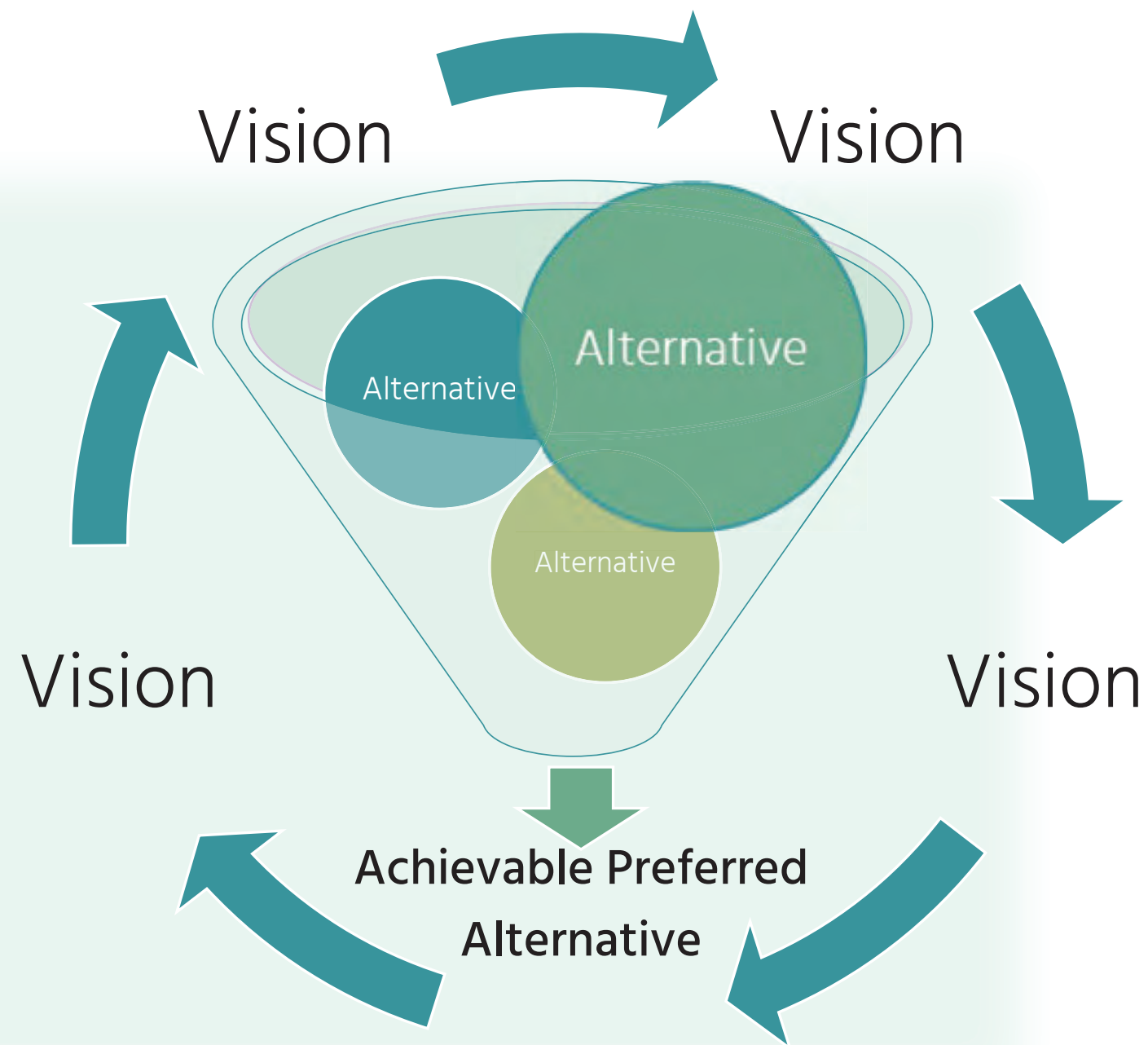
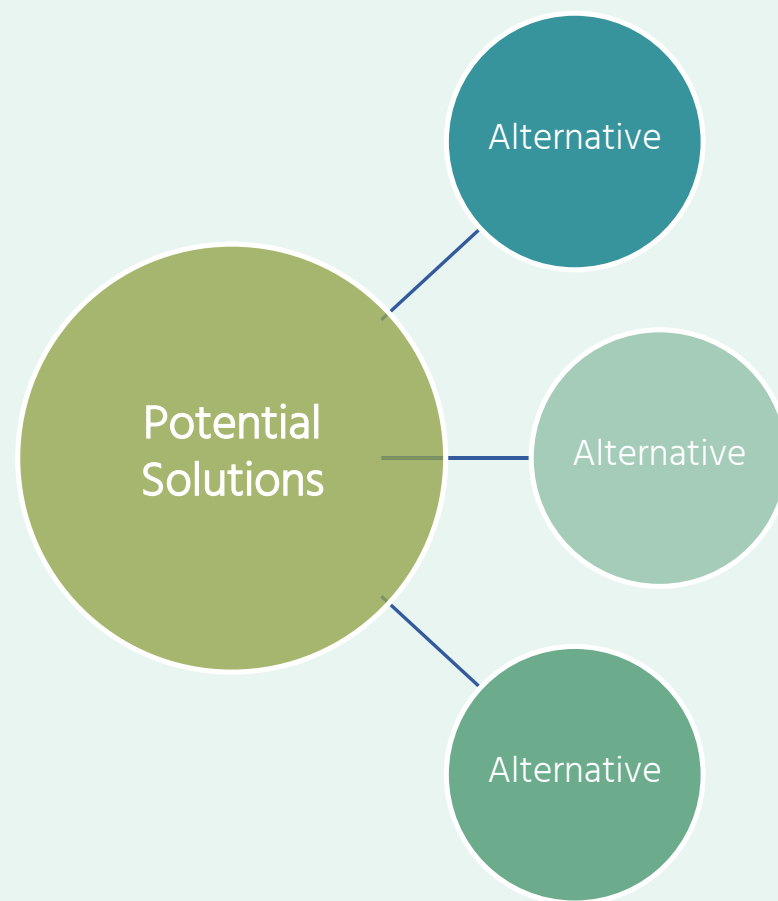
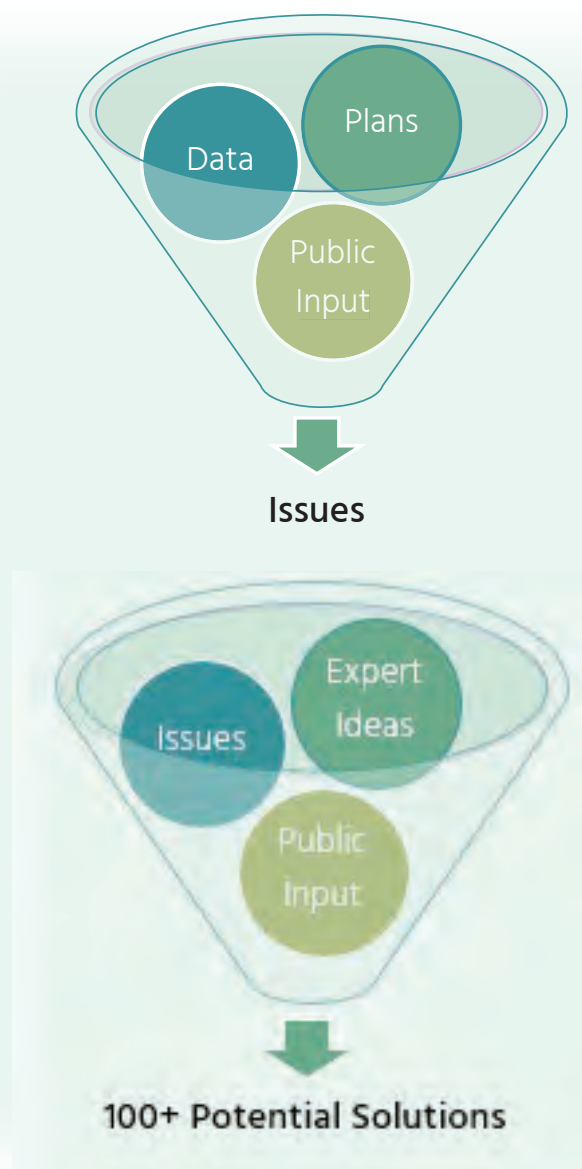
Alt 3 – Build Parking on Base (West Side)



What did we learn from the evaluation of the alternatives?

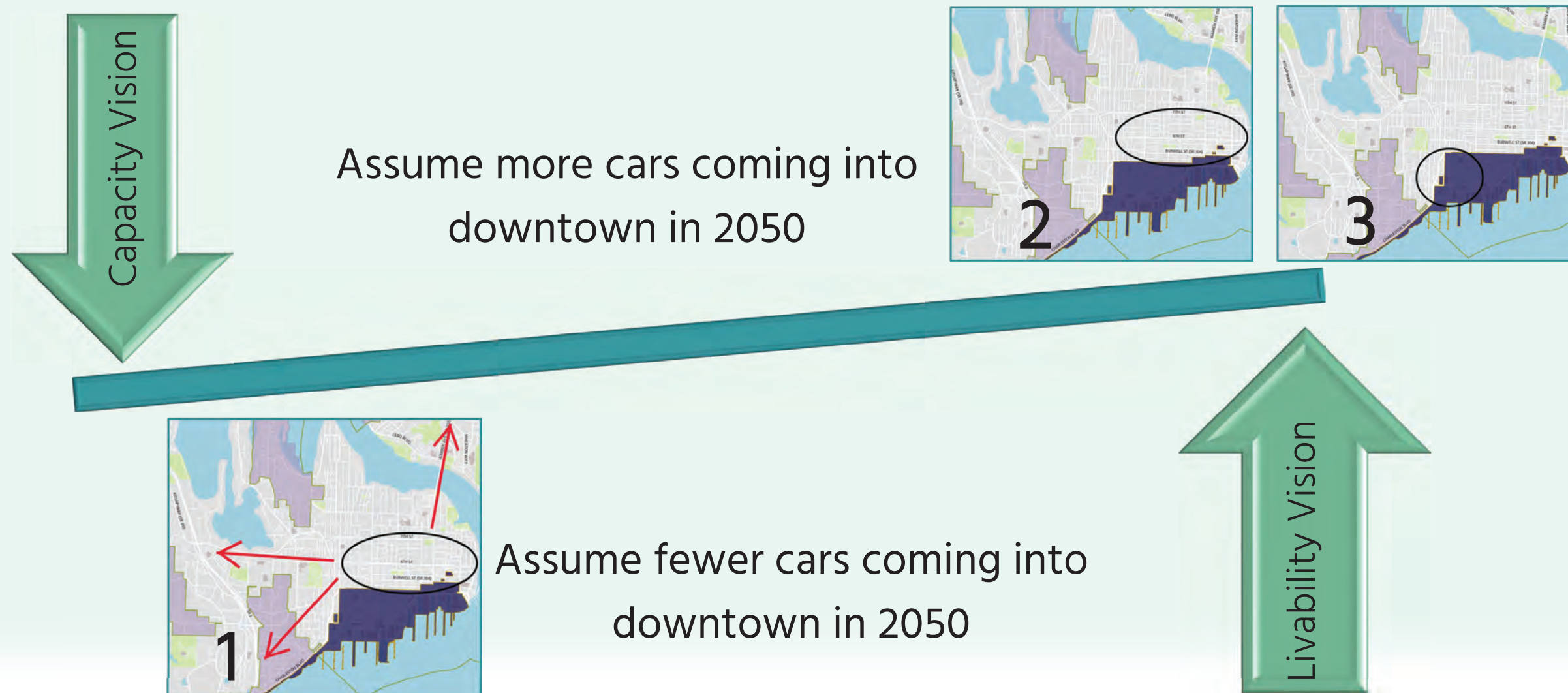
- Several projects showed a clear benefits and will be recommended including:
 - Intelligent signal systems for all major commuter corridors
 - Active transportation improvements targeted for commuters
 - Improvements proposed by the SR 303 Corridor Study
 - Safety improvements
- None of the alternatives showed improvements to all of the evaluation metrics. In particular there was tension between base accessibility and livability
- Projects that improve livability, such as road re-channelizations to accommodate bikes and pedestrians, were incompatible with alternatives that don't reduce vehicles coming into Bremerton
- To achieve reductions in congestion in the relocate parking alternative at least 2000 vehicles need to be removed from City streets in the peak hour.

Next Steps



Next steps

To assemble a preferred alternative the project team needs guidance on the vision. The vision informs the assumptions the project team will make about the outyear of 2050.



Vision Comparison

Livability Centered Vision (assume fewer cars coming into Downtown Bremerton)

- Success measured by improvements to Bremerton's livability and economic vitality
- Growth addressed by strategies that reduce the number of cars on the roads
- Mode shift assumptions are more aggressive and are driven by transit and policy/operations projects
- Requires inter-agency cooperation to be effective

vs.

Capacity Centered Vision (assume more cars coming into Downtown Bremerton)

- Success measured by improvements to travel time for commuters during peak hours
- Growth addressed with road capacity projects
- Mode shift assumptions are conservative
- Most improvements are capital projects led by City of Bremerton

Capacity Centered *Achieving the Vision*

Mode shift from single occupancy vehicles not expected - assume vehicle volume increases with population growth.

- Added travel or turn lanes on some arterials including on Burwell, Kitsap Way, and SR 304
- Significant ROW needed for road and active transportation improvements
 - Over 35 parcels could be impacted
 - Over 40 relocations (mostly on Burwell)
- Capacity improvements range between \$80M and \$160M not including parking or active transportation.
- Parking facilities in downtown or on the west side of NBK-BR could be considered to resolve neighborhood parking conflicts



Capacity Centered *Benefits & Challenges*

- Outcome is less dependent on inter-agency cooperation
- Capacity projects likely only keep up with growth, not improve traffic conditions
- More cars = more conflicts = less safety
- Parking conflicts will remain and may worsen as growth increases density in Bremerton
- Large capacity projects are costly, disruptive, and will require more right-of-way
- Road capacity projects are hard to fund and may be infeasible due to environmental constraints (including social justice issues such as ROW impacts to disadvantaged areas)
- Road re-channelization on 6th Street would not be recommended due to capacity needs

Build Conditions

Alt 1 – Relocate Commuter Parking

Alt 2 – Support Commuter Parking

Alt 3 – Build Parking on Base (West Side)

Kitsap Way

(11th to SR-3)

2050 PM Peak

= 3:20 min

(2:10 savings)

2050 PM Peak

= 5:40 min

(no change)

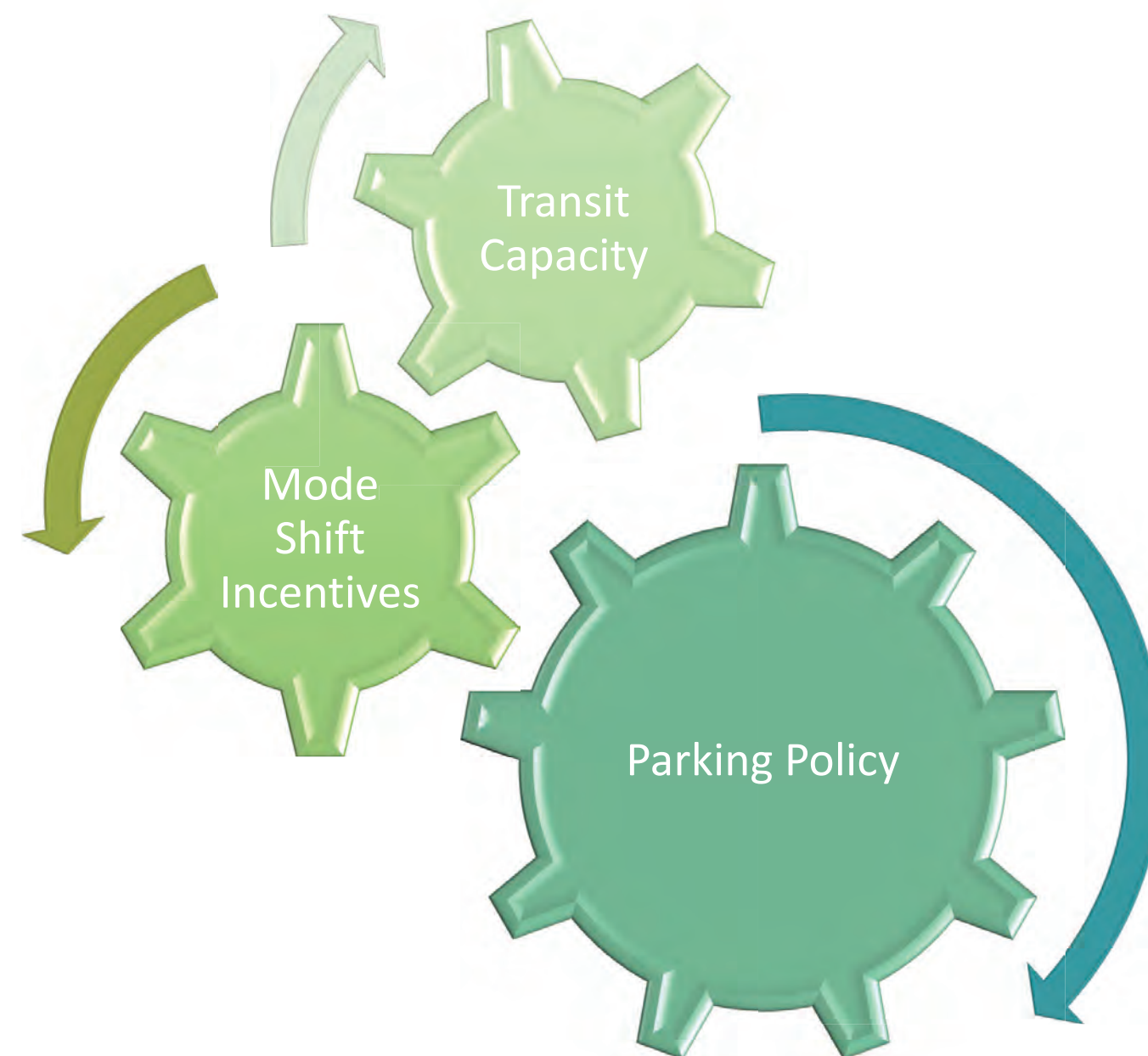
2050 PM Peak

= 3:40 min

(1:50 savings)

Livability Centered *Achieving the Vision*

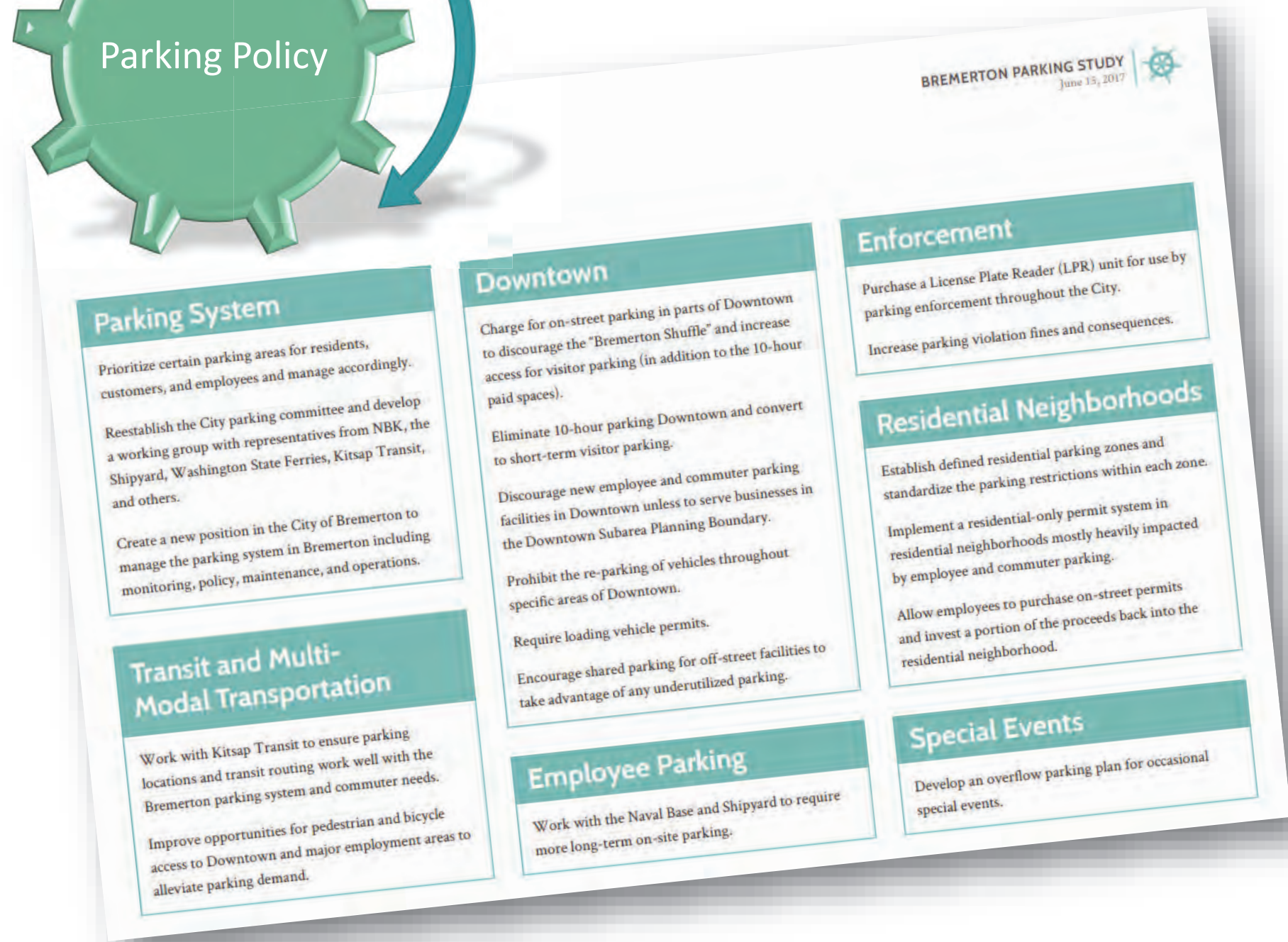
- Shift people from commuting by car and towards using transit, active transportation, and carpool/vanpool (mode shift)
- Mode shift motivated by a multi-pronged approach
 - Build transit capacity
 - Improve active transportation infrastructure
 - Provide alternative mode incentives to workers
 - Implement policies that restrict commuter parking
 - Educate commuters about modal options
- Significant coordination between agencies



Livability Centered Parking Policies

Parking policies consistent with the 2017 Parking Study could be recommended to help drive mode shift.

- Study team will recommend the phasing and implementation of parking strategies to coincide with transit projects
- An active management strategy is recommended so that parking policies are implemented as needed over the plan term (to 2050)
- Parking policies should be further developed before implementation, including public outreach, and should be vetted and adopted by policy makers



Livability Centered *Mode Shift Incentives*

NBK-BR and other major employers will need to encourage their workforce to change modes. Some strategies supported by our survey data are:

- Educate commuters about modal options and emergency services
- Expand and support carpool/vanpool programs
- Incentivize alternative forms of transit
- Provide flexible options



Livability Centered *Transit Supportive Projects*

Partnership with Kitsap Transit will be key to ensuring transit is available and convenient for commuters. Some goals for transit supportive projects are:

- Build up park and ride capacity
- Improve transit reliability through capital improvements such as a Business Access Transit lane on SR 303
- Improve transit frequency
- Expand on success of worker driver bus program



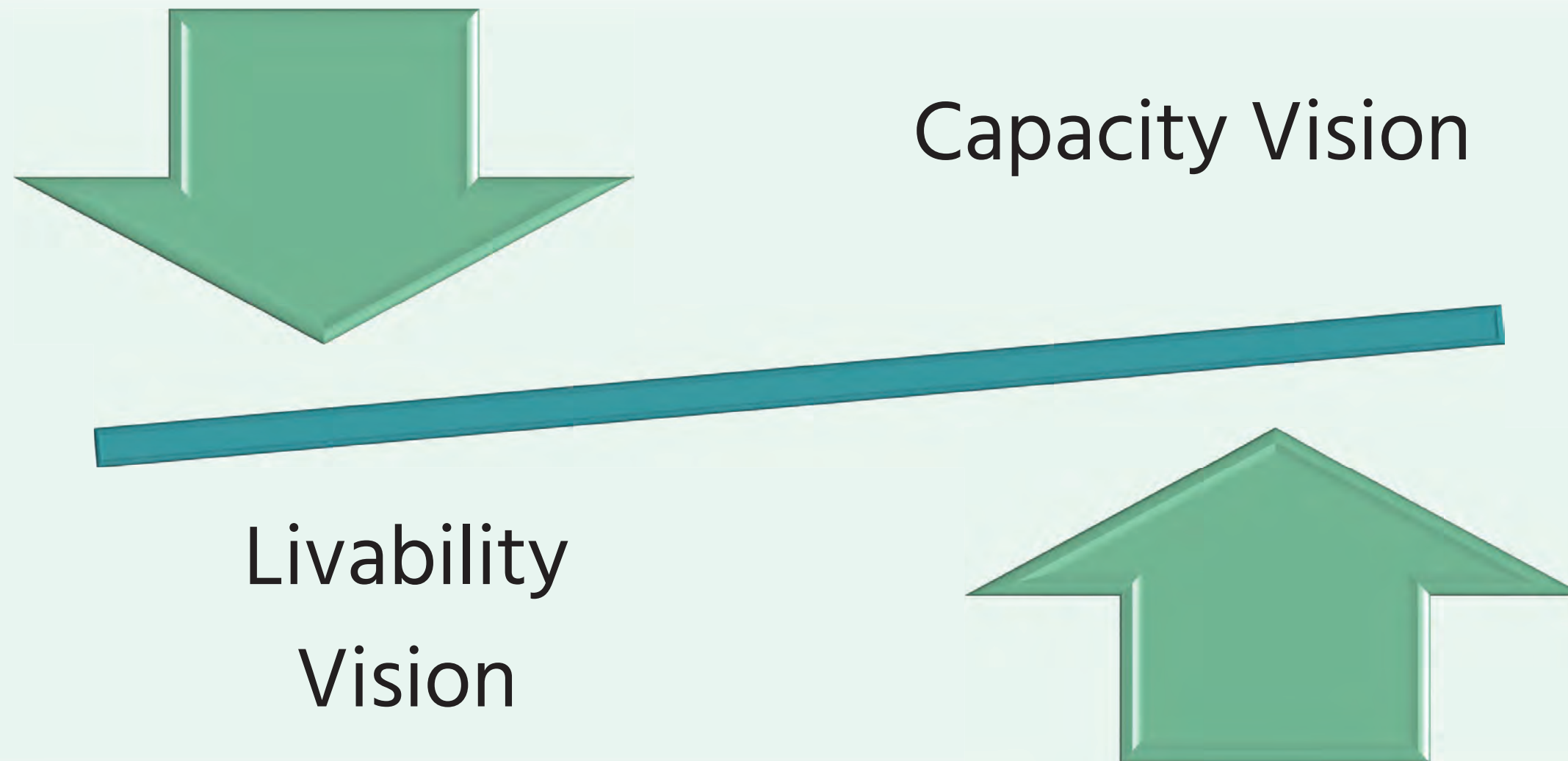
Livability Centered *Benefits & Challenges*

- Reduces parking in the neighborhoods
- Improves walking and biking experiences
- Increases available parking for businesses
- Consistent with city plans to increase density and economic vitality
- Reduced commuter parking is unpopular with commuters
- Mode shift goals reduce congestion and improve travel time
- Parking costs dependent on partnerships with developers, Kitsap Transit, and NBK-BR
- 2,000 park and ride spaces could be between \$50M and \$100M



Preferred Alternative Vision

Which vision should the project team strive for with the preferred alternative?



Next Steps

- Draft a Preferred Alternative (PA) based on feedback
- Evaluate PA and present to Community Sounding Board and at a Public Open House
- Refine PA based on feedback
- Present PA to Council
- Finalize PA and draft the plan and report
- Bring the draft plan and report to Council for adoption
- Finalize plan and report

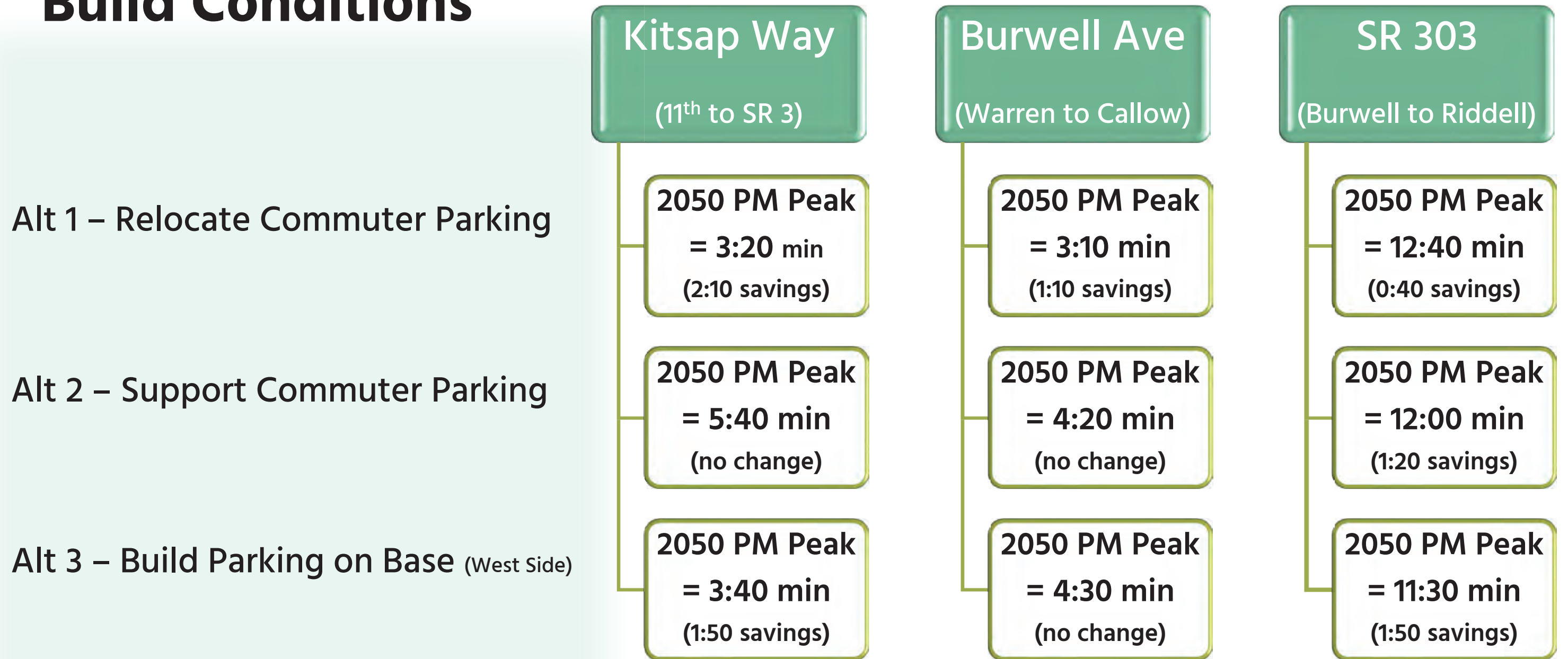
More Information

Katie Ketterer
City of Bremerton Project Manager
360-473-5334
Katie.Ketterer@ci.bremerton.wa.us

www.bremertonwa.gov/jctp



Build Conditions



Travel time estimates (in minutes) for general purpose traffic on major corridors. If change is less than 30 seconds it is listed as no change.



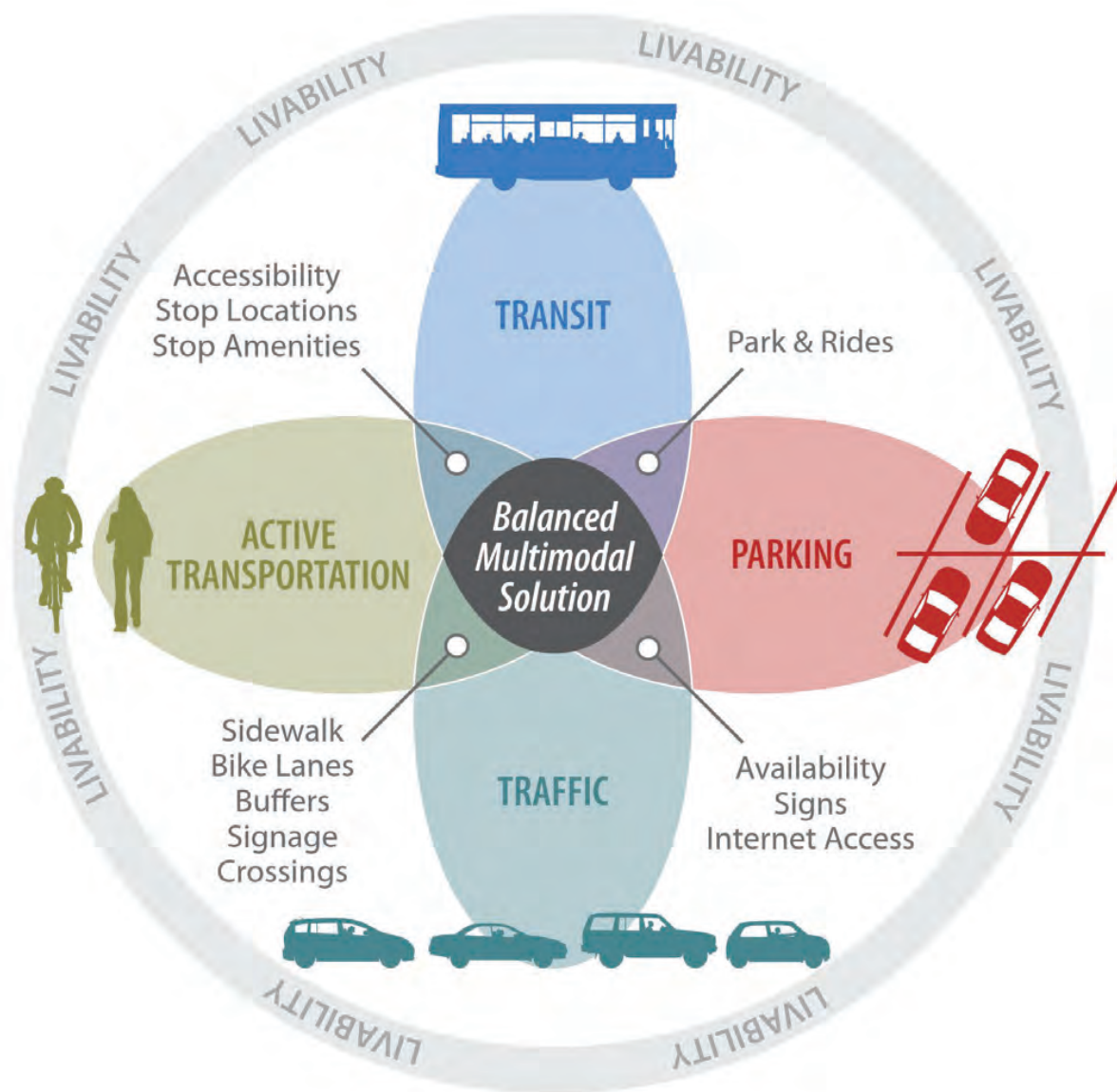
Joint Compatibility Transportation Plan

**Community Sounding Board Meeting #5
09/21/22**

Agenda

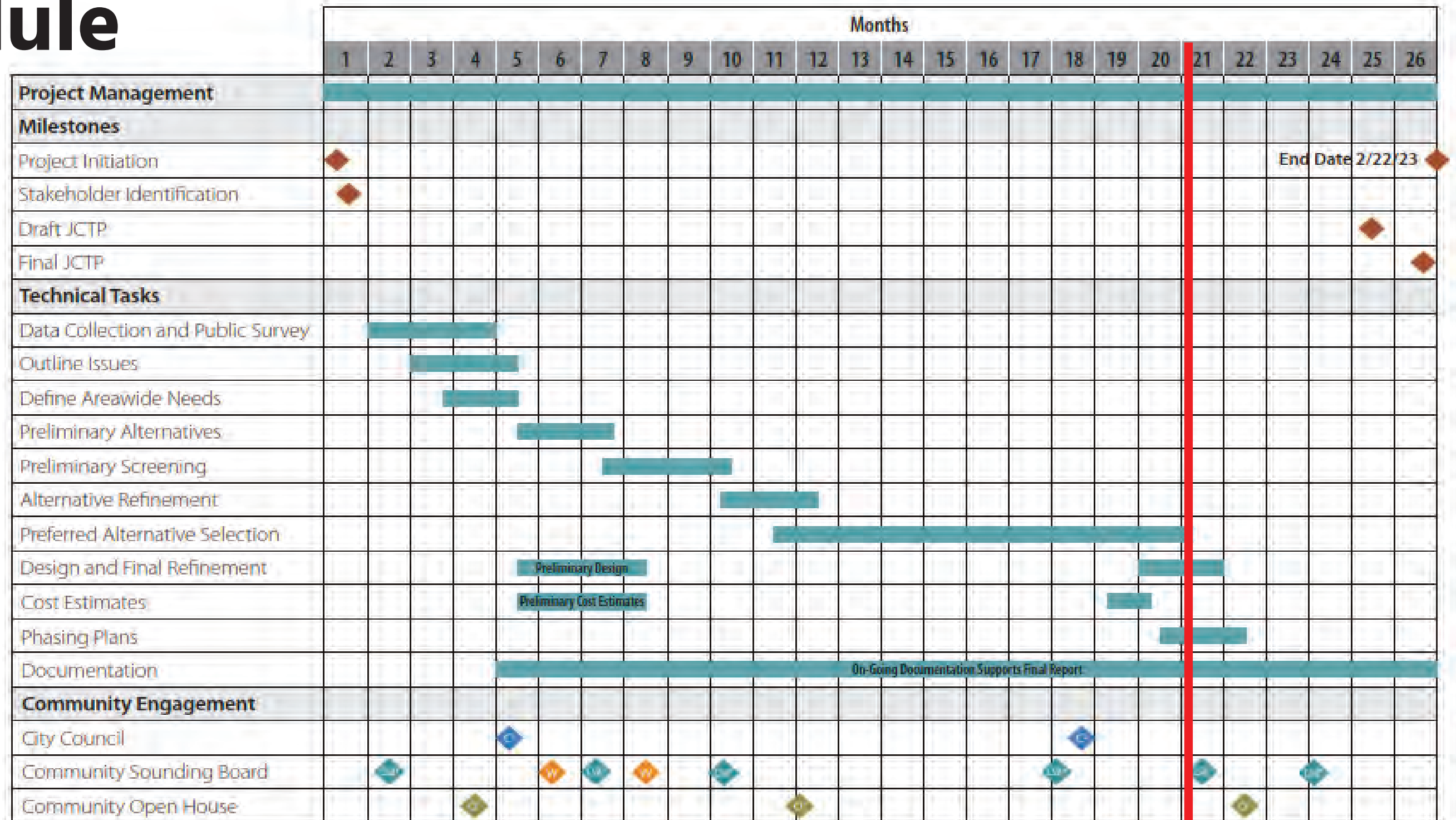
- Brief recap of the JCTP project and progress
- Review draft Preferred Alternative (PA)
- Review screening results
- Discuss potential constraints and/or barriers to projects

Project Goals



- Examine existing and future need for all transportation modes serving NBK-BR
- Develop solutions to resolve deficits
- Evaluate options to mitigate transportation and parking demands
- Develop a prioritized implementation plan

Schedule



◆ Project Milestone ◆ Community Sounding Board Meeting ◆ Open House ◆ City Council ◆ Workshops

Planning for Future Growth

- PSRC's *Vision 2050 Plan* forecasts substantial growth in Bremerton and Kitsap County through 2050
- City of Bremerton is a designated Regional Growth Center
- NBK-BR has plans for multi-billion-dollar shipyard modernizations
- As the City pursues their growth plan conflicts between residential parking and commuter parking will increase



Issues Recap

- Population growth will increase pressure on existing infrastructure decreasing Bremerton's livability and degrading base
 - By 2050, peak hour traffic volumes will increase by over 30%
- NBK-BR operations create traffic surges and congestion
 - 60% of traffic coming into Bremerton during the peak period is attributed to NBK-BR
- By 2050 there will be significant congestion throughout Bremerton
 - Number of intersections operation at LOS F doubles
- 2017 Parking Study confirmed large numbers of commuter vehicles are parking illegally in Downtown and in neighborhoods.
 - As downtown redevelops, it is likely that parking will go away, pushing illegal parking further into outlying neighborhoods, if nothing changes

Recap: Alternative Evaluation

Alternatives were organized around parking strategies so that the project team could understand how traffic volume and parking patterns impact the potential solutions.

Alt 1 – Relocate Commuter Parking

Alt 2 – Support Commuter Parking

Alt 3 – Build Parking on Base (West Side)

- Add parking at strategic locations outside of downtown
- Fewer cars coming into downtown Bremerton
- Transit supportive projects

1

- Traffic volume increases with growth
- Capacity projects
- Traffic patterns stay consistent with current patterns

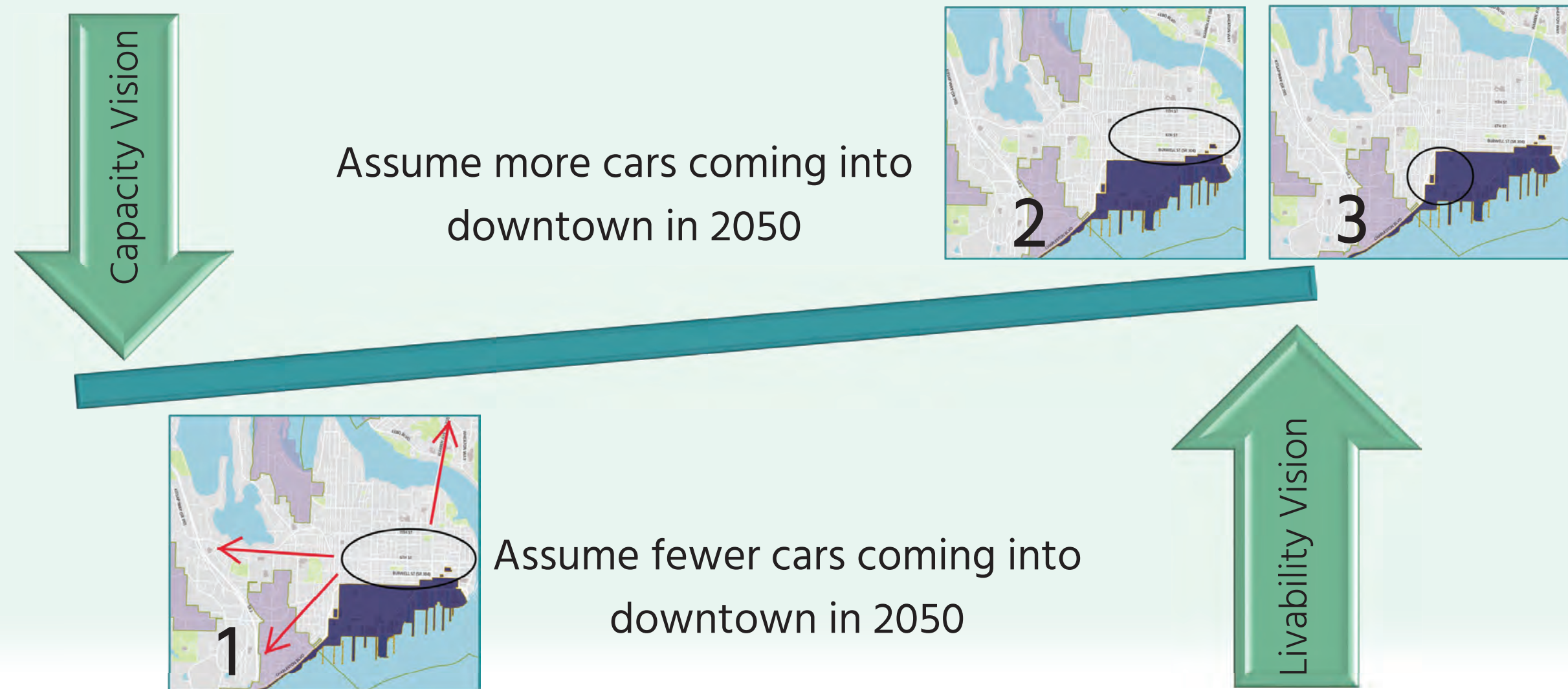
2

- Traffic volume increases with growth
- Capacity projects
- Traffic patterns shift to west side of base

3

Recap: Visioning

To assemble a preferred alternative the project team sought guidance on the vision from the CSB and the City Council. A “Livability Vision” that addresses the need to maintain Base accessibility was selected to move forward.



Livability Centered Preferred Alternative

Achieving the Vision

- Add parking in strategic locations outside downtown.
- Shift a percentage of people from commuting into downtown by car to towards other modes
- Provide infrastructure and incentives to motivate mode shift, including
- Significant coordination between agencies



Preferred Alternative

Preferred Alternative comprises elements of the 3 alternatives that will help create the vision of livability. Key elements include:

- ✓ Provide additional parking outside of downtown in strategic locations
- ✓ Build capacity projects that make it easier to get to this parking
- ✓ Provide shuttle service to get from additional parking to downtown quickly, efficiently and safely
- ✓ Focus on creating a safe, efficient network of sidewalks and bike lanes in downtown and neighborhoods surrounding the Base

Preferred Alternative Diagram



Preferred Alternative

- Add parking in strategic locations outside downtown and couple with capacity projects that make it easier to get to the additional parking
 - Roundabouts at SR 3/Kitsap Way
 - Roundabouts at SR 3/Loxie Eagen
 - Support capacity projects in SR 303 Corridor Study
 - Adaptive signal timing at all signalized intersections
 - Build and operate a Traffic Management Center
 - Support future improvements in Gorst
- Implement parking policies downtown and in neighborhoods surrounding NBK that will help drive mode shift
 - Actively manage on-street parking management strategies, and implement permits and paid parking as needed
 - Establish a transportation management association
 - Issue commuter parking permits for City owned facilities
 - Create parking zone with on-street paid parking permits

Preferred Alternative (continued)

- Build transit capacity and reliability
 - More bus routes to the shipyard
 - High frequency shuttle service between Park-and-Rides and downtown.
 - Support BAT lane on SR 303
- Build Active Transportation projects downtown and near NBK that will support/drive mode shift
 - 6th Street Road Diet
 - Naval Avenue Road Diet
 - Add bike facilities on 1st Street between Naval Ave and Calloway
 - Active transportation projects in SR 303 Study, south of Warren Ave Bridge
 - Support Mobility Hubs at Gateway Park-and-Ride
 - Build Mobility Hub on City owned property at 4th/Park
 - Bike lane between 4th/Park mobility HUB and 6th Street
 - Bike facility on Shorewood Drive, connecting to bike facilities on Kitsap Way
 - Bike lockers near State, Burwell and Bremerton gates
 - Improve sidewalks within 10-minute walkshed of all gates
 - Pedestrian improvements at strategic locations

Preferred Alternative (continued)

- Add inbound capacity at Base gates
- Encourage mode shift through education and incentives
 - Maintain telework options
 - Provide incentives to ride transit
 - Reduced fare and regular bus passes
 - Improve technology to make worker-driver program better
 - Partner with Port Orchard to explore additional parking options for foot-ferry
 - Support Kitsap Transit's future Port Orchard transit center


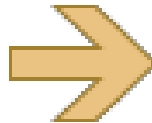
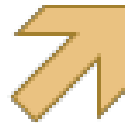
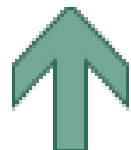
Second Level Screening

Changes since October 2021 Evaluation

- Transit Signal Priority (TSP) included in No Build and all Alternatives
- Naval Avenue road diet removed from No Build and now included in Preferred
- 11th Street Road diet removed from alternatives

Second Level Screening - Rating

- For each performance measure, improvements scored on the range shown below

			
Make conditions worse compared to 2050 No Build	None/minimal change to conditions compared to 2050 No Build	Project improves conditions compared to 2050 No Build	Project creates even greater improvements compared to 2050 No Build

- Most study goals include more than one performance measure. Individual scores rolled up into one overall score for each study goal.

Preferred Alternative Screening

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative	Preferred Alternative
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel times (GP and transit)	↗	↗	↗	↑
	Travel Time Reliability (GP and transit)	↗	↗	↗	↗
	Average Score	↗	↗	↗	↗
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	↗	↑	↑	↑
	Person hours of delay - Transit	↗	→	↑	→
	Average Score	↗	↗	↑	↗
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	↑	↑	↑	↑
	Number of serious injury and fatal crashes	↑	↑	↑	↑
	Average Score	↑	↑	↑	↑

Preferred Alternative Screening

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative	Preferred Alternative
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel times (GP and transit)	↗	↗	↗	↑
	Travel Time Reliability (GP and transit)	↗	↗	↗	↗
	Average Score	↗	↗	↗	↗

- Reduction in cars in downtown improves travel times for both cars and buses
- Express bus service significantly improves transit travel times
- Roundabout at 6th/Naval helps offset delays from 6th Street Road Diet

Preferred Alternative Screening

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative	Preferred Alternative
<ul style="list-style-type: none"> Preferred Alt – mobility improves compared to No Build, but huge increase in transit ridership results in increase person hours of delay (transit) 					
<i>predictable.</i>	Average Score	↗	↗	↗	↗
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	↗	↑	↑	↑
	Person hours of delay - Transit	↗	→	↑	→
	Average Score	↗	↗	↑	↗
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	↑	↑	↑	↑
	Number of serious injury and fatal crashes	↑	↑	↑	↑
	Average Score	↑	↑	↑	↑

Preferred Alternative Screening

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative	Preferred Alternative
Active Transportation: <i>Improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone.</i>	Number of people who can walk/bike to NBK-BR or P&Rs under low stress conditions	↗	↗	↗	↗
	Number of high-quality travel choices in the study area	↑	↑	↑	↑
	Safe and Comfortable Walking and Biking Options	↑	↑	↑	↑
	Average Score	↗	↗	↗	↗

- **Mobility hubs at 2 locations will increase high quality travel choices**
- **Improvements to sidewalks within 10-minute walkshed will increase low-street options for accessing NBK-BR by foot**
- **Added bike lanes will increase low-stress options for accessing NBK-BR by bike**

Preferred Alternative Screening

Study Goal Area	Performance Measures	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative	Preferred Alternative
Parking: <i>Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods.</i>	Parking utilization	↑	↑	↑	↑
	Parking violations	↑	↑	↑	↑
	City parking revenue	↑	↘	↓	↘
	City parking enforcement	↑	↑	→	↑
	Accessibility to parking for Base workers	↑	↘	↑	↘
	Tracking the "Bremerton Shuffle"	↑	↑	→	↑
	Surface parking/land use impacts	↓	↑	→	↑
	Average Score		↗	↑	→

• Preferred Alternative best meets the goals of balancing parking needs for commuters and not negatively impacting downtown.

Livability & Base Accessibility

- Livability
 - Accommodate forecasted growth in a way that doesn't negatively impact downtown Bremerton
- Accessibility
 - Maintain or improve accessibility to NBK-BR and PSNS

Livability & Base Accessibility

	Downtown Livability	Base Accessibility
Goal	Focus is area most affected by operations of NBK-BR and PSNS (<i>south of 11th Street between Charleston Blvd and the Port of Washington Narrows</i>)	For continued NBK-BR and PSNS operations, accessibility to the base and PSNS must be maintained or improved as part of this project
Metrics	<ul style="list-style-type: none"> • Efficiency of mobility for all users • Safety • Ability to improve multi-modal connectivity • Parking for businesses & residents • Improvement to health • Increase in walkable housing options 	<ul style="list-style-type: none"> • Travel times • Options for access (bus, bike, walk) • Access to parking • Efficiency of entry points (delay at entry) • Simplicity of access • Availability of transportation options for return trip • Increase in walkable housing options

Base Accessibility & Livability

Study Goal Area	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative	Preferred Alternative
Base Accessibility: Improve Base accessibility for NBK-BR workers.	↗	➔	↗	↗
Livability: Improve overall livability for Bremerton residents.	↗	↑	↗	↑

Preferred Alternative scores well for Base Accessibility (improved travel times; improved access at Base gates with extra lanes) AND scores high for livability

Balancing Livability and Base Accessibility

- Projects proposed to create a Livable Downtown will also provide benefits to NBK-BR and PSNS:
 - Increase housing options near the Base
 - Easier, safer to access the Base by alternate modes
 - Building a more vibrant, safe and “livable” downtown that is attractive is a benefit to everyone and positive impact on workforce attraction and retention

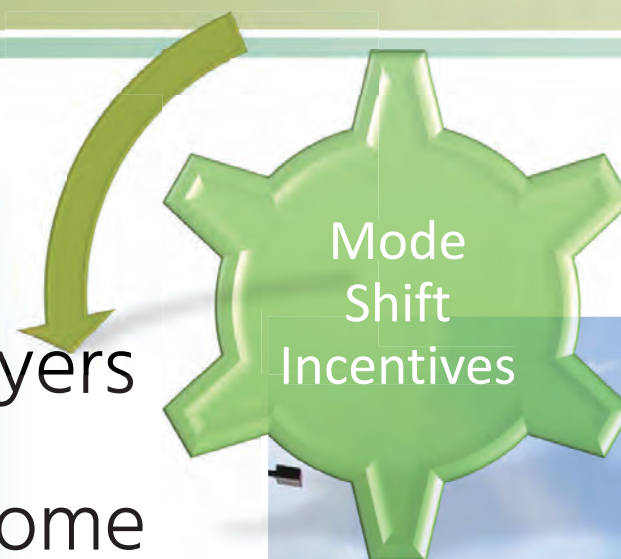
Balancing Livability and Base Accessibility

- ✓ As downtown redevelops, it is likely that paid private parking will become scarce.
- ✓ Recognizing the need for more parking, City is committed to exploring partnership opportunities to build more parking in strategic locations outside of downtown
- ✓ Couple additional parking with strategic capacity projects that make it easier to get to this additional parking
- ✓ Provide shuttle service to get from additional parking to downtown quickly, efficiently and safely
- ✓ Mode shift will also help decrease volumes on the roads into downtown, providing a travel time benefit for both the shuttle service users and those commuters who still need to drive into downtown

Livability Centered *Mode Shift Incentives*

NBK-BR and other major employers will need to encourage their workforce to change modes. Some strategies supported by our survey data are:

- Educate commuters about modal options and emergency services
- Expand and support carpool/vanpool programs
- Incentivize alternative forms of transit
- Provide flexible options



- **DISCUSSION – what is feasible/not feasible for NBK-BR and PSNS?**

Next Steps

- Refine PA based on feedback
- Present PA to Council
- Finalize PA and draft the plan and report
- Bring the draft plan and report to Council for adoption
- Finalize plan and report



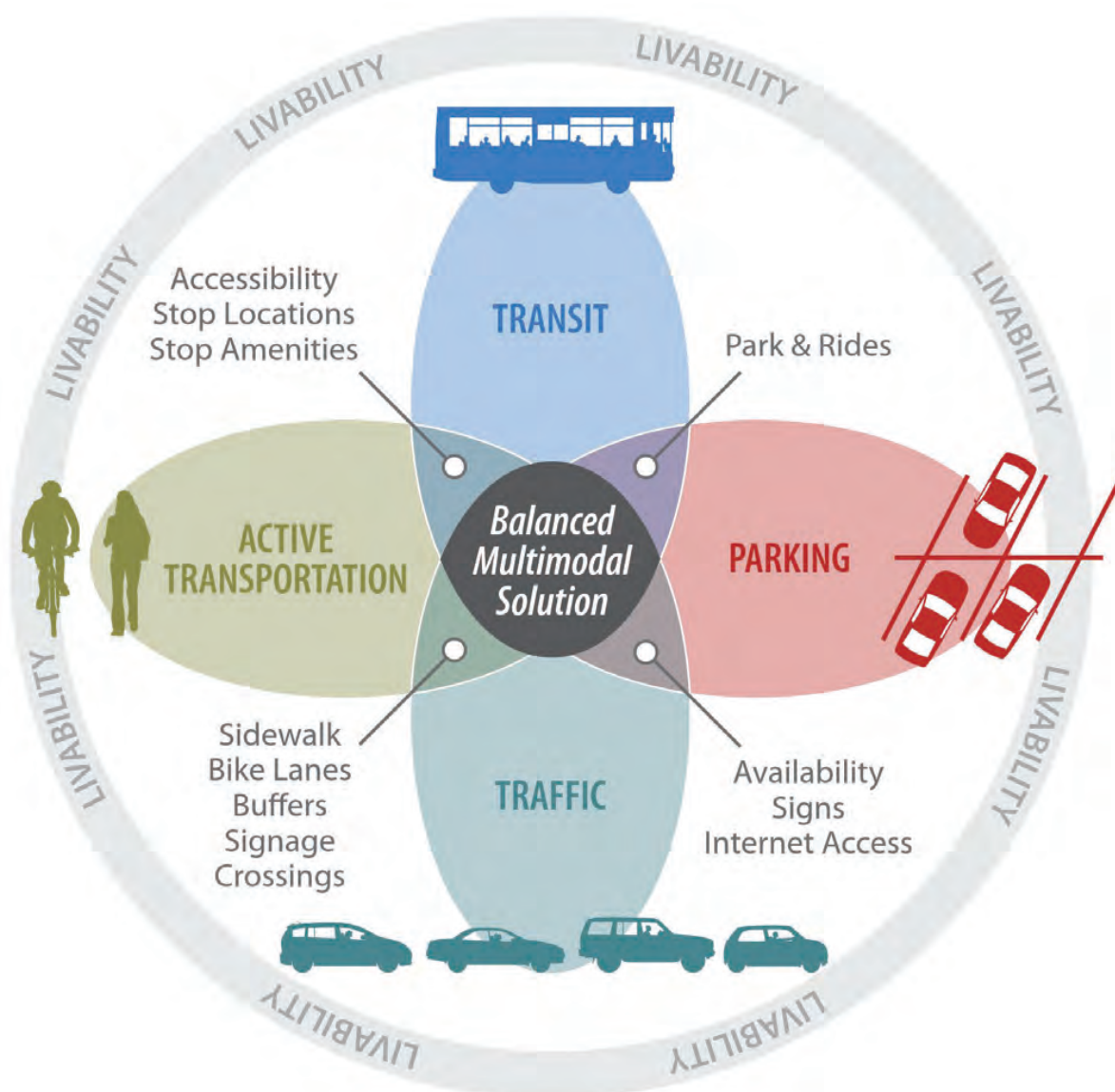
Joint Compatibility Transportation Plan

**Community Sounding Board Meeting #6
05/17/23**

Agenda

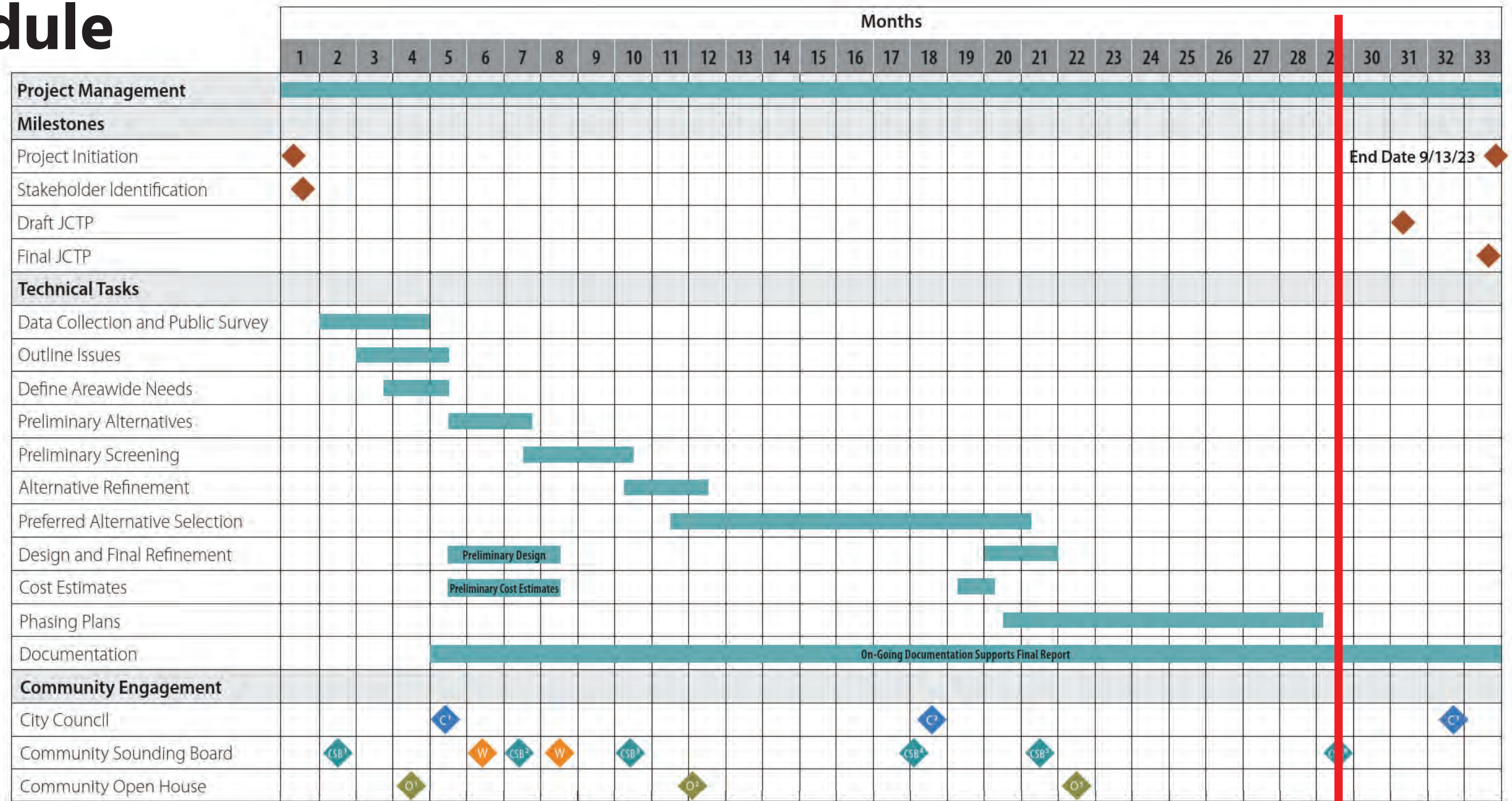
- Introductions
- Schedule check-in
- Summary of comments on draft preferred alternative
- Crosswalk to preferred alternative
- Phasing possibilities
- Discuss next steps

Project Goals



- Examine existing and future need for all transportation modes serving NBK-BR
- Develop solutions to resolve deficits
- Evaluate options to mitigate transportation and parking demands
- Develop a prioritized implementation plan

Schedule



◆ Project Milestone ◆^{CSB} Community Sounding Board Meeting ◆^O Open House ◆^C City Council ◆^W Workshops

Preferred Alternative

- Preferred Alternative comprises elements of the 3 alternatives that will help create the vision of livability. Key elements include:
 - ✓ Provide additional parking outside of downtown in strategic locations
 - ✓ Build capacity projects that make it easier to get to this parking
 - ✓ Provide shuttle service to get from additional parking to downtown quickly, efficiently and safely
 - ✓ Focus on creating a safe, efficient network of sidewalks and bike lanes in downtown and neighborhoods surrounding the Base

Input on Preferred Alternative

- Project team solicited input on the Preferred Alternative:
 - ✓ CSB presentation in September 2022
 - ✓ Held an Open House in October 2022 to get public input
 - ✓ Briefed the Public Works Committee in October 2022
 - ✓ Met with the Navy and Shipyard staff in February 2023 to discuss feedback
- Incorporated what we heard into a revised Preferred Alternative

Preferred Alternative – Key Input from Community Sounding Board

- Structured parking on base is difficult due to funding constraints
- Kitsap Transit moving toward smaller park and rides in mixed use centers instead of big lots. This will lower costs and address safety concerns
- Thoughts about how housing and housing affordability impact project
- Discussion about ways to incentivize transit and the issues with worker/driver busses

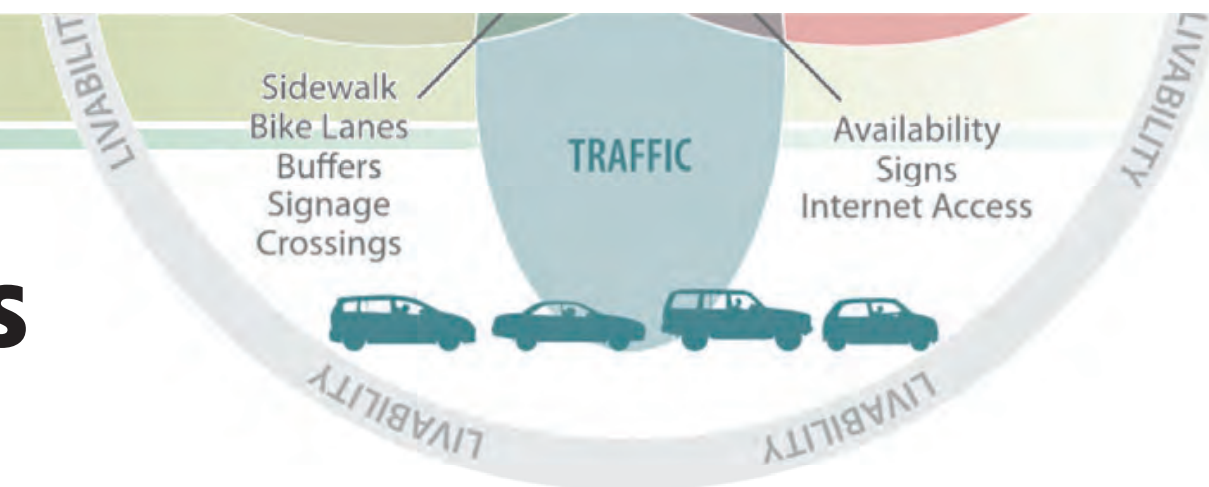
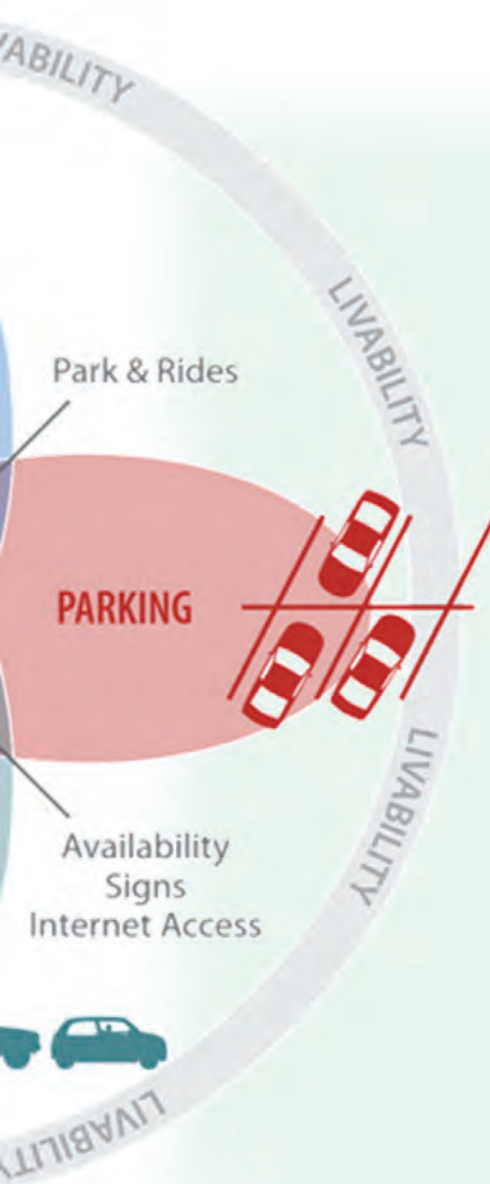
Preferred Alternative – Key input from Open House #3

- Hosted third and final virtual Open House on 10/6/22
- Shared the evaluation process that led to the preferred alternative
- Shared the preferred alternative
- Comments were generally in support of the plan, especially related to pedestrian and bicycle improvements
- Some concerns about how Shipyard Infrastructure Optimization Program (SIOP) will impact traffic in the short/mid term

Preferred Alternative – Key input from NBK-BR

- Include lighting upgrades as part of any design project
 - Most of the workforce arrives between 4:00-7:30 am
 - Would help improve visibility and safety for active transportation users
- Further coordination needed on the Jackson Park bike route
- Consider a flyover ramp from SR 3 SB to SR 304 (Charleston Blvd)
- Concerns over road diets
 - Reduced capacity could lead to congestion in the AM peak
 - Requested additional data and analysis of those projects

Preferred Alternative Changes

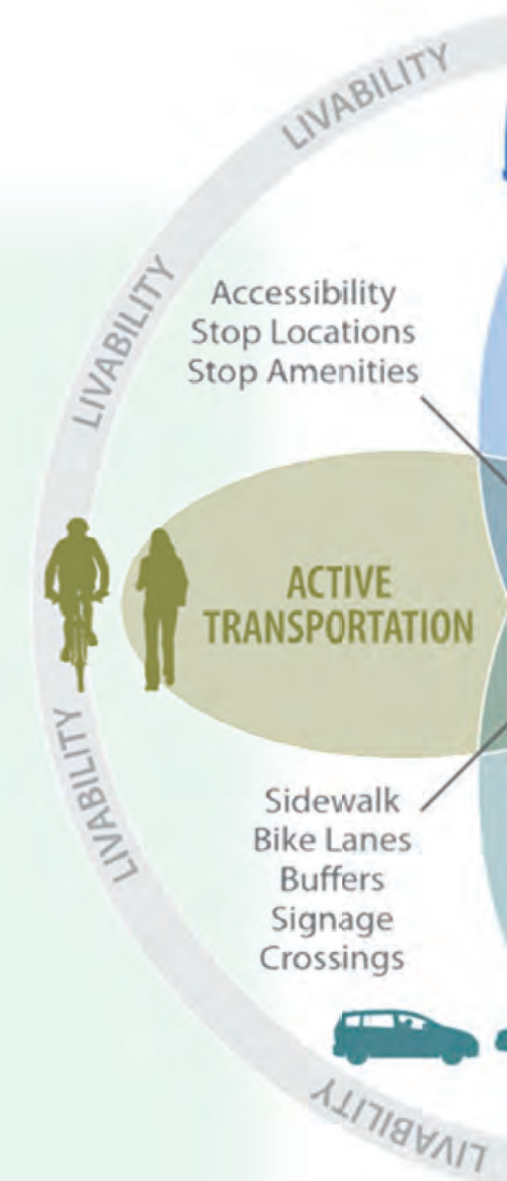
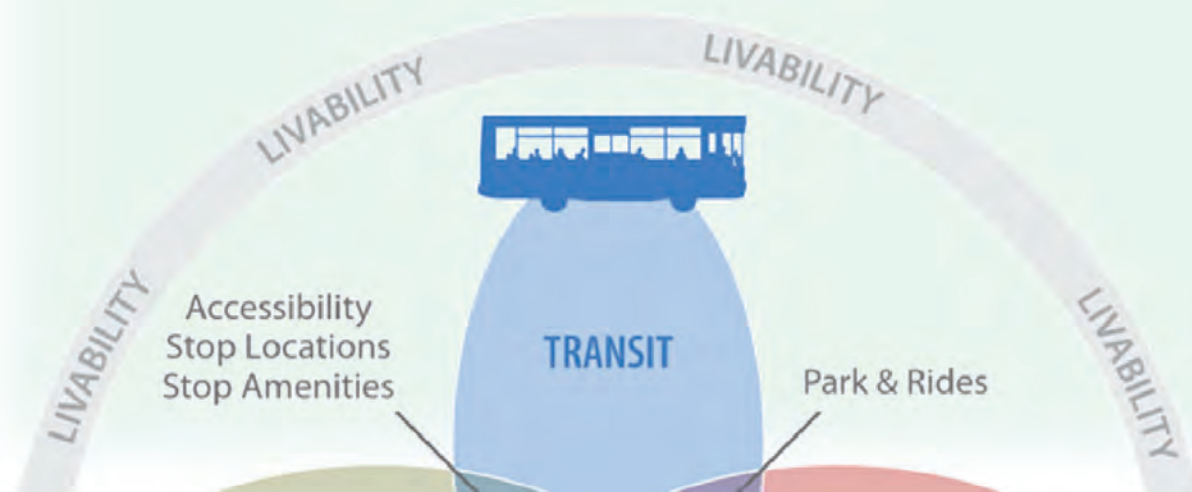


- Adjusted parking strategies to highlight active management and implement permits and paid parking as needed
- Establish a transportation management association
- Re-evaluated and confirmed the feasibility of road diet projects
- Added all-way walk at Pacific Ave/Burwell St
- Recommend NBK-BR review need for ramp from southbound SR 3 to eastbound SR 304 (Charleston Blvd) as part of upcoming EIS for Bremerton Waterfront Infrastructure Improvements at PSNS and IMF*

* Suggested language from WSDOT; need discussion with NBK-Bremerton

Preferred Alternative Changes

- Align projects and language with Kitsap Transit's plan
- Reflect plans for smaller park and ride lots
- Support development of Gateway property
- Highlight active transportation improvements on 1st St from Callow Ave to Naval Ave
- Revise language for Shorewood Dr bike facilities project to reflect need to further coordinate with Navy
- Include need to improve ped/bike facilities near transit stops and park and rides



Preferred Alternative – Implementation

- Refined project descriptions to add clarity and more detail, based on feedback from CSB, Open House, and NBK-BR comments
- Separated projects into two categories:
 - 1) capital improvements and 2) policies
- Identified “owner agency” for each project
- Identified relationships to other projects including necessary predecessors

Preferred Alternative – Project Phasing

- Four categories used to help prioritize projects:
 - JCTP goals
 - Cost level
 - Ease of implementation
 - Funding
- Project with highest scores recommended for early phasing
- Final phasing reflects relationship between projects

Preferred Alternative – Ongoing & Early Actions

Highlights of some actions that are underway

- Education – survey responses indicated that there is a big opportunity to increase knowledge about commuting options
- NBK-BR Gate Management– recent gate management at Naval and Montgomery gates meets needs for the project
- Teleworking – most NBK-BR workforce cannot telework, however for those that can the impact is significant
- Parking Study Implementation – since 2017 study, many of the recommendations have been put in place including increased enforcement and a license plate reader
- Improved lighting – Bremerton has invested over \$500k to upgrade downtown area to brighter led fixtures in '22 & '23
- Density – Comprehensive plan update will address ways to encourage growth and density in ways that support City and regional goals

Preferred Alternative Short-Term Capacity Projects (0-6 yrs)

- Funding for Naval and 6th Street Road Diets is currently being pursued by City and the Naval Avenue Project has funding for design and ROW acquisition.

Project Code	Project Description	Owner Agency	Partner Agencies
C40	Naval Avenue Road Diet	City of Bremerton	
C24	6th Street Road Diet	City of Bremerton	
AT15	Add a shared-use path on south side of 1st St between Naval Ave and Callow Ave	City of Bremerton	
AT5	Within the 10-minute walksheds of base gates, upgrade and/or add sidewalks; upgrade marked and unmarked crossings to be ADA compliant	City of Bremerton	
C20	Change signal timing to include all-way pedestrian phase at State St/Burwell St, Park Ave/Burwell St, and Pacific Ave/Burwell St intersections	City of Bremerton	
C35	Adaptive signal timing at 19 signalized intersections along Kitsap Way, 6th St, and 11th St	City of Bremerton	
C38	Build projects proposed in Bremerton Strategic Road Safety Plan, per updated plan (2022). Includes adaptive signal timing along Burwell St and pedestrian crossing treatments at 6th St/Hewitt Ave and Burwell St/Washington Ave	City of Bremerton	
AT48	Add bike facilities on Shorewood Dr to connect to Kitsap Way and to downtown Bremerton. Navy should consider improving path from Grays Harbor Court to Shorewood Drive to provide connection for Jackson Park to city facilities.	City of Bremerton	NBK-BR
C31	Pedestrian/bike improvements within 5 minute walkshed of park and rides or transit hubs (existing and proposed)	City of Bremerton	Kitsap Transit
AT27	Improve the sidewalk conditions in the neighborhood west of Charleston Blvd	City of Bremerton/ Kitsap County	
AT55	Construct bike lanes on Park Ave from 4th St to 6th St	City of Bremerton	
AT19	Install secure covered bike parking inside NBK-BR, PSNS, and outside gates	NBK-BR	
B3	Improve or manage vehicle input at NBK-BR gates in the AM peak to decrease queuing on City streets	NBK-BR	
B18	Allow input at Montgomery gate during AM peak hours and allow output during PM peak hours	NBK-BR	
C14	Study need for a new off-ramp from southbound SR 3 to eastbound SR 304 as part of the Navy's EIS for Bremerton Waterfront Infrastructure Improvements at PSNS and IMF* <i>*suggested language from WSDOT, needs discussion with NBK-Bremerton</i>	NBK-BR	WSDOT, City of Bremerton



Preferred Alternative Short-Term Policy Projects (0-6 yrs)

- Parking, transit, enforcement, and NBK-BR policy changes can be implemented

Project Code	Project Description	Owner Agency	Partner Agencies
AT1	Support Kitsap Transit's redevelopment of the Gateway Park and Ride property located at 6th St and Montgomery Ave	City of Bremerton	Kitsap Transit
CTR1	Maintain telework options currently available to DOD employees	NBK-BR	
CTR3	Improve NBK-BR/Kitsap Transit Worker Driver Bus program by making changes to reimbursement process and easing use requirements	NBK-BR	City of Bremerton, Kitsap Transit
CTR11	Improve NBK-BR/Kitsap Transit Worker Driver Bus program by using technology and active management to optimize routes and by adding "late" routes and/or alternative shift routes	Kitsap Transit	NBR-BR
CTR12	Study increased foot-ferry capacity between Bremerton and Port Orchard to align with Kitsap Transit's Long Range Transit Plan	Kitsap Transit	City of Bremerton, City of Port Orchard
CTR4	Reduced fare and regular bus passes. Reduced fare based on income	Kitsap Transit	
O6	Better enforcement of HOV lanes	Washington State Patrol	City of Bremerton
AT14	Support planning efforts for SR 3 in Gorst.	WSDOT	City of Bremerton, NBK-BR, Kitsap County, Port of Bremerton, Port Orchard

Preferred Alternative Mid-Term Projects (6-20 yrs)

- Added parking outside of downtown is high cost and requires implementation of other projects (e.g. increased transit service)

Project Code	Project Description	Owner Agency	Partner Agencies
AT2	Construct a mobility hub at the southwest corner of Park Ave and 4th St for first/last mile connections	City of Bremerton	Kitsap Transit
C26	Traffic Management Center that includes IT infrastructure to support adaptive signals (e.g. Cloud based technology)	City of Bremerton	
C41	Convert signal at Naval Ave/6th St to a roundabout	City of Bremerton	
PM15	Implement paid on-street parking in the downtown subarea	City of Bremerton	
PM2	Implement permit only parking in residential neighborhoods adjacent to and surrounding NBK-BR	City of Bremerton	
PC6	Add approximately 700 stalls north and west of SR 3; planned Kitsap Transit park and ride near Auto Center Way is a potential location for some of the parking stalls.	Kitsap Transit	
PC4	Add approximately 225 stalls north of NE McWilliams Rd on SR 303	Kitsap Transit	
PC3	Add approximately 1,150 new parking stalls south of Gorst (e.g. PSIA airport)	Kitsap Transit	City of Bremerton
T8	Shuttle service between Park and Rides and downtown Bremerton (regular bus route with high frequency)	Kitsap Transit	NBK-BR
T6	More bus routes and greater frequency (10-15 minute headways) to NBK-BR, including early morning and late evening routes	Kitsap Transit	NBK-BR
PM3	Establish a transportation management association. This is typically a non-profit established as a public/private partnership with funding primarily from major employers. Funding is used to support expansion of commuter transportation options as alternatives to single-occupancy vehicles through education, programs, and incentives.	Kitsap Transit	City of Bremerton, NBK-BR, Port of Bremerton, WSDOT
C1	Convert signals at SR 3/Kitsap Way interchange to roundabouts	WSDOT	City of Bremerton
C2	Convert stop sign and signals at SR 3/W Loxie Eagans Blvd interchange to roundabouts	WSDOT	City of Bremerton



Preferred Alternative Long-Term Projects (20+ yrs)

- Additional parking at NBK-BR is high cost and requires federal approval

Project Code	Project Description	Owner Agency	Partner Agencies
C29	Build projects proposed in SR 303 Corridor Study - prioritize capacity projects including RABs and BAT lane	City of Bremerton	Kitsap County Kitsap Transit
B7	Maximize the efficient use of parking stalls on NBK-BR installation and construct additional parking	NBK-BR	

Next Steps

- Draft the plan and report
- Bring the draft plan and report to Council for adoption
- Finalize plan and report

Appendix C

Community Engagement Summary





Joint Compatibility Transportation Plan

Final Community Engagement Summary

October 2023

Overview

Compared to other Washington cities of its size, Bremerton has unique traffic and parking issues. These are largely thanks to its proximity to a major military employer - Naval Base Kitsap - Bremerton (NBK-BR). People living and working in Bremerton experience traffic surges at shift changes, limited parking, and older, car-focused infrastructure can exacerbate problems.

The City of Bremerton projects more people will move to the area in coming years, placing even greater demand on transportation infrastructure. By 2050, peak hour traffic volumes will increase by 30%, with two-thirds of traffic going to and from NBK-BR.

The City and NBK-BR are partnering to create a plan to address transportation issues and ensure the City's growth will not impede NBK-BR military missions. The US Department of Defense granted the City and NBK-BR \$750,000 to create a transportation plan that:

- Examined existing and future need for all transportation modes serving NBK-BR
- Developed solutions to resolve deficits
- Evaluated options to mitigate transportation and parking demands
- Developed a prioritized implementation plan

Over two years, the City and NBK-BR examined needs for all transportation modes in the city. The study evaluated options to mitigate transportation and parking demands and recommended a preferred alternative.

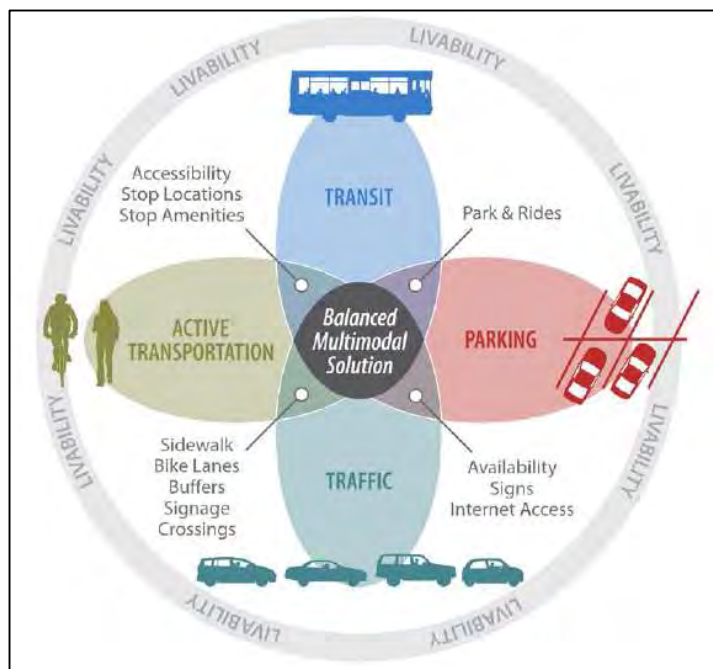
The Preferred Alternative reflects input from community and partner audiences and includes additional parking outside of Downtown, roadway capacity improvements, parking policies that improve and reduce NBK-BR commuter parking in Downtown, additional transit capacity and reliability, and active transportation improvements in Downtown and near NBK-BR.

Community Engagement

The City and NBK-BR led an open community engagement process with opportunities to inform and engage community members and key partners.

As part of their effort to reach as many people as possible, the study team convened a Community Sounding Board (CSB) representing key partners and held an online survey and virtual public meetings at key study milestones.

The study team outlined the following engagement goals (see the Community Engagement Plan in Attachment A):



From the final presentation to the Community Sounding Board



- Provide an open and transparent decision-making process through constructive two-way communication between the study team and the public.
- Provide early and ongoing opportunities for community members to raise issues and concerns and to provide input that the study team will consider.
- Proactively inform and engage all community members regardless of race, ethnicity, age, disability, income, or primary language.
- Build community understanding of findings and recommendations.

The study team engaged the public early in the process to create three draft Build Alternatives. Later, the study team collected feedback on these alternatives. Once the City Council selected the Preferred Alternative, the study team used community feedback to further refine the plan.

The City involved community partners, including neighbors, roadway users, community-based organizations, active and retired military members, regulatory agencies, elected officials, businesses, property owners, and interested individuals.

The study team helped community members to understand what decisions they can influence, how the City will use their input, and how to contact the City for further information. A variety of accessible opportunities and easy-to-understand materials helped to explain key aspects of the study. The study team heard from a range of community members throughout the study process and documented the influence of community input and priorities.

Key themes

Several themes emerged from the community feedback collected over the course of the study.

- Safe routes to bike and walk are important to residents and workers. The City should prioritize gaps in sidewalk and bike lane networks and provide safe walking and biking for commuters and near the ferry terminal.
- Respondents want better transit options, including more and frequent transit stops, and would like to see if a shuttle service could help improve connections.
- Parking, especially Downtown, is a headache. Many would like the City to explore solutions to relieve parking demand, including providing incentives to use alternative travel, implementing residential parking permits or adding parking garages.
- Traffic flow is a problem, especially during shift changes.

Community Sounding Board Meetings

Input from the CSB was critical to the plan development and refinement.

The CSB represented organizations with common interest in the study goals and provided guidance and oversight to the study team. The City convened the CSB in collaboration with the Mayor's office and included staff and council members from the City of Bremerton, representatives from the Bremerton Chamber of Commerce, Puget Sound Naval Shipyard, WSDOT, Suquamish Tribe, Port of Bremerton, Kitsap County and Kitsap Transit.

The CSB reviewed data collected at public open houses and surveys. Later in the process, the CSB reviewed and provided feedback on plan alternatives. The CSB met six times between 2021 and 2023. Additional agency representatives not included in the CSB participated in one or both of the workshops in summer 2021 or in CSB meeting #4.

Project Management Team

- Katie Ketterer – City of Bremerton
- Tom Knuckey – City of Bremerton
- Shane Weber – City of Bremerton



Community Sounding Board

- Kevin Gorman – Bremerton City Council
- Michael Goodnow – Bremerton City Council
- David Emmons – Bremerton Chamber of Commerce
- Denise Frey – Bremerton Chamber of Commerce
- Garrett Jackson – City of Bremerton
- Mayor Greg Wheeler – City of Bremerton
- Melinda Monroe – City of Bremerton
- Vicki Grover – City of Bremerton
- David Forte – Kitsap County
- Melissa Mohr – Kitsap County
- Ed Coviello – Kitsap Transit
- Allison Satter – NBK-BR
- Nicole Leaptrot-Figueras – NBK-BR
- Sara Oliveira – NBK-BR
- Fred Salisbury – Port of Bremerton
- George Mazur – WSDOT
- Matthew Pahs – WSDOT
- Pamela Vasudeva – WSDOT

Workshop Attendees

- Sara Felty – City of Bremerton Police
- Steffani Lillie – Kitsap Transit
- Michael Dabling – NBK-BR
- James Cook – PSNS
- Para Kan – PSNS

CSB Meeting #4 Special Attendees

- Kate Milward – City of Bremerton
- Ned Lever – City of Bremerton
- Charlotte Garrido – Kitsap County
- John Clauson – Kitsap Transit
- Captain Richard Massie – NBK-BR
- Rick Tift – PSNS
- James Cook – PSNS
- Para Kan – PSNS

The JCTP CSB was kicked off in January 2021. The schedule for the CSB meetings and the topics discussed are shown in the table below. These meeting dates were scheduled to ensure that public input was received at each of the study decision points. CSB meetings were used to gather information from key representatives from various interested agencies, organizations, and jurisdictions. This information was then used to create materials for public input on the direction, findings, and recommendations of the study. Meeting summaries for the six CSB meetings are included in Attachment B.



Community Sounding Board Meeting Schedule

Meeting	Date	Meeting Topics
CSB Meeting #1	January 28, 2021	Project overview and goals, community engagement, discuss early project ideas
Workshop #1	June 16, 2021	Public information survey results, baseline conditions analysis and identified needs, modal breakout rooms to brainstorm improvements
CSB Meeting #2	July 7, 2021	Public information survey results, baseline conditions analysis and identified needs, preliminary Build Alternatives, screening approach
Workshop #2	August 13, 2021	First Level Screening results and draft Build Alternatives
CSB Meeting #3	October 26, 2021	Build Alternatives and Second Level Screening results
CSB Meeting #4	June 1, 2022	Discussion of two future visions: Livability Centered Vision or Capacity Centered Vision <i>Note: This meeting included an expanded invitation list. The special attendees are listed above.</i>
CSB Meeting #5	September 21, 2022	Preferred Alternative projects and screening results
CSB Meeting #6	May 17, 2023	Updated Preferred Alternative projects and project phasing

Themes we heard from the Community Sounding Board

Active transportation

The CSB noted the area has poor sidewalks and sidewalk connectivity and difficult street crossings – despite the fact that 10,000 pedestrians walk onto NBK-BR every day. The CSB advocated for improved access for people walking and biking.

Transit

The CSB identified barriers to using transit including infrequent bus service and poor active transportation facilities near bus stops. Planned increases in housing density will help increase ridership.

General purpose traffic

The CSB cited traffic surges and delays especially during NBK-BR shift changes, and problems at intersections. The CSB reviewed crash and lighting data and emphasized the importance of pedestrian safety. CSB members asked that the plan recommend alternatives to driving such as buses, carpools, vanpools and biking and free or reduced bus passes and incentives for telework. These options would help to reduce traffic issues caused by car trips.

Parking

In Downtown Bremerton, demand for parking exceeds supply. The City is looking into private/public partnerships to address parking shortages. During their meetings, CSB members learned that a structure for parking on NBK-BR is now on the list of funding priorities and that the City is unlikely to reduce the minimum residential parking requirements.

Additional comments from the CSB

When reviewing the livability- and capacity-centered visions proposed by the study team, the CSB observed that the two visions were not mutually exclusive and that elements from each could be included in the final plan.

CSB members reviewed the Preferred Alternative’s draft implementation plan and requested greater consistency between regional planning documents like the Kitsap Transit Long Range Plan, lighting improvements, and additional study of the SR 3 southbound flyover ramp.



Complete Streets Committee

The City of Bremerton's Complete Streets Committee was formed in 2021 to provide advice to Public Works to implement the complete streets vision as outlined in Bremerton Municipal Code 11.10. The Committee is comprised of appointed community members. The study team gave presentation regarding the Joint Compatibility Transportation Plan to the Complete Streets Committee on November 4, 2021 and May 17, 2022. Meeting summaries for the two Complete Streets Committee meetings are included in Attachment C.

Themes we heard from the Complete Streets Committee

Feedback from the Complete Streets Committee helped the study team to identify community needs and priorities, refine and create draft Build Alternatives, and finally, to select the Preferred Alternative. At the November 4, 2021 meeting, the Committee participated in a poll that helped prioritize needs to be addressed in the survey. Safety, Active Transportation, and Livability were among the highest priorities of the Committee.

Quantifiable effects

Participants were interested in how the study would balance easily measurable effects, like the cost of parking garages, with less measurable effects like home prices.

Transit incentives

Participants suggested incentive programs to encourage NBK-BR workers to choose transit over single-occupancy vehicles.

Pedestrian and bicycle connectivity

Participants noted that it is important to consider the needs of pedestrians and bicycles separately as they have different needs.

Virtual Open Houses

The study team held three virtual open houses to provide a convenient and accessible way for Bremerton residents to provide input to the plan and for the City to share project updates and study results while limiting in-person gatherings due to COVID-19. During the first virtual open house (February 9, 2021), the City introduced the study, explained why the City and NBK-BR are studying ways to improve travel options in the City, and encouraged input on community priorities to inform the plan. During the second virtual open house on December 2, 2021 the study team presented and gathered input on the baseline conditions findings and draft concepts. The third virtual open house (October 11, 2022) shared how community input shaped the Preferred Alternative. Each virtual open house included an opportunity for community members to ask questions and make comments on the project. Meeting summaries for the three virtual open houses are included in Attachment D.

Additionally, the City hosted a topic specific virtual open house regarding the proposed east-west bike corridor and roadway re-channelization projects on 6th Street. This meeting was held on November 3, 2022 and shared the plan to improve bicycle and pedestrian facilities on the 6th Street corridor from Washington Avenue to Callow Avenue.

Notifications

The study team promoted the virtual open house through a variety of channels, including:

- Email invitations sent to community members who completed or expressed interest in the study.
- Email invitations sent from CSB members to their constituencies.
- Social media posts advertised on the City's Facebook page.
- Announcements at City Council meetings.
- Flyers to local businesses and community-based organizations.
- Announcements on project partner websites including the NBK-BR website.



- Advertisements on message boards located on SR 3 and on SR 303.
- Postcard invitations to residents and businesses along 6th Street (for the 6th Street meeting only).

Themes we heard at the virtual open houses

Community feedback from the virtual open houses helped the study team to identify community needs and priorities, refine and create draft Build Alternatives, and finally, to select the Preferred Alternative. Attendees were especially interested in improving pedestrian and cyclist safety in Downtown and finding ways to incentivize moving away from car travel. Attendees wanted infrastructure investments, better parking, access to transit, and connections for people walking and biking.

Safety and accessibility

In each meeting, participants noted safety and accessibility as key priorities. Participants encouraged the study team to include bike lanes and wider sidewalks and also supported roadway changes to encourage slower vehicle speeds.

Parking

Participants expressed concern about lack of available parking, especially during the busiest times of day and near NBK-BR. Some suggested building parking garages and considering alternative transportation options such as carpooling, shuttles, cycling or shared electric scooters and transit to relieve parking pressure.

Transit connections

Participants supported providing more transit options to help relieve traffic, including more frequent buses, added bus stops and financial incentives to use transit. Participants also asked about adding shuttles to parking and transit.

Pedestrian and bicycle connectivity

Participants noted connections for people walking and biking as one of the most important corridor needs. Participants support more bike lanes and pedestrian walkways, especially through Downtown and over the Warren Avenue Bridge.

Online comments

During the study, residents emailed comments to City staff. The requests included better bus connections between Bangor and Bremerton, more bike racks at the ferry terminal and Downtown, additional parking solutions for workers and residents, increased safety for pedestrians (including people with disabilities) along Burwell Street and elsewhere in the area and streamlining the process for vanpools serving NBK-BR.

The West Sound Cycling Club Advocacy Committee submitted a study and several sets of illustrations, diagrams and comments showing their plan for improved bicycle safety and storage in the city. The group advocated for prioritizing a safe bike network, including an east-west corridor and two north-south corridors, along with other improvements such as safer crossings at busy streets like Warren Avenue and a road diet on 6th Street.

Public Information Survey

The City of Bremerton also invited community input through a public information survey that was open from February 3 to 28, 2021. The survey asked participants about their travel habits both before and during the COVID-19 pandemic and invited them to share input on how to improve transportation in Bremerton and NBK-BR. A total of 557 people completed the survey. Survey topics included trip origins and destinations, trip frequency, trip purposes, mode choice, impact of COVID-19 on travel behavior, issues that would influence travel mode after COVID-19, and ways to improve travel in Bremerton.



The City promoted the survey to Bremerton residents through the City's JCTP website, a billboard, social media, email, email updates and flyers and during the February 9, 2021 virtual open house. Survey respondents represented people with a range of genders, ages, incomes, races, ethnicities, and locations in the Bremerton area.

Respondents said investments in parking, traffic flow, and non-drive alone travel modes would improve travel in Bremerton. Respondents wanted to see more parking options, better traffic flow, more infrastructure for walking and biking, and a more reliable transit system, including the ferry system. Respondents wanted to see changes in shipyard policies to encourage telecommuting and staggering shifts and shuttle services.

About half of survey respondents reported that they live in Bremerton, with 21% in Port Orchard and the rest a mix of nearby communities. 85% of respondents identified as white and 53% as male.

The public information survey summary is included in Attachment E.

Themes we heard from survey respondents

Convenience is a top reason that people drive alone.

Top three reasons respondents would drive alone instead of using an alternative travel mode for trips to and in Bremerton include:

- Riding the bus is inconvenient or takes too long
- Respondents like the convenience of having their car
- Respondents have to make stops on their way to/from work

More convenient service (faster trips, longer operating hours) would motivate respondents to use transit more often.

Top three features that would motivate respondents to use (or use more often) public transit for trips to or in Bremerton include:

- More frequent transit services
- Extending transit operation time
- Express service with fewer stops

Increased shift flexibility and extended operating hours would improve the worker/driver bus program.

Top three things that would improve the Worker/Driver bus program for trips to the shipyard include:

- Increased shift flexibility
- Extended transit operation time
- Changes to minimum usage requirements

Free services (parking, ride home) and reserved parking near workplace would motivate respondents to use vanpool more often.

Top three things that would motivate respondents to use a vanpool (or vanpool more often) for trips to or in Bremerton include:

- Free parking for vanpoolers
- Free ride home in case of emergencies
- Reserved parking for vanpoolers near workplace

Free or reserved parking and reserved parking near workplace would motivate respondents to carpool more often.

Top three things that would motivate respondents to carpool (or carpool more often) for trips to or in Bremerton include:

- Free parking for carpoolers



- Reserved parking for carpoolers near workplace
- Free ride home in case of emergencies

About one-third of respondents thought having “protected or separated bike lanes” would motivate them to bike.

Top three things that would motivate respondents to bike (or bike more often) for trips to or in Bremerton include:

- Protected/separated bicycle lanes/trails
- New bike lanes
- Improved existing bike lanes

Respondents said roadway and shipyard access improvements were among the most important projects to improve travel in Bremerton.

According to respondents, the three most important projects to improve travel include:

- Roadway capacity projects
- Shipyard access improvements
- Roadway efficiency projects

Respondents suggested investments in parking, traffic flow, and non-drive along travel modes would improve travel in Bremerton.

Next Steps

In response to community feedback, the City updated the Preferred Alternative and will present a final report to City Council in Fall 2023. The City will incorporate Council feedback and continue to update the community and provide opportunities for public input as they advance through the design, environment, and construction phases of this project.



Attachment A. Community Engagement Plan

Joint Compatibility Transportation Plan Community Engagement Plan

Prepared for

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CITATION

Parametrix & PRR, 2021. Joint Compatibility Transportation Plan
Community Engagement Plan. Prepared by Parametrix & PRR,
Seattle, Washington. January 2021.

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ACRONYMS AND ABBREVIATIONS

CBOs	community-based organizations
City	City of Bremerton
CTR	Commute Trip Reduction
KCR	Kitsap Community Resources
NBK-BR	Naval Base Kitsap-Bremerton
PSNS	Puget Sound Naval Shipyard
PSRC	Puget Sound Regional Council
WSDOT	Washington State Department of Transportation
WSU	Washington State University

1. OVERVIEW

The City of Bremerton (City) is experiencing significant change as more people discover all this vibrant maritime community has to offer. Naval Base Kitsap – Bremerton (NBK-BR) and the Puget Sound Naval Shipyard (PSNS) help sustain Bremerton’s economy, employing 20,000 to 30,000 military, civilian employees, and defense contractors, making it the largest employer in Kitsap County. NBK-BR provides critical services, programs, and facilities that meet the needs of both enlisted and civilian personnel across the Kitsap Peninsula.

NBK-BR is located near the City’s downtown core and close to a variety of residential and commercial neighborhoods. The City recognizes that growth in this area must be compatible with NBK-BR’s military missions while meeting other goals of Bremerton’s comprehensive plans such as: fostering growth, protecting the environment, encouraging economic development, and promoting community health and equity

The City and NBK-BR are developing the Joint Compatibility Transportation Plan to define solutions to improve mobility, outline parking strategies, and help create a vibrant community that invites people to live, work, and play. This community engagement plan outlines the City’s goals and strategies to engage community members and partners in the planning process.

2. STUDY AREA

The study area is located primarily within the City (see Figure 1), with particular focus on the area surrounding NBK-BR. The study team will also collect data on where people are coming from as they travel to Bremerton and NBK-BR.

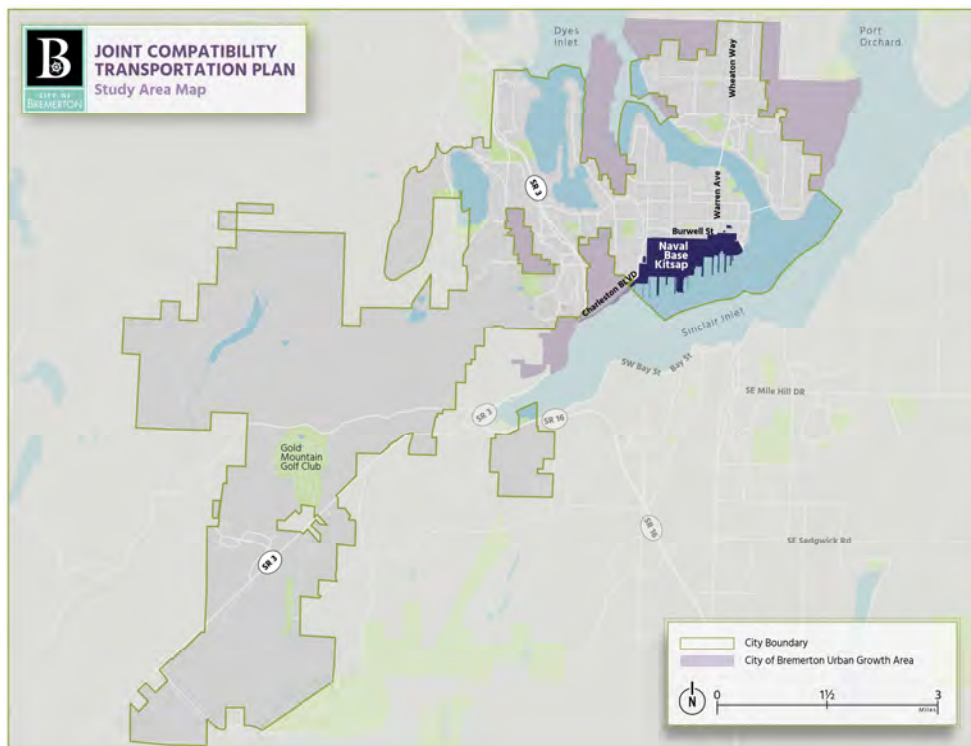


Figure 1. Joint Compatibility Transportation Plan Study Area Map

3. PLAN GOALS AND OBJECTIVES

The Joint Compatibility Transportation Plan will outline regional transportation network improvements necessary to provide transportation resilience and maintain NBK-BR accessibility and critical mobility, NBK-BR personnel quality of life, and economic vitality for the City. Study recommendations will guide the City and NBK-BR in identifying and developing future solutions.

The City and NBK-BR will engage project partners and the community to develop a plan that will:

- Recommend transportation solutions that improve livability, mobility, and operational effectiveness for NBK-BR.
- Ensure that the strategies are compatible with existing land use and transportation plans.
- Clearly outline short-term, mid-term, and long-term actionable projects with a possible implementation plan and funding sources.

4. COMMUNITY ENGAGEMENT GOALS AND OUTCOMES

The City and NBK-BR are committed to providing an open community engagement process with opportunities to inform and engage the community and key partners. We will invite community members to interact with study team members and ask questions on issues of interest or concern throughout the study process.

The following goals and desired outcomes will guide our community engagement efforts.

4.1 Goals

- Provide an open and transparent decision-making process through constructive two-way communication between the study team and the public.
- Provide early and ongoing opportunities for community members to raise issues and concerns and to provide input that the study team will consider.
- Proactively inform and engage all community members regardless of race, ethnicity, age, disability, income, or primary language.
- Build community understanding of findings and recommendations.

4.2 Desired Outcomes

- Community members understand what decisions they can influence, how the City will use their input, and how to contact the City for further information.
- The City develops accessible opportunities and easy-to-understand materials to explain key aspects of the study.
- The City hears from a range of community members throughout the study process.
- Clear documentation of how community input and priorities influenced the study.

5. DEMOGRAPHICS

The total population of the City is just over 40,600, living in almost 16,800 households. Of those households, 57 percent rent and 43 percent live in housing they own or pay a mortgage for. Fourteen percent of Bremerton households do not have a vehicle and, we assume, are transit-dependent—much higher than the 5 percent of households across the county without a vehicle.

Bremerton has a high percentage of people who are veterans: 17 percent of the total population in the City compared with 7 percent in the entire United States.

5.1 Race and Ethnicity

- Six percent identify as African American or Black, twice the percentage compared with all of Kitsap County.
- Eleven percent identify as Hispanic or Latino.

5.2 Age

On average, Bremerton residents are slightly younger than Kitsap County residents. The median age of people living in Bremerton is 33 compared with an average age of 39 in Kitsap County. Thirty-one percent of Bremerton residents are between 25 and 44 years old.

- Fourteen percent of the population is over the age of 64.
- Seventeen percent of the population is under the age of 18.

5.3 Income

- Thirty-seven percent of the population is at or below 200 percent of the poverty level compared with 21 percent of the total Kitsap County population.
- The median household income is \$52,716, which is \$22,695 less than the Kitsap County median of \$75,411.

5.4 Disability

- Nineteen percent of the population self-identifies as disabled, including:
 - 5% with a hearing difficulty,
 - 4% with a vision difficulty,
 - 10% with an ambulatory difficulty, and
 - 7% with an independent living difficulty.

5.5 Languages

While 90 percent of the population of Bremerton speaks only English, 4 percent speak Spanish and 3 percent speak Tagalog (including Filipino).

5.6 Internet Access

Given the emphasis on virtual meetings and online engagement, it is important to note that only 84 percent of Bremerton subscribes to internet access at home, including people with cellular data. Of those, 2 percent have satellite service. Ten percent of Bremerton households do not have a computer or a smartphone at home. Of the 90 percent with some sort of computing device at home, 5 percent have only a cell phone to access the internet.

6. AUDIENCES

Audiences will consist of groups and individuals within or near the study area that may be affected by, have an interest in, or have the authority to act upon the study. The City and NBK-BR will reach out to and involve community partners, including neighbors, roadway users, community-based organizations (CBOs), active and retired military members, regulatory agencies, elected officials, businesses, property owners, and interested individuals. The City will develop engagement strategies and key messages for all project partners. The study team will confirm community expectations and preferred communication methods to provide early, open, ongoing, and meaningful opportunities for input through a Community Sounding Board. We will update the following audience list at key milestones throughout the study process.

6.1 Electeds

- State Senator
 - Senator Emily Randall, District 26
 - Senator Christine Rolfes, District 23
- State Representative
 - Representative Jesse Young, District 26
 - Representative Michelle Caldier, District 26
 - Representative Sherry Appleton, District 23
 - Representative Drew Hansen, District 23
- Federal Representative
 - Derek Kilmer, 6th District
- City of Bremerton
 - Greg Wheeler, Mayor
- City Council members
 - Pat Sullivan, District 1
 - Leslie Daus, District 2
 - Kevin Gorman, District 3
 - Lori Wheat, District 4

- Michael Goodnow, District 5
- Mike Simpson, District 6
- Eric Younger, District 7

6.2 Agencies

- City of Bremerton Public Works
 - Tom Knuckey, Director
 - Ned Lever, City Engineer
 - Shane Weber, Managing Engineer
- Kitsap County
 - David Forte, Transportation Planning
- Kitsap County Health District
 - Megan Moore, Community Health Liaison
- Kitsap Transit
 - Steffani Lillie, Service and Capital Development Director
- Port of Bremerton
 - Jim Rothlin, Chief Executive Officer
 - Axel Strakeljahn, Port Commissioner
 - Cary Bozeman, Port Commissioner
 - Gary Anderson, Port Commissioner
- Washington State Department of Transportation (WSDOT)
 - Dennis Engel, Olympic Region, Multimodal Planning Manager
- Washington State Ferries
 - Ray Deardorf, Senior Planning Manager

6.3 Schools

- Bremerton School District
- Central Kitsap School District
- Olympic College
- Washington State University (WSU) Bremerton – School of Electrical Engineering and Computer Science

6.4 Government Entities

- Naval Base Kitsap-Bremerton
 - Anna Whalen, Community Planning Liaison
- Puget Sound Naval Shipyard

6.5 Emergency Services

- Bremerton Fire Department
- Bremerton Police Department
- Central Kitsap Fire and Rescue
- Kitsap County Sherriff's Office
- South Kitsap Fire and Rescue

6.6 Medical Centers

- Bremerton VA Clinic
- Naval Hospital
- Peninsula Community Health Services

6.7 Neighborhood and Community Groups

- Arc of the Peninsulas
- Boys and Girls Club of South Puget Sound – Bremerton Branch
- Bremerton ADA Committee
 - Shane Weber, ADA Coordinator
- Bremerton Backpack Brigade
- Bremerton Family YMCA
- Bremerton Hispanic Group
- Filipino-American Community Center
- Kitsap Community Resources (KCR)
- Kitsap Immigrant Assistance Center
- Manette Neighborhood Coalition
- NAACP Bremerton
- Peninsula Services
- Puget Sound Regional Council (PSRC) Bicycle Pedestrian Advisory Committee
 - Sarah Gutschow, Senior Planner

- Union Hill Neighborhood Association
- Society of St. Vincent de Paul Bremerton
- West Sound Cycling Club

6.8 Businesses and Business Groups

- Bremerton Chamber of Commerce
- Downtown Bremerton Association
- Kitsap Economic Development Association

6.9 Parks

- City of Bremerton Parks
 - Jeff Elevado, Director

6.10 Tribes

- Port Gamble S’Klallam Tribe
- Suquamish Tribe

6.11 Property Owners and Community Members

- All residents and property owners in the study area

7. MILESTONES

Date	Milestone	Description
January 2021	Community Sounding Board kickoff meeting	Introduce Joint Compatibility Transportation Plan, provide overview of key plan milestones, and confirm group charter.
January 2021	Survey	Conduct online to better understand where and how people are traveling within the City.
February 2021	Virtual open house	Introduce project and explain why the City and NBK-BR are studying ways to improve travel options in the City. Gather input on community priorities to inform the plan.
June 2021	Community Sounding Board meeting	Share community survey results and provide overview of existing traffic patterns.
August 2021	Community Sounding Board meeting	Share community feedback and gather input on draft elements and concepts.
August 2021	Virtual open house	Report back on what we’ve heard and share draft study concepts. Gather community input to inform plan development.
November 2021	Community Sounding Board meeting	Share community feedback and gather input on draft plan, including refined concepts and proposed solutions.

Date	Milestone	Description
February 2022	Community Sounding Board meeting	Share preferred concept and final study results.
February 2022	Virtual open house	Present preferred concept and final study results.
TBD	City council briefing	Present community input, preferred concept, and final study results.
March 2022	Final engagement report	Publish community and Community Sounding Board engagement report.

The study team will meet regularly with Bremerton City Council members at key milestones throughout the study process.

8. COMMUNITY ENGAGEMENT APPROACH

The following principles will guide the City’s community engagement activities throughout the study process.

- **Engage a wide variety of audiences**, with an emphasis on underrepresented and underserved community members.
- **Engage local elected officials** throughout the study process to share study updates and community feedback and prevent surprises.
- **Ensure all audiences know who to contact** for information, questions, and concerns, and respond to them within one business day.
- **Explain the study in a way that people can easily understand.** This means using graphics and accessible text to help explain complex concepts, avoiding jargon, and using active voice and plain talk.
- **Provide multiple, accessible opportunities for input** at key milestones, such as an online survey, virtual meeting, email, mail, and a phone contact number.
- **Track public comments** by maintaining a contact list, and report back on how input helps shape the study development.
- **Strive for transparent, interactive conversation** that includes diverse people, opinions, ideas, and information throughout the decision-making process.

9. COMMUNITY ENGAGEMENT TOOLS AND TACTICS

The City will use a variety of online and in-person engagement tactics throughout the study process. We will select from the following list of tactics to engage and inform community members in developing the plan. We will follow the most current COVID-19 regulations and guidelines and update this plan at key study milestones.

9.1 Plan Webpage

The City will maintain a website to provide up-to-date information and announcements about upcoming milestones and community engagement opportunities. The website will also include contact information for key staff.

9.2 Public Information Survey

The study management team will develop a survey to understand where and how people are traveling within the City. Community feedback will help inform potential solutions to improve safety and mobility throughout the study area. The City will promote the survey to the audiences outlined in this plan using a wide range of tactics to encourage participation:

- **Social media** posts in Facebook groups and other platforms (e.g., WeChat).
- **Partnership with NBK-BR** to send electronic updates and poster flyers to promote the survey.
- **Partnerships with multifamily properties** to send information about the survey.
- **Partnerships with CBOs** to help distribute the survey to the people they serve.
- **Flyers or posters** posted on Washington State Ferries, on buses, and at key community gathering locations (grocery stores, libraries, etc.).
- **Press release** to local news outlets announcing the survey.

9.3 Information Materials

The study management team will develop and, upon City approval, request written and visual materials translated into Spanish and Tagalog to convey study information and encourage participation in virtual outreach events. The study team will develop clear, easy-to-understand materials, such as:

- Fact sheet or folio.
- Flyers displayed at key gathering locations.
- Electronic content to distribute at key milestones (e.g., virtual open houses and study conclusion).

9.4 Strategies for Reaching Underserved Communities

The City is committed to serving the needs of everyone in the City and ensuring all community members have a meaningful opportunity to participate in City processes and decisions. To accomplish this, the City will place a special emphasis on reaching communities that have historically been underrepresented in the public process.

For the purposes of this study, the City is defining underserved communities as populations that have historically experienced bias and have been historically underrepresented in government planning. These populations are sometimes harder to reach, such as people with low incomes; people with disabilities; and people who are minority, limited-English proficient, immigrant, Hispanic, or communities of color.

The City assumes that the people who are members of these historically underserved communities are disproportionately represented in the population without internet access at home. Thus, we will supplement the digital engagement strategies with some hard-copy materials.

The City follows all legal requirements for populations with special protections, such as Title VI of the Civil Rights Act of 1964, the Americans with Disabilities Act, Executive Order 12898 on Environmental Justice, and other anti-discrimination policies. Where needed to effectively engage underserved populations, we strive to exceed those requirements and provide robust opportunities to groups that

have historically had limited access to the public process. All outreach materials will include Title VI and ADA language blocks to comply with the Civil Rights Act of 1964.

The City will communicate project milestones to traditionally underserved communities by sending updates to CBOs and other groups (e.g., churches, libraries, YMCA, Kitsap Health District). We will also use a variety of engagement tactics, including:

- Include a language block on project materials and a project website for all language groups that exceed 3 percent within the City, including Spanish and Tagalog. This language block will include a sentence to describe the project and the materials so people who use the language understand what they are looking for.
- Upon request, provide interpretation for Spanish and Tagalog and offer interpretation services on request for other languages, including American Sign Language, for all public meetings, including virtual meetings.
- Upon request, provide real-time closed captioning for all virtual public meetings.
- Encourage broad participation in public meetings and outreach opportunities by advertising on social media pages and through collaboration with CBOs.
- Distribute flyers and electronic notices to public libraries, community centers, neighborhood service centers, and other community gathering places.

Table 1 summarizes recommended tactics for reaching underserved communities.

Table 1. Tactics for Reaching Underserved Communities

Tactic	Location	Audience	Additional considerations
Tabling (TBD-once COVID-19 restrictions are lifted)	Olympic Community College	People who are under 25 People who are immigrants People with low incomes People who rent	We recommend the tables be staffed by multilingual staff who can communicate with students who are English language learners.
	Wheaton Way Transit Center	People with low incomes People who are transit-dependent People without internet access People with disabilities	
Post flyers at businesses, community locations	Businesses along SR 303, including Goodwill, SAARS, Wilco, Fred Meyer, and small businesses, Bremerton Food Line, Washington State Ferries Fast ferries Kitsap Transit buses	People with low incomes People without internet access People with disabilities People who rent	Outreach staff will follow appropriate COVID-19 social distance guidelines, including wearing masks and delivering materials following social distancing protocols.
Distribute electronic notifications	Advocacy groups and other social service providers	People with disabilities People with low incomes	

Tactic	Location	Audience	Additional considerations
Offer information	Organizations serving underrepresented populations	People with disabilities People with low incomes People who use languages other than English People without internet access	

9.5 Community Sounding Board Meetings

The City will establish a Community Sounding Board to provide input on the plan and outcomes. The City will collaborate with the Community Sounding Board to establish an area purpose and needs statement and a vision statement. Roles and responsibilities will outline the processes for reaching agreement, resolving disputes, and determining final decisions.

The Community Sounding Board will include representatives from:

- City of Bremerton
- City of Bremerton City Council
- Bremerton Chamber of Commerce
- Puget Sound Naval Shipyard
- WSDOT
- Suquamish Tribe
- Port of Bremerton
- Kitsap County
- Kitsap Transit

9.6 Virtual Open Houses

The study team will hold three virtual open houses to provide a convenient and accessible way for Bremerton residents to provide input to inform the study and potential solutions and use a wide range of tactics to encourage participation. During the first virtual open house, the City will introduce the study, explain why the City and NBK-BR are studying ways to improve travel options in the City, and encourage input on community priorities to inform the plan. The study team will host a second virtual open house to present and gather input on study findings and draft concepts. During the third virtual open house, we will share how community input shaped the final plan and share the preferred concept.

9.7 Council Briefings

The study team will present to Bremerton City Council at key project milestones to share information, report on community feedback, and gather input to inform plan development.

10. RISKS AND OPPORTUNITIES

- **Risk:** Community members and partners may favor improvement options that the City and NBK-BR are not able to include as part of the list of improvements.
 - Opportunity: Communicate often with community members and key partners about project goals, evaluation criteria, and timeline in all project materials and events.
 - Opportunity: Clearly communicate the decision-making criteria and how the public may influence decisions.
 - Opportunity: Report back to project partners to explain how their input helped influence the final outcomes.
- **Risk:** The City and NBK-BR may decide not to pursue any of the proposed improvements.
 - Opportunity: Communicate with community members and project partners early on about the purpose of the study, the value of their comments, and the possible study outcomes, including a no-build alternative.
 - Opportunity: Report back to community members and project partners to explain how their feedback set the foundation for improving the corridor and explain the decision-making process.
- **Risk:** The COVID-19 pandemic has significantly impacted community members and disproportionately burdens people who are traditionally underserved. As a result, people may be less likely to engage in the planning process.
 - Opportunity: Use a variety of tactics to get the word out and invite community members to participate in the planning process.
 - Opportunity: Offer virtual and socially distanced in-person opportunities for community members to engage in the study process and provide feedback.

11. STUDY CONTACTS

- Katie Ketterer, City of Bremerton, Project Manager, 360-473-5334
- Dennis Engel, WSDOT, Multimodal Planning Manager, 360-357-2651
- Thomas Knuckey, City of Bremerton, Director of Public Works, 360-473-5920
- Michael Horntvedt, Parametrix, Consultant Project Manager, 206-838-3992
- Alex Atchison, Parametrix, Senior Consultant, 206-512-5140
- Laura LaBissoniere, PRR, Communications Lead, 206-734-940
- Artie Nelson, PRR, Deputy Communications Lead, 843-468-6152



Attachment B. CSB Meeting Summaries



**Joint Compatibility Transportation Plan
Community Sounding Board
January 28, 2021
Virtual Teams Meeting
1 p.m. – 3 p.m.**

MEETING SUMMARY

Welcome

Katie Ketterer, City of Bremerton Public Works and Study Project Manager welcomed the group to the first Joint Compatibility Transportation Plan Community Sounding Board (CSB) meeting. Katie facilitated introductions and thanked participants for their involvement, highlighting the important role of the group in developing a plan to improve the economic vitality and mobility of the area near Naval Base Kitsap-Bremerton (NBK-BR).

Michael Horntvedt, Consultant team project manager, reviewed the meeting agenda which included reviewing the project goals, study schedule, and opportunities to collect feedback from the public about proposed solutions; gathering input from meeting attendees about key areas of interest and priorities for the study; and confirming group roles and responsibilities.

Project Overview and Goals

Michael gave an overview of unique traffic and parking challenges in the project area and explained the City, along with NBK-BR, plans to use a \$750,000 Department of Defense grant to find solutions to those challenges. Michael highlighted the City and NBK-BR's shared goals to evaluate and develop solutions that help people travel around Bremerton more easily, whether they are walking, biking, or driving. As part of this study, the project team will develop a prioritized implementation plan.

NBK-BR needs to meet its national security objectives and military readiness and the City is working to create a place where people want to live and work as Bremerton continues to grow.

Roles and Responsibilities

Michael reviewed roles and responsibilities for the CSB and project team. The role of the CSB is to attend and participate in all meetings; identify a substitute member when necessary; keep others in their organization informed and gather feedback when possible; respect differing needs while looking for solutions that help the City and NBK-BR achieve their goals; and review and consider background materials prior to meetings.

The project team will provide study updates and gather community feedback; provide the right staff at each meeting depending on the discussion topic; and listen closely to CSB members' contributions to discussions and report back to the CSB on how their input is reflected in the study to maintain transparent communications between the project team and the City. The group did not have any comments and agreed to the roles and responsibilities.

Project Workplan

Michael provided an overview of the CSB schedule and community engagement timeline, highlighting the multiple opportunities for engagement and diverse range of audiences. He also outlined the technical



work elements and key project milestones. The study team plans to host all events virtually until further notice (tentatively through March 2022).

Community Engagement

Virtual Open House #1

Katie reminded meeting attendees about the first virtual open house on Feb. 9, 2021, from 5 – 6:15 p.m. via Zoom. The City plans to post announcements on their social media channels Feb.3-9 so CSB members can share with their constituencies. The City will send the virtual open house link to CSB members so they can send to their constituencies directly as well.

Public Information Survey

Katie confirmed the City is posting the online survey on Feb. 1. The goal of the survey is to gather feedback on travel behavior before and after the COVID-19 pandemic. The project team wants to learn about the community's current travel behavior and the patterns people may continue as the pandemic ends (or a vaccine is widely available). The project team is also interested in collecting additional information, including:

- Origin and destination of trips.
- Travel modes—specifically, buses vs. traveling alone. The City is focusing mostly on Zone 16 in the downtown corridor.
- Review to see if people are proposing solutions to travel issues—the project team will look to see if there is a predominant theme or solutions that are evenly applied across all modes of transit as respondents answer questions about the challenges they experience on their trips.
- Demographics—the project team will evaluate differences based on income level and socio-economic factors.

Michael explained how the study team plans to use the survey results. The origin/destination data will help the project team understand 1.) the modes of transportation people are using and possible improvements to those modes, and 2.) what it will take to help people change their travel behavior or determine other solutions while evaluating why people are not willing to use other modes.

Michael emphasized that in addition to survey responses, pre-COVID-19 data will still serve as a baseline for evaluations. The project team will combine data collected from survey responses along with data from:

- Washington State Ferries.
- Other transit agencies.
- NBK-BR which has information about how their members travel to and from the base.
- Previous origin and destination data collected in 2017.

Pamela Vasudeva, WSDOT, is willing to share raw data from WSDOT's commute trip survey. The project team will review to see if that information is applicable to the study.

Discussion

Katie asked meeting attendees what early projects would provide the most benefits to the study area. Overall themes from their responses include:

- Additional park and rides.
- Better transit connections between park and rides.
- Finding solutions to fix the traffic funnels in Gorst (a priority for Mayor Wheeler and several others).
- Improve transit frequency in the area.



- Increase multimodal uses at the lots along NBK-BR (e.g., electric charging stations, locker stations).
- Improve pedestrian and bicycle connections to the Naval Base.
- Prioritize vanpool/carpool parking to incentivize less vehicle use.
- Remove/consolidate parking along streets in the downtown subarea.

Next Steps

Michael and Katie thanked CSB members for attending and mentioned the project team will send out meeting invites for the next meeting scheduled for June 10. Katie encouraged CSB members to send data or other resources that may be helpful for this project such as information about projects happening at Kitsap Transit or Port of Bremerton.

Attendance:

Meeting Attendees:

- Allison Satter, City of Bremerton
- David Forte, Kitsap County
- Edward Coviello, Kitsap Transit
- Fred Salisbury, Port of Bremerton
- Greg Wheeler, Mayor, City of Bremerton
- Kevin Gorman, Bremerton City Council
- Matthew Pahs, WSDOT Olympic Region
- Melinda Monroe, City of Bremerton
- Pamela Vasudeva, WSDOT
- Thomas Knuckey, City of Bremerton
- Sara Oliveira, Naval Base Kitsap - Bremerton
- Shane Weber, City of Bremerton

Project Team:

- Katie Ketterer, City of Bremerton
- Alex Atchison, Parametrix
- Michael Horntvedt, Parametrix
- Emily Welter, Parametrix
- Artie Nelson, PRR



**Joint Compatibility Transportation Plan
Community Sounding Board
July 7, 2021
Virtual Teams Meeting
8:30 a.m. – 10:30 a.m.**

MEETING SUMMARY

Welcome

Katie Ketterer, City of Bremerton Public Works and Study Project Manager, welcomed the group to the second Joint Compatibility Transportation Plan Community Sounding Board (CSB) meeting. Katie reviewed the meeting agenda, which included the results of the public information survey, the project analysis and issues, the results of the first workshop, and the screening approach. Katie also reviewed the project goals that were discussed in the first CSB meeting, which included a multi-modal approach that includes general purpose traffic, active transportation, transit, and parking.

Michael Horntvedt, Consultant team project manager, discussed the work plan and schedule for the rest of the project.

Public Information Survey

Katie reviewed the results of the public information survey that was conducted in February. The goal of the survey was to gather feedback on travel behavior before and after the COVID-19 pandemic and supplement the data collected by the project team. The survey was advertised through several different platforms and resulted in 557 people completing the survey.

Key findings from the public information survey included information on why and where from people are travelling to the City, reasons for why people use some modes over others, and recommended improvements. Some key findings that were highlighted during the meeting included:

- 85% of respondents travel to the City for work
- 40% of respondents start their trip to the City from the south
- The most common barriers to using transit instead of driving is that riding the bus is inconvenient or takes too long and respondents like the convenience and flexibility of using a car
- The most important projects to improve travel in Bremerton were roadway capacity, shipyard access, and roadway efficiency.

Katie clarified that roadway efficiency projects include improvements like signal timing and optimization and that shipyard access projects include improvements like kiss and rides or drop-off locations.

Project Analysis and Issues

Alex Atchison, Consultant transportation lead, reviewed the analysis and issues identified by the project team and requested feedback from the CSB on the issues presented. The modes covered included active transportation, transit, general purpose traffic, and parking. Alex also presented the inventory of projects that had been suggested by previous studies.



Active Transportation

The main issues for active transportation include poor sidewalk conditions, difficult pedestrian crossings and limited connectivity. Alex highlighted that 10,000 pedestrians walk onto NBK-BR every day. The CSB had the following questions and suggestions on active transportation:

- CSB participants requested that the NBK-BR pedestrian map be updated to indicate that volumes are for inbound only.
- Tom Knuckey (City) requested to see origin/destination data for pedestrians entering the gates and the correlation of pedestrians entering different gates to parking. Shane Weber and Melinda Monroe (City) both noted that there is data available on parking movements, permits, and enforcement that can be used. Shane suggested that pedestrians and bicyclists entering the gates could be surveyed or that Wi-Fi data from personal devices could be collected.
- David Forte (Kitsap County) suggested that the project team analyze value of time to measure how far commuters are willing to park and then walk or bike to NBK-BR. He noted that this may be a more accurate measure than 1/4-mile walksheds.

Transit

The main issues for transit include infrequent bus service and poor active transportation facilities near bus stops. The CSB had the following questions and suggestions on transit:

- Melinda requested that the transit coverage of the City of Bremerton be compared to other similar cities.
- Fred Salisbury (Port of Bremerton) asked if the worker/driver buses drop off inside the NBK-BR gates and both Katie and Shane confirmed that they do.
- Matthew Pahs (WSDOT) requested that the project team look at origin/destinations for ferry riders and suggested picking up ferry riders at the terminal to shift riders from single-occupancy vehicles to walking on.

General Purpose (GP) Traffic

The main issues for GP traffic include traffic surges and delays during NBK-BR shift changes, level of service (LOS) E or worse at several intersections, and queues exceeding storage lengths throughout the City, including at the new Washington Avenue/Manette Bridge roundabout. There are also safety concerns, with the most common collision type in fatal and serious injury crashes being a hit pedestrian. The CSB had the following questions and suggestions on GP traffic:

- Pamela Vasudeva (WSDOT) requested that the crash data for crashes involving pedestrians be broken out by cause, time of day, and lighting.
- Tom requested that the queue lengths be shown graphically on the queueing maps.
- Shane noted that the LOS standard for the City is LOS E and for State routes is LOS D.
- Shane requested that the growth between 2020 and 2050 be quantified as growth associated with NBK-BR or growth associated with the City and noted that this would help identify how NBK-BR impacts the City or how the City impacts NBK-BR.
- Shane asked how the impacts of the NBK-BR remodel will be measured.

Parking

The main issues for parking include demand exceeding supply and the significant midday vehicle movement known as the "Bremerton Shuffle." Tom requested to see the number of parking spaces that NBK-BR would have to provide if it were a private employer compared to the parking that is currently supplied. He noted that it might be helpful to compare this to the amount of parking available at similar locations such as the Port of Tacoma.



Workshop Results

Michael presented the results of the first workshop, which was held in June and focused on identifying improvements to address the various issues. Nearly 150 different improvements were proposed during the workshop and a few additional improvements were added by the Consultant team following the workshop. The project team organized these improvements into groups: new or expanded parking, roadway capacity and signals, NBK-BR projects, transit, active transportation, education and marketing, parking management, and programs to encourage mode shift.

Michael requested that the CSB review the list of improvements and submit any additional ideas to the project team. David asked why the capacity improvements were concentrated on the south end when only 40% of public information survey respondents traveled to the City from the south. CSB participants also discussed shifting some NBK-BR activities north to Bangor as a potential improvement.

Screening Approach

Alex presented the approach for screening improvements and alternatives. The improvements will be screened through First Level Screening, which will determine if an improvement is consistent with the goals of the study and with City and NBK-BR plans. Improvements will then be packaged into alternatives and screened through Second Level Screening. Second Level Screening will evaluate alternative packages based on qualitative and quantitative performance measures for each of the study goals: travel time reliability, mobility, safety, active transportation, economic vitality, parking, and base accessibility. The CSB will prioritize these study goals through a forced-choice pair comparison, the results of which will be used to develop weighted scores for each of the alternatives.

Additional comments from NBK

Continued coordination with NBK occurred to get additional input on some of the concepts considered at the CSB meeting. Below is additional input from NBK.

Regarding relocating some operations/codes from NBK Bremerton to the Bangor location, NBK Bremerton indicated that the Navy is already planning to move some operations to Bangor, however not all operations could be relocated, so it is okay to list it as an option but some of those actions are already. The team would also assume that relocated functions might be backfilled with additional staff at the NBK Bremerton location, so that there would be no net change in traffic and parking demand at the NBK Bremerton location.

The team discussed the possibility of staggering shifts to reduce peak demand on the roadway and parking system. NBK recommends including shift staggering as an ongoing strategy however, the Navy (and its tenants) are already staggering its shifts in Bremerton.

The NBK-Bremerton population include many different teams required for operations. Those teams include supporting military and civilian personnel, PSNS&IMF, aircraft carriers that are ported, contractors and more. Shift staggering between some different tenants is already used to reduce impacts on the city and improve accessibility to the base. An example is the USS NIMITZ and USS Theodore Roosevelt workers have different shifts than PSNS&IMF.

Furthermore, the Shipyard (PSNS&IMF) utilizes alternate shifts and compressed work schedules for many of their employees. However, any interruption to the standard shift for primary Transit riders is difficult because it would impact the ridership of the Worker Driver buses and the need for those assets to be at capacity to support a successful program.

Another concept that was proposed would allow Kitsap Transit (KT) to run bus routes onto the base in an effort to reduce impacts to traffic operations and provide a more direct walking route for the workers. NBK would consider allowing KT to run bus routes onto the base however, it would need to exclude the PSNS&IMF. There may be details that are hard/unfeasible to make this a possibility, but it could be an



option to consider. There would be a security concern to have Kitsap Transit buses running through PSNS&IMF (with the exception of the Worker/Driver buses as they have security clearance and protocols in place).

Next Steps

Katie and Michael concluded the meeting by reviewing the next steps for the project, including receiving new improvement ideas from the CSB participants, scheduling the second workshop, and scheduling the third CSB meeting. Michael noted that an updated schedule will be sent to the CSB following the meeting.

Attendance

Meeting Attendees:

- Allison Satter, Naval Base Kitsap - Bremerton
- David Forte, Kitsap County
- Denis Frey, Bremerton Chamber of Commerce
- Fred Salisbury, Port of Bremerton
- Garrett Jackson, City of Bremerton
- Kevin Gorman, Bremerton City Council
- Matthew Pahs, WSDOT Olympic Region
- Melinda Monroe, City of Bremerton
- Pamela Vasudeva, WSDOT
- Thomas Knuckey, City of Bremerton
- Shane Weber, City of Bremerton

Project Team:

- Katie Ketterer, City of Bremerton
- Alex Atchison, Parametrix
- Michael Horntvedt, Parametrix
- Emily Welter, Parametrix



**Joint Compatibility Transportation Plan
Community Sounding Board
October 26, 2021
Virtual Teams Meeting
1:00 p.m. – 4:00 p.m.**

MEETING SUMMARY

Welcome

Katie Ketterer, City of Bremerton Public Works and Study Project Manager, welcomed the group to the third Joint Compatibility Transportation Plan Community Sounding Board (CSB) meeting. Katie reviewed the meeting agenda, the project goals, and the schedule for the rest of the project.

Alternatives

Alex Atchison, Consultant transportation lead, described the three Alternatives that were analyzed as part of the Second Level Screening: Support Parking, Relocate Parking, and Add Base Parking. She discussed how the NBK-BR parking numbers were estimated as well as the methodology for estimating traffic diversion associated with the Relocate Parking and Add Base Parking alternatives.

The CSB had the following questions:

- Allison Satter (NBK-BR) asked if the estimate for 1,000 relocated vehicles was for one hour during the peak or the full day.
 - *Answer: 1,000 is the number of relocated vehicles during the peak hour period.*
- Shane Weber (City of Bremerton) asked if the parking in the neighborhood west of Charleston/Burwell had been considered in parking relocation.
 - *Answer: No. Pedestrian volumes into the Charleston and Naval gates account for less than 5% of overall pedestrian gate volumes during the PM peak hour. The parking relocation was focused on the downtown area.*
- David Forte (Kitsap County) asked why the Loxie Eagans Blvd interchange had not been included in the traffic distribution.
 - *Answer: The Loxie Eagans Blvd interchange provides access to NBK-BR most directly through the Charleston Blvd/S Cambrian Ave intersection. 80-90% of the traffic to/from S Cambrian Ave travel through the Charleston gate; therefore, the assumption is that a small percentage of traffic from the Loxie Eagans Blvd interchange is not already parking on Base. The Relocate Parking and Add Base Parking alternative focus on relocating people that currently park downtown and then walk onto Base, so traffic to/from Loxie Eagans Blvd was not included in these relocations.*

Emily Welter, Consultant transportation team, showed the maps that were prepared for each of the three Alternatives as well as the active transportation improvements.

The CSB had the following questions:

- Melinda Monroe (City of Bremerton) asked what the budget is for each improvement and when cost estimates are being developed.
 - *Answer: Cost estimates are currently being developed for the roadway capacity improvements.*



- Tom Knuckey (City of Bremerton) asked if the travel delay had been quantified for each improvement.
 - *Answer: Yes, travel delay was quantified for each Build Alternative for Second Level Screening.*
- Shane asked if some active transportation projects had been taken from the City's Comp Plan and Non-motorized Plan.
 - *Answer: Yes, light green lines are consistent with City plans and dark green lines are improvements that are being recommended as part of this project.*

Screening

Alex discussed the screening process for this study, including developing improvements, First Level Screening, packaging the improvements into Alternatives, and Second Level Screening. She discussed the metrics used in the Second Level Screening and the final scores for each.

The CSB had the following questions and suggestions:

- Tom asked what bike level of traffic stress (LTS) is.
 - *Answer: Traffic stress is defined as how comfortable a roadway feels for a person biking.*
- Melinda mentioned that she has recommendations for case study locations for turning parking into mixed use development as part of the economic analysis.
- Tom mentioned that the City has a need for a major east-west bike corridor and supports including at least one road diet project.
- Ed Coviello (Kitsap Transit) mentioned that if one or two large park and rides are built, then Kitsap Transit supports developing a shuttle service for NBK-BR only.
- Melinda asked if there are specific City lots or private lots that the study team will be analyzing.
 - *Answer: Two locations have been identified for additional parking downtown: angled parking along 4th and 5th Street between Park Ave and SR 303 (PC13) and a parking garage between Burwell St and 4th St and Park Ave and SR 303 (PC14).*

What Did We Learn?

Alex discussed the key takeaways from the Second Level Screening analysis.

The CSB had the following questions and suggestions:

- Shane mentioned that the City is putting bike lanes and bike boxes on Kitsap Way and that putting in roundabouts would make it more difficult for bikes to get through the corridor.
- Tom wants to understand the cost-benefit of each improvement to help put together the Preferred Alternative.
- Shane asked what the process will be for putting together the Preferred Alternative. Will the study team select 1 parking alternative, or will it be a mix and match?
 - *Answer: The Preferred Alternative will be a mix and match of improvements from different alternatives.*
- Shane emphasized the need for an overarching parking policy to be selected by the City.
- Shane also mentioned that livability and Base accessibility are competing forces and that the City council members are interested in livability.
- Tom asked if the Base cannot build 7,000 parking stalls on Base, then how many can be built? Could the Preferred Alternative include a mix of parking downtown and parking on the west side of the Base?
 - *Answer: The study team will hope to address this with the Preferred Alternative.*
- Allison mentioned that the Base has identified the daily parking need to be 6,000 to 7,000.



- Melinda requested that the study team provide a dollar value for each policy change. She mentioned that there are street signs needed to enforce certain parking policies and that policy changes have a cost associated with them such as new signs or enforcement.
- Allison asked if the study team was able to capture how Bremerton is growing and changing (i.e. adding 3,000 housing units downtown). Are those units going to be utilized by the Base?
 - *Answer: The travel demand modeling for the No Build condition included growth for the City and shifts in traffic for new employment and population centers. Mode shifts were not included.*
- Shane asked if the parking demand is for Existing or Year 2050?
 - *Answer: Both. Forecasted growth for NBK-BR is less than 2% between 2020 and 2050, so the parking demand would likely remain the same.*
- Shane emphasized that there is a parking demand due to the Base. He asked if this study is looking at Base-specific parking needs and the effects on the City, or is this study looking at other parking generators in the City as well.
 - *Answer: This study is focused on parking demand from the Base. The No Build condition does include growth from other parking generators, though.*
- Allison mentioned that the City is growing and there is more of a trend of people living near or on Base. She is optimistic that the parking demand will decrease over time because of this trend.

Next Steps

Alex discussed the next steps for the project, including identifying and analyzing a Preferred Alternative, developing preliminary cost ranges, and prioritizing modal projects.

Alex asked the CSB if it is fair to assume that one of the recommendations is to build additional parking somewhere. The CSB agreed that additional parking is needed but was not in agreement on where it should be.

The CSB had the following questions and suggestions:

- Shane mentioned that it would be helpful to see how well each improvement is hitting the goals and metrics, as well as the cost of each.
- Tom requested a metric to compare costs and benefits of different types of improvements.
- Allison asked what the schedule is for putting together a Preferred Alternative?
 - *Answer: Current schedule is to have Preferred Alternative evaluated by end of January. That may change depending on when the Preferred Alternative is clearly defined.*
- Tom and Shane requested more detailed data on how each improvement improves travel time, delay, safety, etc.
- Allison mentioned that it will be challenging for the Base to get funding to build more parking on Base and that they need a robust explanation as to why any new parking is potentially part of the Preferred Alternative.
- Katie suggested that it would be helpful to add a score for feasibility (i.e. the Add Base Parking alternative performs well but it's not feasible to build a 7,000 stall garage).
- Allison said that improvements such as daycare space would more likely be funded by DoD than parking.
- David mentioned that adding parking at the McWilliams P&R has implications. The County is not interested in adding parking in urbanized areas, similar to the City.
- Garrett asked what the public outreach process has been.
 - *Answer: A public information survey conducted in February, an online open house was held in February, and a second online open house is scheduled in December.*
- Shane asked if there has been any public feedback on parking.



- *Answer: Yes, but the response has been split between voices of commuters who want low-cost parking near where they want to go versus the people who live in Bremerton and want more active transportation improvements and want to improve livability.*
- Tom pointed out that the Support Parking and Relocate Parking alternatives look bad for travel time and mobility. He requested the results for both with just 1 road diet.
- Shane asked about the impacts of the improvements on level of service. What are the magnitude of the impacts and what are the safety benefits? Shane would like to see the magnitude of benefit, not just the summary arrows.
- Shane asked if the study team ran a travel demand model for improvements like road diets. He would like to see the traffic assumptions.
 - *Answer: No, travel demand modeling was not performed for any of the Build Alternatives. The study team diverted traffic for the road diet projects based on the assumptions from the 6th and 11th Street road diet study.*
- Tom requested the results of just a road diet on either 6th or 11th Street.
- Shane asked if the study team looked at extra lanes in the eastbound and westbound directions along Burwell St.
 - *Answer: No, the add capacity improvement only included an additional westbound lane for a portion of Burwell St.*

Attendance

Meeting Attendees:

- Allison Satter, Naval Base Kitsap - Bremerton
- David Forte, Kitsap County
- Ed Coviello, Kitsap Transit
- Fred Salisbury, Port of Bremerton
- Garrett Jackson, City of Bremerton
- Greg Wheeler, City of Bremerton
- Kevin Gorman, Bremerton City Council
- Matthew Pahs, WSDOT Olympic Region
- Melinda Monroe, City of Bremerton
- Thomas Knuckey, City of Bremerton
- Shane Weber, City of Bremerton
- Vicki Grover, City of Bremerton

Project Team:

- Katie Ketterer, City of Bremerton
- Alex Atchison, Parametrix
- Emily Welter, Parametrix
- Mallory Wilde, Parametrix
- Jeff Arango, Framework
- Madalina Calen, Community Attributes
- Sarah Saviskas, Fehr and Peers



Joint Compatibility Transportation Plan Community Sounding Board

June 1, 2022

Virtual Teams Meeting

1:00 p.m. – 3:00 p.m.

MEETING SUMMARY

Welcome

Katie Ketterer, City of Bremerton Public Works and Study Project Manager, welcomed the group to the fourth Joint Compatibility Transportation Plan Community Sounding Board (CSB) meeting. Since it had been several months since the last CSB meeting, Katie reviewed the purpose and goals of the project. There are unique traffic and parking issues due to Naval Base Kitsap – Bremerton (NBK-BR) such as traffic surges at shift changes and limited parking and multimodal options. The goal of the project is to develop a prioritized implementation plan that addresses these issues.

The CSB had the following input:

- Rick Tift (PSNS) mentioned that there are 8,000 parking spaces on Base.

Existing Issues and Alternatives

Katie reviewed the existing issues that were identified through the early stages of the project. The project team looked at data on multiple modes of transportation and determined that 60 percent of traffic coming into Bremerton during the peak period is attributed to NBK-BR, parking habits are entrenched and involve parking illegally outside of the Base, and that by 2050, there will be significant congestion and travel times will increase along key corridors.

The CSB had the following questions:

- Mayor Greg Wheeler (City of Bremerton) asked for a simplified version of the corridor travel times.

The project team developed over 100 potential solutions to address these issues and divided them into three different alternatives that were evaluated according to different metrics. No one alternative showed improvements to all of the metrics and two metrics were often at odds: base accessibility and livability.

Visions for Final Outcome

Alex Atchison, Consultant transportation lead, outlined the two main visions to be discussed by the CSB: the Livability Centered Vision and the Capacity Centered Vision.

The Capacity Centered Vision would add roadway capacity, which would require significant right-of-way and could cost between from \$80 million to \$160 million, not including parking or active transportation improvements. Capacity projects would likely only keep up with growth instead of improving traffic or parking and may be infeasible due to environmental constraints and funding.

The Livability Centered Vision would shift people from commuting by car towards commuting by transit, active transportation, and carpool/vanpool. This vision would require increased transit capacity, improved active transportation infrastructure, incentives for workers to shift modes, and parking policies, all of which would require significant coordination across different agencies.



The CSB had the following input:

- James Cook (PSNS) asked how the time it takes to transfer from car to bus factors into the travel times and mentioned that there are barriers to hiring staff such as allowing people to access to daycare after work.
- Mayor Wheeler mentioned that in the Downtown area east of Warren Ave, there is an anticipated growth of 3,000 people living in this area.
- John Clauson (Kitsap Transit) stated his vote for the Livability Centered Vision because it could provide benefits to all travelers, even outside Bremerton. He mentioned that there are other options outside of buses such as ferries, carpool, and vanpool and that now seems like a good time to implement this vision since Congress has made funds available for these types of projects. He also mentioned that the project team should look into capacity improvements that can be made available to buses, carpools, vanpools, and bicyclists.
- Captain Richard Massie (NBK-BR) mentioned that they are looking at a third carrier on Base within the next 10 years. He would like to see a combination of solutions to support both visions and also look at internal solutions such as daycare within the same building. He mentioned that he is confused by statement that surface parking is not the best use of the space since these are private land owners.
 - Katie responded that the City recently did an economic analysis of City-owned surface parking lots and the revenue they generate compared to other possible uses.
- Rick mentioned that there have been many studies that focus on Downtown Bremerton and not on the other areas that could be developed. He believes that Downtown today is a destination for employment, either in Bremerton or though commuting to Seattle. He mentioned that PSNS is making improvements, such as returning to regular shifts that align with buses.
 - Katie responded that the study is intended to plan ahead to manage the expected future growth Downtown.
 - Mayor Wheeler mentioned that the City is trying to keep Bremerton livable and keep up with the housing demand.
- James asked why the City is not considering capital projects like additional private parking lots?
 - Katie responded that the City is in fact looking at private partnerships with developers and businesses.
 - Mayor Wheeler mentioned that the City has been strategically upzoning to increase density and allow duplexes and triplexes and increase housing supply.
 - Michael Horntvedt (Parametrix) asked if incentivizing people to drive into downtown and park at private parking lots is in alignment with the City's goals.
- Garrett Jackson (City of Bremerton) mentioned that denser housing Downtown could encourage Base employees to live downtown and shorten their commute.
- Melissa Mohr (Kitsap County) mentioned the difficulties that commuters have with lower transit frequency. She also encouraged the group to consider the impacts of impervious pavement and greenhouse gases from general-purpose traffic.
 - John responded that transit frequency is a major factor in people's decision to take transit and that Kitsap Transit can only increase frequency if there are more riders.
- Allison Satter (NBK-BR) asked if one vision is chosen over the other, does that mean that there cannot be any improvements towards the other vision. For example, if the Livability Centered Vision is selected, that does not mean there will not be any capacity improvements.
 - Kite responded that capacity improvements may be needed in certain places, but they may have to be balanced with livability
- Rick mentioned that changes in shipyard operations will bring more density to a smaller area within shipyard boundaries.
- Allison Satter (NBK-BR) asked the City to discuss the timing for the improvements and outline which improvements are dependent on other improvements to be successful.



- Melinda Monroe (City of Bremerton) mentioned it would be great to have the plan broken into 5 year chunks so that the City can plan budgets.
- Tom Knuckey (City of Bremerton) mentioned that here are some improvements for the Livability Centered Vision that would conflict with the Capacity Centered Vision. For example, re-channelizing 6th Street to be a road diet is important for active transportation and livability but would diminish roadway capacity.
- Mayor Wheeler asked if the City is working on any signal synchronization for Kitsap Way.
 - Shane Weber (City of Bremerton) responded that the City is currently retiming all of the signals on Kitsap Way from SR 3 to N Callow Ave. The last time this was done was in the early 2000s.
- Katie – We heard a lot of support for Livability with some reservations from the Base and concern that we can maintain accessibility to the Base.

Next Steps

Katie summarized the discussion by stating that there was a lot of support for the Livability Centered Vision with some reservations from the Base and concerns that accessibility to the Base be maintained.

The CSB had the following input:

- Allison mentioned there did seem to be interest in some capacity improvements.

Attendance

Meeting Attendees:

- Allison Satter, Naval Base Kitsap – Bremerton
- Charlotte Garrido, Kitsap County
- David Emmons, Bremerton Chamber of Commerce
- Ed Coviello, Kitsap Transit
- Garrett Jackson, City of Bremerton
- Greg Wheeler, City of Bremerton
- James Cook, PSNS
- John Clauson, Kitsap Transit
- Kate Millward, City of Bremerton
- Melinda Monroe, City of Bremerton
- Melissa Mohr, Kitsap County
- Michael Goodnow, Bremerton City Council
- Ned Lever, City of Bremerton
- Para Kan, PSNS
- Captain Richard Massie, Naval Base Kitsap – Bremerton
- Rick Tift, PSNS
- Thomas Knuckey, City of Bremerton
- Shane Weber, City of Bremerton
- Vicki Grover, City of Bremerton

Project Team:

- Katie Ketterer, City of Bremerton
- Michael Horntvedt, Parametrix
- Alex Atchison, Parametrix
- Emily Welter, Parametrix



**Joint Compatibility Transportation Plan
Community Sounding Board
September 21, 2022
Virtual Teams Meeting
1:00 p.m. – 3:00 p.m.**

MEETING SUMMARY

Welcome

Katie Ketterer, City of Bremerton Public Works and Study Project Manager, welcomed the group to the fifth Joint Compatibility Transportation Plan Community Sounding Board (CSB) meeting. Katie reminded the CSB of the project goals to develop solutions to resolve deficits across traffic, transit, parking, and active transportation and develop a prioritized implementation plan.

Existing Issues and Alternatives

Alex Atchison, Consultant project manager, walked through the project schedule and gave some context on the project. The City of Bremerton is a designated Regional Growth Center and Naval Base Kitsap – Bremerton (NBK-BR) has plans for multi-billion-dollar shipyard modernizations.

Alex reviewed the existing issues that were identified through the early stages of the project. The project team looked at data on multiple modes of transportation and determined that 60 percent of traffic coming into Bremerton during the peak period is attributed to NBK-BR, parking habits are entrenched and involve parking illegally outside of the Base, and that by 2050, there will be significant congestion and travel times will increase along key corridors.

The CSB had the following questions:

- Para Kan (PSNS) asked for clarification on what classifies as illegal parking.
 - Melinda Monroe (City of Bremerton) explained that it is illegal to park for the allowed amount of time and then re-park on the same named street. This is common practice in Bremerton, often called the “Bremerton Shuffle.”

Draft Preferred Alternative

Alex Atchison explained that 3 Build Alternatives were previously analyzed: Relocate Parking, Support Parking, and Add Base Parking. Following this analysis, the CSB discussed the two main visions for the study: Livability Centered Vision and the Capacity Centered Vision. With the input from this discussion, the study team created a draft Preferred Alternative and analyzed it according to the screening metrics. Emily Welter, Consultant transportation lead, and Alex walked through the improvements included in this draft Preferred Alternative.

The CSB had the following input:

- Para asked for more detail on project B7 “Add structured parking on Base” and explained that additional parking on the Base is low on the list of funding priorities.
- Ed Coviello (Kitsap Transit) asked about the inclusion of a park and ride in Gorst and explained that Kitsap Transit is planning for 500 parking spaces near Port Orchard.
 - Para had a conversation with Mason Transit and they are willing to stop at a Gorst park and ride if it is built.



- Ed mentioned that pedestrian improvements should be considered along 1st Street in addition to bicycle improvements.
- Para asked about considerations for safety issues (theft, gas siphoning) at park and rides.
 - Ed responded that Kitsap Transit is interested in creating more mixed-use centers instead of standalone parking lots which would improve safety.
- Ed mentioned that a traffic management association (TMA) may be required to be formed if population density is larger than 200k and that Bremerton may have reached this number.

Emily presented the second level screening results of the 3 Build Alternatives and the draft Preferred Alternative. Alex discussed the balance between the goals for livability and base accessibility. The CSB had the following input:

- Para asked about plans to build more housing downtown and the affordability. Para mentioned that about 37% of NBK-BR employees already live in Bremerton and about 80% live in Kitsap County. Para also asked about plans to address mental health issues for the homeless population downtown.
 - Garrett Jackson (City of Bremerton) responded that the City will be considering these issues through their Comp Plan update.
- Alex asked if the City is considering uncoupling housing and parking.
 - Garrett responded that the lowest parking requirement for new development is currently 0.5 spaces per unit and that the City would not likely reduce this.
- Allison Satter (NBK-BR) asked if the Preferred Alternative modeling assumed that a portion of the vehicles that were removed from downtown were for people living downtown.
 - Alex responded that the vehicles that were removed as part of the Preferred Alternative modeling were for people taking transit from outside of downtown into downtown.

Discussion

Alex opened the floor for discussion on the draft Preferred Alternative and implementation. The CSB had the following input:

- Para mentioned that there is a driver shortage for the worker/driver program, in part due to lower pay for this job. Driving the bus is essentially a second job for many and the pay is less than what they make working on Base. He also mentioned that the shift times on Base are changing.
- Ed mentioned that Kitsap Transit is looking to flatten service and run more frequently for more of the day.
- Para asked about the possibility of free bus fares for NBK-BR and mentioned that Mason Transit has free fares.
 - Ed responded that Kitsap Transit has studied this in the past and that free fares work better for a rural system like Mason Transit.
- Para and Ed discussed the challenges of the current bus fare reimbursement system for NBK-BR workers. Ed mentioned that Kitsap Transit noted an immediate drop in ridership when the worker/driver program switched from issuing monthly transit passes to a reimbursement system.
- Allison asked for more information on incentives to shift modes or telework.
- Allison also asked what the final report will look like.
 - Katie responded that the City wants something between the JLUS and the SR 303 Corridor Study.



Next Steps (Alex Atchison)

Alex ended the meeting by discussing the next steps, which include providing more specificity on incentives to shift modes, hosting an open house on October 11th from 6-7:30 pm, presenting the draft Preferred Alternative to City Council, and drafting the implementation plan and study report.

Attendance

Meeting Attendees:

- Allison Satter, Naval Base Kitsap – Bremerton
- David Emmons, Bremerton Chamber of Commerce
- Ed Coviello, Kitsap Transit
- Garrett Jackson, City of Bremerton
- Greg Wheeler, City of Bremerton
- Melinda Monroe, City of Bremerton
- Melissa Mohr, Kitsap County
- Para Kan, PSNS
- Shane Weber, City of Bremerton
- Thomas Knuckey, City of Bremerton

Project Team:

- Katie Ketterer, City of Bremerton
- Alex Atchison, Parametrix
- Emily Welter, Parametrix



**Joint Compatibility Transportation Plan
Community Sounding Board
May 17, 2023
Virtual Teams Meeting
9:00 a.m. – 11:00 a.m.**

MEETING SUMMARY

Welcome

Katie Ketterer, City of Bremerton Public Works and Study Project Manager, welcomed the group to the fifth Joint Compatibility Transportation Plan Community Sounding Board (CSB) meeting. Katie reminded the CSB of the project goals to develop solutions to resolve deficits across traffic, transit, parking, and active transportation and develop a prioritized implementation plan. Kate walked through the project schedule and gave some context on the project.

Draft Preferred Alternative

Kate recapped how the draft Preferred Alternative was developed by pulling elements from the 3 Build Alternatives that were previously analyzed, including additional parking outside of downtown, capacity projects to support this parking, shuttle service to downtown, and active transportation improvements in downtown and near NBK-BR. The City sought input on the draft Preferred Alternative from the CSB, the City Public Works Committee, and Navy and Shipyard staff. Alex Atchison, Consultant project manager, discussed the changes that were made to the Preferred Alternative based on this input.

The CSB had the following input:

- Allison Satter (NBK-BR) responded that she has not talked to an official SEPA rep yet, but that the Shipyard Infrastructure Optimization Program (SIOP) will change one dry dock to another. It's unclear if this will change the number of people travelling to Base.
- Mayor Wheeler (City of Bremerton) talked about the balance between the neighborhoods and NBK-BR operations and mentioned that road diets make neighborhoods safer and more livable.
- Shane Weber (City of Bremerton) mentioned that more traffic evaluation would need to be done for the proposed SR 3 southbound flyover ramp.
 - Allison mentioned that NBK-BR wants to alleviate traffic congestion for people that are driving from the north and currently use Kitsap Way to access NBK-BR. She recommended looking at it as part of the SIOP and potentially partnering with the City.
 - George Mazur (WSDOT) responded that WSDOT has not indicated a need for that particular traffic movement, which suggests that this is a local development-driven need. If it is just a local need, then it would be appropriate to look at that through an EIS. WSDOT is not opposed to additional study.
 - Ed Coviello (Kitsap Transit) mentioned that there could be utility for transit that could support a SR 3 southbound flyover ramp and that Kitsap Transit is looking at a west Bremerton park and ride as part of the Long-Range Plan.
- Ed suggested using “mixed-use parking lots” instead of “smaller parking lots.”



Implementation

Alex discussed the phasing and implementation for the draft Preferred Alternative. Projects were separated into capital improvements and policies and assigned an owner agency. Projects were prioritized based on the goals of this study, cost level, ease of implementation, and available funding. Based on these criteria, projects were separated into short-term (less than 6 years), mid-term (6-20 years), and long-term (more than 20 years) projects.

The CSB had the following input:

- Garrett Jackson (City of Bremerton) mentioned that the City working on updating their Comprehensive Plan and that there is an ongoing effort in considering ways to encourage growth and density, which would positively impact NBK-BR.
- Allison asked about reduced fares and if that is already available through Kitsap Transit.
 - Ed responded that there is currently a program.
- David Forte (Kitsap County) cited a County policy that does not support building parking lots.
 - Alex asked if that just applies to new parking lots.
 - David responded that the goal is to connect communities.
 - Ed responded that the County's model for park and rides in the future is more mixed-use development like the one being built in Port Orchard. Ed also mentioned that the McWilliams park and ride is owned by WSDOT and maintained by the County.
 - PC3 is part of Kitsap Transit's Long-Range Plan park and ride facility. The project description should be updated.
- Shane mentioned that the West Kitsap Way study is showing that roundabouts at the SR 3 Ramps/Kitsap Way intersections (C1) may not be the preferred option.
 - *Will change language related to this strategy to "Build intersection improvements at SR 3/Kitsap Way as recommended by the West Kitsap Way study"*
- Shane suggested that the traffic management center will be needed in the short-term for the planned adaptive signal improvements. Consider moving this project to the near-term instead of mid-term.
- Katie asked if projects C1 and C2 should still be considered mid-term?
 - Ed responded that project C2 may be near-term because Loxie Eagans Blvd is not up to standards.
- David asked if the trigger for making improvements along Loxie Eagans Blvd will likely be the maintenance life cycle of the signal system.
 - George responded that there would likely be a signal upgrade and that Complete Streets would also be triggered.
 - Shane mentioned that WSDOT is ultimately the owner agency for the capacity projects at the SR 3 ramp terminals. He mentioned that there is a lot of development on the west end which is generating trips through that area.
- Katie clarified that the goal is that all projects from SR 303 Corridor Study are finished in the long term. The package includes near-, mid-, and long-terms projects and some are already being implemented.



Discussion

Alex opened the floor for discussion on the draft Preferred Alternative and implementation. The CSB had the following input:

- Allison asked if, separate from this study, the City is considering improvements to the electric grid to accommodate electric cars and buses. Allison also suggested that lighting may be needed for any new or improved active transportation facilities. Lastly, she asked for more clarification or an alternate term for road diets in the documentation for this project.
- There was additional discussion on the proposed SR 3 southbound flyover ramp.
 - George mentioned that the Gorst planning study will end at Kitsap Way on the north end.
 - Katie asked about timing for both the Gorst planning study and the Navy's EIS/SIOP.
 - Allison emphasized that the need for the SR 3 southbound flyover ramp is that people travelling to NBK-BR have to travel through the Kitsap Way or Loxie Eagans Blvd interchanges.
 - Katie will follow up on a potential SR 3 southbound flyover ramp study in a couple weeks.

Next Steps (Alex Atchison)

Alex ended the meeting by discussing the next steps, which include drafting the study plan and report, bringing the draft plan and report to Council for adoption, and finalizing the plan and report.

Attendance

Meeting Attendees:

- Allison Satter, Naval Base Kitsap – Bremerton
- David Forte, Kitsap County
- Ed Coviello, Kitsap Transit
- Garrett Jackson, City of Bremerton
- George Mazur, WSDOT
- Greg Wheeler, City of Bremerton
- James Cook, PSNS
- Nicole Leaptrot-Figueras, Naval Base Kitsap – Bremerton
- Shane Weber, City of Bremerton
- Thomas Knuckey, City of Bremerton

Project Team:

- Katie Ketterer, City of Bremerton
- Alex Atchison, Parametrix
- Emily Welter, Parametrix

City of Bremerton Complete Streets Committee

Meeting Minutes for November 4, 2021 10:00 am

Attendees:

Diane Iverson, Resident
John Larson, Resident
JR Kinnison, Resident
Dana Bierman, Kitsap Public Health
Allison Satter, Naval Base Kitsap
Marco DiCicco, Bremerton School District
Dan Penrose, SCJ Alliance
Aaron Knight, SCJ Alliance
Shane Weber, City of Bremerton
Jeff Elevado, City of Bremerton
Katie Ketterer, City of Bremerton
Tom Knuckey, City of Bremerton
Ned Lever, City of Bremerton
Vicki Grover, City of Bremerton
Cathy Bonsell, City of Bremerton

Presentation, Poll and Discussion: Joint Compatibility Transportation Plan

City of Bremerton Project Manager Katie Ketterer

Committee Comments to alternatives presented:

- Support parking alternatives with capacity alternatives, expand parking, HOV lanes
 - Marco: would school busses be permitted to use HOV lanes? Shane did not know why not
- Relocate parking to away from downtown core (Policies to encourage alternate transportation modes / discourage single occupant commuter vehicles)
- Add Parking on base; HOV lane into City, Burwell Capacity improvements, discourage downtown parking, alterations to Navy gates to add capacity
 - John: if on base parking allowed would it really affect off base parking?
 - Dianne: Would outside base parking be eliminated with this option? (No, it would be additional)
 - Dianne asks about incentive programs to encourage other options- Katie discussed successful worker driver partnership, but it is restrictive; one solution might be to find ways to make more successful. Dianne also suggests option for NBK to offer incentives to park outside the City (Park & Rides)

General presentation comments

- Tom & John: Is there a way to quantify effects of study (cost of parking garage spaces per car, cost of lost of potential revenue to businesses), and less quantifiable (are home sales affected with parking restrictions?)
- John: believes walking and bicycling should be treated separately (within active transportation) when the usage requirements are different

- Poll to be resent to committee members with definitions

Presentation and Discussion: Warren Avenue Bridge Pedestrian Improvements

City of Bremerton Project Manager Vicki Grover, SCJ Alliance

Committee Comments following Presentation:

- Provide definitions for language used in questionnaires.

Dianne

- Provide a cost analysis for each alternative. Safety is very important.
- Would prefer a 12' facility on each side but concerned about costs.
- Existing north side undercrossing at Lebo improves the value of west side only option
- Tunnels can be a big asset if constructed properly. Incl lights, surfacing, bike police/security. More users = more safety.
- Improve Olympic College connectivity
- Tunnel may be better than widening both sides of the bridge
- Two-way traffic on the shared use path options can be user friendly.
- Please explain total width of the sidewalk vs shared use path with shoulders.
- Provide option of high-speed bikes to use the travel lane
- Project should be fundable at a reasonable cost
- Full access in all directions
- Will send photos of a tunnel example

Tom

- prefers shared use path on the east side because it avoids additional road crossings. Unused side of the bridge on the 1-sided widening alternatives shouldn't remain open; could become unsightly (collect trash or encourage loitering). It would be preferred to remove them.
- Could a minimum sidewalk width with an opposing shared use path be feasible? Could the shoulders be narrowed to accommodate this?
- Crossing alternatives on each end should be included with each bridge alternative
- Presentation summary slide should clarify that the one-sided options are 16' total width.
- Could the unused space opposite of the one-sided options be a bike facility?
- Asked the group if an at-grade crossing at the future roundabout north of the bridge would be a viable option for the north end crossing.

Shane

- WSDOT Olympic Region traffic, meeting forthcoming to confirm roadway section and lane widths.
- Timing of the two projects will not overlap
- High speed downhill bikes should be considered for their impact on bi-directional options.
- Asked the group "What is Connectivity" to them

John

- What is the lifespan of the bridge and how long does this project extend the life?
- Connectivity to adjacent sections of Warren should be considered

- There are a lot of people walking on the bridge at nighttime
- East side of the bridge is where most volume is.
- Alternate 4 needs connectivity to Olympic College
- Prefers both 3 & 4, separate shared use paths.
- Would like to know if the alternatives accommodate bike usage for 30 years (remaining life)
- West side options should have ability to stop to enjoy the view

Marco

- City should avoid construction on the Manette roundabout at the same time as Warren Ave Bridge work.

Aaron

- Define goals. One could be “All ages and abilities”
- Discussion about if the presented alternatives are the proper alternatives. 16’ path options should be combined into an A/B option 4
- Replace Option 3 with a 12’ facility on each side

ACTION ITEMS

- Provide City Parking Enforcement Contact to JR Kinnison
- Ensure both presentations are available on the City’s Complete Streets webpage
- Re-send JCTP poll to committee members with definitions
- Dianne Iverson to label and send photos

NEXT MEETING End of February/Beginning of March 2022

Committee will be briefed on the Naval Avenue Pedestrian & Bicycle Improvements Project



Attachment C. Complete Streets Committee Meeting Summaries



MEETING MINUTES

LOCATION: Zoom MEETING DATE: 05/17/2022 TIME: 10:00 AM
SUBJECT: Bremerton Complete Streets Committee – 2022 Q2
Project Discussion
RESIDENTS: John Larson, Dianne Iverson
COB: Vicki Grover, Shane Weber, Katie Ketterer, Jeff Elevado, Ned Lever, Tom Knuckey, Vicki Johnson
BSD: Marco DiCicco
ATTENDEES: KPHD: Karen Boysen-Knapp
KITSAP TRANSIT: Stephanie Lillie
USN: Allison Satter

1. Introductions

Dianne Iverson thanked everyone for all of their hard work.

2. 2022 Grants – PSRC 11th Street Preservation Project and SR 303 Adaptive Signal Technology Project

3. View Ridge Elementary School Project - Safe Routes to Schools Grant

- *Originally, the City was not selected for a Grant, but recently received the “Go Ahead” from WSDOT. Two years ago, WSDOT had no additional funding but now the State of Washington has put up \$4.1 million with the City contributing \$1.4 million to move forward.*
 - *The need was identified for Sylvan Way to Ivy Road; bike lanes were not solidified to get children to View Ridge Elementary.*
- *The City is still in the planning stages and would like feedback from the group.*
 - *Feedback is requested for the children to connect with bike path to the non-motorized path.*
 - *A north/south connection is needed.*
- *Phase I – Three times the amount of funding is now available.*
 - *Phase I had 6-foot sidewalks between Sylvan Way and Ivy Road; bike lanes; 2 RFBs, road reconstruction; and a ditch for stormwater.*
- *Phase II is the grant for View Ridge Elementary.*
 - *Almira Drive/Ivy Road to NE Riddell Road.*
 - *There’s a new housing development on Riddell Road.*
- *Some background – Coordinate closely with Bremerton School District as the City did with sidewalks to Kitsap Lake; sidewalks on Almira; and a no bus zone on Ivy Road.*
- *How do we get the sidewalks on Almira Drive to View Ridge Elementary? Do we want sidewalks and bike lanes on the west side of Almira or on both sides?*
- *Speeds on Sylvan Road with children and bicycles are a concern.*
- *There is a need for a shared-use path across Sylvan Way to E. 33rd Street.*
 - *There is an alleyway through the library property and Ts onto E. 33rd St.*
- *The long-range vision would be a shared use path from Sheridan Road to Sylvan Way, and a shared use path onto E. 33rd Street.*
- *There are bike lanes planned on Almira Drive with a path on E. 32nd Street and a bike path down the alley.*

- *We need a shared use path from Sheridan Road to Sylvan Way.*
- *Dianne Iverson stated she is excited about the WSDOT Grant.*
 - *She is in favor of a path west of the alleyway.*
 - *She cited a 2016 letter from Kitsap Regional Library where they said they would be excited to have children on the property.*
 - *E. 33rd Street has less traffic and is safer for the children.*
 - *Eighty-eight homes went in on Almira Drive in 2016, all of the children are driven the four blocks to school due to safety concerns.*
- *John Larson stated that a path is needed to connect further.*
 - *Sylvan Way to Spruce Avenue, it's a bad crossing for children, assistance is needed for crossing.*
 - *Tom Knuckey stated there are RFBs at the crossing.*
 - *Shane Weber stated there is an RFB at Spruce in the current plan as part of a separate project.*
 - *John commented that Almira has two crossing points where the young children need assistance; and asked if guard are needed?*
- *Marco DiCicco of Bremerton School District stated there are very few educators for guards, and that Sylvan and Spruce are designated crossings.*
 - *He mentioned there is a large transient population living in the woods behind the school.*
 - *He likes connecting the roads; there's security at the school.*
 - *He likes RFBs and the idea of E. 33rd Street and the library.*
 - *They can redeploy crossing guards.*
 - *They have 12 substitute paraeducators for the whole district, so they would have to redeploy the staff that they have.*
 - *The child-related jobs are paraeducators, which are drawn from staffing and adults when off school grounds.*
 - *Shane Weber inquired about security and a shared-use path on the south side of E. 33rd Street.*
 - *Marco stated approximately 1.5 years ago, the district put up security fencing and gates to keep out people who don't belong on school grounds.*
 - *The path must fit in the Security Plan. Outside of the fencing is fine, but along the back of the fencing needs to be approved by Security.*
 - *Outside of the path, more lighting is needed and a wide area to walk through.*
 - *The school has K-5th grade children, the safety of them is most-important.*
 - *Possibly remove some trees for security.*
- *Ned Lever there is a new requirement from WSDOT for bike lanes to school.*
 - *Grant money has been offered, but the new requirement is for the bike lane, so we are trying to solve that.*
 - *The path to Sheridan has two parts: the north end to Almira Drive and the path to Sheridan Road.*
- *We could use help strategizing to get a shared-use path.*
 - *The long-range vision is for a north/south route for bicyclists.*
 - *Almira Drive*
 - *South from Almira Drive to the Manette Bridge and into West Bremerton.*

- *Phase II – Ivy Road to NE Riddell Road*
 - *The project includes: curb ramps, crossings, traffic calming, six-foot sidewalks, a bike lane, and pipe for stormwater.*
 - *New sidewalks or a bike lane for most of the road.*
 - *What makes sense for crossings?*
 - *Dianne Iverson agreed with comments about security and the path behind the school.*
 - *She stated that Boise Police Department patrols in areas where there are paths.*
 - *She said that Hollis Street is a major corridor with a traffic light; there is a lot of traffic making a left turn on Almira Drive from Hollis. Traffic calming at Hollis/Amira is needed, possibly a small roundabout? Speed is the number one issue as the road encourages speed.*
 - *Shane Weber commented that there are complaints about speed there, it's a popular cut-through.*
 - *Marco DiCicco said that sidewalks are needed, there are bus stops on Almira and Ivy.*
 - *They need a set walk zone for the Elementary kids; wide sidewalks are better.*
 - *The buses try to stop 1.5 bus lengths from the intersections so there is a place for kids to gather and be seen.*
 - *There's a stop on Clemens Street and Worrall Drive; Hollis Street may be better.*
 - *He is concerned about the buses and a roundabout but wants traffic calming for 40-foot buses.*
 - *Diane Iverson commented that some children are let out at the ditches due to the intersections.*
 - *Shane Weber asked Marco DiCicco about widening the sidewalks where the buses stop?*
 - *Marco stated they need six-foot sidewalks for congregating and to get on and off the bus.*
 - *Diane Iverson asked about mountable sidewalks, and what were the downsides of them; the curb acts as a barrier and a six-inch curb feels safer.*
 - *Fourteen-foot sidewalks for pedestrians and bicycles makes it easy for bikes get in and out of the path.*
 - *Shane Weber said a lot of pedestrians are for that, but a trip hazard exists.*
 - *Katie Ketterer commented that if you have a mountable curb, people will park on the sidewalk.*
 - *John Larson suggested angle street parking or parallel parking.*
 - *Shane Weber commented that people don't like angled parking, regardless if it's front or back angled in.*
 - *There's parallel parking on Almira currently, but you have to make sure the bike lane doesn't get impacted by the door swing.*
 - *Put a bike lane in the drive lane side as a through-route for bicyclists; similar to Lebo Blvd. west of the Warren Avenue Bridge.*
 - *John Larson said it would be helpful to show the lane and how it would work; Shane Weber said that we need to look at it in the Design phase.*
 - *Dianne Iverson said there's a Kitsap Transit stop, senior living area, a bike lane and a bus stop.*
 - *Stephane Lillie said the buses run infrequently, every half hour, and it would be best to route the bike lane behind the bus stop.*
4. *6th Street Re-channelization Project – WSDOT Pedestrian and Bike Grant*
- *Has been in the works for a couple of years.*

- *The plan is for bicycles on 6th Street.*
 - *Feasibility Study*
 - *Burwell, 6th and 11th Streets.*
 - *Recommendation is for 6th Street, turn four lanes into three lanes with a bike lane.*
 - *Install a center turn lane.*
 - *From 11th Street/Kitsap Way intersection to Washington Avenue.*
 - *The consultant is preparing the concept; it's not far enough along to show.*
 - *Feedback on the project is appreciated; Katie Ketterer is working on it.*
 - *Applied for a grant from WSDOT in June 2022.*
 - *Tom Knuckey stated that it's a significant decision for the City, it will be discussed with the City Council and there will be public input.*
 - *The Joint Compatibility Transportation Plan (JCTP) will be the best place for comments.*
 - *The grant process was discussed – We applied for the grant, then present it before the Finance Committee and City Council to move everything forward.*
5. *Joint Compatibility Transportation Plan (JCTP)- Public Outreach*
- *Katie Ketterer presented.*
 - *The big presentation was at a November 2021 meeting.*
 - *There will be a community sounding board in June and at City Council.*
 - *Early- to mid-July, there will be a public Open House to share preliminary preferred alternative.*
 - *In October 2022, we will be doing the final refinement of preferred alternative after getting more feedback from a September 2022 Open House.*
 - *The Final Report should be done by December 31, 2023.*
 - *Next steps:*
 - *Prioritize goals based on feedback.*
 - *Identify and analyze preferred alternatives.*
 - *Solicit feedback.*
 - *Dates yet? At least four to six weeks out; we can send them when they're known.*

Attachment: Safe Routes to School (SRTS) Phase 1 Grant, Figures 1 & 2

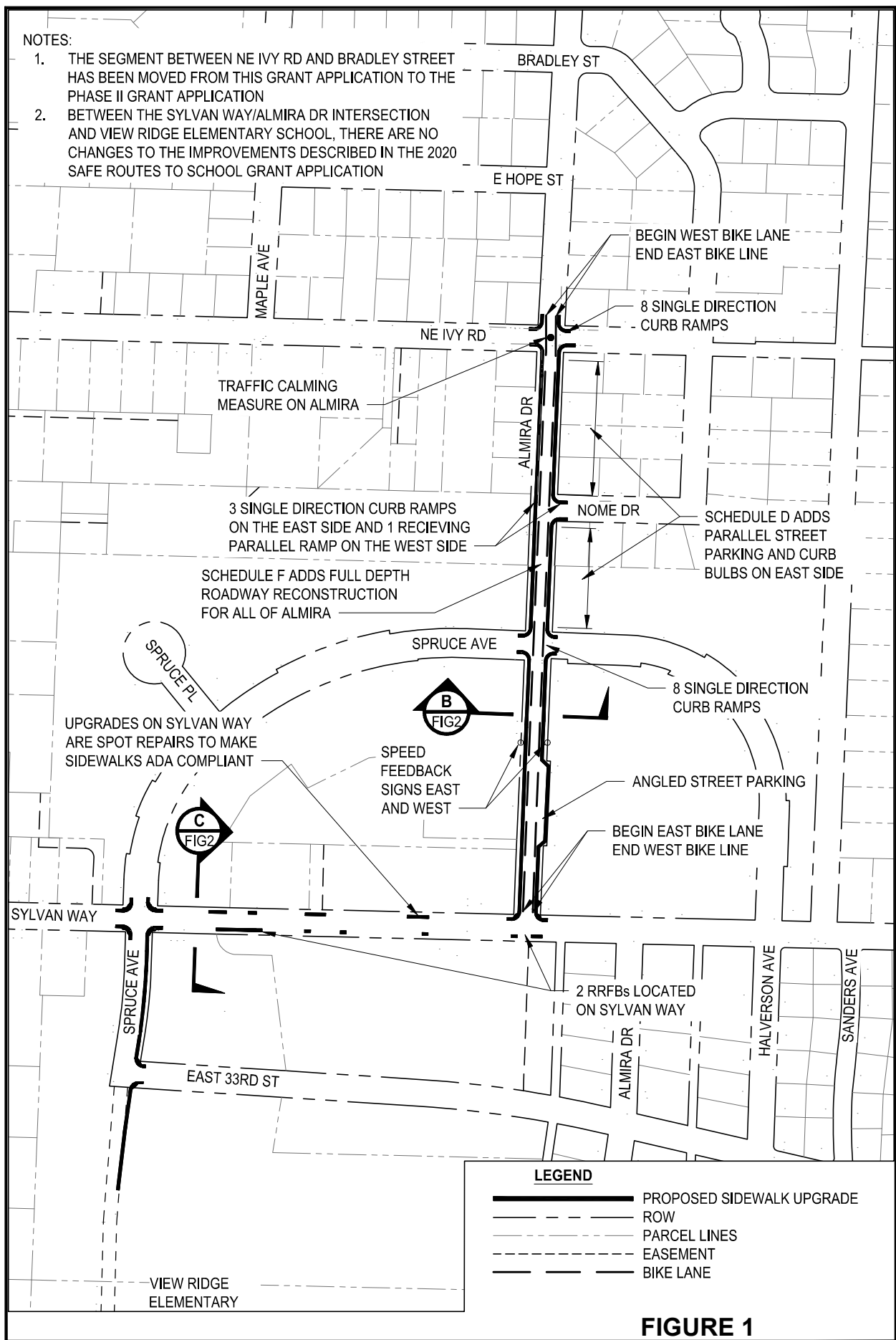
NEXT REGULAR COMMITTEE MEETINGS:

Q3 - Tuesday, August 16, 2022 10am-12pm on ZOOM

Q4 - Tuesday, November 8, 2022 10am-12pm on ZOOM

NOTES:

1. THE SEGMENT BETWEEN NE IVY RD AND BRADLEY STREET HAS BEEN MOVED FROM THIS GRANT APPLICATION TO THE PHASE II GRANT APPLICATION
2. BETWEEN THE SYLVAN WAY/ALMIRA DR INTERSECTION AND VIEW RIDGE ELEMENTARY SCHOOL, THERE ARE NO CHANGES TO THE IMPROVEMENTS DESCRIBED IN THE 2020 SAFE ROUTES TO SCHOOL GRANT APPLICATION



LEGEND

- PROPOSED SIDEWALK UPGRADE
- ROW
- PARCEL LINES
- EASEMENT
- BIKE LANE

FIGURE 1
VIEW RIDGE
ELEMENTARY
 SAFE ROUTES TO SCHOOL



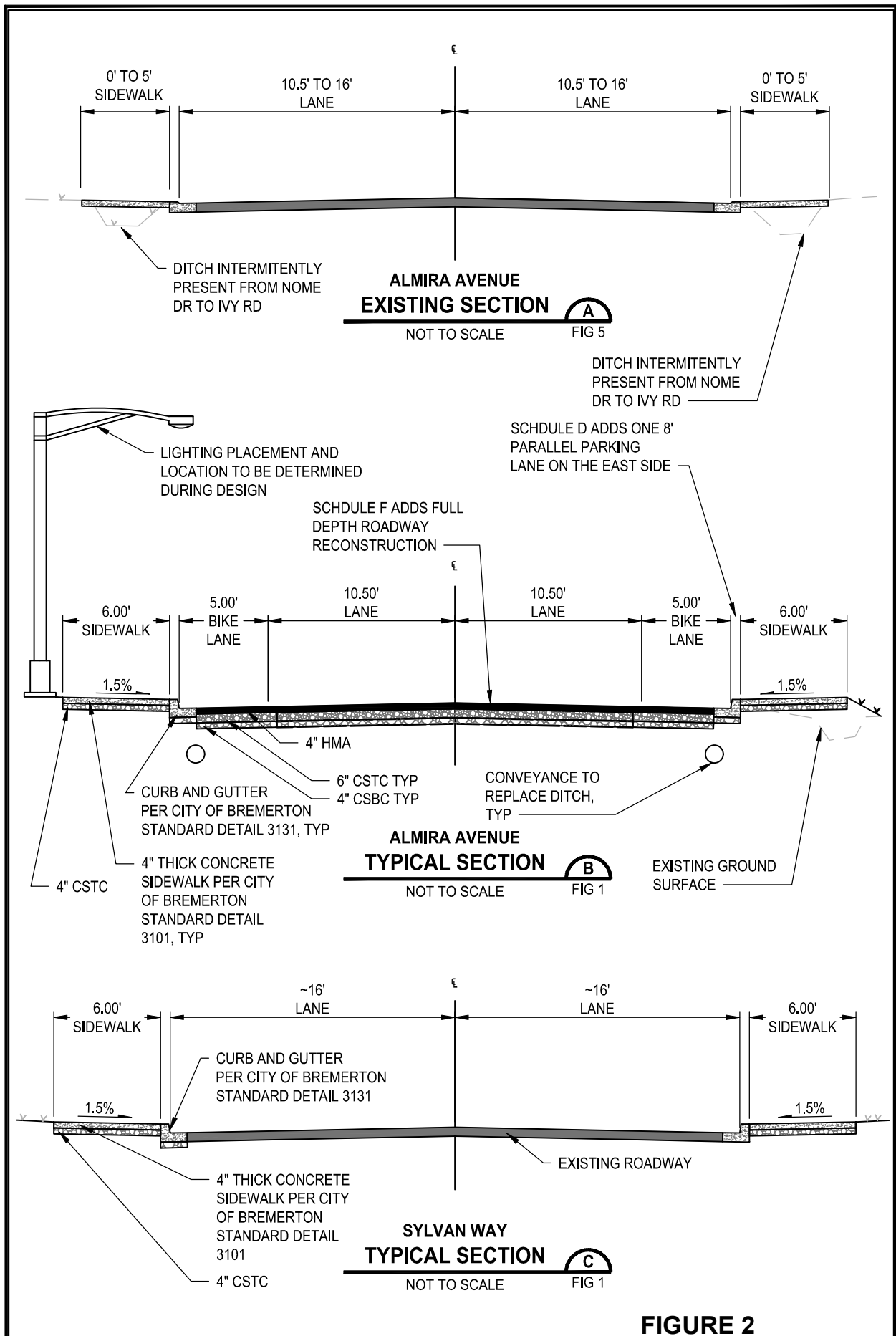


FIGURE 2
VIEW RIDGE
ELEMENTARY
 SAFE ROUTES TO SCHOOL



Attachment D. Open House Summaries



**Joint Compatibility Transportation Plan
Virtual Open House
February 9, 2021
Via Zoom Meeting
5 – 6:15 p.m.**

MEETING SUMMARY

Overview

On Feb. 9, 2021, the City of Bremerton hosted a virtual open house to introduce the Joint Compatibility Transportation Plan, which aims to address traffic and parking concerns to support Naval Base Kitsap-Bremerton (NBK-BR) and community growth. The project team explained why the City is planning transportation improvements and shared the study timeline, including future outreach milestones. The project team encouraged attendees to participate in the public information survey and visit the project website for updates.

Notifications

The team promoted the virtual open house through a variety of channels, including:

- Email invitations sent to community members who expressed prior interest in the study.
- Email invitations sent from Community Sounding board members to their constituencies.
- Social media posts advertised on the City's Facebook page from Feb. 1-9.
- Flyers to local businesses and community-based organizations.
- Announcements on project partner websites including NBK-BR website.

Objectives

The virtual open house offered an accessible way for the City of Bremerton to introduce the study to community members when in-person gatherings are restricted due to COVID-19. The meeting was interactive, allowing attendees to view a presentation and leave comments through either the comment box or verbally during the question and answer portion of the meeting. The City's main objectives included:

- Introducing the study and explaining why the City and NBK-BR are working to improve transportation in the Bremerton area.
- Gathering input about the corridor issues, needs and opportunities for improvements.
- Notifying community members about future opportunities to provide feedback to help inform the project.

Meeting Overview

The City hosted the virtual open house using Zoom from 5 – 6:15 p.m. A total of 31 community members participated in the meeting.



The virtual open house team included:

- Katie Ketterer, Project Manager, City of Bremerton
- Greg Wheeler, Mayor, City of Bremerton
- Tom Knuckey, Director of Public Works and Utilities, City of Bremerton
- Michael Horntvedt, Consultant Project Manager, Parametrix
- Emily Welter, Facilitator, Parametrix
- Artie Nelson, Note taker, PRR

Katie Ketterer, project manager, welcomed attendees to the virtual open house and introduced the panelists. Mayor Greg Wheeler provided additional opening remarks and Katie gave an overview of the study and presentation topics. She highlighted several key issues the City is working to resolve, including congestion in and around NBK-BR, parking constraints, lack of options for people walking and biking, and projected growth. The City and NBK-BR are partnering to address these challenges.

Michael Horntvedt, consultant project manager, discussed the process of selecting and implementing a preferred alternative to address the issues and needs related to the study area. He described how the City will work with project partners and the community to inform possible solutions and highlighted upcoming opportunities for input. Michael encouraged participants to take the survey and to ask their neighbors and friends to take the survey. He let them know it would be important to learn more from the public about how they travel in and around Bremerton.

Comment Summary

The project team invited participants to share questions and comments after the presentation by “raising their hand” to speak or typing comments into the chat box. Emily Welter, facilitator, and the project team responded to 21 questions and comments from community members. Below is a summary of key themes:

- A couple of participants asked about Community Sounding Board (CSB) representation and offered suggestions for additional members, including the Non-motorized Citizens Advisory Committee, West Sound Bicycling Club, and a resident who lives in the neighborhood near NBK-BR.
- A few participants shared comments about the pedestrian safety and traffic issues in the Gorst Corridor and asked the project team to focus on solutions in that area as well.
- A couple of participants shared comments about traffic congestion along SR 304 and SR 3 and shared potential solutions, for example:
 - Signage along the routes to educate motorists about merging.
 - Building a bridge that connects SR 3 to SR 16.
- A couple of participants asked about how the pandemic affect’s the study teams’ approach and projections for the future of travel throughout the City.
- A couple of participants shared that the City should make sure current projects related to pedestrian improvements throughout the area move forward as planned during the Joint Compatibility Transportation Study.
- A few participants asked what transit models the City plans to use to evaluate different options.
 - A couple of people also asked if the City is looking at other cities outside of the U.S. for examples on how to address transit issues, i.e., how Dutch cities configure bicycle and pedestrian connections.
- A couple of participants shared comments about adding more affordable parking downtown.



- One participant asked about long-term funding to build the project.

Next Steps

The project team will continue to gather input from the Community Sounding Board and project partners to ensure study meets the needs of the community. The City will host another virtual open house in August to report back and share screening results, design refinements, and other new information. All virtual open house materials are available on the [project website](#).



Appendix: Meeting Transcript

- 00:43:25 Katie Ketterer: Some helpful links:
- 00:43:34 Katie Ketterer: Project webpage link: www.BremertonWa.gov/JCTP
Project survey link: <http://bit.ly/CommuteBremerton>
- 00:44:58 Phil Babcock: Thanks Katie!
- 00:49:22 Rick Feeney: West Sound Cycling Club would be a "valuable" formal member of the CSB.
- 00:58:28 Charles Michel: Should not a rep from the Complete Streets committee be in the community focus group?
- 00:58:39 Paul Nelson: Is a Gorst bypass an option?
- 01:00:34 Paul Dutky: Local businesses are on the sounding board; I think someone who lives in the closest neighborhood to the base would add tremendous value to the committee.
- 01:02:13 Rick Feeney: The Non-Motorized Citizens Advisory Committee can also give good information on linking up to Kitsap County.
- 01:02:24 Edward Coviello - Kitsap Transit: We are looking for transit ideas as well. Ed
- 01:02:42 Paul Dutky: This is Dianne. How does an agency project the future LOS when the pandemic has affected our new normal and we have young professionals who are not so car centric?
- 01:02:46 Galaxy S9+: sorry if I missed it but did you cover schedule of the study?
- 01:05:43 Luke Price: it is on the shipyard homepage.
- 01:09:48 Jake Parks mobile: is the goal to accommodate all modes of transportation equally, or will there be considerations to push in a certain direction that may negatively impact some modes? how will those decisions be made?
- 01:12:41 Galaxy S9+: what is the plan for balancing policy driven initiatives versus the need to address concurrency issues. population will grow and mobility will continue to increase in demand. Are we discussing accepting worse LOS for passenger vehicles to promote transit and active transportation modes?
- 01:12:48 Luke Price: are alternative options being investigated in good faith? Many car capacity issues would be solved by fewer cars, that are not solved by adding extra lanes
- 01:13:07 Rick Feeney: Remember the in-depth plan for a shared use path from Gorst to Bremerton.
- 01:13:51 Rick Feeney: ...to go along with the 3-lane expansion.



- 01:14:30 Paul Dutky: This is Dianne. How is active transportation being addressed in the Gorst corridor? Currently it is very unsafe to cycle the highway.
- 01:17:52 Phil Babcock: I would like to feel safe riding my bike on errands around the city. Will there be plans for expanding bike parking and safe bike and pedestrian corridors on the major east/west and north/south corridors through the city?
- 01:20:39 Britany Ashley: Are there plans for increased affordable parking downtown? Maybe more garages?
- 01:21:10 Luke Price: yes!
- 01:23:56 Luke Price: thanks, Charles.
- 01:25:03 Jake Parks mobile: are you looking at example cities for different modes? I know like the Dutch have cycling figured out, maybe other cities are great at walkability, and others may have dealt with huge commuter stress like the shipyard. are we looking to existing proven solutions?
- 01:28:09 Rick Feeney: WSCC appreciates the direction the City of Bremerton is taking with multi-modal transportation.
- 01:28:49 Tom Knuckey: Here is the link to the 2021 Construction Map.
- 01:28:59 Tom Knuckey: <https://www.bremertonwa.gov/DocumentCenter/View/7809/2020-Construction-Map-PDF?bidId=> .
- 01:29:26 Phil Babcock: Are there plans to look at expanding and increasing the frequency of bus routes around the city and county?
- 01:33:31 Edward Coviello - Kitsap Transit:Yes, there is a long-range planning study now that will look at this, it will display what the costs will be to implement more frequent transit
- 01:33:59 Edward Coviello - Kitsap Transit:There will be a public outreach process this spring and summer.
- 01:34:40 Jake Parks mobile: as a ferry commuter, I appreciate what Bremerton has done in the last few years for that mode. As a bicycle commuter, I appreciate your upcoming work!
- 01:35:16 Luke Price: are you looking into long-term funding? i.e., after federal grants dry up is new infrastructure sustainable at projected tax levels.
- 01:36:34 Edward Coviello - Kitsap Transit:For transit, our Long-Range Plan will identify the funding gaps to implement transit improvements.
- 01:37:18 Phil Babcock: Thanks all!



**Joint Compatibility Transportation Plan
Virtual Open House
December 2, 2021
Via Zoom Meeting
5:30 – 7:30 p.m.**

MEETING SUMMARY

Overview

On December 2, 2021, the City of Bremerton hosted a virtual open house to share updates on the Joint Compatibility Transportation Plan, which aims to address traffic and parking concerns to support Naval Base Kitsap-Bremerton (NBK-BR) and community growth. The project team explained why the City is planning transportation improvements, and shared project goals, study results, and a handful of project alternatives the City has begun to evaluate. The project team encouraged attendees to ask questions following the presentation and visit the [project website](#) for more information and updates.

Notifications

The team promoted the virtual open house through a variety of channels, including:

- Email invitations sent to community members who completed or expressed interest in the study.
- Email invitations sent from Community Sounding board members to their constituencies.
- Social media posts advertised on the City's Facebook page on November 19th.
- Advertisement on roadway billboard on SR 303 and SR 3 from November 19 – 29th.
- Announcements on project partner websites including NBK-BR website.

Objectives

The virtual open house offered an accessible way for the City of Bremerton to share project updates and study results with community members, while limiting in-person gatherings due to COVID-19. The meeting was interactive, allowing attendees to view a presentation and leave comments through either the comment box or verbally during the question and answer portion of the meeting. The City's objectives included:

- Reintroducing the study and explaining why the City and NBK-BR are working to improve transportation in the Bremerton area
- Sharing project goals and schedule updates, as well as project milestones and accomplishments
- Reporting back on what we heard in the survey and describing how the project team uses feedback to consider project alternatives
- Sharing early findings of project alternative analysis
- Notifying community members about future opportunities to provide feedback to help inform the project.



Meeting Overview

The City hosted the virtual open house using Zoom from 5:30 – 6:45 p.m.

The virtual open house team included:

- Katie Ketterer, Project Manager, City of Bremerton
- Greg Wheeler, Mayor, City of Bremerton
- Michael Horntvedt, Consultant Project Manager, Parametrix
- Alex Atchison, Transportation Lead, Parametrix
- Lizzy Buechel, Notetaker, PRR

Katie Ketterer, project manager, welcomed attendees to the virtual open house and introduced Mayor Greg Wheeler who shared additional opening remarks. Katie gave an overview of the project and presentation topics. She described key issues the City is working to resolve, including congestion in and around NBK-BR, parking constraints, lack of options for people walking and biking, and projected growth. Katie described how the City and NBK-BR are partnering to address these challenges.

Katie described the project goals, including studying existing and future transportation issues and developing solutions to resolve them. Katie explained that the project team will evaluate options to mitigate transportation and parking demands and develop a prioritized implementation plan to solve challenges in a balanced, integrated way. Katie emphasized the project team's focus to develop multimodal solutions that consider both the livability of downtown Bremerton and access to NBK-BR.

Katie provided an overview of the project schedule and shared recent milestones since the last public meeting. The project team has convened several community sounding board meetings; launched and completed a public survey; considered issues, needs, and existing conditions in the project area; developed a project list and evaluation screening method; and began evaluating potential projects.

Michael Horntvedt, consultant project manager, shared a summary of community survey results and explained how those findings helped the project team develop and begin evaluating project alternatives. Michael shared that around 600 people responded to the survey. Of those people, about 85% traveled to Bremerton for work. Most respondents shared that they travel into Bremerton, while the remainder travel through the city to get to final destinations. Over 60% of respondents declared they travel to downtown Bremerton to access the naval base area.

Michael described survey questions and results, including respondents preferred travel method. Over 50% of survey respondents shared they drive alone. When asked what they need to use transit, survey respondents shared they would like more frequent, and direct service as well as extended operation times for transit. People shared that they would use a van pool or carpool services if parking were convenient, but don't know where to begin to establish them. Respondents would like the assurance of free rides home in the case of emergencies. Respondents also favored increased shift flexibility and extended operating times for the Worker Driver Bus. Overall, people want convenient and flexible transportation options.

The survey asked what people need to feel safer while biking. Respondents support protected bike lanes, separated from the road with bumpers or painted markers. They also suggested new and improved bike lanes throughout the corridor.



Michael explained how the project team used survey results to consider project alternatives. This community input helped the team prioritize needs and develop categories including projects focused on roadway capacity improvements, shipyard access, roadway efficiency and safety (which involves signal timing/intersection control), active travel improvements, and parking solutions.

Michael shared some examples of specific projects under consideration in each category. Some of these projects included:

- Adding lanes on critical corridors (specifically adding a second lane throughout Burwell Street)
- Placing roundabouts at key locations
- Modifying gates to improve access to the shipyard and reduce congestion on local roadways
- Increasing transit accessibility by increasing the frequency of Kitsap Transit and Worker Driver Buses and expanding parking availability at park and ride lots
- Expanding access to active transportation by constructing ramps and more bike lanes throughout the city
- Road diets that use roadway space more efficiently
- Incentives for mode shifts including partnerships with employers and updated parking policies.

Michael shared early findings from evaluations of these considerations. Michael explained that reconfiguring 11th and 6th streets would likely impact mobility in the city, and reconfiguring 6th street only may be more feasible. He also explained that City may update traffic signal technology early in the implementation phase to benefit mobility throughout the city. Michael concluded that building parking alone for all of the base demand would be cost prohibitive.

Comment Summary

The project team invited participants to share questions and comments after the presentation by “raising their hand” to speak or typing comments into the chat box. Katie and Michael responded to questions and comments from community members including:

- Has Puget Sound Naval Shipyard (PSNS) and Kitsap Transit considered a shipyard worker ferry stop for South Kitsap Shipyard workers to the end of a pier into Shipyard (e.g., near DD5)?
- Is the ferry rider parking lot on Montgomery and Callow open to PSNS employees who carpool?
- Does PSNS offer benefits to employees who carpool or use other alternatives to driving alone?
- Will the decision around reconfiguring 6th street happen prior to the third phase of paving?
- Will the City survey people who live next to the base?
- Are there considerations for a covered bike structure near PSNS?
- Have you engaged a community developer for alternative options and financing for parking garages? The developer could build a structure that compliments the city and surroundings, with options to add housing.
- When can we expect changes to address big concerns?
- There were a few questions about the Sherwood Drive bicycle access project, including how to provide input and get more information.
- Is there a fee for PSNS employees to park cars on base?
- Have you considered how folks would get to work from Gorst in emergency situations?
- It seems like we have enough space for two ten story parking garages. Can you expand and explain why that’s not an option?



- We need a 1st street contra flow bike lane to get from Callow bike lane to Naval Ave to 4th street to complete a route to downtown Bremerton and the ferry system. Burwell is not wide enough to accommodate bike and vehicle traffic.
- Has the city considered adding electric scooters and bikes to make it easier for employees to park farther away and then commute to the ferry or shipyard?
- Will the study consider zoning changes near transit stops or the shipyard to reduce reliance on longer-distance transit?
- Are there any other programs or grants to support implementing this project?
- Could the City place parking garages further away in West Bremerton and provide buses into NBK-BR?
- There were a few comments expressing support for covered bike parking and cycling facilities, as well as road diets for 6th street
- Suggestions for a sky tram.
- Could the City and NBK-BR work with local developers to create parking options?

Next Steps

After summarizing early findings from the project team's evaluations, Michael shared the team's next steps to complete the plan. Michael shared the project team will:

1. Continue to collaborate with the community sounding board members and public for feedback
2. Continue evaluating preliminary alternatives to understand the benefits of various projects
3. Refine the preferred project list to ensure a balanced, integrated set of solutions
4. Estimate costs and potential implementation schedules
5. Share results at the next public open house, around May 2021

Michael and Katie encouraged participants to visit the project [web page](#) for more information.



**Joint Compatibility Transportation Plan
Virtual Open House
October 11, 2022
Via Zoom Meeting
6:00 – 7:30 p.m.**

MEETING SUMMARY

Overview

On October 22, 2022, the City of Bremerton hosted a virtual open house to share updates on the Joint Compatibility Transportation Plan, which aims to address traffic and parking concerns to support Naval Base Kitsap-Bremerton (NBK-BR) and community growth. The project team reviewed the purpose of the study, the work to date and presented the preferred alternative. The project team encouraged attendees to ask questions following the presentation and visit the [project website](#) for more information and updates.

Notifications

The team promoted the virtual open house through a variety of channels, including:

- Email invitations sent to community members who completed or expressed interest in the study.
- Email invitations sent from Community Sounding board members to their constituencies.
- Social media posts advertised on the City's Facebook page from October 3, 2022.
- Flyers to local businesses and community-based organizations.
- Announcements on project partner websites including NBK-BR website.

Objectives

The virtual open house offered an accessible way for the City of Bremerton to share project updates and study results with community members, while limiting in-person gatherings due to COVID-19. The meeting was interactive, allowing attendees to view a presentation and leave comments through either the comment box or verbally during the question-and-answer portion of the meeting. The City's objectives included:

- Review the purpose of the study and explaining why the City and NBK-BR are working to improve transportation in the Bremerton area
- Sharing project goals
- Sharing the evaluation process that led to the preferred alternative
- Sharing the preferred alternative
- Notifying community members about future opportunities to provide feedback to help inform the project.

Meeting Overview

The City hosted the virtual open house using Zoom from 6:00 – 7:30 p.m.



The virtual open house team included:

- Katie Ketterer, Project Manager, City of Bremerton
- Greg Wheeler, Mayor, City of Bremerton
- Alex Atchison, Consultant Project Manager, Parametrix

Katie Ketterer, project manager, welcomed attendees to the virtual open house and introduced Mayor Greg Wheeler who shared additional opening remarks. Katie gave an overview of the project and presentation topics. She described key issues the City is working to resolve, including congestion in and around NBK-BR, parking constraints, lack of options for people walking and biking, and projected growth. Katie described how the City and NBK-BR are partnering to address these challenges.

Katie described the project goals, including studying existing and future transportation issues and developing solutions to resolve them. Katie explained that the project team is evaluating options to mitigate transportation and parking demands and develop a prioritized implementation plan to solve challenges in a balanced, integrated way. Katie emphasized the project team's focus to develop multimodal solutions that consider both the livability of downtown Bremerton and access to NBK-BR.

Alex Atchison, consultant project manager, shared a summary how the team put together the preferred alternative. The project team identified the issues through several sources, including analyzing existing data, reviewing previous plans in the area, and incorporating public input. The issues identified included congestion, parking frustrations, poor sidewalks, difficulty biking to work, transit frustrations, and the need to accommodate growth in the City. The list of solutions was compiled from public input, ideas from the project team and results of analyzing the existing issues.

Using the issues identified, the project team explored multiple solutions including adding travel lanes on City arterials, adding dedicated bus lanes, improvements to inflow at the Base gates, adding bike lanes, mass transit options, including rail, replacing traffic signals with roundabouts, adding parking downtown and/or on Base and safety projects. Alex then explained that the solutions were evaluated, considering high level elements such as were the solutions feasible and were they consistent with the project's vision. Solutions were also evaluated for effectiveness using metrics including travel times, mobility, safety, parking, improvements to active transportation, economic viability, base accessibility, and livability.

Alex explained the key elements of the preferred alternative included:

- Provide additional parking outside of downtown in strategic locations
- Build roadway improvement projects that make roads more efficient and support all users
- Provide shuttle service to get from additional parking to downtown quickly, efficiently, and safely
- Implement policies to encourage mode shift
- Focus on creating a safe, efficient network of sidewalks and bike lanes in downtown and neighborhoods surrounding the Base



Alex explained that 38 solutions were included in the Preferred Alternative. The solutions included signal improvements, roundabouts, bicycle Improvements, pedestrian Improvements, base gate improvements, new parking, parking management and policies, transit service improvements, Park & Ride improvements, and programs to encourage mode shift. The approximate cost, without including new parking, is approximately \$131 million. Four new parking structures are proposed in the preferred alternative, with costs ranging from \$23 to \$103 million dollars. The total estimated cost of the parking structures was \$200 million.

Alex then walked through graphics depicting the elements of the Preferred Alternative. The graphic can be found on the [project website](#).

Alex explained the benefits of the solutions included in the Preferred Alternative. The sidewalk and bike lane projects will help create a walkable/bikeable community that is attractive to live and work. Project examples include improving all sidewalks within a 10-minute walk of the Base gates to make it easier for all users to walk / roll. The new bike facilities on Shorewood Drive, 6th Street, Naval Ave and 1st Street will connect with existing bike facilities to help create a connected bike system across the city.

Alex explained that project will make it easier and safer to access the Base by alternate modes. Examples include protected bike lanes, express shuttle service from park-and-rides and incentives to use transit and other modes. The project will help reduce the number of people using single occupancy vehicles, helping to reduce congestion. Examples include incentivizing mode shifts, providing parking outside of downtown coupled with shuttles, and allowing teleworking options. Another benefit of the project is the use of technology to improve roadway efficiency. Examples include adaptive signal technology to help reduce delays and adding a Traffic Management Center to help the city monitor traffic and direct and support incident response to keep roads clear and traffic moving safely

Katie brought the presentation to a close, sharing the team's next steps. The project team will:

1. Refine the preferred alternative based on feedback. Katie encouraged participants to fill out an online comment form found at www.bremertonwa.gov/jctp
2. Present the preferred alternative to the City Council
3. Finalize the preferred alternative and draft the plan and report
4. Bring the draft plan and report to the Council for adoption
5. Finalize the plan and report

Katie encouraged participants to visit the project [web page](#) for more information. Mayor Wheeler noted that the city would like as much feedback as possible from the project, a key to the project's success.

Comment Summary

The project team invited participants to share questions and comments after the presentation by "raising their hand" to speak or typing comments into the chat box. Katie and Alex responded to questions and comments from community members including:

- Comment: what is a parking management zone? And does it involve metering?
 - Answer: This involves several strategies to meet the goal of providing a better balance between commuter parking and business parking. Could include metered parking, validated parking, vouchers, etc.



- Commentor noted that the plan seems strategic and detailed.
- Comment: Is the roundabout proposed at Naval / 6th was multi-lane.
 - Answer: the roundabout is proposed as a single lane roundabout. It is not part of the current Naval Ave project. It is one of the longer-term improvements proposed.
- Comment: Will the “all-walk” timing on Park Street cause queuing?
 - Answer: The City will double check on if the project causes any unintended queues.
- Comment: This project looks excellent! Will there be a phased implementation? Would like to see the bike lane on First Street come first and suggested it be implemented with blocks and markers.
 - Answer: The study report will include an implementation plan.
- Comment: How many cars need to be removed from the downtown area? And how many family housing units will be built in the future between Warren Avenue and the waterfront?
 - Answer: the analysis looked the year 2050 and the project team estimated approximately 1,000 single occupancy vehicles in the PM peak hour shifted to another mode. This a fairly conservative assumption considering the number of vehicles overall in the PM peak. It was also based on survey results from the people who said they were willing to change their mode if other options were available. The study estimated that the number of households between Washington(east), Naval (west), 13th Street (north) and Burwell (south) was approximately ~1,700 households. The city will be updating their Comprehensive Plan soon and more details regarding growth in housing will be included in that plan.
- Comment: Has there been discussion with the shipyard about their plans to optimize their infrastructure and what does that look like when moves internally are made – how does that impact the roadways outside the shipyard?
 - Answer: The City has been working closely with the shipyard on this project as well as efforts through their environmental permitting for their upcoming changes. The City will be commenting on their environmental work and they are working with us on this study; contact Allison Setter allison.satter@navy.mil

[Comments received via City website after the meeting](#)

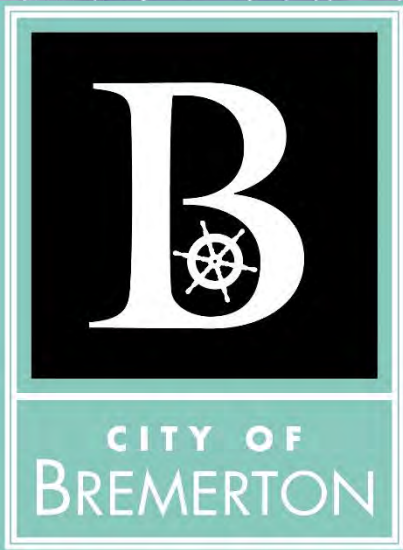
- Question if the project included any curb painting
- Question if “create commercial parking zones” means proposing parking meters; also a comment that downtown Bremerton needs more housing and basic retail services. With these, more people could live downtown or nearby and not need to drive.
- Comment that suggested implementation of non-motorized facilities include a wide shared use path across the Warren Avenue Bridge and include a shared us path under Warren Ave via tunnel at Olympic College as part of the future bridge improvements. Almira Drive improvements should include a safe crossing of Sylvan at Almira Drive. 6th Street road diet should include bike boxes. Naval Ave bike-ped improvements should include bike boxes. Share use path from Jackson Park neighborhood to Sylvan Way should include lighting and other safety features. Bike parking should be expanded in downtown Bremerton. A shared use path from Bremerton to Gorst is essential to biking in Kitsap Conty and finally, safe bike and pedestrian facilities to the Naval Shipyard from all future park-and-rides.
- Commentor supported the draft plan as presented. Encouraged Council to go “all-in” on 6th Street.
- Commentor is supportive of the plan. Noted the left-turn signal onto 11th from Naval is short.



- Commentor was supportive of the bike improvements. Would like to see protected bike lanes. Does not support replacement of traffic signals with traffic circles. Feels they are difficult to navigate for pedestrians.



Attachment E. Public Information Survey



Joint Compatibility Transportation Plan

Survey Report
May 2021



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Introduction



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Study Overview

Purpose and Approach

Purpose

- The City of Bremerton is experiencing significant change as more people discover all this vibrant maritime community has to offer. The City and Naval Base Kitsap-Bremerton are developing the Joint Compatibility Transportation Plan to define solutions to improve mobility, outline parking strategies, and help create a vibrant community that invites people to live, work, and play.
- The City of Bremerton hired a Parametrix led consultant team including PRR. PRR is an independent research firm, to conduct a public opinion survey to learn more about where and people are traveling within the City.
- This report summarizes key survey findings. The City will use the survey results to inform potential solutions to improve safety and mobility throughout the study area.

Approach

- The survey was conducted from February 3 to 28, 2021. A total 557 people completed the survey, with +/- 4% margin of error.
- Survey topics included trip origins and destinations, trip frequency, trip purposes, mode choice, impact of COVID-19 on travel behavior, issues that would influence travel mode after COVID-19, ideas on ways to improve travel in Bremerton, and standard respondent demographics.
- The City promoted the survey to Bremerton residents through the following channels (See Appendix B for recruitment materials examples):
 - The City's Joint Compatibility Transportation Plan website
 - Billboard announcement
 - City of Bremerton Social media
 - Email
 - Partnership with NBK-BR and NBK-SR (electronic updates and flyers)
 - Open house
 - The survey link was also shared to several community-based Facebook groups including: NBK-BR, Secret Bremerton, Manette Group, Downtown Business Association, Union Hill Neighborhood,
- Survey respondents represented a range of genders, ages, incomes, races, ethnicities, and locations in the Bremerton area. See Appendix C (p. 40-41) for a demographic profile of survey respondents.

Methods

In-depth analysis

- Correlation analysis was used to see if there were associations between demographic characteristics of respondents (age, gender, income, etc.), their travel behavior (i.e., mode choice, travel frequency, change in work commute since the statewide stay-at-home order), and their perceptions on post-COVID travel improvements (e.g., most important projects to improve travel in Bremerton).
- To achieve the cut-off for statistical significance, estimates must have a 0.05 significance level (a 95 percent confidence level) and a correlation coefficient above 0.15 or below -0.15. This indicates a relatively strong relationship between two variables.
- Only statistically significant relationships are discussed throughout the report. When something is statistically significant, it means it is highly unlikely to be the result of random chance.

This report summarizes survey results using charts. The totals in some charts may add up to somewhat more or less than 100% due to rounding or where respondents could select multiple responses. In addition, the total number of respondents varies from chart to chart based on how many people answered the question.

Key Findings

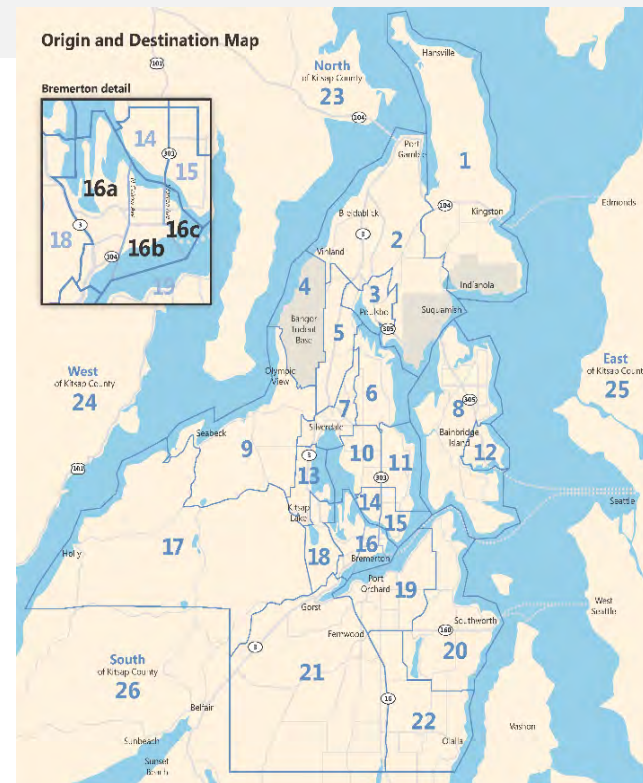
Travel patterns

Before the March 2020 stay-at-home order

- Most respondents (85%) traveled for work, but many also traveled for non-commute trips, such as food or drink (50%), errands (46%), and social or recreational activities (41%).
- Most respondents (88%) traveled to or in Bremerton; typically during peak hours (87% between 5 and 9 am; 90% between 2 and 7 pm).
 - Respondents began their work commute trips in places around the Kitsap Peninsula (top origins: districts 19 at 11% and 26 at 10% of respondents), whereas most (81%) had work-commute destinations in one place: district 16 (60% in district 16b).
- A majority (64%) drove alone. Few used transit, such as bus (8%) or ferry (7-8%), or other alternatives to single-occupancy vehicles such as walking (5% from home to workplace, 11% as part of commute), carpooling (10%), worker/driver bus program (10%), or biking (7%).

After the March 2020 stay-at-home order

- Almost half (47%) of respondents said their work commute changed since March 2020, and mostly (72%) because they now worked more from home.
- Mode choices have changed too, shifting towards more driving alone (26%) or less public transit use (18%).



Key Findings

Encouraging mode shift

Encouraging people to use alternatives to driving alone comes down to convenience.

Transit Use (top barriers and motivators)

Barriers:

- Riding the bus is inconvenient or takes too long (52%)
- I like the convenience of having my car (47%)
- I have to make stops on my way to/from work (36%)

Motivators:

- More frequent service (25%)
- Extended operation time (20%)
- Express service (18%)
- Direct service (18%)

Alternative options (top motivators or improvements)

Vanpool:

- Free (17%) or reserved (17%) parking for vanpoolers
- Free ride home for emergencies (17%)
- Help establishing a vanpool (15%)

Carpool:

- Free (34%), reserved (33%), or reduced-fee (17%) parking for carpoolers
- Free ride home for emergencies (20%)
- Help establishing a carpool (19%)

Biking:

- Protected (36%), new (29%), or improved (22%) bike lanes

Worker/driver bus program

- Increased shift flexibility (33%)
- Extended transit operation time (29%)

Key Findings

Recommended improvements and communications

Top improvements

Most important projects to improve travel in Bremerton:

- Roadway capacity (53%)
- Shipyard access (43%)
- Roadway efficiency (29%)
- Active travel (34%)

Communications preferences

- Many (37%) respondents wanted to receive updates about Bremerton's transportation plan.
- Top ways to send updates:
 - Email (71%)
 - Facebook (41%)
 - The project website (32%)

How to read this report

Correlation results: indicates whether there's a relationship between specific survey responses and respondent's characteristics. For example, respondents who have selected "increased shift flexibility" tend to be younger and travel to/in Bremerton to work.

Note: We are only calling out findings that are statistically significant.

Descriptive title, main takeaway

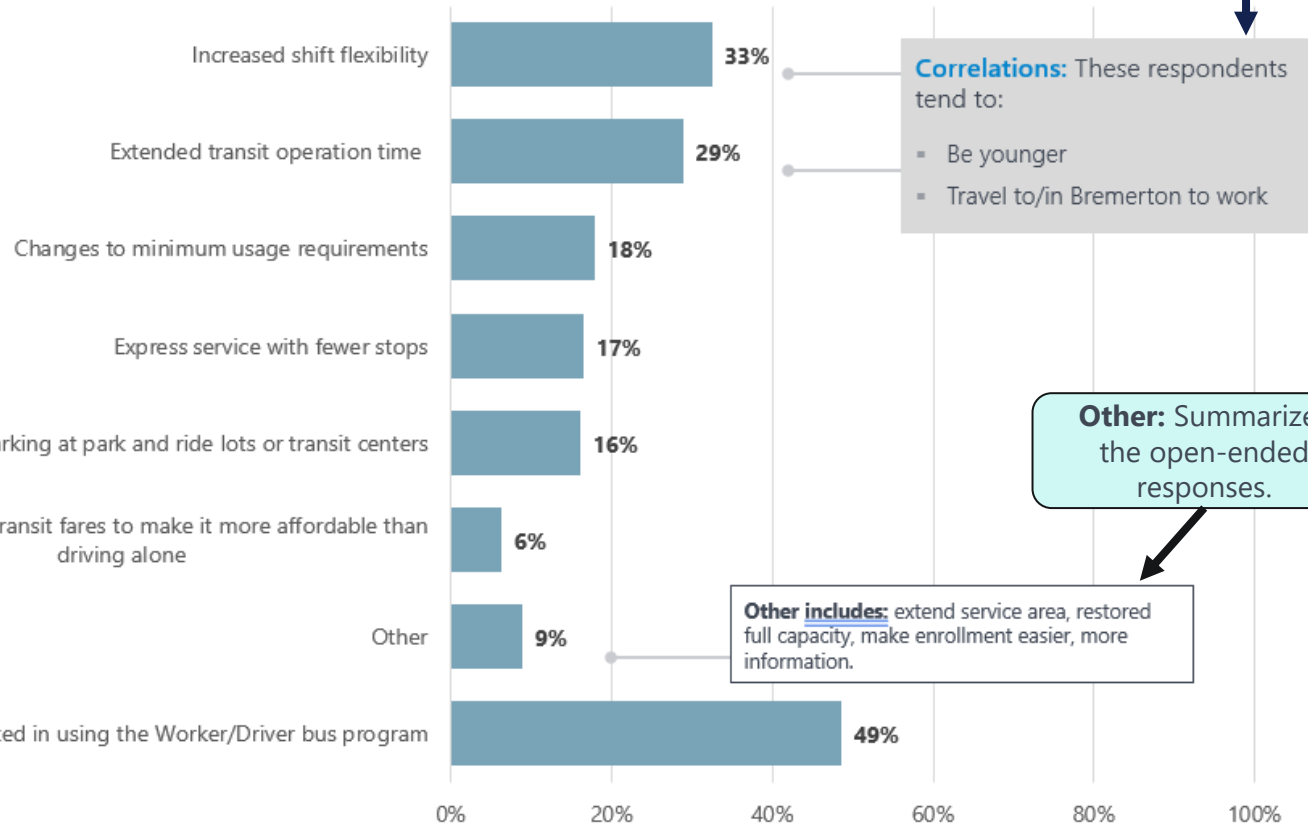
Increased shift flexibility and extended operating hours would improve the worker/driver bus program

Survey question

What are the top 3 things that would improve the Worker/Driver bus program for trips to the shipyard when things return to normal after COVID?

Base: people who saw the question

Base: all respondents (n = 492). Multiple responses allowed. Percentages sum to more than 100%.



Items & Results: Some questions have multiple parts; this one asks about things that would improve the Worker/Drive bus program.

Other: Summarizes the open-ended responses.

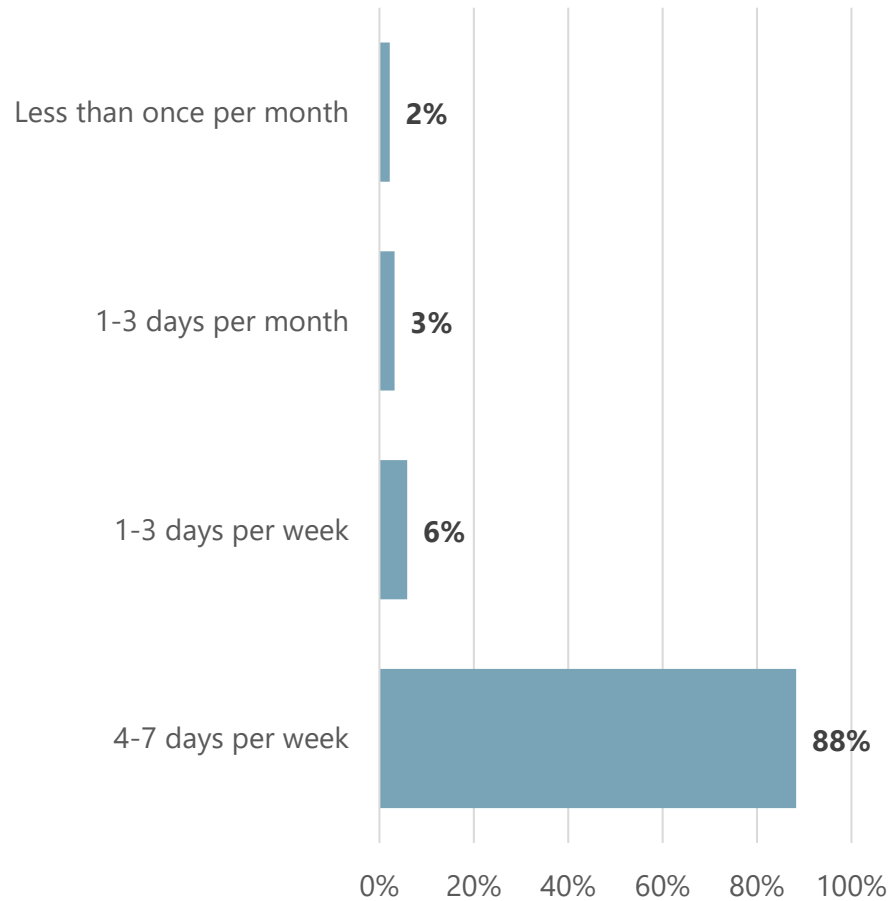
Detailed Findings: Pre-COVID Travel Behavior

Most respondents (85%) travelled to or in Bremerton 4-7 days per week before COVID restrictions, and most traveled for work.

Before the stay-at-home order in March 2020...

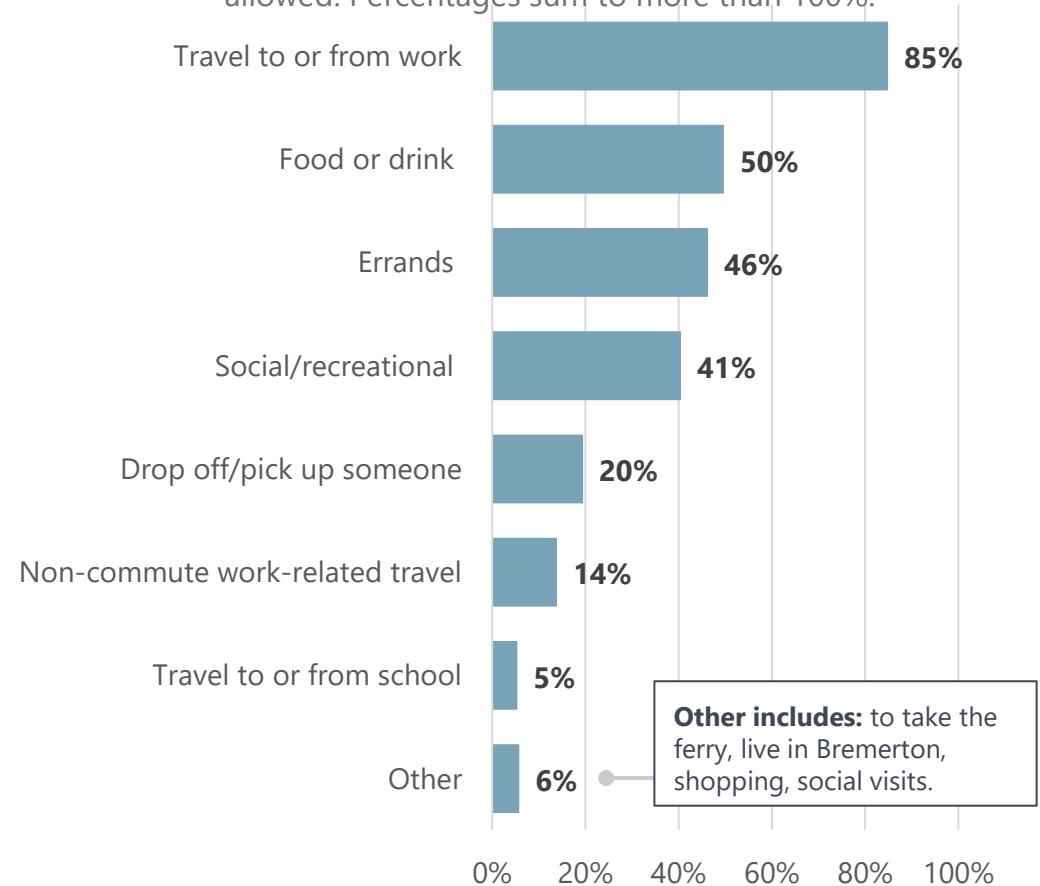
how often did you usually travel to or in Bremerton?

Base: all respondents (n = 555).



what was the purpose of your trips to or in Bremerton on weekdays? Please select all that apply.

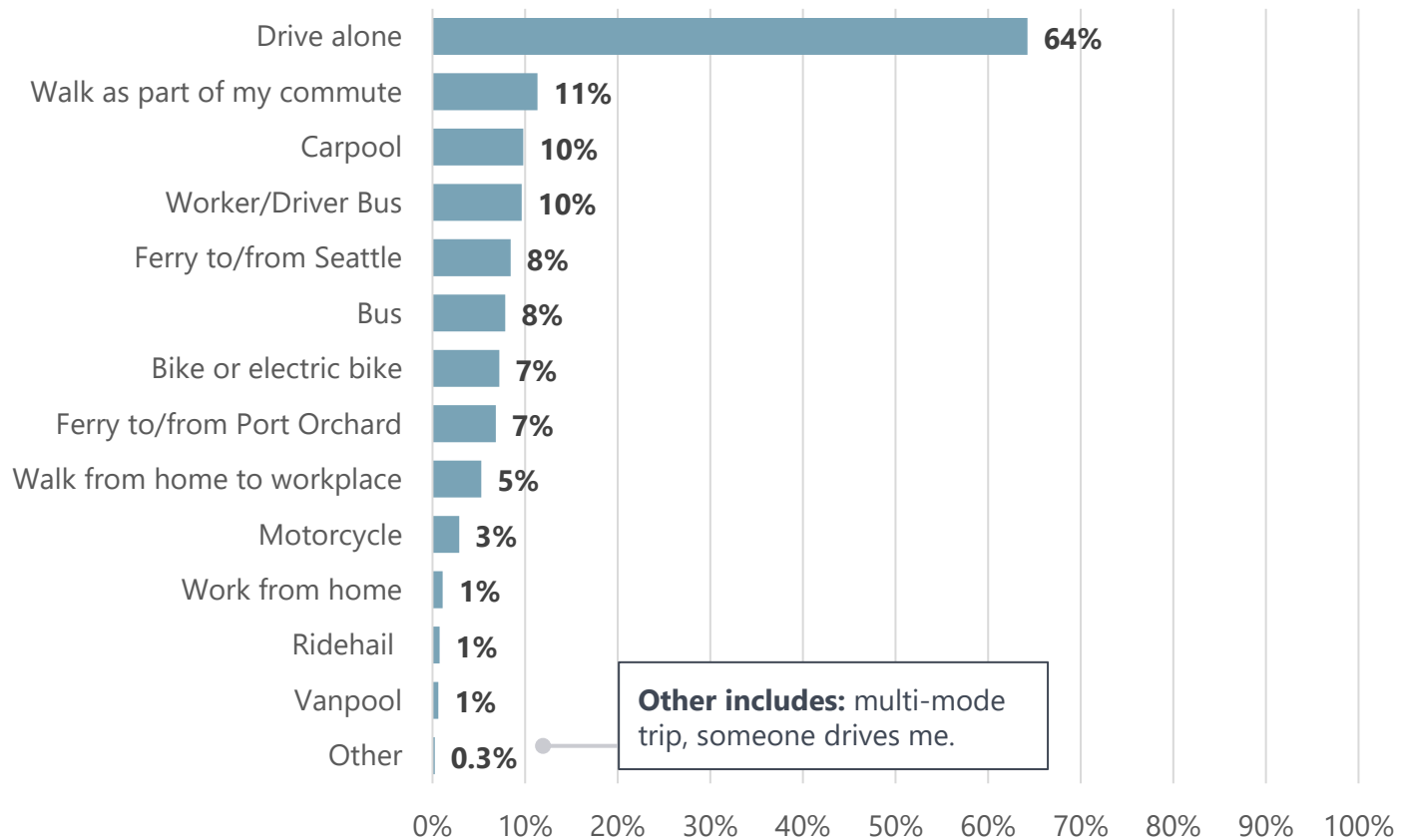
Base: all respondents (n = 555). Multiple responses allowed. Percentages sum to more than 100%.



A majority of respondents (64%) drove alone for weekday trips to or in Bremerton before the pandemic.

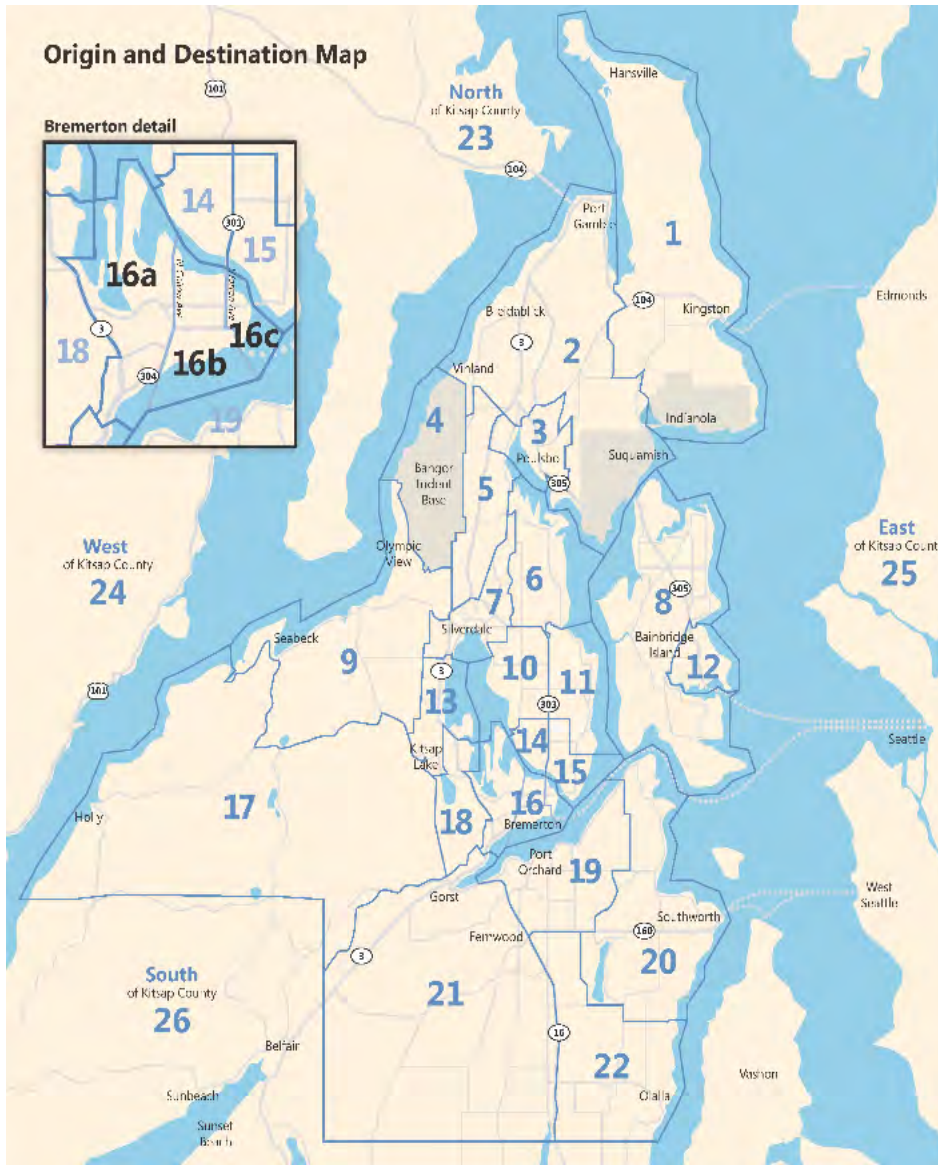
Please indicate the ways you typically commuted to work before COVID during weekdays? Please select all that apply.

Base: all respondents (n = 471). Multiple responses allowed. Percentages sum to more than 100%.



Note: The chart above averages across all weekdays. There are no substantive differences across weekdays.

Most respondents commuted to district 16. Two-thirds began their commute less than 10 miles from district 16.



Top work-commute origins:

Base: all respondents (n = 444). All other districts selected by less than 5% of respondents.

- District 19 (11%)
- District 26 (10%)
- Districts 15, 16a, 16b 21 (8%)
- District 10 (7%)
- District 20 (6%)

Top work-commute destinations:

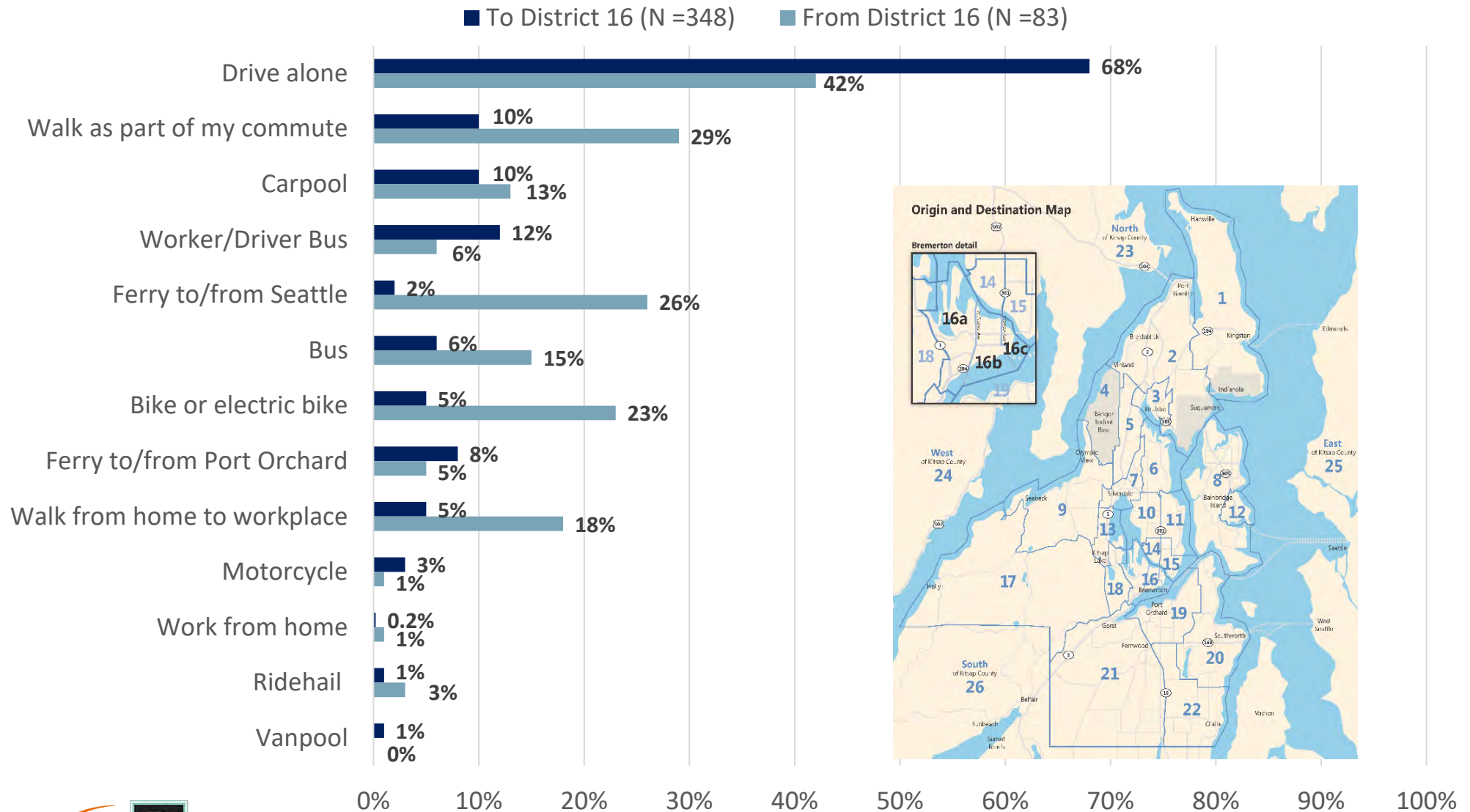
Base: all respondents (n = 429). All other districts selected by less than 5% of respondents.

- District 16b (60%)
- District 16a (11%)
- District 16c (10%)
- District 25 East of Kitsap County (7%)

Travel mode for work commute trip to/from district 16

- Respondents who work at district 16 were more likely to drive or take worker-driver bus for their commute trips
- Respondents who live in district 16 were more likely to walk, bike, and take ferry for their commute trips.

Travel mode: Respondents who travel to vs. from district 16



Work commute trip origins to district 16

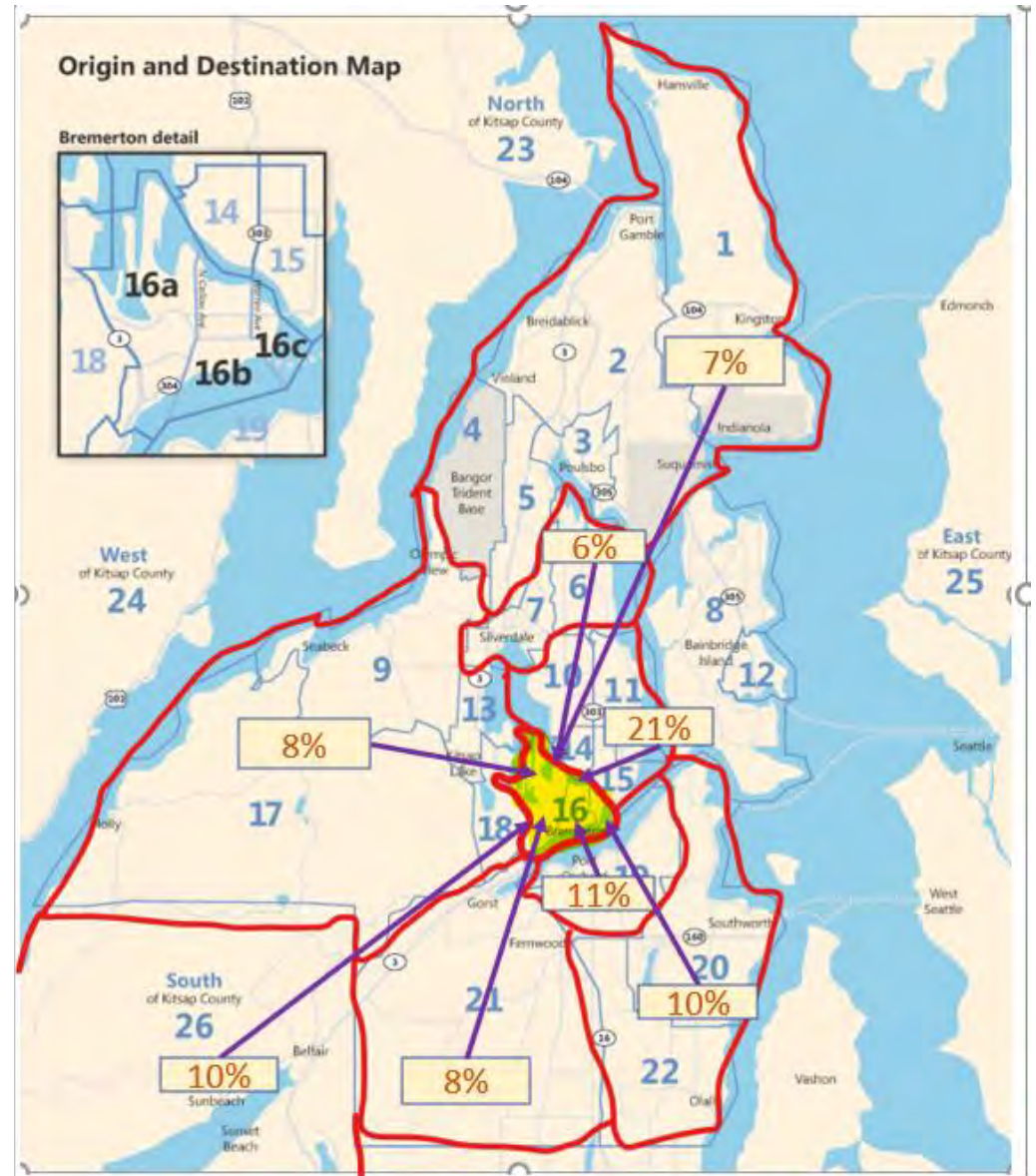
The image to the right shows traffic flow from larger Freight Analysis Zones (FAZs, the red boundary) to district 16.

Most (81%) of respondents reported they worked in district 16. For respondents who work in district 16:

- 39% travel from south of district 16 (districts 19-22, and 26).
- 21% travel from northeast of district 16 (districts 10, 11, 14, and 15).
- 13% travel from north of district 16 (districts 1-7).
- 10% travel from South of Kitsap County.
- 8% travel from west of district 16 (districts 9, 13, 17, and 18).

Traffic flow from larger FAZs to district 16.

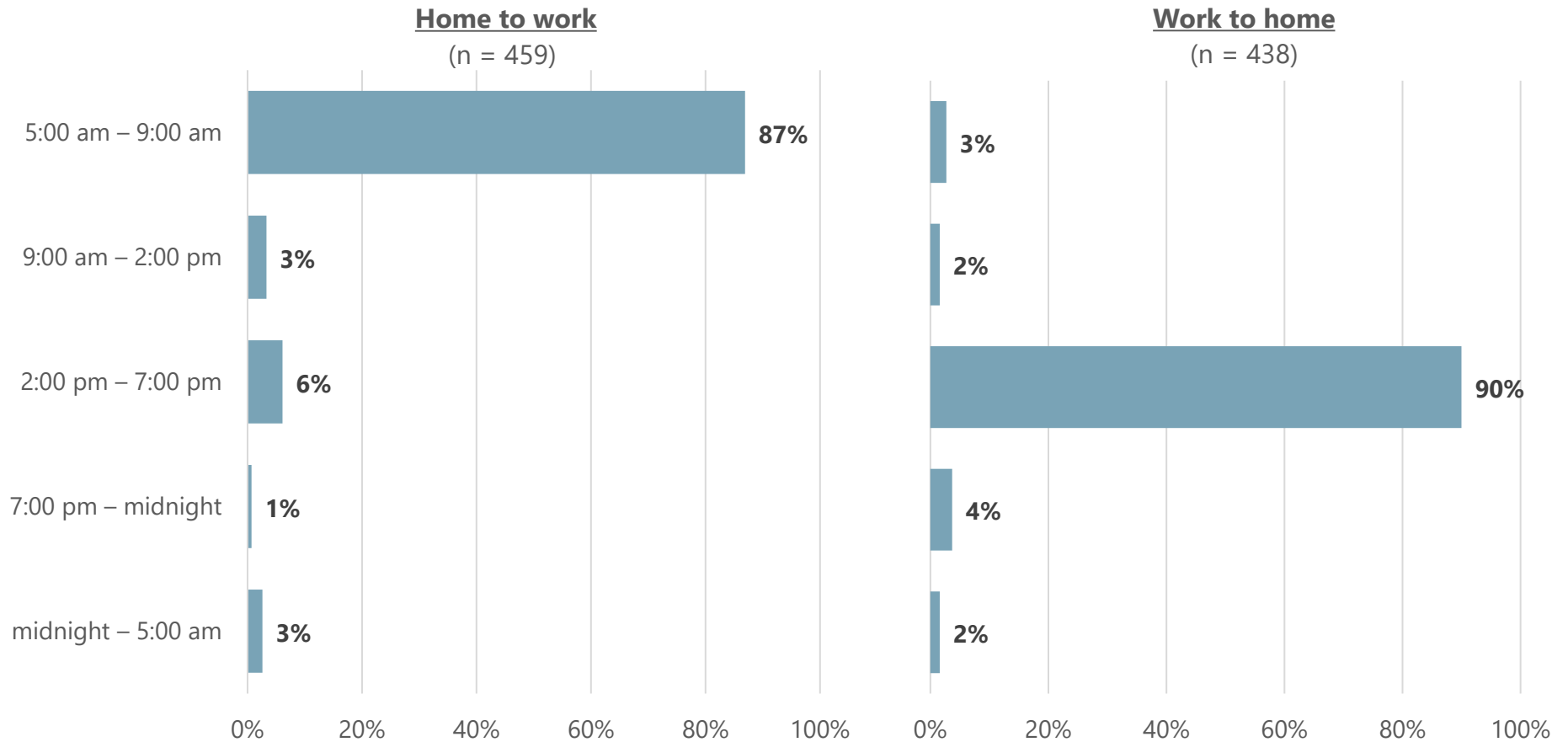
Base: Respondents who work in district 16 (n = 348).



Most of respondents (87%) traveled between home and work during peak commute hours.

Before COVID, thinking about the weekday work commute trips you made what time of day did you usually go from:

Base: all respondents who travel to/in Bremerton for work.

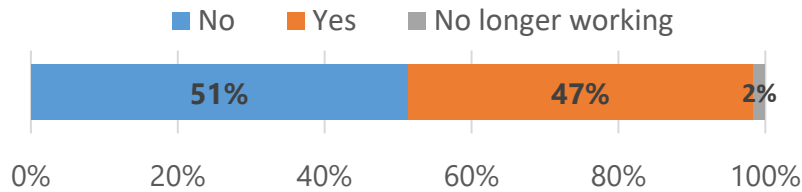


Detailed Findings: During-COVID Travel Behavior

Respondents reported working from home and driving alone more since the pandemic, and using transit less.

Has your work commute changed since March 2020 and the statewide stay-at-home order?

Base: all respondents who travel to or from work in Bremerton (n = 433).



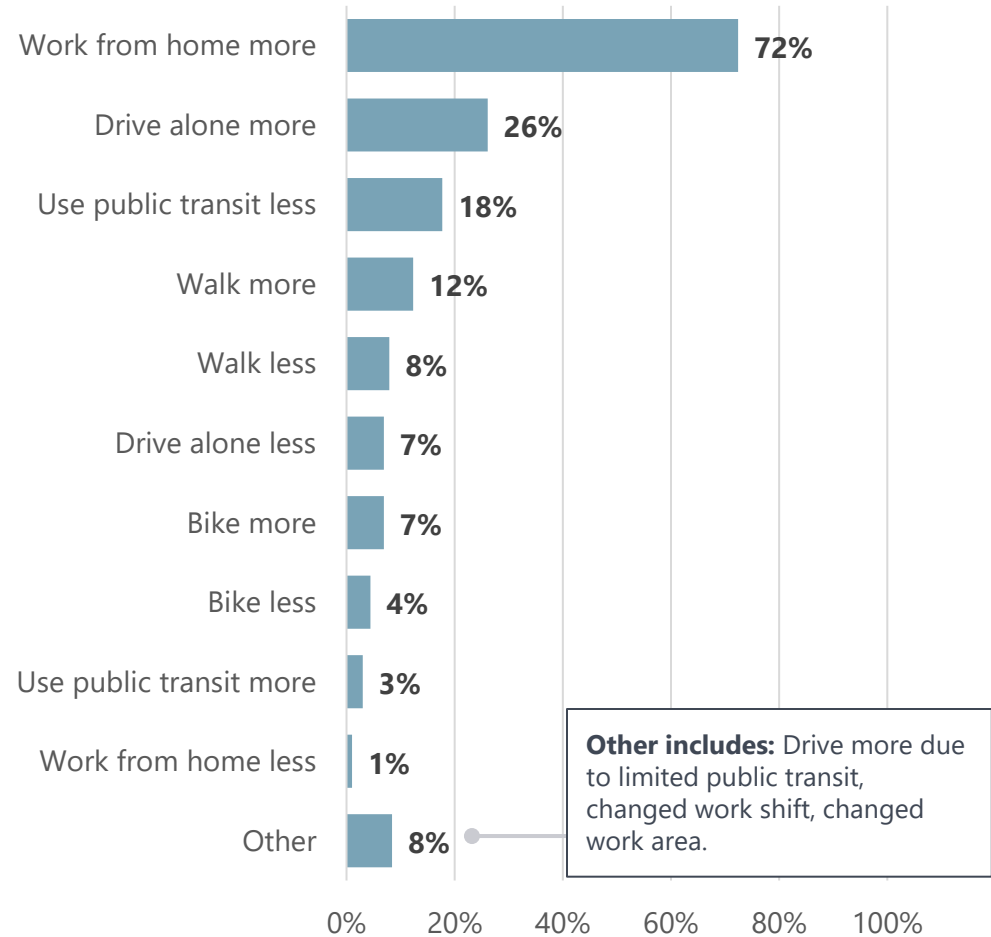
Correlations

Respondents who have experienced a change in their work commute since COVID tend to:

- Have higher incomes
- Travel to/in Bremerton to run errands

How has your work commute changed?

Base: all respondents who travel to or from work in Bremerton and whose work commute changed since March 2020 (n = 203). Multiple responses allowed. Percentages add may sum to more than 100%.



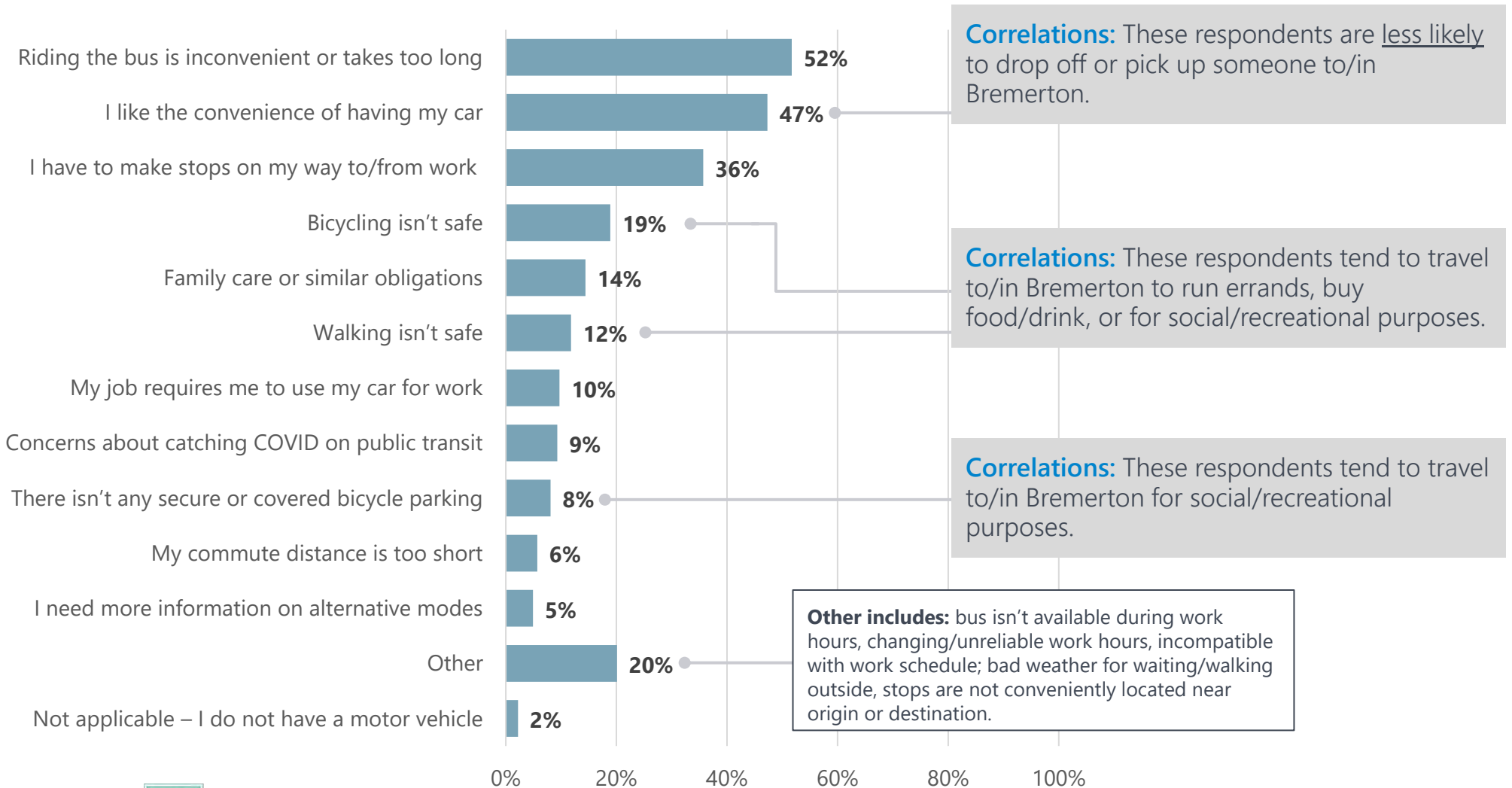
Other includes: Drive more due to limited public transit, changed work shift, changed work area.

Detailed Findings: Post-COVID Travel Improvements

Convenience is a top reason respondents chose to drive alone.

After COVID, what would be the three top reasons you would drive alone instead of using an alternative travel mode for your trips to or in Bremerton?

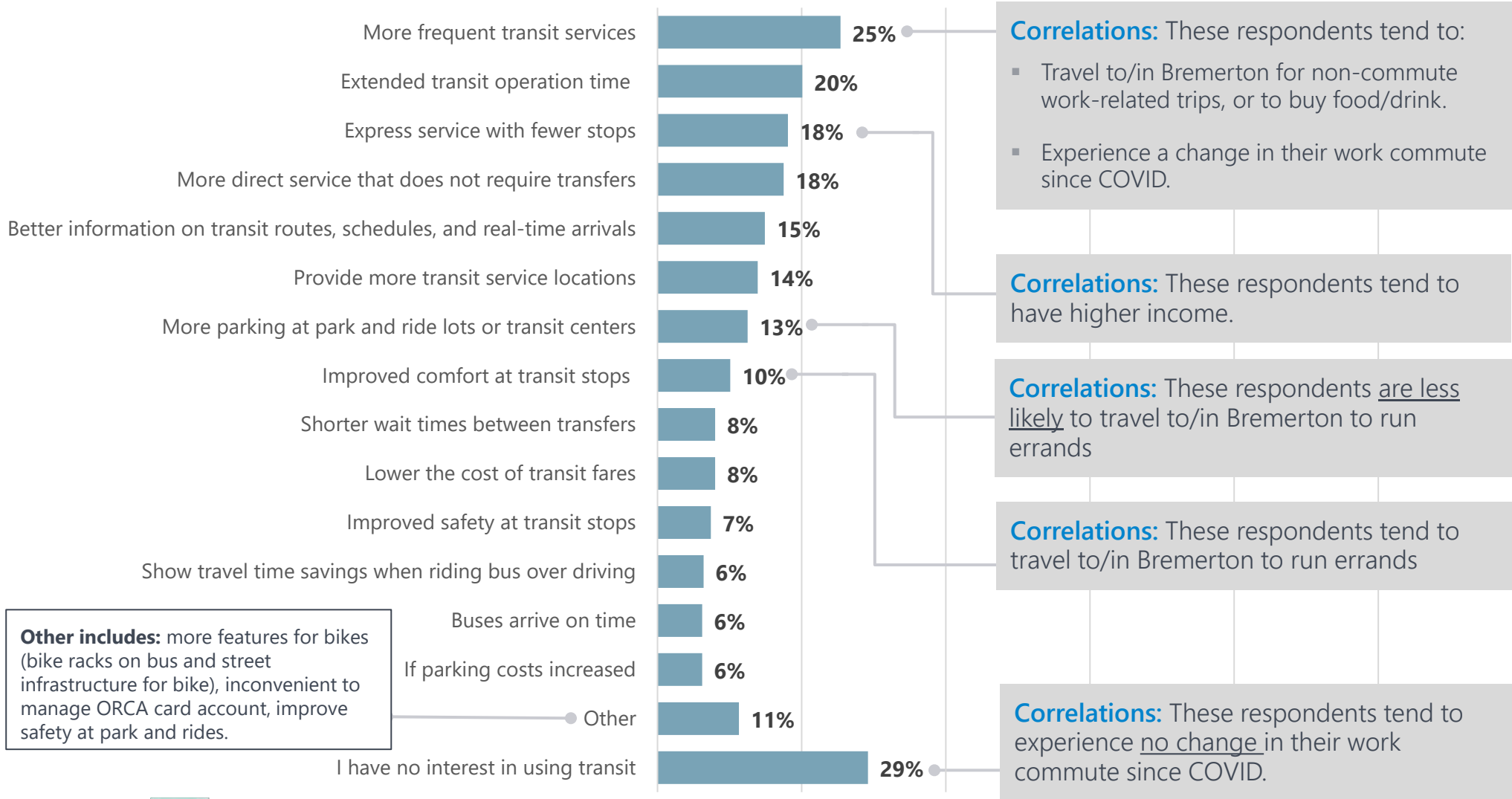
Base: all respondents (n = 507). Multiple responses allowed. Percentages sum to more than 100%.



More convenient service (faster trips, longer operating hours) would motivate respondents to use transit more often.

What are the top three features that would motivate you to use (or use more often) public transit for trips to or in Bremerton after COVID?

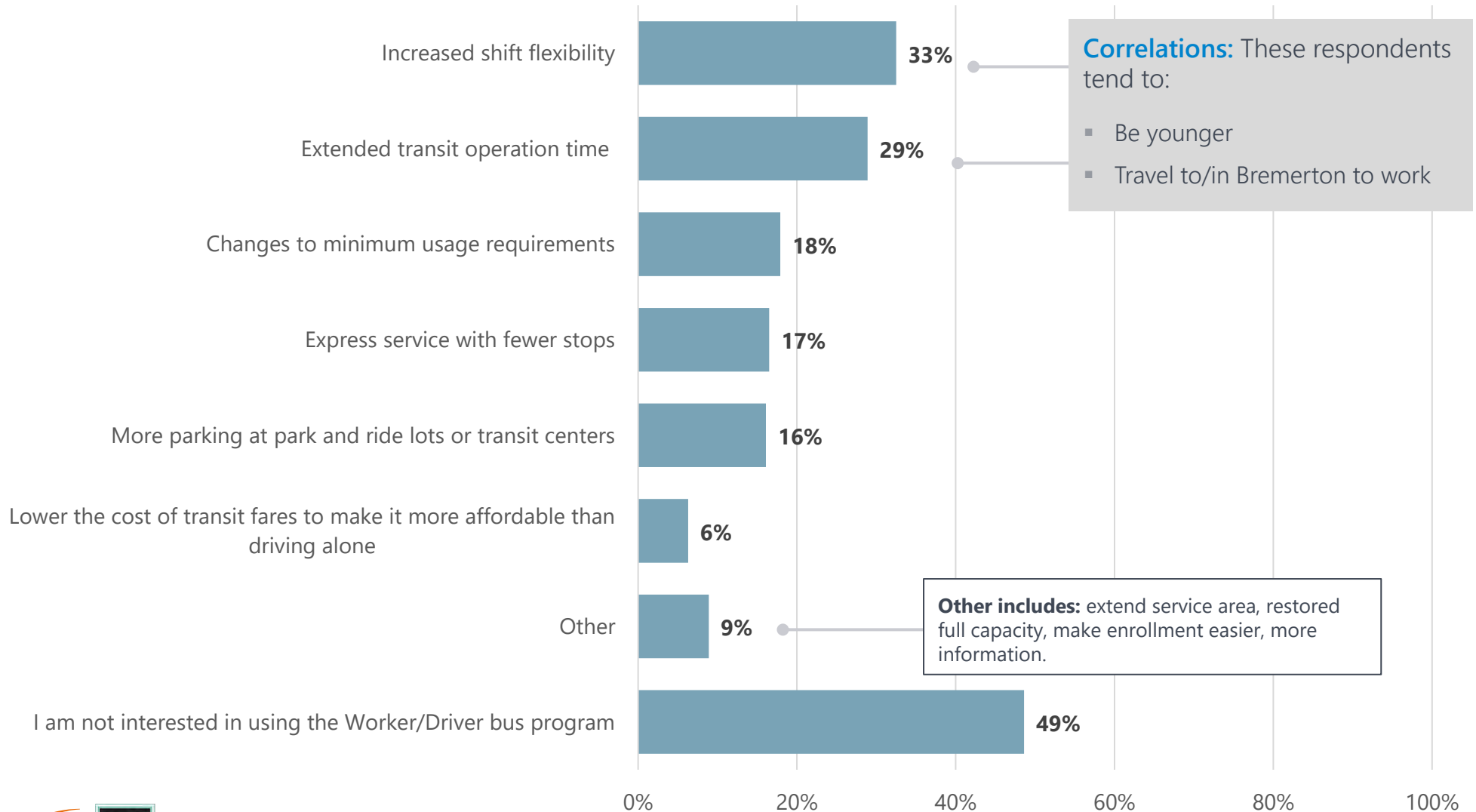
Base: all respondents (n = 497). Multiple responses allowed. Percentages sum to more than 100%.



Increased shift flexibility and extended operating hours would improve the worker/driver bus program

What are the top 3 things that would improve the Worker/Driver bus program for trips to the shipyard when things return to normal after COVID?

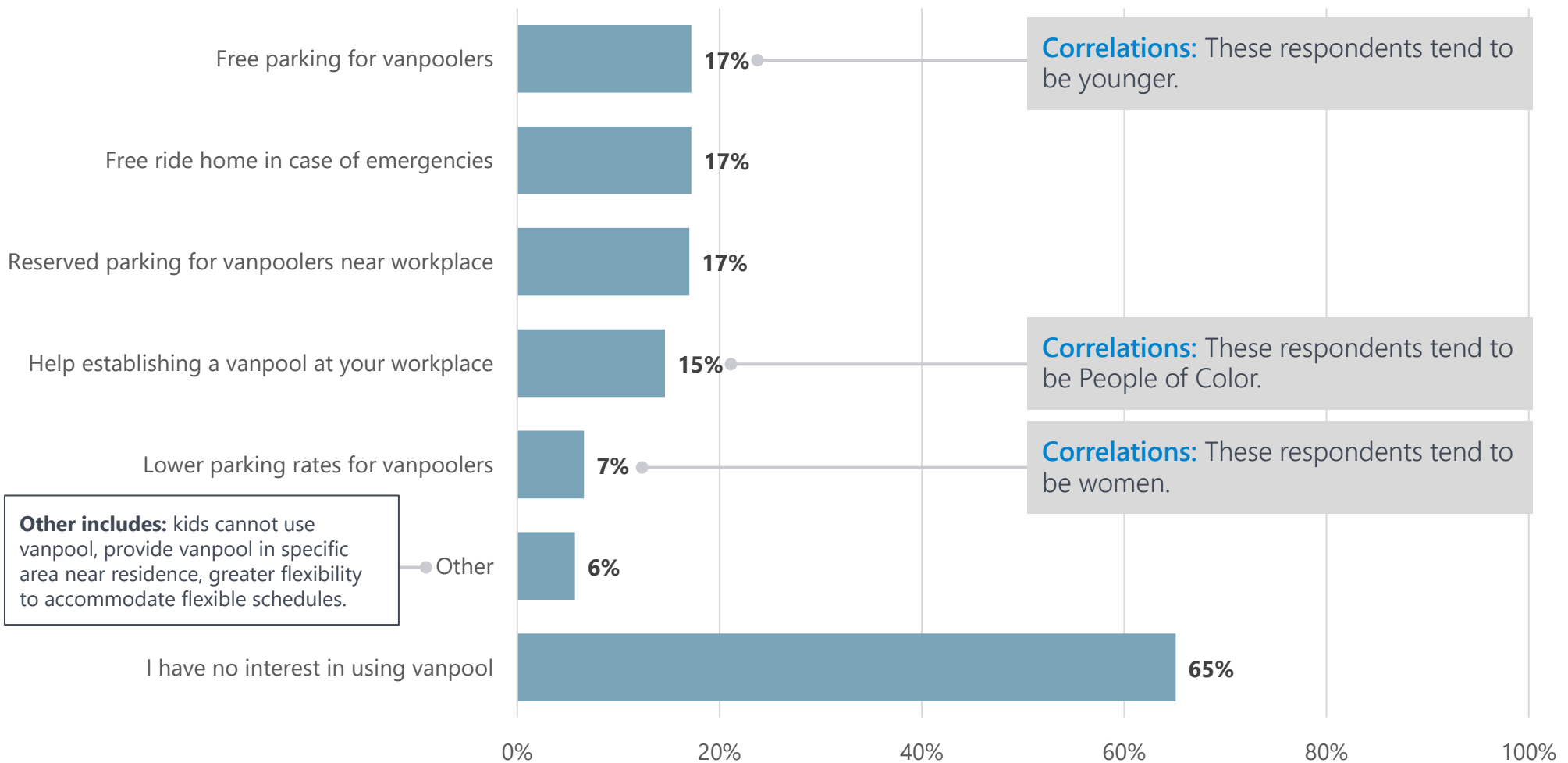
Base: all respondents (n = 492). Multiple responses allowed. Percentages sum to more than 100%.



Free services (parking, ride home) and reserved parking near workplace would motivate respondents to use vanpool more often.

What are the top 3 things that would motivate you to use a vanpool (or vanpool more often) for your trips to or in Bremerton when things return to normal after COVID?

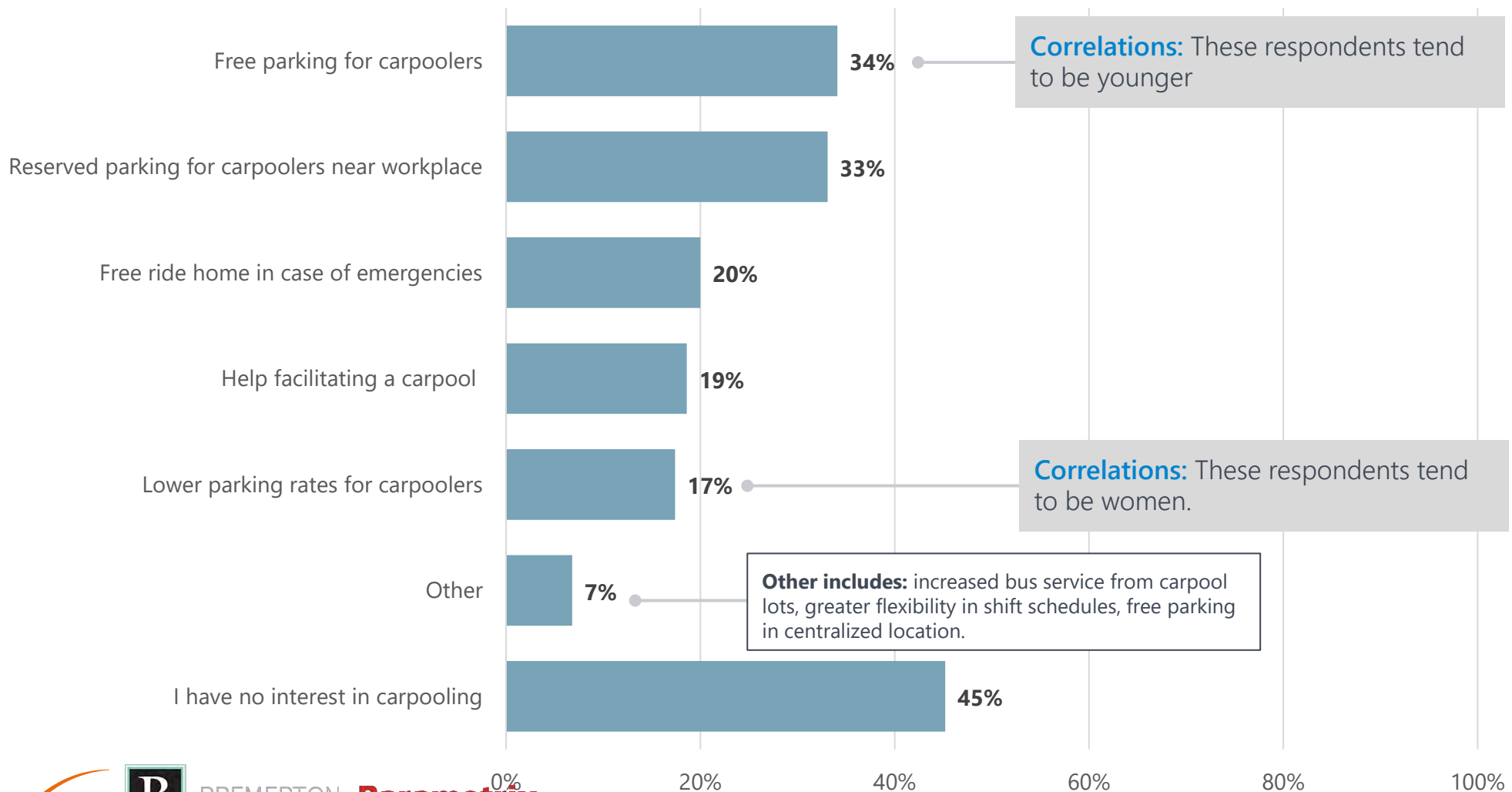
Base: all respondents (n = 487). Multiple responses allowed. Percentages sum to more than 100%.



Free or reserved parking and reserved parking near workplace would motivate respondents to carpool more often.

What are the top 3 things that would motivate you to carpool (or carpool more often) for your trips to or in Bremerton when things return to normal after COVID?

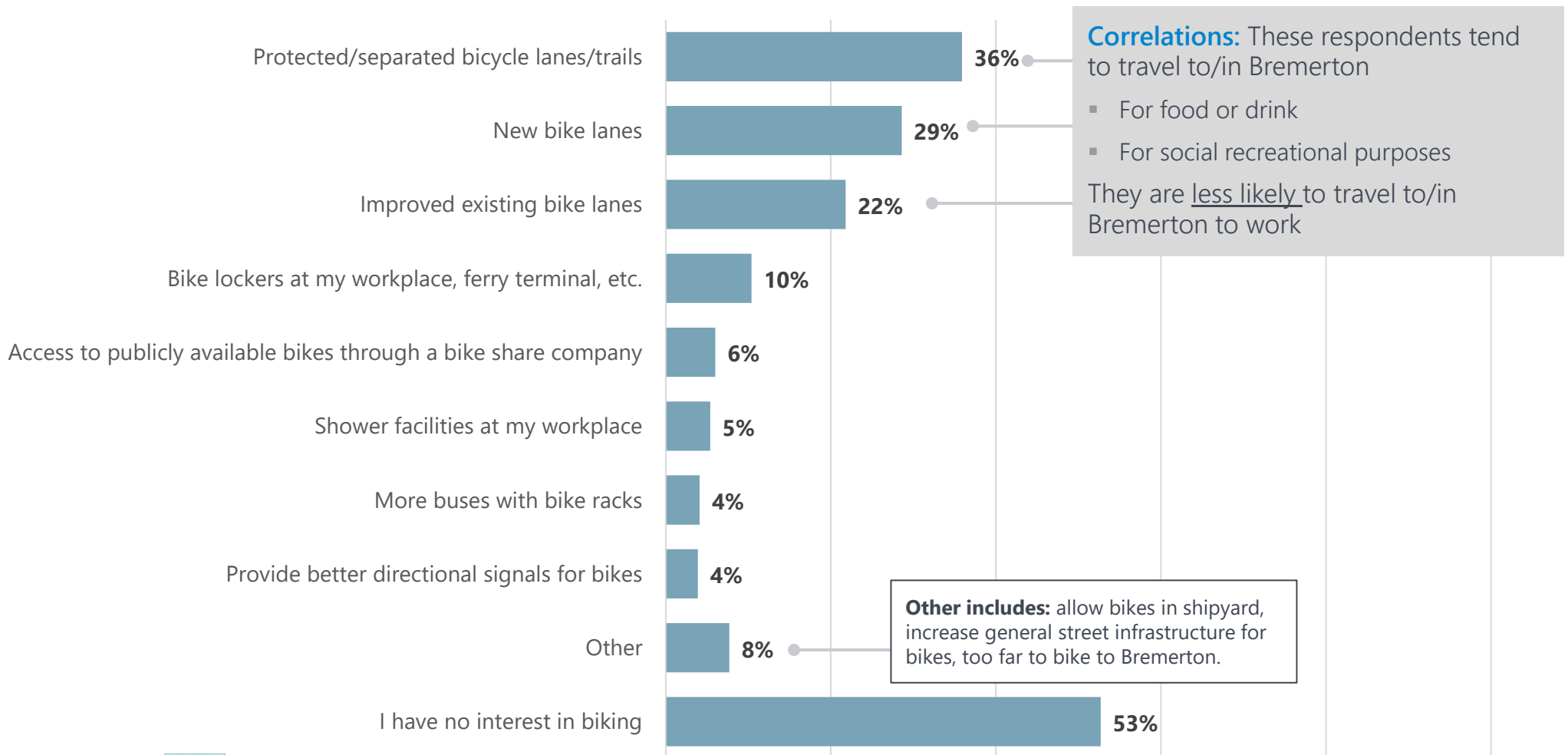
Base: all respondents (n = 484). Multiple responses allowed. Percentages sum to more than 100%.



About one-third of respondents thought having “protected or separated bike lanes” would motivate them to bike.

What are the top 3 things that would motivate you to bike (or bike more often) for your trips to or in Bremerton when things return to normal after COVID?

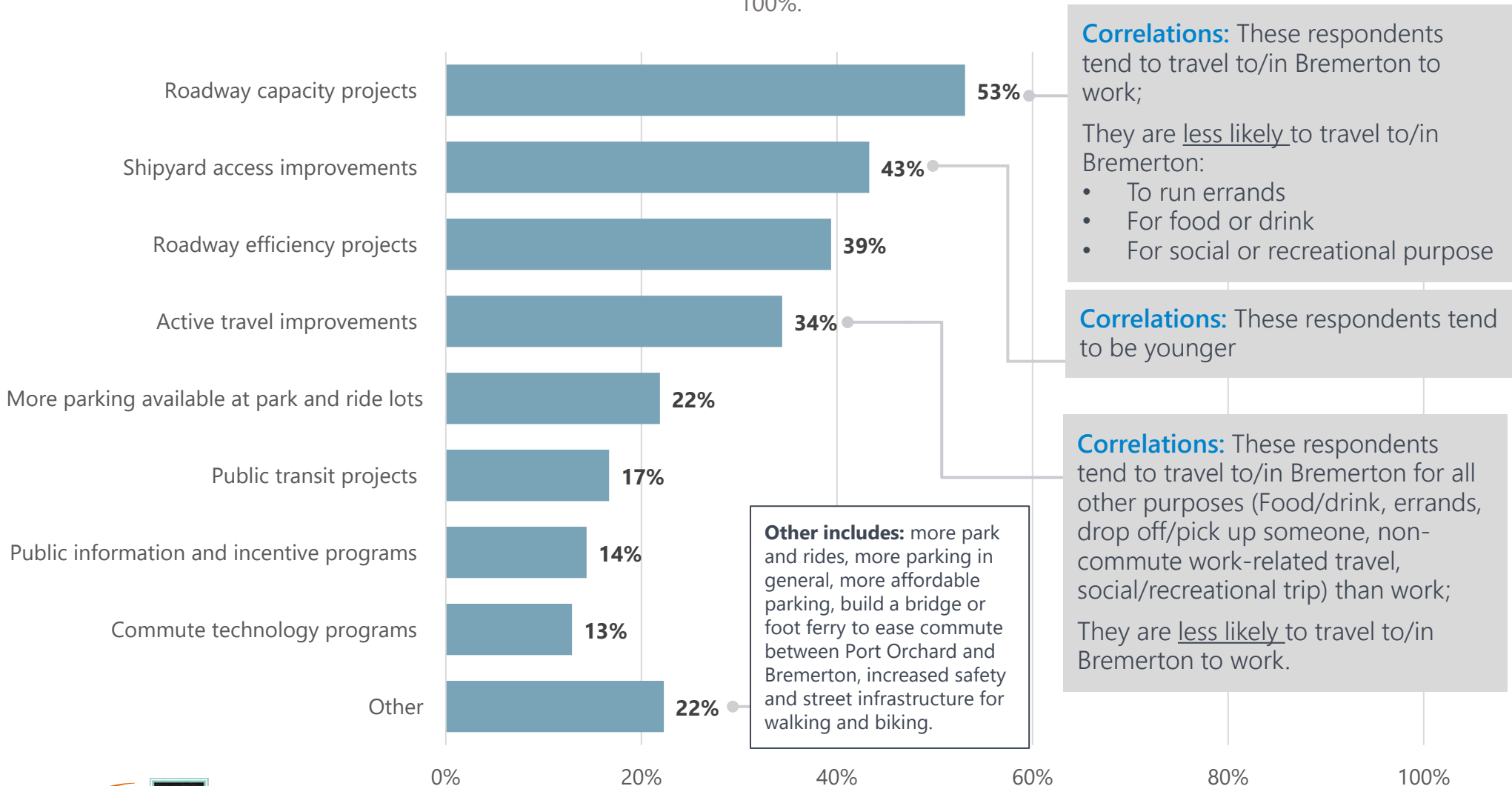
Base: all respondents (n = 482). Multiple responses allowed. Percentages sum to more than 100%.



Respondents said roadway and shipyard access improvements were among the most important projects to improve travel in Bremerton.

In your opinion, what are the three most important projects to improve travel in Bremerton?

Base: all respondents (n = 480). Multiple responses allowed. Percentages sum to more than 100%.



Respondents suggested investments in parking, traffic flow, and non-drive alone travel modes would improve travel in Bremerton.

Parking

- Increase the number of multi-level parking structures (not single-level lots)
- Increase parking for shipyard employees specifically
- Lower/remove fees for employees
- Provide safe parking options
- De-monopolize Diamond parking

Traffic flow

- Widen or add road through Gorst
- Build bridge to Port Orchard
- Reduce number of traffic lights and/or better time lights
- Improve traffic flow outside shipyard

The original question read "Did we miss anything? are there any other ideas you have for improving travel in Bremerton when things return to normal after covid?"

Non-drive alone travel modes

- Build more infrastructure for walking and biking
 - More protected bike lanes and storage
 - Safety for pedestrians (streetlights, intersection crossings, improve/add sidewalks, Infrastructure to support slower speeds in residential areas)
 - Improve pedestrian infrastructure to Shipyard
- More reliable bus system
 - Tracking system (like Onebusaway)
 - Expanded area for bus service (both origin and destination)
 - Address confusing and changing bus routes
- Incentive system for using alternative transportation modes (ex: by-passing traffic lights, bus only lanes)
- Improve ferry system (increase capacity, more reliable schedule, increase area service)

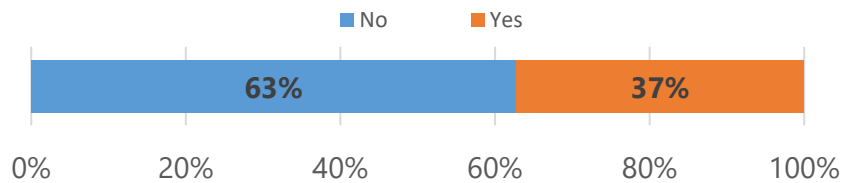
Shipyard Policies

- Encourage employees to telecommute
- Stagger employee shifts to reduce traffic congestion
- Expand service area of shuttle buses (Gorst, Port Orchard, etc.)
- Allow bikes in shipyard

About 40% of respondents wanted to received updates about Bremerton's Transportation Plan (71% via email, 41% via Facebook).

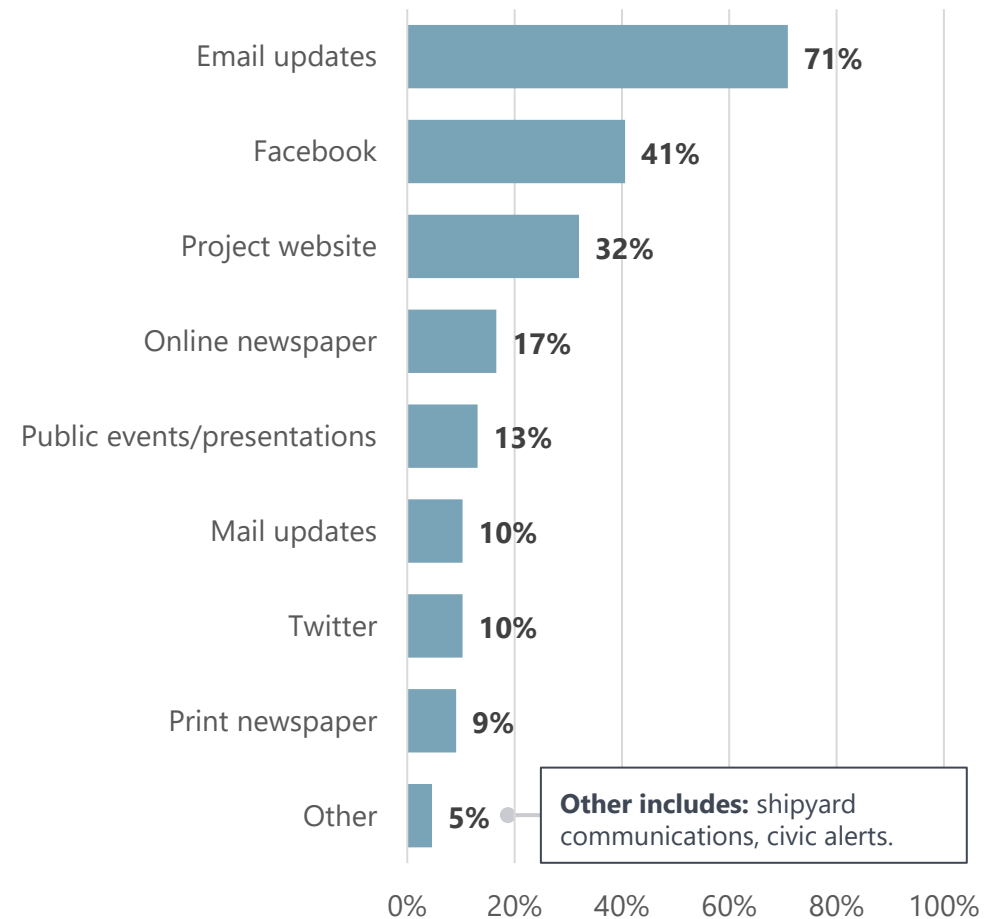
Do you want to receive updates about Bremerton's Transportation Plan?

Base: all respondents (n = 476).



As plans continue to develop, what are the top 3 best ways to keep you updated?

Base: all respondents who want to receive updates about Bremerton's Transportation Plan (n = 175). Multiple responses allowed. Percentages sum to more than 100%.



Appendices



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Appendix A: Survey instrument

BREMERTON TRANSPORTATION PLAN SURVEY


The City of Bremerton is working with Naval Base Kitsap - Bremerton to outline what transportation improvements are needed to maintain base readiness and City livability. By sharing how you get around Bremerton you will make your voice heard and help improve travel for you and others in the Bremerton area. What we hear from you will help inform our transportation plan which aims to:

- Improve travel in the Bremerton area
- Maintain Naval Base Kitsap accessibility and mobility
- Support economic vitality in the City of Bremerton

The survey takes about 10 minutes to complete. Your responses are anonymous and confidential.

The last day to complete the survey is February 28, 2021.

Tips for taking the survey:

- Use the "Back" icon  at the bottom of each page to return to a previous page.
- If you are using a smartphone or tablet, please scroll all the way to the bottom to complete the full survey.
- Do not exit the survey until you are done.

If you have any technical difficulties with the survey, please contact research@prrbiz.com

Thank you for participating!



COVID-19 has changed so much about how we move around. For the next few questions, please think about how you got around **before the pandemic**.

Before the stay-at-home order in March 2020, how often did you usually travel to or in Bremerton?

- Less than once per month
- 1-3 days per month
- 1-3 days per week
- 4-7 days per week
- I have not traveled to or in Bremerton in the past year
- I have never traveled to or in Bremerton

Before COVID, what was the purpose of your trips to or in Bremerton during weekdays? Please select all that apply.

- Errands (bank, post office, medical visit, etc.)
- Drop off/pick up someone
- Travel to or from school
- Non-commute work-related travel
- Food or drink (restaurant, take-out, bar, etc.)
- Travel to or from work
- Social/recreational (park, friends or family, exercise, volunteer, religious activity, etc.)
- Other (please tell us more):

Appendix A: Survey instrument, continued

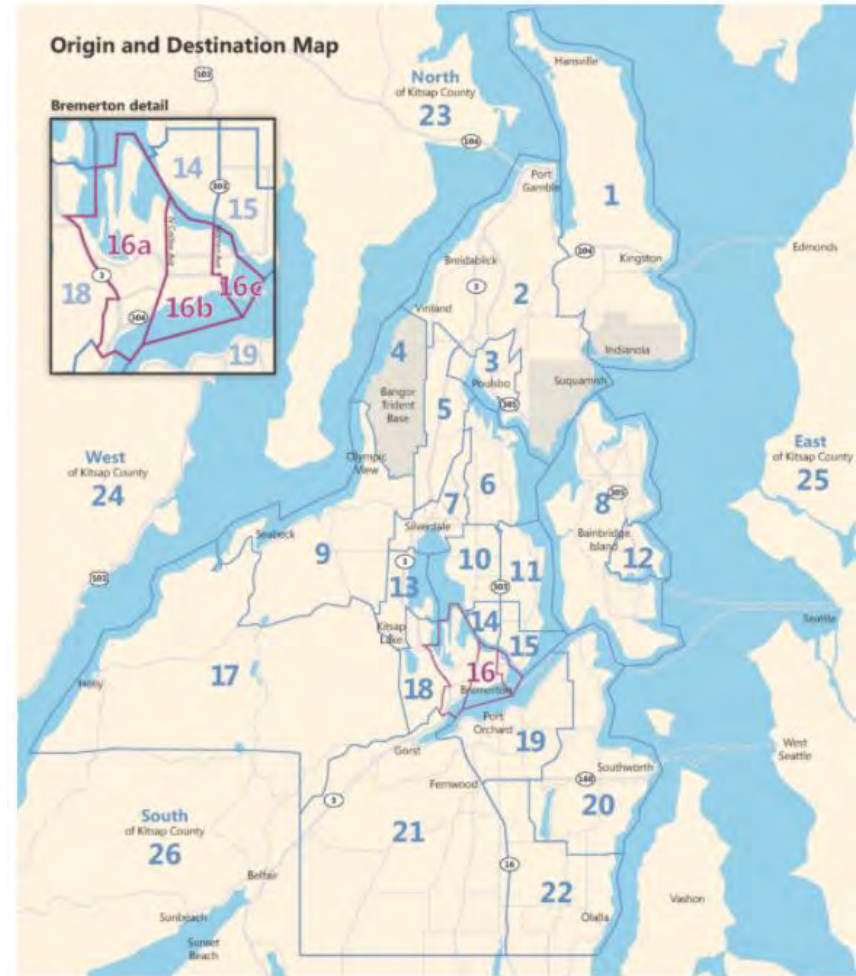
Please indicate the ways you **typically** commuted to work each weekday **before COVID**. For each travel method that you typically used, indicate which days you used that method. For example, you might drive to a Park and Ride lot and then take the bus.

	Monday	Tuesday	Wednesday	Thursday	Friday
Drive alone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Carpool	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Worker/Driver Bus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Motorcycle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vanpool	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ferry to/from Seattle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ferry to/from Port Orchard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ridehail (Uber, Lyft, Taxi, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bike or electric bike	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walk from home to workplace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walk as part of my commute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work from home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (please specify):	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Before COVID, thinking about the weekday work commute trips you made, what time of day did you usually go from home to your work destination?

- 5:00 am – 9:00 am
- 9:00 am – 2:00 pm
- 2:00 pm – 7:00 pm
- 7:00 pm – midnight
- midnight – 5:00 am

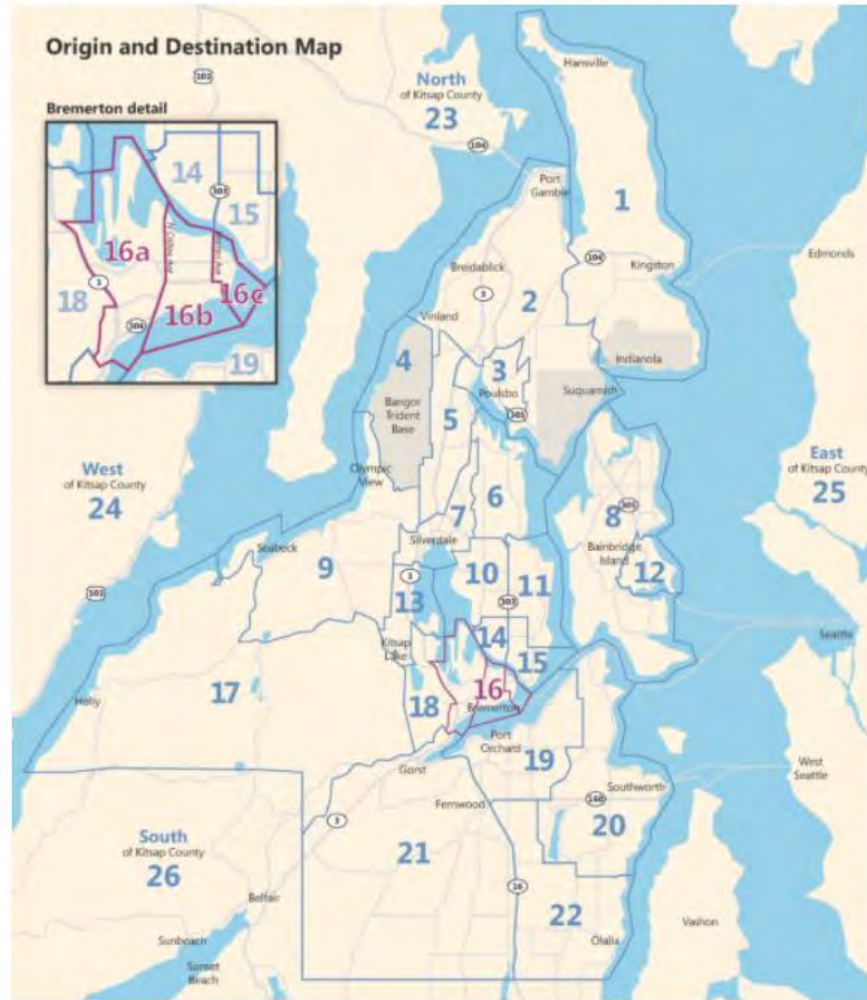
Using the map below, please indicate the district number where you usually **started** your work commute trip.



What town/city?

Appendix A: Survey instrument, continued

Using that same map, please indicate the district number where your work is located.



What town/city?

Appendix A: Survey instrument, continued

Before COVID, thinking about the weekday work commute trips you made, what time of day did you usually leave your work location?

5:00 am – 9:00 am

9:00 am – 2:00 pm

2:00 pm – 7:00 pm

7:00 pm – midnight

midnight –5:00 am

Now, we would like to learn more about **how COVID has changed your work commute travel behavior**. For these questions, please think about your work commute trips to or in Bremerton **during COVID (since March 2020 and the Washington State stay-at-home order)**.

Has your work commute changed since March 2020 and the statewide stay-at-home order?

No

Yes

No longer working

How has your work commute changed? (select all that apply)

Work from home more

Work from home less

Drive alone more

Drive alone less

Use public transit more

Use public transit less

Bike more

Bike less

Walk more

Walk less

Other (please tell us more):

Do you expect your work commute to return to normal post COVID?

No

Not sure

Yes

Appendix A: Survey instrument, continued

Now, we would like to learn your thoughts on different ways to improve travel to or in Bremerton **after COVID when the vaccine is widely available**.

After COVID, what would be the three top reasons you would drive alone instead of using an alternative travel mode for your trips to or in Bremerton? (Please only select up to 3)

- Concerns about catching COVID on public transit
- I have to make stops on my way to/from work (such as drop children at day care/school, run errands, etc.)
- Bicycling isn't safe
- Family care or similar obligations
- Walking isn't safe
- Riding the bus is inconvenient or takes too long
- My job requires me to use my car for work
- I like the convenience of having my car
- I need more information on alternative modes
- My commute distance is too short
- There isn't any secure or covered bicycle parking
- Other (please tell us more):
- Not applicable – I do not have a motor vehicle

What are the top three features that would motivate you to use (or use more often) public transit for trips to or in Bremerton when things return to normal **after COVID**? (Please only select up to 3)

- Extended transit operation time (e.g., earlier and/or later)
- Lower the cost of transit fares
- More direct service that does not require transfers
- Shorter wait times between transfers
- Better information on transit routes, schedules, and real-time arrivals
- More parking at park and ride lots or transit centers
- Express service with fewer stops
- Improved safety at transit stops
- Provide more transit service locations
- If parking costs increased
- Show travel time savings when riding bus over driving
- More frequent transit services
- Buses arrive on time
- Improved comfort at transit stops (such as shelters and lighting)
- Other (please tell us more):
- I have no interest in using transit

Appendix A: Survey instrument, continued

What are the top 3 things that would improve the Worker/Driver bus program for trips to the shipyard when things return to normal **after COVID**? Worker/Driver buses are a unique Kitsap Transit program, which carry employees to the Puget Sound Naval Shipyard (PSNS).

- Express service with fewer stops
- Increased shift flexibility
- Extended transit operation time (e.g., earlier and/or later)
- More parking at park and ride lots or transit centers
- Lower the cost of transit fares to make it more affordable than driving alone
- Changes to minimum usage requirements
- Other (please tell us more):
- I am not interested in using the Worker/Driver bus program

What are the top 3 things that would motivate you to use a vanpool (or vanpool more often) for your trips to or in Bremerton when things return to normal **after COVID**?

Vanpool is a group of 5-15 commuters who ride to work together in a van provided by a transit agency or employer. (Please only select up to 3)

- Reserved parking for vanpoolers near workplace
- Free parking for vanpoolers
- Lower parking rates for vanpoolers
- Free ride home in case of emergencies
- Help establishing a vanpool at your workplace
- Other (please tell us more):
- I have no interest in using vanpool

Appendix A: Survey instrument, continued

What are the top 3 things that would motivate you to carpool (or carpool more often) for your trips to or in Bremerton when things return to normal **after COVID**? (Please only select up to 3)

Help facilitating a carpool (such as a carpool matching service)

Free ride home in case of emergencies

Reserved parking for carpools near workplace

Lower parking rates for carpools

Free parking for carpools

Other (please tell us more):

I have no interest in carpooling

What are the top 3 things that would motivate you to bike (or bike more often) for your trips to or in Bremerton when things return to normal **after COVID**? (Please only select up to 3)

Access to publicly available bikes through a bike share company

Improved existing bike lanes

Shower facilities at my workplace

New bike lanes

More buses with bike racks

Provide better directional signals for bikes

Bike lockers at my workplace, ferry terminal, etc.

Protected/separated bicycle lanes/trails

Other (please tell us more):

I have no interest in biking

Appendix A: Survey instrument, continued

In your opinion, what are the three most important projects to improve travel in Bremerton (please select only 3)?

- Roadway capacity projects (added lanes, new roads, turn lanes, etc.)
- Roadway efficiency projects (traffic signal improvements, roundabouts)
- Active travel improvements (bike lanes, sidewalks, crosswalks, etc.)
- Commute technology programs (real-time traffic, transit, or parking information; increased cost to park during high-demand times, etc.)
- Public information and incentive programs (support finding/creating rideshare options, transit fare incentives, etc.)
- More parking available at park and ride lots
- Shipyard access improvements (vehicle queue lanes, kiss and ride drop-off areas, bike accessibility)
- Public transit projects (HOV/Bus-Only lanes)
- Other (please tell us more):

Did we miss anything? Are there any other ideas you have for improving travel in Bremerton when things return to normal **after COVID**? Please describe them briefly here.

Do you want to receive updates about Bremerton's Transportation Plan?

- No
- Yes

As plans continue to develop, what are the top 3 best ways to keep you updated? (Please only select up to 3)

- Facebook
- Mail updates
- Twitter
- Print newspaper
- Email updates (please provide email address):
- Online newspaper
- Public events/presentations
- Project website
- Other (please tell us more):

Appendix A: Survey instrument, continued

Finally, we have a few demographic questions about you. Your answers are anonymous and will be combined with those of other respondents for analysis purposes.

What is your home zip code?

In what city or town do you live?

How do you identify?

- Female
- Male
- Not listed here
- Prefer not to answer

How old are you?

- 17 or younger
- 18-24
- 25-34
- 35-44
- 45-54
- 55-64
- 65-74
- 75 or older

Primary language(s) spoken at home (check all that apply)

- English
- Spanish
- Tagalog
- German
- Chinese (e.g., Mandarin, Cantonese, Fuzhounese)
- French
- Korean
- Vietnamese
- Russian, Polish, or other Slavic languages
- Other (please tell us more):

Appendix A: Survey instrument, continued

How do you identify? Please select all that apply.

American Indian or Alaska Native

Asian or Asian-American

Black or African American

Hispanic or Latino/a/x

Native Hawaiian or Other Pacific Islander

White

Not listed here (please tell us more):

What was your total household income (before taxes) for 2020?

Less than \$25,000

\$25,000 to \$49,999

\$50,000 to \$74,999

\$75,000 to \$99,999

\$100,000 to \$149,999

\$150,000 to \$199,999

\$200,000 or more

Don't know

Appendix B: Recruitment materials – Social media post

 **City of Bremerton - Government**
February 5 · 🌐

Message from Mayor [Greg Wheeler](#): The City of Bremerton is launching a study in cooperation with the U.S. Navy to find real solutions to gridlock and parking issues from heavy commuter traffic in and around the City. The effort is one of Mayor Wheeler's initiatives to address traffic challenges and plan for future growth. Please join us on Tuesday, Feb. 9 at 5 PM for a virtual public meeting to learn more about the transportation study.

See the announcement below or visit our website for meeting details at: <https://bit.ly/3aBG6px>.

Make sure your voice is heard and let us know about your commute or how you get around Bremerton. Visit Bremerton Commuter Survey (<https://bit.ly/2MWuRjl>) to participate.

Joint Compatibility Transportation Plan

A transportation study focused on Bremerton commuters and Shipyard access.

YOU'RE INVITED!

ONLINE OPEN HOUSE

Members of the Bremerton community and people who commute to and around Bremerton are invited to attend this public meeting.

Project staff will introduce the goals and schedule for the study during a brief presentation followed by question and answer session.

February 9, 2021
5pm to 6:15pm

Hosted By: 

ZOOM MEETING LINK

More information about the project may be found by visiting the project's webpage at www.BremertonWA.gov/JCTP

Language and ADA accommodations may be requested by contacting Kattie Gethner at 360.479.5334

Appendix B: Recruitment materials – Website

2020-2021 Sidewalk Work Plan

6th St Pavement Preservation (Phase I)

6th St Pavement Preservation (Phase II)

6th St Pavement Preservation (Phase III)

Accessible Parking Installation

Bremerton School Zone Safety Improvements

Burwell/Warren Sewer Pipe Cleaning and Inspection

Downtown Bicycle & Pedestrian Improvements

East 11th & Perry Ave Streets Improvement

Home > Our Government > Projects > Joint Compatibility Transportation Plan

Joint Compatibility Transportation Plan

Bremerton Commuter Survey

Survey active now through February 21, 2021.
[Click here](#) for details!

Overview

The City of Bremerton has been awarded a Department of Defense Office of Economic Adjustment grant to undertake a comprehensive commuter traffic plan. The award is the culmination of an effort, led by Mayor Wheeler, that demonstrates the Navy's common interest with the City to resolve traffic and parking conflicts. The study, formally called the "Joint Compatibility Transportation Plan", will create a responsive and actionable plan to address transportation issues in Bremerton and ensure Bremerton's growth will not impede Naval Base Kitsap – Bremerton missions which are critical to our Nation's military readiness.

Joint Compatibility Transportation Plan

A transportation study focused on Bremerton commuters and Shipyard access.

Commuter Survey

<http://bit.ly/CommuteBremerton>

Members of the Bremerton community and people who commute to and around Bremerton are invited participate in a commuter survey.

Survey will be active from 2/2/2021 until 2/21/2021

More information about the project may be found by visiting the project's webpage at www.BremertonWA.gov/JCTP

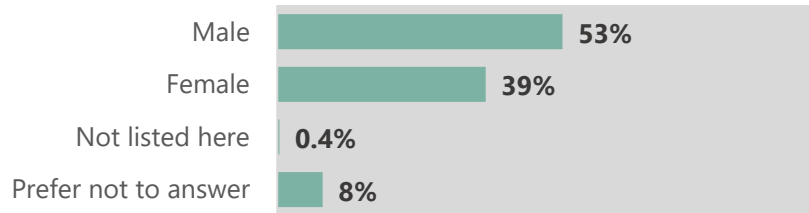
CHARGE AND AEA ACCUMULATION MAY BE REQUESTED BY CONTACTING Katie Ketterer at 360-473-5334

Contact Us

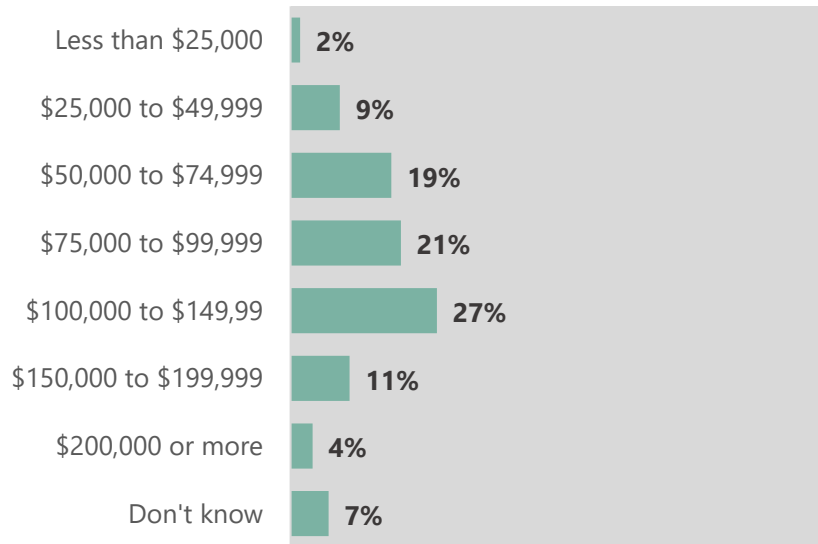
Katie Ketterer
Project Manager
Ph: 360-473-5334
[Email](#)

Appendix C: Demographic Profile – Part 1

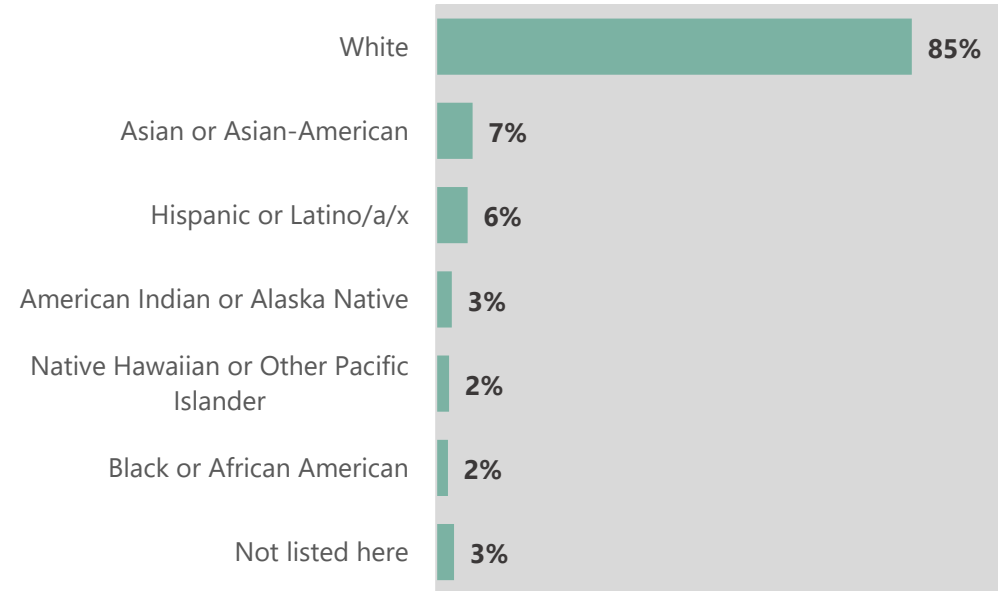
Gender (n = 455)



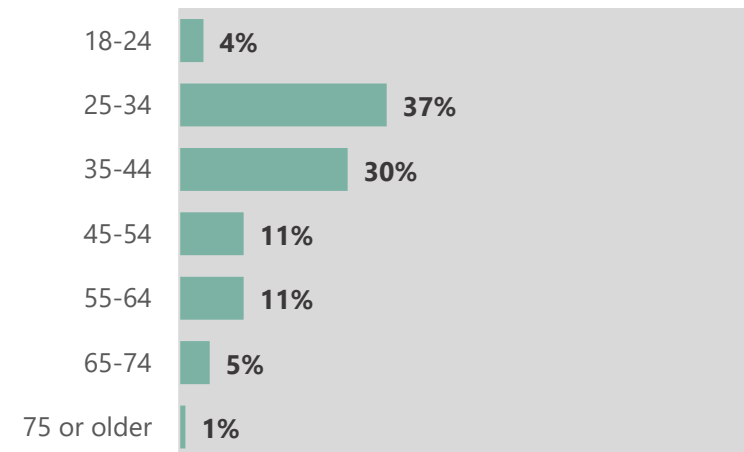
Income (n = 436)



Race (n = 431)



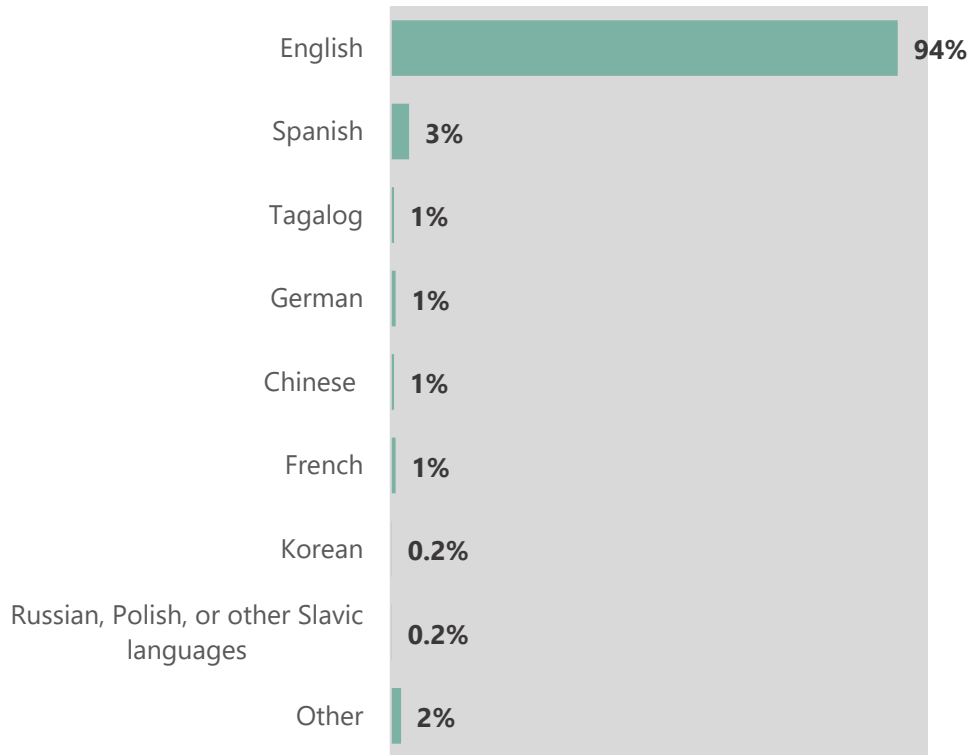
Age (n = 477)



Due to rounding, or options where participants could select multiple answers, percentages may not sum to 100%. Rounding occurs on all demographic slides.

Appendix C: Demographic Profile – Part 2

Language (n = 467)

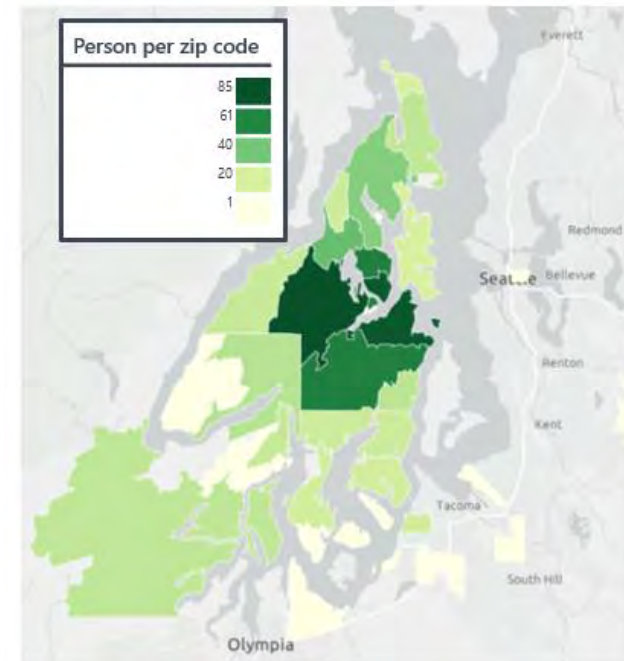


Residency (n = 446)

City	Percentage
Bremerton	50%
Port Orchard	21%
Silverdale	5%
Poulsbo	4%
Gig Harbor	3%
Belfair	2%
Olalla	2%

Note: Areas with 1% or fewer respondents not shown.

Residency distribution (N=449)



Due to rounding, or options where participants could select multiple answers, percentages may not sum to 100%. Rounding occurs on all demographic slides.

Appendix D

Methods and Assumptions Memo



TECHNICAL MEMORANDUM

DATE: October 4, 2021
TO: Katie Ketterer
FROM: Michael Horntvedt
SUBJECT: Methods and Assumptions
CC: Alex Atchison, PE, PTOE
Emily Welter, PE
PROJECT NUMBER: 554-1896-176
PROJECT NAME: Joint Compatibility Transportation Plan

INTRODUCTION

The Joint Compatibility Transportation Plan is intended to outline regional transportation network improvements necessary to improve or maintain accessibility, mobility, quality of life, and economic vitality for the City of Bremerton and Naval Base Kitsap – Bremerton (NBK-BR). Success of this plan will ensure NBK-BR meets its missions for national defense while supporting Bremerton’s long-range growth needs.

The plan will document the specific purpose and need for improvements, develop and screen a range of reasonable alternatives, and identify preferred alternatives for transportation improvements and parking solutions in the study area. It will build on background planning, studies, parking inventories, and other ongoing efforts including those prepared by the City, Kitsap Transit, NBK-BR, Kitsap County, and other regional agencies, as well as supplemental data collected by the project team.

The final Joint Compatibility Transportation Plan will identify short, mid, and long-term capital and operational improvements prioritized based on metrics determined during the study that are clear, useful, and actionable. Improvements may be located within the study area or outside of it, for example, a park-and-ride facility that would be served by transit service to NBK-BR could be sited in a location outside of the study area. The plan will develop conceptual planning level cost estimates for select preferred alternatives for ROW, design, and construction.

This memorandum describes the proposed methods and assumptions that will be used to complete the technical analysis for this study.

Study Area

The study area for this project is the area within the City limits as well as City of Bremerton Urban Growth Area. The study area is shown in **Figure 1** below. Areas outside the city, such as Port Orchard, will be included in some analysis as well.

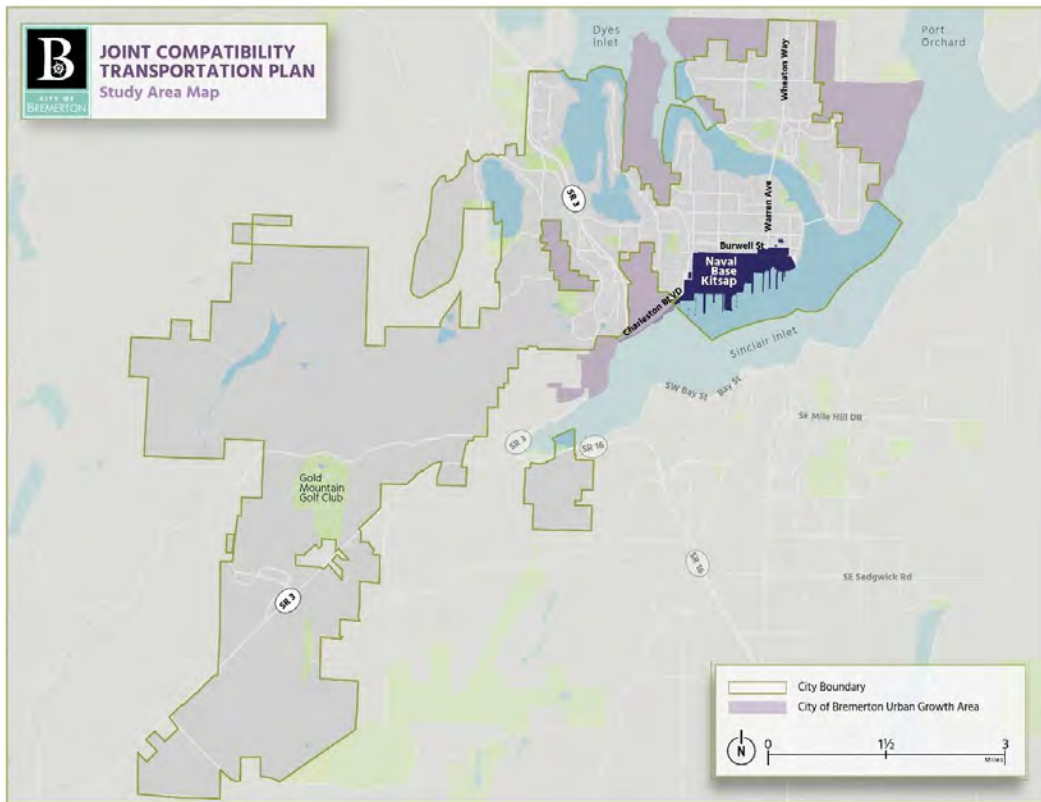


Figure 1. Study Area

DATA COLLECTION

Intersection Turning Movement Counts

58 intersections were identified as significant intersections in the study area. Most of the study intersections are signalized intersections, but unsignalized intersections along major corridors or provide access to and from NBK-BR will also be included in the analysis. AM and PM peak hour turning movement counts (TMCs) collected in March 2017, January 2018, and May 2019 were provided by the City and WSDOT. PM peak hour volumes were also provided in the City’s 2019 Synchro model; these will be used for the Existing Conditions traffic analysis.

Table 1 below notes intersections where recent AM and PM peak hour TMCs are available and intersections where counts are needed. TMCs will be collected in 15-minute increments and include heavy vehicle percentage and pedestrian and bicycle volumes. AM peak hour TMCs will be collected between 6-8 am during the week of January 25, 2021.

Table 1. Study Intersections

#	Intersection	Intersection Control	AM Peak Hour Data Date
2	Auto Center Way/SR 3 SB Off-Ramp at Kitsap Way/Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018
3	SR 3 NB Off-Ramp/SR 3 NB On-Ramp at Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018
4	Shorewood Dr at Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018
5	Ostrich Bay Ave/Private Dwy at Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018

#	Intersection	Intersection Control	AM Peak Hour Data Date
6	Oyster Bay Ave at Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018
7	National Ave/Private Dwy at Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018
8	Marine Dr at Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018
10	11th St at Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018
11	Wycoff Ave at Kitsap Way (SR 310)	Signalized	Tues Jan 9, 2018
12	N Callow Ave at Kitsap Way (SR 310)/6th St (SR 310)	Signalized	Tues Jan 9, 2018
13	N Montgomery Ave at 6th St (SR 310)/6th St	Signalized	Tues Jan 9, 2018
14	Naval Ave at 6th St	Signalized	Tues Jan 9, 2018
16	Veneta Ave at 6th St	Signalized	Tues Jan 9, 2018
17	Warren Ave (SR 303) at 6th St	Signalized	Tues Jan 9, 2018
18	Park Ave at 6th St	Signalized	Tues Jan 9, 2018
19	Pacific Ave at 6th Street	Unsignalized	Tues Jan 9, 2018
20	Washington Ave at 6th St	Signalized	Tues Jan 9, 2018
21	Warren Ave/Warren Ave (SR 303) at Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
22	Warren Ave (SR 303) at 11th St	Signalized	Tues Jan 9, 2018
23	Warren Ave (SR 303) at 13th St	Signalized	Wed Jan 10, 2018
24	Warren Ave (SR 303) at 16th St	Signalized	Wed Jan 10, 2018
25	Wheaton Way (SR 303) at Sheridan Rd	Signalized	Wed Jan 10, 2018
26	Wheaton Way (SR 303) at Sylvan Way	Signalized	Wed Jan 10, 2018
27	Wheaton Way (SR 303) at Private Dwy/Hollis St	Signalized	Wed Jan 10, 2018
28	Wheaton Way (SR 303) at Riddell Rd	Signalized	Wed Jan 10, 2018
29	Wheaton Way (SR 303) at Furneys Ln/Fred Meyer Dwy	Signalized	Wed Jan 10, 2018
30	N Callow Ave at 11th St	Signalized	Tues Jan 9, 2018
31	Naval Ave at 11th St	Signalized	Tues Jan 9, 2018
32	High Ave at 11th St	Signalized	Tues Jan 9, 2018
33	Park Ave at 11th St	Signalized	Tues Jan 9, 2018
34	Washington Ave at Manette Bridge	Signalized	Tues Jan 9, 2018
35	N Callow Ave at Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
36	N Montgomery Ave at Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
37	Naval Ave at Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
38	State Ave at Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
40	Park Ave at Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
41	Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
42	Pacific Ave at Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
43	Washington Ave at Burwell St (SR 304)	Signalized	Tues Jan 9, 2018
44	Charleston Blvd (SR 304) at S Cambrian Ave/Farragut Ave	Signalized	Wed Jan 10, 2018
45	Charleston Blvd (SR 304) at Charleston Beach Rd	Signalized	Wed Jan 10, 2018
46	Union Ave/Auto Center Blvd at Werner Rd	Signalized	Wed Jan 10, 2018
47	Oyster Bay Ave/Auto Center Way at Werner Rd/Loxie Eagans Blvd	Signalized	Wed Jan 10, 2018
48	National Ave at Loxie Eagans Blvd	Signalized	Wed Jan 10, 2018
93	Austin Dr at SR 3 NB On Ramp/SR 3 NB Off Ramp	Unsignalized	Tues Jan 26, 2021

#	Intersection	Intersection Control	AM Peak Hour Data Date
94	Austin Dr at SR 3 SB Off Ramp/SR 3 SB On Ramp	Unsignalized	Tues Jan 26, 2021
104	SR 3 SB On Ramp/SR 3 SB Off Ramp at Loxie Eagans Blvd	Unsignalized	Tues Mar 14, 2017
105	SR 3 NB Off Ramp/SR 3 NB On Ramp at Loxie Eagans Blvd	Signalized	Tues Mar 14, 2017
135	Chester Ave at Burwell St (SR 304)	Ped Signal	Tues Jan 26, 2021
202	SR 16 Spur/Sam Christopherson Dr at SR 3	Signalized	Wed Mar 8, 2017
216	SR 3 at Imperial Way	Signalized	Wed Mar 8, 2017
307	Naval St at 15th St	Signalized	Tues Jan 26, 2021
316	Park at 5th St	Unsignalized	Tues Jan 26, 2021
317	Park at 4th St	Unsignalized	Tues Jan 26, 2021
318	Pacific Avenue at 5th St	Unsignalized	Tues Jan 26, 2021
319	Pacific Avenue at 4th St	Unsignalized	Tues Jan 26, 2021
400	Warren Ave (SR 303) at 5th	Unsignalized	Tues, May 7, 2019
401	Warrant Ave (SR 303) at 4th	Unsignalized	Tues, May 7, 2019

Average Daily Traffic

Average daily traffic (ADT) at seven screenlines will be used to validate the travel demand model. The screenlines have been reviewed and approved by City staff. The locations of the screenlines are shown in Figure 2 below. Specific locations along each screenline are shown in Table 2 below. ADT volumes for some of these screenlines were collected from the WSDOT Traffic GeoPortal, City intersection counts, data provided by Washington State Ferries (WSF), and data provided by Kitsap Transit. Additional ADT volumes were collected by the City and by the Consultant (IDAX) for 72 hours during the week of January 25, 2021.

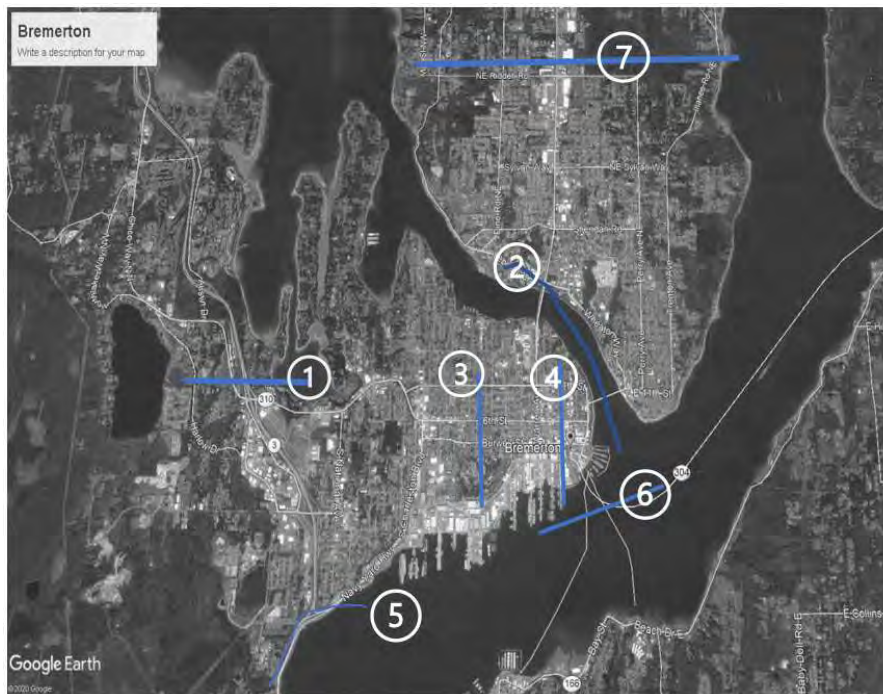


Figure 2. Screenline Locations

Table 2. Screenline Locations

#	Screenline Description	Location along Screenline	Data Source
1	SR 3, north of Austin	SR 3, MP 39.75	2019 WSDOT ADT
		<i>Kitsap Way, between Lyle Ave and Wilmont St</i>	<i>2021 Tube Count</i>
2	Port Washington Narrows	Warren Ave (SR 303)	2019 WSDOT ADT
		<i>Manette Bridge</i>	<i>2021 Tube Count</i>
3	north-south, west of Warren Ave (SR 303)	Burwell St (SR 304)	2019 WSDOT ADT
		6th St	2018 Intersection Count
		<i>11th St</i>	<i>2021 Tube Count</i>
4	north-south, east of Warren Ave	Burwell St (SR 304)	2019 WSDOT ADT
		6th St	2018 Intersection Count
		<i>11th Street</i>	<i>2021 Tube Count</i>
5	SR 3, south of Werner Rd	SR 3, south of Werner Rd	2018 Intersection Count
		Charleston Blvd, south of Farragut St	2017 Intersection Count
6	north-south, east of ferry terminal	Seattle-Bremerton Ferry (SR 304)	WSF
		Port Orchard-Bremerton Foot Ferry	Kitsap Transit
		Bremerton-Annapolis Foot Ferry	Kitsap Transit
7	east-west, north of NE Riddell Rd	<i>Pine Rd</i>	<i>2021 Tube Count</i>
		Wheaton Way (SR 303)	2019 Tube Count
		<i>Ilahee Rd, south of Oceanview Blvd NE</i>	<i>2021 Tube Count</i>

Parking Data

While this study will not be collecting parking data in the field, it will look at trends or indicators that relate to parking demand. The following data will be reviewed and analyzed with a focus on data from the completion of the parking study through pre-COVID conditions:

- Traffic counts in study area (2016-2020)
- Parking citation data (2016-2020)
- Ferry ridership (2016-2020)
- NBK-BR (including Puget Sound Naval Shipyard – PSNS) employment (2016-2020)
- Transit ridership data from Kitsap Transit (2016-2021)
- Park and Ride parking data (2016-2020)

Origin-Destination

A public information survey is being conducted to collect information on trip origins and destinations. The survey asks participants to identify the district where they start and end their commute trip to or from Bremerton, based on Figure 3 below.

In addition to the public survey, data collected during 2017-2018 for the WSDOT Commute Trip Reduction (CTR) project will be used. The data is aggregated by transportation analysis zones (TAZ) and shows mode choice to major employment sites, including NBK-BR, during the morning commute.

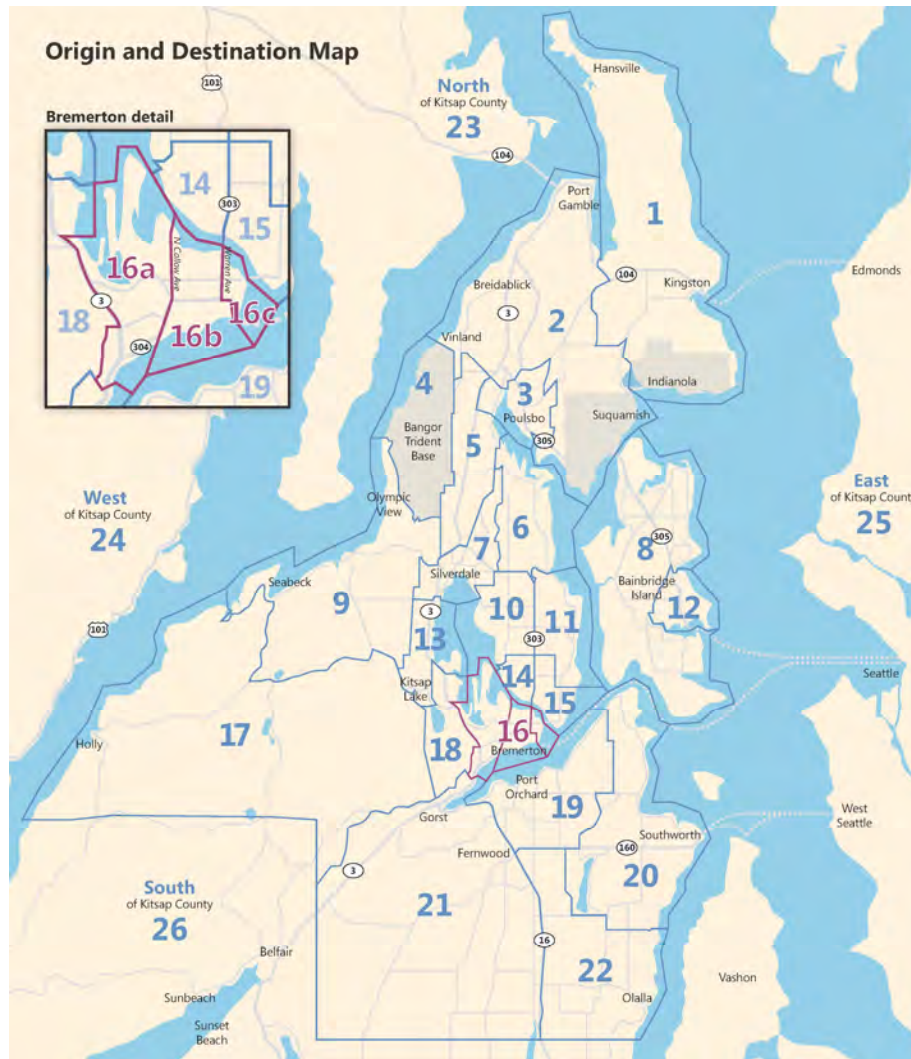


Figure 3. Origin and Destination Map included in Public Survey

TRAVEL DEMAND FORECASTING

The City of Bremerton provided its travel demand forecasting model for use on this project. The model runs in the Visum software version 18.02-12. The City’s model is a three-step model (trip generation, trip distribution, and vehicle assignment) and estimates PM peak hour vehicle trips. The boundaries of the model area are generally consistent with the City’s boundaries. There are 125 traffic analysis zones (TAZs) within the model area and eight external gateways. The land use inputs include households (single-family and multi-family) and employment (retail, office, government, education, warehousing, manufacturing, and construction). There are separate input categories for military bases and park and rides within the model area. A 2019 Existing Conditions and 2040 Future Baseline were provided.

Validation

The base year model will be validated using PM peak hour vehicle counts at 7 screenlines. These are imaginary boundaries drawn across the street network to determine whether the model's depiction of volumes moving across the City are consistent with the observed volumes. The locations of the screenlines are shown in Figure 2 above.

The validation target is that the two-way model volume estimates are within 10% of observed counts. In order to improve the model's performance, the following adjustments may be necessary:

- Updating the quantity and location of household and population estimates within the model area by zone.
- Adjusting PM peak hour vehicle trip generation rates by comparing with ITE trip generation rates, local traffic studies, or vehicle driveway counts.
- Modifying the assumptions around Naval Base Kitsap – Bremerton related to PM peak hour vehicle trip generation, gate distribution, and mode of access.
- Calibrating the roadway network parameters (speeds, capacities, and functional class) to better reflect the routes that people use throughout the model area.
- Adjusting the number of the trips that enter or exit the model area based on observed vehicle counts.

If the project team is unable to meet the validation criteria, the deficiencies in the model will be discussed and post-processing procedures will be developed to correct for the model's errors. This will allow the model to still be used to develop growth rates for the future year scenarios.

As discussed in the Data Collection section above, the count data along the screenlines was collected from several different sources: WSDOT daily traffic volumes, intersection counts from previous traffic studies, and 24-hour tube counts collected in January 2021. The PM peak hour volume for locations where only daily volumes were available will be estimated using peak hour percentages from the recently collected tube counts. Based on the observed count data, the PM peak hour occurs between 3:30 and 4:30 PM. The count data from this time period at each location will be used to validate the model. An adjustment factor will be applied to the 2021 count data to reflect pre-COVID conditions. The volumes will be adjusted to 2019 pre-COVID conditions using a factor that will be calculated using data from nearby WSDOT permanent traffic recorders (PTR) and other available data from the City.

Forecasting

The primary purpose of the City's model will be to estimate growth percentages for vehicle trips between the base year and future year that can be applied to the existing intersection counts to estimate future intersection volumes. Since an AM peak hour model is not available, the growth percentages that are developed for the PM peak hour will also be used for the morning peak. Growth percentages will be developed by subarea. The model will not be used to directly forecast changes in demand for other modes (transit, walking, and biking).

Before running the future year model, the land use estimates and other model inputs will be updated to reflect 2050 conditions. The future year is being extended to be consistent with Puget Sound Regional Council's (PSRC) regional planning document "Vision 2050" and to provide a modeling basis for the City for future planning efforts. The project team will determine 2050 citywide land use control totals by coordinating with PSRC and will work with the City to redistribute the growth at the TAZ level. The project team will update other model inputs as necessary to reflect 2050 conditions.

Future Build Alternatives

The three Build Alternatives are based on maintaining or changing where NBK-BR employees park. The following methodology will be used to develop volume forecasts for each of the three Build Alternatives. The three Build Alternatives include:

- Support Parking: adds downtown parking to meet parking demand
- Relocate Parking: relocates a portion of NBK-BR employees outside of downtown
- Add Base Parking: adds parking on NBK-BR to meet parking demand for NBK-BR

Estimating NBK-BR Employee Travel Patterns

First, the parking diversion for the Relocate Parking and Add Base Parking alternatives will be determined based on the number of NBK-BR employees and their current travel patterns. The total number of NBK-BR employees and the percent of the daily total that arrives or departs during the traffic peak hour will be estimated consistent with the travel demand modeling. The current mode split for drive alone, carpool, transit, and biking or walking will be estimated based on the public information survey as well as the WSDOT CTR surveys. The vehicle and pedestrian volumes at the NBK-BR gates that were developed during the travel demand model validation will be used to determine the number of NBK-BR employees parking downtown and then walking into NBK-BR. The total number of people walking into NBK-BR after parking downtown will then be converted to a total number of vehicles using the AVO estimated from the WSDOT CTR surveys.

Volume Redistribution

For the Relocate Parking alternative, it is assumed that a portion of NBK-BR employee vehicles will no longer park downtown and instead will park at a Kitsap Transit park and ride and travel to NBK-BR on a fixed-route or worker/driver bus. To develop traffic volumes for this alternative, the downtown area will be divided into six parking sections (section A through F). The total number of occupied parking stalls in each section will be estimated based on inventory and occupancy data from the 2017 Parking Study and an estimated number of stalls per residential block for those areas outside of the 2017 Parking Study limits. Next, the number of NBK-BR employee vehicles parking in each section will then be estimated based on pedestrian volumes at the NBK-BR gates. The NBK-BR employee vehicles will be removed from each section and then removed from the study roadway network based on existing turning movement counts and the major routes. The portion of total traffic getting diverted along the three major routes in and out of the City is as follows:

- 45% along Charleston Blvd to the south
- 30% along SR 303 to the north
- 25% along Kitsap Way to the northwest

For the Add Base Parking alternative, it is assumed that a portion of NBK-BR employee vehicles will no longer park downtown and instead will park at NBK-BR. The NBK-BR employee vehicles will be diverted based on the same parking sections as the Relocate Parking alternative, but instead of removing the vehicles from the study roadway network, all vehicles will be diverted to enter NBK-BR through three gates: Charleston, Montgomery, and Naval. Traffic patterns for the Support Base Parking alternative were assumed to be the same as the No Build condition.

Lastly, there are a few proposed improvements that will require additional assumptions about traffic volume diversion. These include:

- **Road diets along 6th Street and 11th Street:** The improvement proposes to rechannelize 6th Street and 11th Street from two lanes in each direction to one lane in each direction with a two-way-left-turn lane. The analysis assumes 200 vehicles per hour (vph) will divert from 6th Street to Burwell Street with 75% in the peak direction and 25% in the off-peak direction. 150 vph were assumed to divert from 11th Street to 13th Street and 150 vph were assumed to divert from 11th Street to Burwell Street, with 55% in the peak direction and 45% in the off-peak direction. This is consistent with the 6th Street and 11th Street Corridor Feasibility Study and existing traffic volumes.
- **Build projects in SR 303 Corridor Study:** The SR 303 Corridor Study proposes several improvements that will cause traffic diversions compared to the No Build condition. Volume diversion for converting the northbound approach at Burwell Street/SR 303 to a right-in-right-out (RIRO) and for installing medians and requiring u-turns north of the Warren Avenue Bridge will be consistent with assumptions from the SR 303 Corridor Study.
- **Open Montgomery Gate in both directions:** The Montgomery Gate is currently open to traffic inbound to NBK-BR during the AM peak hour and outbound traffic from NBK-BR during the PM peak hour. For this analysis, one of the proposed improvements is to open the Montgomery gate in both directions during both AM and PM peak hours. The analysis assumed that 85 vph would divert from the Charleston gate and 65 vph the Naval gate to the Montgomery gate.

TRAFFIC OPERATIONS ANALYSIS

Traffic operations analysis for this project will include weekday AM and PM peak hours for the following years:

- Existing Conditions – 2020 (pre-Covid conditions)
- Future Baseline – 2050

Analysis of No Build and Build alternatives will be performed for the year 2050.

Intersections will be analyzed based on WSDOT's analysis policies and protocols as of the date of this report using the following software packages:

- Synchro 10 software will be used to analyze the operation of signalized and stop-controlled intersections.
- SIDRA 8 software will be used to analyze roundabout-controlled intersections.

Existing Conditions

Traffic Volumes

As discussed in the Data Collection section above, intersection volumes for most of the study intersections were collected by the City in January 2018 during the AM and PM peak hours. The City also provided a Synchro model that was developed in 2019 using 2018 traffic volumes. This model will be the base for existing PM conditions analysis. The intersections volumes included in this model were assumed to have been adjusted from the January 2018 counts for seasonality and annual growth and balanced between intersections. Given the change in traffic patterns during the 2020-2021 COVID pandemic, these 2019 PM peak hour model volumes will be used as is for this study and will not be adjusted for annual growth for the year 2020.

Two intersections were not included in the 2019 PM peak hour Synchro model: Warren Ave (SR 303) at 4th Street and Warren Ave (SR 303) at 5th Ave. These intersections were studied during the SR 303 Corridor Study and intersections volumes were collected for these intersections in May 2019. These volumes will be used as is for this study as well. AM peak hour traffic volumes will be developed using existing traffic volumes and new count data. Traffic volumes will be baselined using the following approach and balanced to the highest input volume for the network.

- **January 2018:** These volumes will be grown to 2019 conditions using an annual background growth of +2%.
- **March 2017:** These volumes will be grown to 2019 conditions using an annual background growth of +2%.
- **May 2019:** No adjustments needed.
- **January 2021:** Since these volumes are being collected during the COVID pandemic, these volumes will need to be adjusted to pre-COVID conditions. The volumes will be adjusted to 2019 pre-COVID conditions using a factor that will be calculated using data from nearby WSDOT permanent traffic recorders (PTR) and other available data from the City.

Traffic Models

For the PM peak hour, the Synchro model provided by the City will be used for geometric configurations and signal timing. The intersections in the citywide model that will not be analyzed for this project will be removed from the model and two intersections will be added: Warren Ave (SR 303) at 4th Street and 5th Street. The team will perform a high-level check of the channelization and signal timing to confirm the model is up-to-date and make adjustments as needed.

For the AM peak hour, the 2019 PM peak hour model will be used as a baseline for geometric configurations. The signal timing will be changed using the signal timing cards provided by the City, WSDOT and Kitsap County. If signal timing cards for any intersections are not provided, the cycle lengths, offsets, and splits will be optimized for those intersections.

Future Baseline

For the 2050 Future Baseline analysis, the Synchro model will be updated to include the planned roadway improvement projects shown in Table 3 below. These roadway projects are included in the City of Bremerton 2021-2026 Transportation Improvement Program (TIP) and the Kitsap County Six-Year TIP Resolution 2021-2026.

Table 3. Planned Roadway Improvements

Source	Project	Description
City TIP	Washington Avenue Roundabouts	New roundabout at Washington Ave/Manette Bridge
City TIP	Naval Avenue Road Diet	Road diet on Naval from the Navy Gate to 15th. Evaluating converting 8th and 10th Streets to one-way streets.
City TIP	Burwell Street Adaptive Signals	Installs adaptive signals at all signalized intersections on SR 304 between Charleston Beach Road and Pacific Ave and Burwell Street at Washington Ave
City TIP	11 th Street / Callow Ave Intersection Improvements	Constructs EB-NB left turn pocket.
City TIP	HSIP III Kitsap Way Bike Lanes and Warren Ave Traffic Signal Safety	Bike lanes along Kitsap Way and channelization improvements at SR 303/6th Street and SR 303/Sheridan Road

Several improvement projects in the study area have been proposed in the *SR 167 Tacoma Narrows Bridge to SR 3 Congestion Study*, WSDOT (2018). None of these projects are currently funded. The modeling study area and modeling process for this project assumes that the demand along SR 3 reaches the intersection, regardless of any changes to SR 3, therefore there wouldn't be any changes in the results from the Synchro model. Specific capacity related projects at intersections will be considered as part of this study's proposed improvements.

The cycle lengths, offsets, and splits will be not be optimized for the No Build Synchro models, except at the following locations where the City has current projects planned:

- SR 303 (Burwell Street to NE Furneys Road), consistent with HSIP project
- 11th Street (High Street to Callow Avenue) for the HSIP project
- Naval Avenue (Burwell Street to 15th Street) for the Naval Ave Road Diet project
- Washington/6th Street for the Washington Avenue roundabouts projects
- Burwell Street (Callow Avenue to SR 303) for the Burwell Street Adaptive Signals project

Future Build Alternatives

The cycle lengths, offsets, and splits will be optimized for the Build Alternative Synchro models. Roundabouts are proposed at several intersections under the Build Alternatives. All roundabouts not included in the SR 303 Corridor Study will be modeled with a 60-foot island diameter to minimize right-of-way impacts.

SAFETY ANALYSIS

Citywide crash data collected and used in the recent Bremerton Strategic Road Safety Plan will be used to highlight crash locations and identify locations that require additional attention. The study team will use the Bremerton Strategic Road Safety Plan (2020) to recommend where potential alternatives might provide benefits for improved safety for all modes of travel. Bremerton Strategic Road Safety Plan included analysis of crash data for the years 2014 to 2018. The study team will also evaluate 2019 crash data, to be provided by WSDOT. Safety hot spots will be outlined using the safety data from the Bremerton Strategic Road Safety Plan and locations that warrant further consideration for improvements will be identified.

ACTIVE TRANSPORTATION ANALYSIS

The project team will analyze existing conditions, challenges, and opportunities for people walking and biking in the study area. The project team will summarize existing plans and policies (e.g., Bremerton Non-Motorized Plan (2007) and the Transportation Element of the Comprehensive Plan (2016), results for the survey, origin-destination data, existing facilities (e.g. sidewalks and bike lanes), and sidewalk condition, gaps in connectivity, and safety trends.

To support this analysis, walksheds and a bikeshed will be mapped to help identify opportunities, challenges, and areas where improvements would be most beneficial. The walkshed and bikeshed maps will be developed separately from topographic maps but solutions will be developed considering topography. Specifically, one bikeshed map will be developed that shows 5-minute, 15-minute, and 30-minute sheds from one point of origin (the Naval Avenue NBK-BR entrance), as the sheds would only change slightly if additional points of origin were analyzed. Multiple walkshed maps will be developed that show 5-minute, 15-minute (roughly a half-mile walk), and 30-minute (roughly a mile walk) sheds from up to 10 points of origin to be confirmed with City staff, including:

- Gateway park and ride (P&R)

- Naval Avenue NBK-BR entrance
- Farragut NBK-BR entrance
- Upper State NBK-BR entrance
- Bremerton NBK-BR entrance
- a new transit facility in West Bremerton
- up to 4 additional points of origin

One topography map will be developed showing roadway segments in the study area with slopes steeper than 5 percent and slopes steeper than 10 percent. The 5 percent threshold correlates with areas where curb ramps are required by the Americans With Disabilities Act (ADA), and the WSDOT Pedestrian Facilities Guidebook identifies this threshold as impacting mobility for most pedestrians.¹ 10 percent is the maximum preferred slope for bicycle facilities according to the Design Manual for Bicycle Traffic (CROW, NL), and it also applies for pedestrians because the WSDOT Pedestrian Facilities Guidebook notes that slopes greater than 12.5 percent are not usable by most pedestrians.² This map will be used alongside the other existing conditions data when identifying potential projects, as it will help identify constraints.

One bicycle level of traffic stress (LTS) map will be developed using Open Street Map data to measure cyclist comfort on every street in the study area.

The project team will analyze existing and baseline multimodal level of service as defined by Bremerton's current Comprehensive Plan, taking into consideration a layered network facility and pedestrian/bike priority area level of service definitions. Modal performance issues for existing and future baseline conditions will be identified to support development of future alternatives to be evaluated in the study. As noted in the travel demand forecasting section, future bicycle and pedestrian demand will not be estimated using the travel demand model, but the project team will qualitatively describe how land use factors such as population, employment, and parking are changing in Bremerton and how this is anticipated to affect bicycle and pedestrian demand.

The project team will review the Bremerton Strategic Road Safety Plan and the public information survey comments to summarize existing safety hot spots and locations with safety challenges. The study team will also review data provided by the City centering around customer complaints centered around bike/ped safety and mobility. This will be used to recommend potential projects to improve safety for all modes of travel.

PARKING ANALYSIS

Due to the convergence of Naval Base Kitsap – Bremerton (NBK-BR), Downtown Bremerton, and the Ferry Terminal, there is a high demand for access and parking in the core of Bremerton. The high demand for access has created challenges such as traffic and parking congestion, including spillover impacts in residential neighborhoods and the downtown business district that ultimately impact the quality of life in Bremerton. There have been long-standing community concerns around parking in Bremerton both in downtown and residential neighborhoods due in part to the high demand for commuter parking.

¹ <https://wsdot.wa.gov/publications/manuals/fulltext/M0000/PedFacGB.pdf>

² <https://cyclehighways.eu/design-and-build/design-principles/slopes-and-gradients.html>

The City of Bremerton completed an extensive study of parking conditions in downtown and adjacent neighborhoods in 2017 that was the first major effort to collect data and study parking conditions (see Figure 4). This JCTP study will rely extensively on the data, findings, public input, and strategies from the 2017 Parking Study. Detailed data was collected on- and off-street in the study area to understand parking demand and behavior such as vehicles being moved to avoid time limits. The data results demonstrated significant parking and mobility challenges and verified many of the long-standing community concerns around parking. Parking challenges include non-residents parking in residential neighborhoods without permits and in violation of time limits, the moving of vehicles in downtown to avoid time limits, significant land area in downtown and adjacent neighborhoods is dedicated to surface and structured parking, and heavy traffic congestion at rush hour. Improved parking management has the potential to enhance access to downtown and major employers while reducing impacts to residents and businesses. As part of the public outreach process, this study will explore new and existing parking strategies, seek additional input, and refine the strategies for the final JCTP.

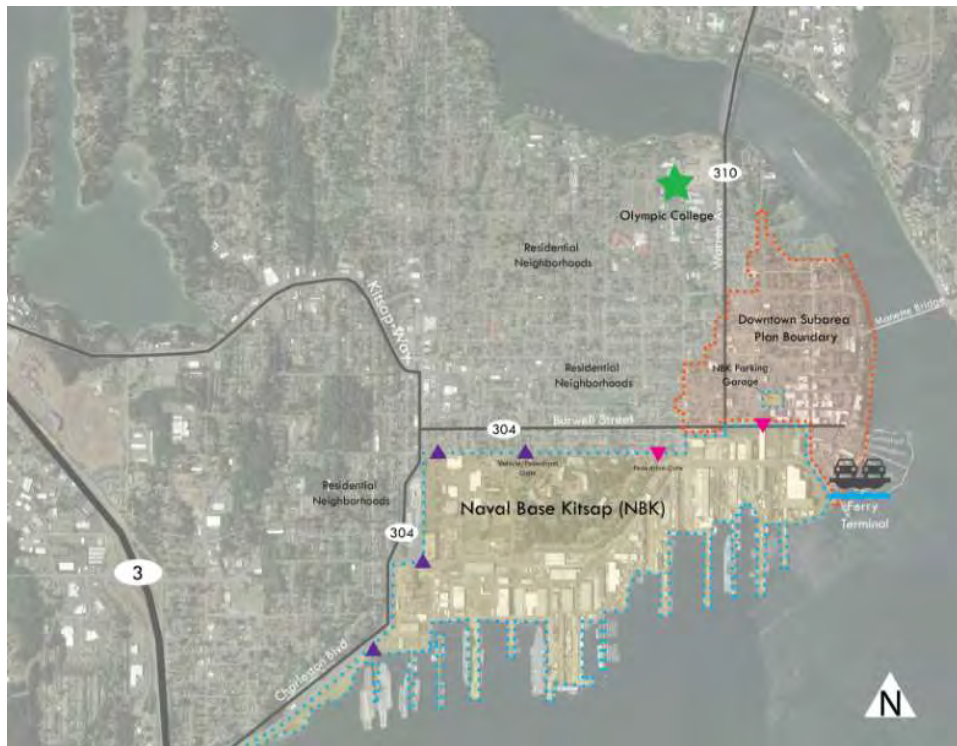


Figure 4. 2017 Parking Study Area

source: City of Bremerton, 2017

Assumptions

While COVID has impacted demand for parking in the near term, it is expected that the pre-COVID 2020 conditions were similar to those observed during data collection in 2016-17 for the Parking Study. The 2017 Parking Study involved extensive data collection both in downtown and adjacent residential neighborhoods over multiple days. The data was mapped and analyzed showing results for each collection hour with key findings for each of the study areas. The data results indicated that both downtown and adjacent residential neighborhoods were being negatively impacted by parking. The following summarize the key data findings for each study area:

Downtown Study Area

- Confirmation of significant vehicle movements known as the “Bremerton Shuffle.”

- The average on-street block occupancy is 68%, but many on-street blocks have occupancy at 85% and above.
- Off-street parking has high occupancies in commuter parking areas.
- Park and ride facilities have available parking.

Residential Neighborhoods

- Parking utilization was high on many streets in residential neighborhoods (average of 83%.
- Peak occupancy occurred at 10 AM and is not typical of a residential neighborhood.
- Parking duration is over six hours on many residential streets, despite time limits for non-permit holders.
- Many observed vehicles are registered to addresses outside the City of Bremerton.

Methods

The following methods will be used to analyze parking conditions, hear from stakeholders about parking challenges and solutions, and develop updated parking management recommendations and an implementation plan.

Data Trends

This analysis will be used to establish baseline conditions for the JCTP study as it relates to parking conditions. Data identified in the assumptions section will be analyzed to understand how conditions both pre- and post-COVID may have changed since the 2017 Parking Study to understand how it may have impacted parking demand and utilization over the last five years.

Public Engagement

Public input during the 2017 Parking Study demonstrated a strong understanding of the parking challenges by the community and particularly those most impacted. The JCTP study will be another opportunity to hear from the community about parking challenges and opportunities to improve parking management and access without negatively impacting the quality of life. During the 2017 Parking Study a new vision for the parking system was developed with input from the community (see **Figure 5**). The JCTP study will confirm the community’s vision and seek input on how parking conditions may or may not have changed since 2017.



Figure 5. Community’s Vision for the Parking System

source: City of Bremerton, 2017

The community also informed a set of guiding principles for decision-making around parking issues and solutions during the 2017 Parking Study (see **Figure 6**).



Figure 6. Parking System Guiding Principles

source: City of Bremerton, 2017

Parking Strategies and Implementation

The 2017 Parking Study included several recommended strategies for improving parking management and access to the downtown area (see Figure 7). A review and summary of the recommendations from the 2017 Parking Study will be completed early in the project to inform discussions with stakeholders about potential solutions. The Strategies Report from the 2017 Parking Study identifies potential revenue and expenditures for implementation which will be reviewed and updated as part of the JCTP.



Figure 7. Parking Strategies from the 2017 Parking Study

source: City of Bremerton, 2017

TRAVEL TIME ANALYSIS

Travel Time (General Purpose Traffic)

Existing travel time for general purpose traffic will be calculated using a combination of model data (existing intersection delay and travel speeds between intersections), data from Google maps, and existing Wi-Fi travel time data for several routes collected by the City in January 2018. Given the change in traffic patterns during the 2020-2021 COVID pandemic, 2019 travel time data from Google will be used.

Future travel times will be calculated using a combination of existing travel times and changes to intersection delay and speeds in the Synchro and SIDRA models. SimTraffic software is not anticipated to be used during the travel time analysis for existing or future conditions.

Travel Time (Transit)

Travel time for transit can be calculated from intersection delay, travel speeds between intersections, dwell time at stops, and average on-time performance data. Intersection delay will be pulled from Synchro and will be dependent on if a bus is using a general-purpose travel lane or a dedicated lane, such as a business access and transit (BAT) or HOV lane. Any proposed BAT lanes or HOV lanes will be modeled in Synchro using a lane utilization factor that will be calculated based on estimated transit and/or HOV volumes. Any proposed queue jumps will also be modeled in Synchro as a separate signal phase. Dwell time, for both in-lane stops and pullouts, and average on-time performance data (or estimates) will be provided by Kitsap Transit.

Travel Time Reliability

Travel time reliability is a significant aspect of transportation system performance. Because of the extra time required in planning trips—and the uncertainty about what travel times will actually be for a trip—reliability influences decisions about where, when, and how travel is made. Travel time reliability is influenced by fluctuations in demand, physical capacity of the roadways system, traffic control device operations, traffic incidents, inclement weather and work zones.

Travel time reliability will be calculated by estimating the average Travel Time Index (TTI_{mean}). TTI_{mean} is the ratio of the average travel time in peak period vs free flow travel time. (e.g., TTI of 1.2 = average congestion is 20% higher than free flow trip).

The calculations will follow the methodology laid out in *Incorporating Reliability Performance Measures into the Transportation Planning and Programming Processes: Technical Reference (2014)* The National Academies Press. The methodology is based on free-flow speeds, average travel time data, and an estimate of delay (both recurring and nonrecurring delay). Recurring delay is a function of free flow speed and actual speed. Non-recurring (or incident) delay was estimated using lookup tables from the ITS Deployment Analysis System (IDAS) tool developed by the FHWA. The IDAS look up tables containing the anticipated amount of incident-related delay that would be encountered per vehicle-miles traveled (VMT) on the link. The data are stratified by volume to capacity (V/C) ratio (the higher the V/C ratio, the higher the anticipated amount of incident-related delay per VMT) and by the number of lanes on the facility (increases in the number of lanes generally brings about lower anticipated amounts of incident-related delay).

PERSON MOBILITY

Person mobility will be calculated for both GP traffic and transit. For this study, person mobility will be represented by person hours of delay, or the number of persons multiplied by the difference between the free flow travel time and the alternative travel time, along the travel time corridors. Recent fixed-route bus and worker/driver bus ridership data provided by Kitsap Transit will be used to estimate person mobility for existing conditions. Forecasted ridership data for Kitsap Transit will be used to estimate future person mobility for transit. Future transit ridership will be provided by Kitsap Transit and based on their long-range plan.

For the Build alternatives, future transit ridership will be estimated based on the estimated parking diversion discussed above. For the Support Parking and Add Base Parking alternatives, the transit ridership will match No Build conditions. For the Relocate Parking alternative, the total number of diverted NBK-BR employees will be assigned to various fixed-route and worker/driver bus routes along the three major corridors in/out of downtown: Charleston Blvd, SR 303, and Kitsap Way.

Person mobility of vehicles will assume an average vehicle occupancy (AVO) of 1.12 passengers per car on each segment to determine the total number of people traveling. PSRC's Transportation 2040 FEIS shows the AVO in the region was 1.6 in 2006 and is estimated to remain stable out to 2040. Data from the public survey and WSDOT CTR was used to modify the AVO to 1.12 to be used in the No Build and Build Alternative analysis.

PARK-AND-RIDE USAGE

Park-and-ride utilization rates will be based on data received from Kitsap Transit for 2017-2019.

Appendix E

Existing and Future No Build Traffic Analysis Results



Joint Compatibility Transportation Plan
Traffic Operations Results

ID	Intersection Name	Intersection Control	Standard	Existing 2020 Level of Service				No Build 2050 Level of Service				
				AM Peak		PM Peak		AM Peak		PM Peak		
				LOS	Delay (s)	LOS	Delay (s)	LOS	Delay (s)	v/c ratio	LOS	Delay (s)
2	Auto Center Way/SR 3 SB Off-Ramp at Kitsap Way (SR 310)	Signalized	D	D	46	E	69	D	51		E	70
3	SR 3 NB Ramps at Kitsap Way (SR 310)	Signalized	D	A	9	D	36	A	9		C	35
4	Shorewood Dr at Kitsap Way (SR 310)	Signalized	D	A	5	B	10	A	6		B	12
5	Ostrich Bay Ave at Kitsap Way (SR 310)	Signalized	D	B	13	D	47	B	13		D	45
6	Oyster Bay Ave at Kitsap Way (SR 310)	Signalized	D	A	2	A	4	A	2		A	3
7	National Ave at Kitsap Way (SR 310)	Signalized	D	C	22	D	54	F	80		D	53
8	Marine Dr at Kitsap Way (SR 310)	Signalized	D	F	80	E	75	F	110		F	88
10	11th St at Kitsap Way (SR 310)	Signalized	D	A	8	D	38	A	8		E	61
11	Wycoff Ave at Kitsap Way (SR 310)	Signalized	D	A	7	A	6	A	8		A	6
12	N Callow Ave at Kitsap Way (SR 310)/6th St (SR 310)	Signalized	D	B	10	B	16	B	11		B	14
13	N Montgomery Ave at 6th St (SR 310)	Signalized	D	A	2	B	16	A	3		B	17
14	Naval Ave at 6th St	Signalized	E	B	18	C	24	C	21		C	28
16	Veneta Ave at 6th St	Signalized	E	A	5	A	8	A	6		A	9
17	Warren Ave (SR 303) at 6th St	Signalized	E	C	35	D	50	D	51		E	73
18	Park Ave at 6th St	Signalized	E	B	11	B	13	B	12		C	29
19	Pacific Ave at 6th Street	Unsignalized	E	B	13	C	20	C	20		F	58
20	Washington Ave at 6th St	Signalized	E	A	10	B	20	C	32		C	25
21	Warren Ave (SR 303) at Burwell St (SR 304)	Signalized	D	D	39	C	27	D	46		D	44
22	Warren Ave (SR 303) at 11th St	Signalized	E	D	50	F	88	D	44		E	78
23	Warren Ave (SR 303) at 13th St	Signalized	E	A	7	B	19	A	5		D	36
24	Warren Ave (SR 303) at 16th St	Signalized	E	B	13	B	13	B	17		B	17
25	Wheaton Way (SR 303) at Sheridan Rd	Signalized	E	C	30	D	46	D	41		F	93
26	Wheaton Way (SR 303) at Sylvan Way	Signalized	E	B	17	C	32	C	22		C	31
27	Wheaton Way (SR 303) at Hollis St	Signalized	E	A	4	A	10	A	4		B	12
28	Wheaton Way (SR 303) at NE Ridell Rd	Signalized	E	C	30	C	34	C	25		D	41
29	Wheaton Way (SR 303) at NE Furness Ln	Signalized	E	B	14	C	28	B	14		D	46
30	N Callow Ave at 11th St	Signalized	E	A	9	B	14	C	25		C	24
31	Naval Ave at 11th St	Signalized	E	A	9	C	21	C	21		C	26
32	High Ave at 11th St	Signalized	E	B	18	B	12	C	21		B	19
33	Park Ave at 11th St	Signalized	E	A	8	C	21	A	9		D	43
34	Washington Ave at Manette Bridge	Signalized	E	F	214	E	64			0.86		1.34
35	N Callow Ave at Burwell St (SR 304)	Signalized	D	B	19	C	23	B	19		C	25
36	N Montgomery Ave at Burwell St (SR 304)	Signalized	D	B	12	B	20	A	9		B	20
37	Naval Ave at Burwell St (SR 304)	Signalized	D	C	31	D	37	D	41		E	55
38	State Ave at Burwell St (SR 304)	Signalized	D	A	10	B	11	A	5		A	7
40	Park Ave at Burwell St (SR 304)	Signalized	D	A	3	A	6	A	4		A	9
41	Burwell St (SR 304) Tunnel	Signalized	D	A	6	A	7	A	6		A	9
42	Pacific Ave at Burwell St (SR 304)	Signalized	D	B	12	A	9	C	23		B	10
43	Washington Ave at Burwell St (SR 304)	Signalized	D	A	10	B	12	B	19		C	26
44	Charleston Blvd (SR 304) at S Cambrian Ave/Farragut Ave	Signalized	D	C	29	C	35	C	29		D	38
45	Charleston Blvd (SR 304) at Charleston Beach Rd	Signalized	D	C	28	D	45	C	29		D	47
46	Union Ave/Auto Center Blvd at Werner Rd	Signalized	E	B	11	B	18	B	12		B	20
47	Oyster Bay Ave/Auto Center Way at Werner Rd/Loxie Eagans Blvd	Signalized	E	A	9	B	14	A	9		B	15
48	National Ave at Loxie Eagans Blvd	Signalized	E	B	20	F	83	C	22		F	105
93	Austin Dr at SR 3 NB Ramps	Signalized	D	A	7	A	8	A	7		B	12
94	Austin Dr at SR 3 SB Ramps	Unsignalized	D	B	14	D	28	C	19		F	178
104	SR 3 SB Ramps at Loxie Eagans Blvd	Unsignalized	D	F	82	F	508	F	179		F	1537
105	SR 3 NB Ramps at Loxie Eagans Blvd	Signalized	D	A	8	A	8	A	8		A	9
135	Chester Ave at Burwell St (SR 304)	Unsignalized	D	D	29	E	43	E	44		F	110
202	SR 16 Spur/Sam Christopherson Dr at SR 3	Signalized	D	C	26	D	41	F	142		F	173
216	SR 3 at Imperial Way	Signalized	D	A	9	B	11	F	365		F	246
307	Naval St at 15th St	Signalized	E	A	6	A	6	C	20		B	19
316	Park Ave at 5th St	Unsignalized	E	B	12	B	10	C	16		B	13
317	Park Ave at 4th St	Unsignalized	E	A	8	A	9	A	8		B	10
318	Pacific Avenue at 5th St	Unsignalized	E	A	10	B	11	B	12		B	14
319	Pacific Avenue at 4th St	Unsignalized	E	A	9	A	8	B	11		A	9
400	Warren Ave (SR 303) at 5th St	Unsignalized	E	B	11	B	14	B	12		B	11
401	Warren Ave (SR 303) at 4th St	Unsignalized	E	B	11	B	13	B	13		C	16
402	Naval Gate	Signalized	F	F	153	F	584	F	153		F	584
403	Montgomery Gate	Signalized	F	F	414	F	414	F	414		F	414
404	Charleston Gate	Signalized	F	F	204	F	204	F	204		F	204

Joint Compatibility Transportation Plan
Traffic Operations Results

ID	Intersection Name	Intersection Control	Existing 2020											
			95th Percentile Queue Rounded (ft)											
			AM Peak											
EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR			
2	Auto Center Way/SR 3 SB Off-Ramp at Kitsap Way (SR 310)	Signalized		# 275	75	100	75		50	75		475	500	
3	SR 3 NB Ramps at Kitsap Way (SR 310)	Signalized	m 25	m 300			75	225		50	150			
4	Shorewood Dr at Kitsap Way (SR 310)	Signalized	m 25	250	m 25	m 25	25	m 25					75	
5	Ostrich Bay Ave at Kitsap Way (SR 310)	Signalized	m 25	425	m 25		50	300		75			50	
6	Oyster Bay Ave at Kitsap Way (SR 310)	Signalized		200	m 25		25	75		50	50			
7	National Ave at Kitsap Way (SR 310)	Signalized	m 25	# 750	m 25		150	50		100	100		25	
8	Marine Dr at Kitsap Way (SR 310)	Signalized	m 50	# 900	m 25		50	275		50	50		100 75	
10	11th St at Kitsap Way (SR 310)	Signalized		150	125			100					125	
11	Wycoff Ave at Kitsap Way (SR 310)	Signalized		25	225		m 25	25		50			50	
12	N Callow Ave at Kitsap Way (SR 310)/6th St (SR 310)	Signalized	m 25	350			25	50		75	125		50 175	
13	N Montgomery Ave at 6th St (SR 310)	Signalized	m 25	125			25	50		50			50	
14	Naval Ave at 6th St	Signalized		25	300		75	75		75	50		50 100	
16	Veneta Ave at 6th St	Signalized			75			50			25		25	
17	Warren Ave (SR 303) at 6th St	Signalized		225	# 425		75	125		50	200		75 200	
18	Park Ave at 6th St	Signalized			150	50		75			25		150	
19	Pacific Ave at 6th Street	Unsignalized												
20	Washington Ave at 6th St	Signalized		75						25	50		225	
21	Warren Ave (SR 303) at Burwell St (SR 304)	Signalized			# 475			200	25		50		225 50	
22	Warren Ave (SR 303) at 11th St	Signalized		275	175			150		m 25	m 225		m 25 275 25	
23	Warren Ave (SR 303) at 13th St	Signalized			200			50			100			
24	Warren Ave (SR 303) at 16th St	Signalized		50						250	75		450 50	
25	Wheaton Way (SR 303) at Sheridan Rd	Signalized		75	75	75		150	150	25	125	375	50 # 325 500	
26	Wheaton Way (SR 303) at Sylvan Way	Signalized		125	125	75		150	100	50	m 25	400	m 25 25 75	
27	Wheaton Way (SR 303) at Hollis St	Signalized						50		m 25	425		m 25 250	
28	Wheaton Way (SR 303) at NE Riddell Rd	Signalized		175	75	75		75	75	50	125	325	50 200 25	
29	Wheaton Way (SR 303) at NE Furney Ln	Signalized			50				100	m 50	150	m 25	75 325	
30	N Callow Ave at 11th St	Signalized			275			25	25		25	25	50 75	
31	Naval Ave at 11th St	Signalized	m 25	50			75	50		50	50		100	
32	High Ave at 11th St	Signalized		25	150			25	175		25	25	50 50	
33	Park Ave at 11th St	Signalized		25	75	25		25	100			25	75	
34	Washington Ave at Manette Bridge	Signalized					# 600		125		150		100 50	
35	N Callow Ave at Burwell St (SR 304)	Signalized			175			225	175		150	250	175	
36	N Montgomery Ave at Burwell St (SR 304)	Signalized			300				100		25		250	
37	Naval Ave at Burwell St (SR 304)	Signalized		200	750			325	200		150	125	150 350	
38	State Ave at Burwell St (SR 304)	Signalized			150				175		100		100	
40	Park Ave at Burwell St (SR 304)	Signalized			75				50				50	
41	Burwell St (SR 304) Tunnel	Signalized							25					
42	Pacific Ave at Burwell St (SR 304)	Signalized			150	200			175				225	
43	Washington Ave at Burwell St (SR 304)	Signalized			100				25		75		25	
44	Charleston Blvd (SR 304) at S Cambrian Ave/Farragut Ave	Signalized		75	# 350			150	100	50	50	600	175 225	
45	Charleston Blvd (SR 304) at Charleston Beach Rd	Signalized			# 400			25	50		25	750	125 175 125	
46	Union Ave/Auto Center Blvd at Werner Rd	Signalized		25	50			50	100		25	50	25 50 25	
47	Oyster Bay Ave/Auto Center Way at Werner Rd/Loxie Eagans Blvd	Signalized		25	75			100	75	50	25	50	50 25	
48	National Ave at Loxie Eagans Blvd	Signalized		# 250	100			25	75			100	50 75	
93	Austin Dr at SR 3 NB Ramps	Signalized						50	50		50		75	
94	Austin Dr at SR 3 SB Ramps	Unsignalized												
104	SR 3 SB Ramps at Loxie Eagans Blvd	Unsignalized												
105	SR 3 NB Ramps at Loxie Eagans Blvd	Signalized			125				75		175	50		
135	Chester Ave at Burwell St (SR 304)	Unsignalized												
202	SR 16 Spur/Sam Christopherson Dr at SR 3	Signalized		25	# 1,075	150		25	275		275	150	175 150	
216	SR 3 at Imperial Way	Signalized			75				25		50	# 600	25 150	
307	Naval St at 15th St	Signalized			25				25			25	25	
316	Park Ave at 5th St	Unsignalized												
317	Park Ave at 4th St	Unsignalized												
318	Pacific Avenue at 5th St	Unsignalized												
319	Pacific Avenue at 4th St	Unsignalized												
400	Warren Ave (SR 303) at 5th St	Unsignalized												
401	Warren Ave (SR 303) at 4th St	Unsignalized												
402	Naval Gate	Signalized									# 50		# 80	
403	Montgomery Gate	Signalized											# 150	
404	Charleston Gate	Signalized			# 100				25					

Joint Compatibility Transportation Plan
Traffic Operations Results

ID	Intersection Name	Intersection Control	Existing 2020											
			95th Percentile Queue Rounded (ft)											
			PM Peak											
			EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
2	Auto Center Way/SR 3 SB Off-Ramp at Kitsap Way (SR 310)	Signalized		300	250	300	225		175		125	# 825	# 825	
3	SR 3 NB Ramps at Kitsap Way (SR 310)	Signalized	m 75	275			100	550		150	150			
4	Shorewood Dr at Kitsap Way (SR 310)	Signalized	75	325	75	m 25	m 900	m 25					150	25
5	Ostrich Bay Ave at Kitsap Way (SR 310)	Signalized	m 25	575	25	m 50	875		# 575	75			50	
6	Oyster Bay Ave at Kitsap Way (SR 310)	Signalized		325	25	m 25	725		125		50			
7	National Ave at Kitsap Way (SR 310)	Signalized	m 25	425	50	m 400	m 1,475			# 275	125		50	
8	Marine Dr at Kitsap Way (SR 310)	Signalized	# 425	400	m 50	100	# 1,750	50	225	125	75	200	# 225	
10	11th St at Kitsap Way (SR 310)	Signalized	# 450	125			# 500							100
11	Wycoff Ave at Kitsap Way (SR 310)	Signalized	25	100		m 75	200			100			75	
12	N Callow Ave at Kitsap Way (SR 310)/6th St (SR 310)	Signalized	25	200		m 50	525		# 175	250		75	200	
13	N Montgomery Ave at 6th St (SR 310)	Signalized	m 25	75		50	425			# 450			25	
14	Naval Ave at 6th St	Signalized	50	200		125	425		275	# 325		50	75	
16	Veneta Ave at 6th St	Signalized		100			225			100			50	
17	Warren Ave (SR 303) at 6th St	Signalized	350	300		125	# 500		# 375	375		m 25	25	
18	Park Ave at 6th St	Signalized		125	25		225			# 400			75	
19	Pacific Ave at 6th Street	Unsignalized												
20	Washington Ave at 6th St	Signalized	275						100	300			150	
21	Warren Ave (SR 303) at Burwell St (SR 304)	Signalized		450			375	50		50			125	50
22	Warren Ave (SR 303) at 11th St	Signalized	# 675	250			# 550		m 100	# 800		m 100	m 375	m 75
23	Warren Ave (SR 303) at 13th St	Signalized		# 450			75			m 325			100	
24	Warren Ave (SR 303) at 16th St	Signalized	125						m 150	450			475	50
25	Wheaton Way (SR 303) at Sheridan Rd	Signalized	125	100	100	250	250	100	# 425	1,250	125	325	375	
26	Wheaton Way (SR 303) at Sylvan Way	Signalized	200	175	75	# 250	# 225	100	m 75	500	m 75	75	525	
27	Wheaton Way (SR 303) at Hollis St	Signalized				150		50	m 25	150		m 75	375	
28	Wheaton Way (SR 303) at NE Riddell Rd	Signalized	# 300	175	75	# 250	250	75	75	950		m 175	425	m 75
29	Wheaton Way (SR 303) at NE Furness Ln	Signalized		100	25		275	25	m 75	400	m 50	# 400	500	25
30	N Callow Ave at 11th St	Signalized		m 75		m 25	25		# 125	125	50	50	125	
31	Naval Ave at 11th St	Signalized	m 50	150		m 75	425		# 150	125	100		125	
32	High Ave at 11th St	Signalized	m 25	175		25	400		50	75		75	75	
33	Park Ave at 11th St	Signalized	50	150	25	25	350		# 375	25		75	25	25
34	Washington Ave at Manette Bridge	Signalized				275		125		# 875		# 475	25	
35	N Callow Ave at Burwell St (SR 304)	Signalized		75		# 700	# 675			275	100		150	
36	N Montgomery Ave at Burwell St (SR 304)	Signalized		300			# 425			# 425			50	
37	Naval Ave at Burwell St (SR 304)	Signalized	# 500	375		125	600		300	450		125	200	
38	State Ave at Burwell St (SR 304)	Signalized		150			400			150			75	
40	Park Ave at Burwell St (SR 304)	Signalized		75			75					75		
41	Burwell St (SR 304) Tunnel	Signalized					25							25
42	Pacific Ave at Burwell St (SR 304)	Signalized		100	50		150						100	
43	Washington Ave at Burwell St (SR 304)	Signalized		175			50			125			50	
44	Charleston Blvd (SR 304) at S Cambrian Ave/Farragut Ave	Signalized	100	125	25	# 375	225	75	50	275		# 275	450	
45	Charleston Blvd (SR 304) at Charleston Beach Rd	Signalized		# 250		575	550		75	450		50	925	
46	Union Ave/Auto Center Blvd at Werner Rd	Signalized	25	100		# 450	75		25	50	50	125	175	
47	Oyster Bay Ave/Auto Center Way at Werner Rd/Loxie Eagans Blvd	Signalized	50	175		175	225	75	50	100		175	75	
48	National Ave at Loxie Eagans Blvd	Signalized	# 375	75		50	300			# 300			125	# 300
93	Austin Dr at SR 3 NB Ramps	Signalized					75	50		75			175	
94	Austin Dr at SR 3 SB Ramps	Unsignalized												
104	SR 3 SB Ramps at Loxie Eagans Blvd	Unsignalized												
105	SR 3 NB Ramps at Loxie Eagans Blvd	Signalized		125			250			150	50			
135	Chester Ave at Burwell St (SR 304)	Unsignalized												
202	SR 16 Spur/Sam Christopherson Dr at SR 3	Signalized	25	# 750	200	75	725		# 475	200		200	# 625	
216	SR 3 at Imperial Way	Signalized		125			50		25	275		25	# 425	
307	Naval St at 15th St	Signalized		50			50			50			25	
316	Park Ave at 5th St	Unsignalized												
317	Park Ave at 4th St	Unsignalized												
318	Pacific Avenue at 5th St	Unsignalized												
319	Pacific Avenue at 4th St	Unsignalized												
400	Warren Ave (SR 303) at 5th St	Unsignalized												
401	Warren Ave (SR 303) at 4th St	Unsignalized												
402	Naval Gate	Signalized								# 200			25	
403	Montgomery Gate	Signalized								# 150				
404	Charleston Gate	Signalized		25			# 100							

Joint Compatibility Transportation Plan
Traffic Operations Results

ID	Intersection Name	Intersection Control	No Build 2050											
			95th Percentile Queue Rounded (ft)											
			AM Peak											
			EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
2	Auto Center Way/SR 3 SB Off-Ramp at Kitsap Way (SR 310)	Signalized		# 300	75	100	100		50		75	# 575	# 550	
3	SR 3 NB Ramps at Kitsap Way (SR 310)	Signalized	m 0	m 225			75	175		50	# 250			
4	Shorewood Dr at Kitsap Way (SR 310)	Signalized	m 25	350	m 25	m 25	25						75	
5	Ostrich Bay Ave at Kitsap Way (SR 310)	Signalized	m 25	375	m 0	50	325			75			50	
6	Oyster Bay Ave at Kitsap Way (SR 310)	Signalized		250	m 25	25	100		50		50			
7	National Ave at Kitsap Way (SR 310)	Signalized	m 25	# 875	m 25	150	50			100	125			25
8	Marine Dr at Kitsap Way (SR 310)	Signalized	m 50	# 1,050	m 0	50	275		50	50		100	75	
10	11th St at Kitsap Way (SR 310)	Signalized		175	150		100							25
11	Wycoff Ave at Kitsap Way (SR 310)	Signalized		25	275		25			75				50
12	N Callow Ave at Kitsap Way (SR 310)/6th St (SR 310)	Signalized	m 25	# 625		75	50		75	150		50	175	
13	N Montgomery Ave at 6th St (SR 310)	Signalized	m 0	50		25	50			75			25	
14	Naval Ave at 6th St	Signalized		25	475	150	100		125	100	75	50	225	
16	Veneta Ave at 6th St	Signalized			100		50			50			50	
17	Warren Ave (SR 303) at 6th St	Signalized		225	# 425	75	150		m 25	m 225		50	425	
18	Park Ave at 6th St	Signalized			225	100		100		25			175	
19	Pacific Ave at 6th Street	Unsignalized												
20	Washington Ave at 6th St	Signalized		75					25	75				525
21	Warren Ave (SR 303) at Burwell St (SR 304)	Signalized			# 575		# 325	25		50			n# 425	200
22	Warren Ave (SR 303) at 11th St	Signalized		350	225		200		m 25	m 225		m 25	300	400
23	Warren Ave (SR 303) at 13th St	Signalized			225		50			50			25	
24	Warren Ave (SR 303) at 16th St	Signalized		75					# 425	175			575	100
25	Wheaton Way (SR 303) at Sheridan Rd	Signalized		100	100	125	# 225	# 250	75	# 200	650	100	# 400	300
26	Wheaton Way (SR 303) at Sylvan Way	Signalized		175	175	125	225	150	75	m 75	175	m 25	50	475
27	Wheaton Way (SR 303) at Hollis St	Signalized					75		m 25	100		m 25	125	
28	Wheaton Way (SR 303) at NE Riddell Rd	Signalized		250	125	100	100	125	75	75	100		25	175
29	Wheaton Way (SR 303) at NE Furness Ln	Signalized			75			125		m 50	175	m 25	125	525
30	N Callow Ave at 11th St	Signalized		25	225		25	25		25	50	50	50	75
31	Naval Ave at 11th St	Signalized		m 25	75		# 100	100		50	50			125
32	High Ave at 11th St	Signalized		25	50		25	225		25	25		75	75
33	Park Ave at 11th St	Signalized		25	100	25	25	125			50			75
34	Washington Ave at Manette Bridge	Signalized					375		375		75	75	75	75
35	N Callow Ave at Burwell St (SR 304)	Signalized			200		250	225		150	275			175
36	N Montgomery Ave at Burwell St (SR 304)	Signalized			375			125		25				275
37	Naval Ave at Burwell St (SR 304)	Signalized		250	1,050		400	275		175	300		m 200	650
38	State Ave at Burwell St (SR 304)	Signalized			200			225			100			125
40	Park Ave at Burwell St (SR 304)	Signalized			125			50					50	
41	Burwell St (SR 304) Tunnel	Signalized						25						
42	Pacific Ave at Burwell St (SR 304)	Signalized			200	375		# 400						350
43	Washington Ave at Burwell St (SR 304)	Signalized			250			75			125			75
44	Charleston Blvd (SR 304) at S Cambrian Ave/Farragut Ave	Signalized		75	# 375		150	100	50	50	625		175	225
45	Charleston Blvd (SR 304) at Charleston Beach Rd	Signalized			# 400		25	50		25	775	125	175	125
46	Union Ave/Auto Center Blvd at Werner Rd	Signalized		25	50		50	100		25	50	50	50	25
47	Oyster Bay Ave/Auto Center Way at Werner Rd/Loxie Eagans Blvd	Signalized		25	75		125	100	50	25	50		50	25
48	National Ave at Loxie Eagans Blvd	Signalized		# 300	100		25	75			125			50
93	Austin Dr at SR 3 NB Ramps	Signalized						50	50		75			125
94	Austin Dr at SR 3 SB Ramps	Unsignalized												
104	SR 3 SB Ramps at Loxie Eagans Blvd	Unsignalized												
105	SR 3 NB Ramps at Loxie Eagans Blvd	Signalized			150			100			200	50		
135	Chester Ave at Burwell St (SR 304)	Unsignalized												
202	SR 16 Spur/Sam Christopherson Dr at SR 3	Signalized		25	# 1,075	150	25	275		275	150		175	150
216	SR 3 at Imperial Way	Signalized			125			50		100	# 2,075		50	# 675
307	Naval St at 15th St	Signalized			100			75			25			25
316	Park Ave at 5th St	Unsignalized												
317	Park Ave at 4th St	Unsignalized												
318	Pacific Avenue at 5th St	Unsignalized												
319	Pacific Avenue at 4th St	Unsignalized												
400	Warren Ave (SR 303) at 5th St	Unsignalized												
401	Warren Ave (SR 303) at 4th St	Unsignalized												
402	Naval Gate	Signalized								# 50				# 100
403	Montgomery Gate	Signalized												# 150
404	Charleston Gate	Signalized			# 100			25						

Joint Compatibility Transportation Plan
Traffic Operations Results

ID	Intersection Name	Intersection Control	No Build 2050												
			95th Percentile Queue Rounded (ft)												
			PM Peak												
			EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
2	Auto Center Way/SR 3 SB Off-Ramp at Kitsap Way (SR 310)	Signalized		325	275		275	225		175		125	# 875	# 900	
3	SR 3 NB Ramps at Kitsap Way (SR 310)	Signalized	m 75	275			125	# 450		150	175				
4	Shorewood Dr at Kitsap Way (SR 310)	Signalized	m 100	350	75	m 25	m 1,150	m 25					150	25	
5	Ostrich Bay Ave at Kitsap Way (SR 310)	Signalized	m 25	625	25	m 75	# 350			# 600	100		50		
6	Oyster Bay Ave at Kitsap Way (SR 310)	Signalized		200	m 25	m 25	575		125		75				
7	National Ave at Kitsap Way (SR 310)	Signalized	m 25	475	50	m 400	m 1,475			# 275	125		50		
8	Marine Dr at Kitsap Way (SR 310)	Signalized	# 450	450	m 50	100	# 1,975	50	225	125	75	200	# 225		
10	11th St at Kitsap Way (SR 310)	Signalized	# 475	150			# 600							525	
11	Wycoff Ave at Kitsap Way (SR 310)	Signalized	25	125		m 25	125			100			75		
12	N Callow Ave at Kitsap Way (SR 310)/6th St (SR 310)	Signalized	25	250		m 50	# 825		# 175	275		75	225		
13	N Montgomery Ave at 6th St (SR 310)	Signalized	m 25	100		50	525			# 525			25		
14	Naval Ave at 6th St	Signalized	m 75	m 300		150	# 625		m 275	m 450	m 50	50	175		
16	Veneta Ave at 6th St	Signalized		125			300			125			50		
17	Warren Ave (SR 303) at 6th St	Signalized	# 575	# 475		150	# 675		m# 500	325		m 150	# 500		
18	Park Ave at 6th St	Signalized		175	50		# 325			# 600			100		
19	Pacific Ave at 6th Street	Unsignalized													
20	Washington Ave at 6th St	Signalized	# 475						125	675			250		
21	Warren Ave (SR 303) at Burwell St (SR 304)	Signalized		625			525	75		50			m 125	m 125	
22	Warren Ave (SR 303) at 11th St	Signalized	# 875	300			# 725		m 50	m# 875		m# 100	m 400	m# 375	
23	Warren Ave (SR 303) at 13th St	Signalized		# 600			100			m 150			75		
24	Warren Ave (SR 303) at 16th St	Signalized	150						m 125	m 325			700	75	
25	Wheaton Way (SR 303) at Sheridan Rd	Signalized	150	125	100	# 375	# 375	100	# 425	# 1,900	175	m# 525	850		
26	Wheaton Way (SR 303) at Sylvan Way	Signalized	# 300	# 225	100	# 375	# 275	175	m 75	m 100	m 25	m 350	825		
27	Wheaton Way (SR 303) at Hollis St	Signalized				175		50	m 25	150		m 75	750		
28	Wheaton Way (SR 303) at NE Riddell Rd	Signalized	# 450	250	100	# 275	# 375	100	m 200	# 1,650		m 225	825	25	
29	Wheaton Way (SR 303) at NE Furness Ln	Signalized		125	50		# 375	75	m 75	m# 1,400	m 25	# 525	800	25	
30	N Callow Ave at 11th St	Signalized	50	375		m 25	100		125	150	50	75	150		
31	Naval Ave at 11th St	Signalized	m 50	100		m 75	m 425		# 175	150	125		150		
32	High Ave at 11th St	Signalized	m 25	225		25	525		50	75		75	75		
33	Park Ave at 11th St	Signalized	75	175	25	50	450		# 575	25		100	100	25	
34	Washington Ave at Manette Bridge	Signalized				125		125		3,025	3,025	100	100		
35	N Callow Ave at Burwell St (SR 304)	Signalized		75		# 825	# 825		# 325	125			175		
36	N Montgomery Ave at Burwell St (SR 304)	Signalized		# 425			# 575		# 425				75		
37	Naval Ave at Burwell St (SR 304)	Signalized	# 650	600		150	# 1,025		350	# 1,175		m# 200	300	175	
38	State Ave at Burwell St (SR 304)	Signalized		200			600			150			75		
40	Park Ave at Burwell St (SR 304)	Signalized		100			125					125			
41	Burwell St (SR 304) Tunnel	Signalized					50							50	
42	Pacific Ave at Burwell St (SR 304)	Signalized		200	75		350						200		
43	Washington Ave at Burwell St (SR 304)	Signalized		# 475			75			225			50		
44	Charleston Blvd (SR 304) at S Cambrian Ave/Farragut Ave	Signalized	100	125	25	# 400	# 250	75	50	300		# 300	500		
45	Charleston Blvd (SR 304) at Charleston Beach Rd	Signalized		# 275		575	550		75	475		50	# 1,025		
46	Union Ave/Auto Center Blvd at Werner Rd	Signalized	25	100		# 525	75		25	50	50	125	175		
47	Oyster Bay Ave/Auto Center Way at Werner Rd/Loxie Eagans Blvd	Signalized	50	175		200	250	75	50	100		200	75		
48	National Ave at Loxie Eagans Blvd	Signalized	# 400	100		50	325			# 325			125	# 375	
93	Austin Dr at SR 3 NB Ramps	Signalized					75	50		100			# 375		
94	Austin Dr at SR 3 SB Ramps	Unsignalized													
104	SR 3 SB Ramps at Loxie Eagans Blvd	Unsignalized													
105	SR 3 NB Ramps at Loxie Eagans Blvd	Signalized		150			325			150	50				
135	Chester Ave at Burwell St (SR 304)	Unsignalized													
202	SR 16 Spur/Sam Christopherson Dr at SR 3	Signalized	50	# 1,550	575	# 125	# 1,525		# 875	325		# 325	# 1,125	25	
216	SR 3 at Imperial Way	Signalized		# 300	25		75		50	# 1,100		50	# 1,600	25	
307	Naval St at 15th St	Signalized		125			150			75			25		
316	Park Ave at 5th St	Unsignalized													
317	Park Ave at 4th St	Unsignalized													
318	Pacific Avenue at 5th St	Unsignalized													
319	Pacific Avenue at 4th St	Unsignalized													
400	Warren Ave (SR 303) at 5th St	Unsignalized													
401	Warren Ave (SR 303) at 4th St	Unsignalized													
402	Naval Gate	Signalized								# 200			25		
403	Montgomery Gate	Signalized								# 150					
404	Charleston Gate	Signalized		25			# 100								

Appendix F

Existing Economic Assessment



City of Bremerton Joint Compatibility Transportation Plan: Economic and Market Profile

DISCUSSION DRAFT

May 3, 2021

SUMMARY OF FINDINGS

Socioeconomic Profile

Demographics

- The population of the study area has been relatively constant over the past two decades and has remained below growth forecasts, despite land use capacity to accommodate significant numbers of new people.
- Bremerton's growth has not kept pace with surrounding county and regional areas where unprecedented growth has occurred in the past decade. One of the reasons the study area is not reaching its full growth potential is because the housing market has proven to be uncompetitive with surrounding areas.
- The study area has a more diverse population than Kitsap County, but less diverse than the Central Puget Sound Region.
- Residents in the study area are slightly younger than Kitsap County residents. The median age in the City of Bremerton is 33, compared to 39 in Kitsap County, 38 in Snohomish County, and 37 in King County.
- Most study area residents were high school graduates but a smaller share of residents than in Kitsap County and the Central Puget Sound Region have a bachelor's degree or higher.

Industry and Employment

- The study area's economy is heavily dependent on government employment, mostly associated with the presence of NBK-BR. Although this is a high level of dependence on a single sector, military activities related to NBK-BR represent a stable source of employment that has been more resistant to economic downturns.
- Despite government making up the highest share of total employment in Bremerton and experiencing significant growth, there are limitations to accommodating the growth within the study area, for example in the Eastside Village Center. Security requirements limit the amount of office space and other real estate that can be for military activities off-base. This restricts the ability for the private market to take advantage of growth opportunities in this sector.
- Bremerton has seen less employment growth than other urban areas in the county (Port Orchard, Bainbridge Island, and Poulsbo) over the past

several years. Although the City of Bremerton has experienced notable increases in manufacturing employment mostly related to PSIC, employment in other sectors has generally declined in the past decade.

Land Use and Real Estate

Land Use Patterns

- Bremerton has not achieved the level of industrial development that it has thus far planned for outside of Naval Base Kitsap, especially within the PSIC-B, but also in the industrially zoned Werner Road area of the City.
- Much of the City's high-density residential development has occurred in planned for zones along SR-303 north of the Warren Avenue Bridge. These areas lie along the primary northern commuter route to and from NBK-BR and downtown Bremerton.
- To date, the mix of land uses along the SR-303 corridor include significant tracts of vacant land located in areas currently designated District Center. District Center zones are intended as "small downtowns" with moderate to high-density mixed uses at their core, transitioning out to single-family areas.

Real Estate Market

- The study area has a current inventory of 2.1 million square feet (sf) of office space, 3.5 million square feet of retail space, and 5,266 units of multifamily residential as of Q2, 2021. No new construction is currently underway in the office and retail segments, but 176 units of multifamily are under construction in the study area (representing almost two-thirds of all units being built countywide at this moment).
- **Office:** The shift to remote work driven by the Covid-19 pandemic has had less of a negative impact on office segment in Bremerton than in other places in the region. Nevertheless, lease rates and sale prices per square foot for office space remain far below those of the region, and below the average for Kitsap County, indicating continued softness and stagnant demand in this segment.
- **Retail:** The retail submarket has fared somewhat worse. With market rents and sale prices at around half the regional average, this segment also underperforms both the region and the County. The 6.3% vacancy rate is more than double that of the region, and almost double the County rate. This reflects the profound challenges that businesses relying on in-person transactions, including bars, restaurants, gyms, and brick and mortar retailers, have faced throughout this pandemic.
- **Multifamily:** The study area contains 64% of the County's multifamily residential inventory, with 5,266 units in 126 buildings. Most of these buildings are older, with prewar construction in the downtown area, and 70s-80's development elsewhere in the city. Unlike the commercial segments, this segment is delivering new inventory even during the

pandemic period with 176 new units under construction and 238 delivered in the last 12 months.

- Many Bremerton properties, both commercial and residential, suffer from weak “curb appeal” due to several factors including building age and deferred maintenance. Where desirable sites exist, many businesses find it challenging to obtain financing for new construction, expansion, or capital costs.
- Many investors find that new development is often easier and less expensive in unincorporated areas that also have urban services, or where public sewer and water systems are not required, and road and other standards are considerably lower than in urban areas. Those areas are also more likely to have larger vacant parcels available, less expensive land, and occasionally urban services to further stimulate growth.
- While the multifamily residential submarket is one brighter spot for Bremerton, many potential infill sites that could represent opportunities for increased density and newer, more desirable inventory are often stymied by a lack of willingness to convert on the part of property owners. Many of Bremerton's oversized lots and other vacant infill sites are being enjoyed by their owners for yard areas, additional off-street parking, RV storage, or to protect views, for instance.

INTRODUCTION

Background and Purpose

The City of Bremerton and the Naval Base Kitsap-Bremerton (NBK-BR) are partnering through a Department of Defense Office of Economic Adjustment grant to create a comprehensive commuter traffic plan. The Joint Compatibility Transportation Plan will aim to address transportation issues impacting the Bremerton area and ensure NBK-BR meets its missions for national defense while supporting the City's long-range growth needs. The plan will document the specific purpose and need for improvements, develop and screen a range of reasonable alternatives, and identify preferred alternatives for transportation improvements and parking solutions in the study area.

Community Attributes was commissioned to provide an analysis of existing conditions in the study area, assess development suitability and potential and the economic benefits of various land use types with related transportation improvements as defined in the proposed alternatives. The objective of this report is to provide an understanding of current economic conditions, historic growth trends, and real estate market conditions in the study area. Furthermore, the analysis aims to outline the role of NBK-BR in supporting economic activity and competitiveness in the City of Bremerton and region.

Methods

The economic and market profile analysis includes an analysis of current and future land use and analysis of economic and real estate market indicators. Data used in this report are drawn from several sources: existing studies and analysis completed by Community Attributes for the SR 303 Corridor Study and the Joint Land Use Study, and public data sources including City of Bremerton, Puget Sound Regional Council (PSRC), Washington State Office of Financial Management (OFM), Kitsap Economic Development Alliance (KEDA), Kitsap County Assessor's office and CoStar.

Organization of Report

The remainder of this report is organized as follows:

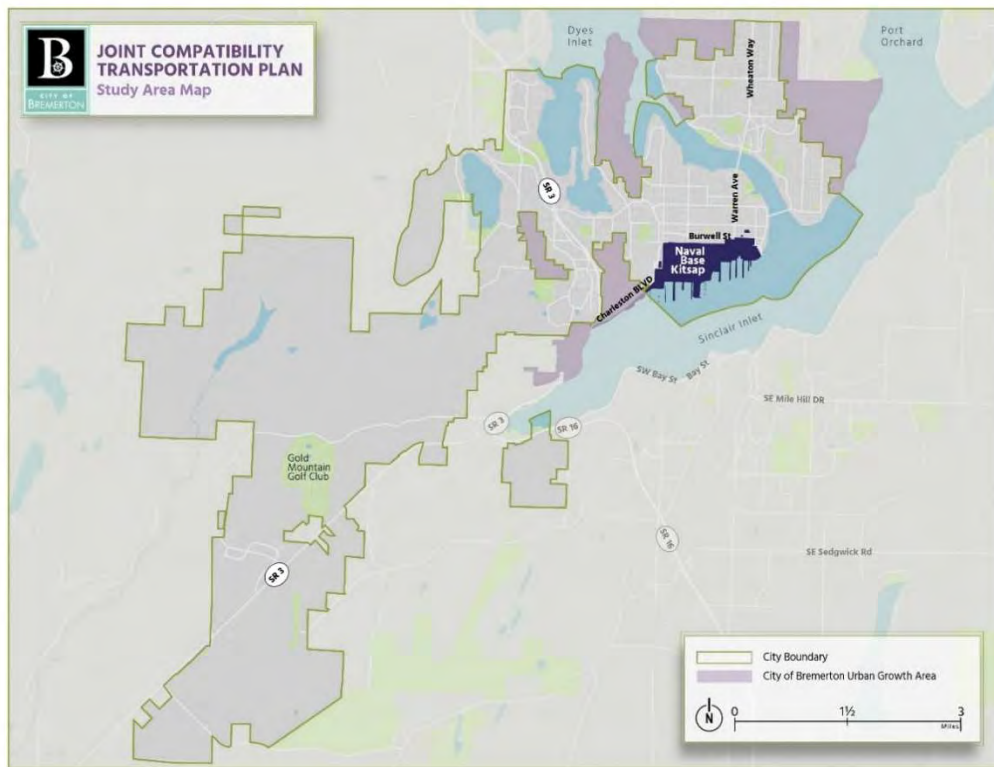
- **Socioeconomic Profile.** Describes the study area current and historic population, including a breakdown by race, age, education and income, and industry and employment. Provides an overview of the importance of NBK to the study area and the region.
- **Land Use and Real Estate.** Provides a summary of land use and real estate metrics for the study area, including vacancy rates, absorption, sales, and lease rates.

SOCIOECONOMIC PROFILE

Study Area

The study area is the City of Bremerton Urban Growth Area (UGA) which includes the City and the City's unincorporated UGAs located outside of current city limits. NBK-BR is located within the study area on the south side of the city of Bremerton, bounded by 1st Street to the north, SR 304 (Charleston Boulevard) to the west, the Bremerton Ferry terminal to the east, and Sinclair Inlet to the south. (**Exhibit 1**).

Exhibit 1. Study Area



Source: Parametrix, 2021.

Naval Base Kitsap-Bremerton

Naval Base Kitsap (NBK) is the largest installation in the Northwest, and the third largest in the U.S. NBK's primary areas of operation include Bangor, Bremerton, and Keyport. A Fiscal Year (FY) 2017 Economic Impact Assessment (EIA) of Naval Base Kitsap found that the Navy contributed \$4 billion in industry output and payroll expenditures to the Kitsap County region, employed more than 45,500 workers, and generated \$129 million in state and local tax revenues.

NBK-BR encompasses approximately 400 acres of land, 400 acres of submerged marine Right to Use lands, 3.4 miles of shoreline, 382 buildings, and six dry docks for wet or dry berthing of all sizes and classes of vessels. The eastern portion of the naval base is a fenced, high-security area known as the Controlled Industrial Area. The Puget Sound Naval Shipyard and Intermediate Maintenance Facility (PSNS and IMF) is the major tenant command on NBK-BR.

NBK-BR contributes to the local and regional economy through significant military expenditures, providing good-paying jobs and job training and education opportunities for people in specialized trades, as well as demand for housing and consumer products. According to a study on the economic impact of military and defense contract spending¹ completed by Community Attributes for Washington State Department of Commerce, the total statewide economic impact of defense contracts associated with NBK-BR was \$278.6 million in output, \$92.9 million in wages and approximately 1,500 jobs (2017 to 2019 annual average). Roughly 75% of the impact occurs in Kitsap.

Navy spending in the region has been a stable source of economic stimulus and has served as an economic “shock absorber” which has minimized the impacts of economic downturns. The City of Bremerton’s 2019 Market Analysis² commissioned to study the Eastside Village Employment Center highlights other long-term economic development considerations of NBK-BR:

- As the Puget Sound Naval Shipyard is being modernized through a 20-year, \$21 billion plan covering all four public major shipyards, space constraints remain for NBK-BR. Directives from the Department of Defense restrict the use of leased office space and other real estate for military use outside of government facilities. This limits the ability for the private market to take advantage of NBK’s growth opportunities.
- While NBK-BR require private contractors for key functions and expertise, the technical and professional workers employed but these contractors may not live or work in Bremerton. Contracts are awarded on a performance basis nationwide and the office and facility needs of contractors may be fulfilled on NBK-BR or in other locations. Attracting these workers to the city in the future would require a long-term effort and investment in building local quality of life.

¹ This includes all contracts and grants with the Department of Defense contracts and Department of Homeland Security contracts and grants for Coast Guard activities.

² *Bremerton Eastside Employment Center Economic and Market Analysis Report*, City of Bremerton, November 2019.

<https://www.bremertonwa.gov/DocumentCenter/View/8477/Eastside-Village-Market-Study-PDF>

Demographics

Population

The total population in the study area was 51,100 people in 2020, with 82% of the population within the City of Bremerton (**Exhibit 2**). This represents almost 19% of the total population in Kitsap County. Between 2000 and 2020, population in the study area grew at an average annual rate of 0.5%, which is an insignificant increase given the regular fluctuations in the military population of two to three thousand people, due to arrival and departure of NBK-BR personnel. This is consistent with the trend observed even before 2000 – the City’s decennial census reports from 1970 to 2010 show a negligible increase of less than 2,500 people³.

Exhibit 2. Study Area Population, 2000 – 2020



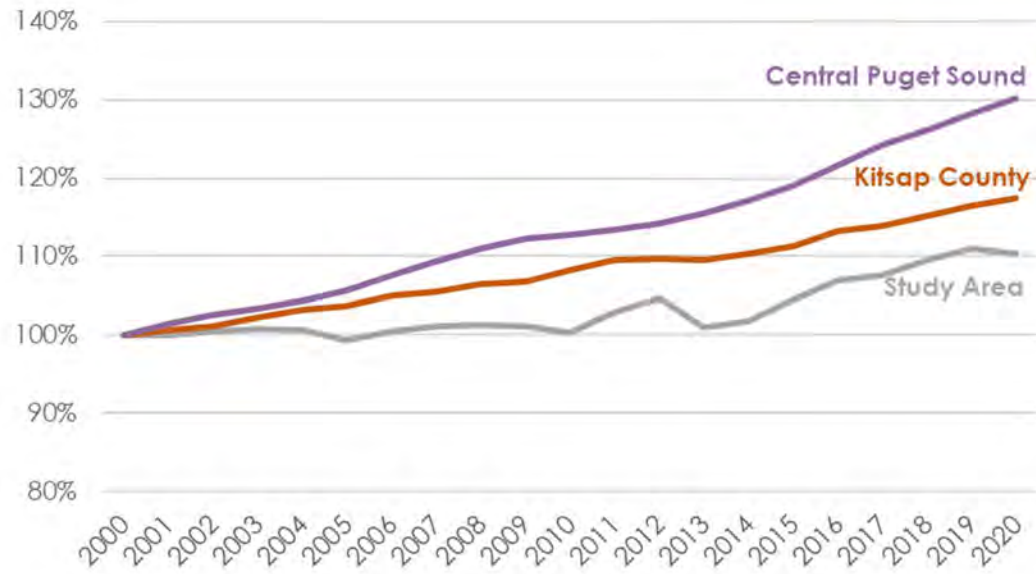
Sources: Office of Financial Management, 20201; Community Attributes, 2021.

Bremerton’s growth has not kept pace with surrounding county and regional areas where unprecedented growth has occurred in the past decade. The City of Bremerton’s share of the County’s total population has also decreased overtime, from 25% in 1980 to 15% in 2020. Comparatively, the County and the Central Puget Sound Region (King, Snohomish, Pierce, and Kitsap County) have experienced significant population growth since 2000. During the past twenty years, Kitsap County population increased from 232,000 in 2000 to more than 272,000 in 2020, an increase of 17%. The region’s

³ City of Bremerton Comprehensive Plan, Housing Appendix, 2016.
<https://www.bremertonwa.gov/DocumentCenter/View/169/Housing-Appendix-PDF?bidId=>

population went from 3.3 million to 4.3 million in the same period, representing an increase of 30%. (**Exhibit 3**)

Exhibit 3. Study Area and Regional Population Growth, 2000 – 2020



Sources: Office of Financial Management, 2021; Community Attributes, 2021.

Over the past 40 years, the study area’s lack of population growth despite land use capacity eludes both past and current growth forecasts for the City. The City’s 2016 Comprehensive Plan suggests that the study area population will grow to 66,900 by 2036, which indicates a need to accommodate an additional 15,800 people over the 2020-2036 period. This would be an increase of roughly 31%, which is much higher than the historic rate of 10% over the 2004-2020 period. (**Exhibit 4**)

Exhibit 4. Study Area Historic and Projected Population

Year	City of Bremerton	Unincorporated UGA	Total Study Area
2012	39,700	9,100	48,800
2015	39,400	9,600	49,000
2021	43,000	10,600	53,600
2036	53,400	13,500	66,900

Sources: City of Kirkland, 2016; Community Attributes, 2021.

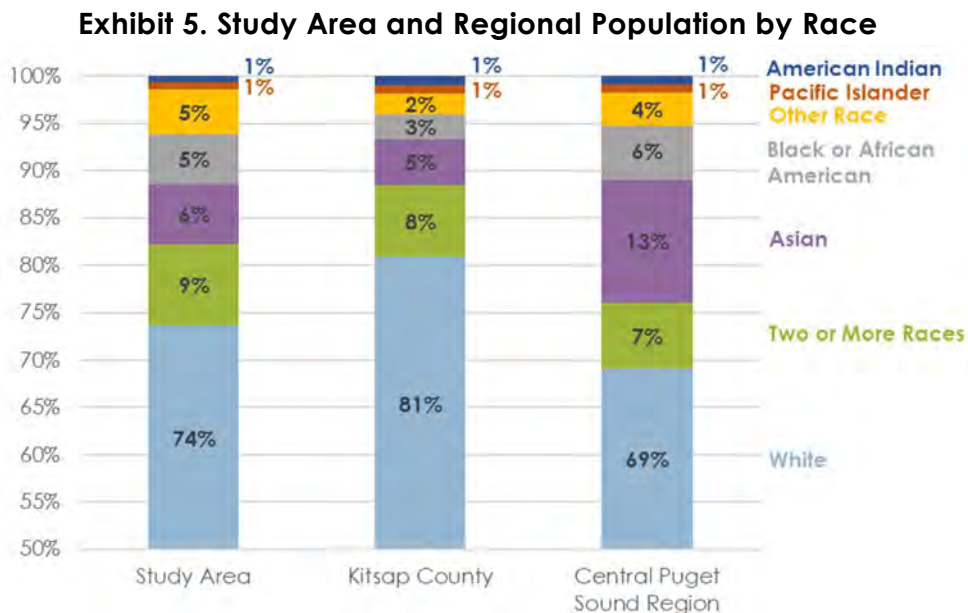
Alternate population projections from PSRC’s VISION 2050 suggest that growth in the study area, which is designated as a “Metropolitan City”, would add 33,000 new residents by 2050. This would be a 66% increase over the 2017 population of the study area and would represent significant growth rivalling the population increase seen in Bremerton and surrounding UGA in the post-war era.

One possible reason for the area’s stagnant population is revealed in the Housing Element of the City of Bremerton’s Comprehensive Plan. The Plan mentions that current conditions in the housing market are in large part responsible for the City’s lack of growth:

- Supply side factors include the high cost of redeveloping existing city lots compared to the abundance of undeveloped parcels or new development opportunities in Kitsap County; Bremerton does not have as many green field or empty canvas opportunities as are available in other parts of the County which often represent a less complicated site development than infill typically requires.
- In terms of demand, Bremerton’s existing housing stock, dating back to the previous growth periods of the 1940s and 1960s, fails to address the local needs for housing types. The City has experienced substantial growth in senior citizens, singles (non-Married, no children), and single parent households, which puts pressure on the housing market to provide a variety of housing types.

Race and Ethnicity

In 2019, there were 2.8 more White residents in the study area than any other race or ethnicity. Roughly 9% of the total population in the study area have two or more races. The study area has a more diverse population than Kitsap County, with higher shares of people of two or more races, Asians, Black or African Americans, and people of another race. However, the study area has less diversity than the region. White people constitute 74% of the population in Bremerton UGA, compared to 69% of the population in the Central Puget Sound Region. (Exhibit 5)

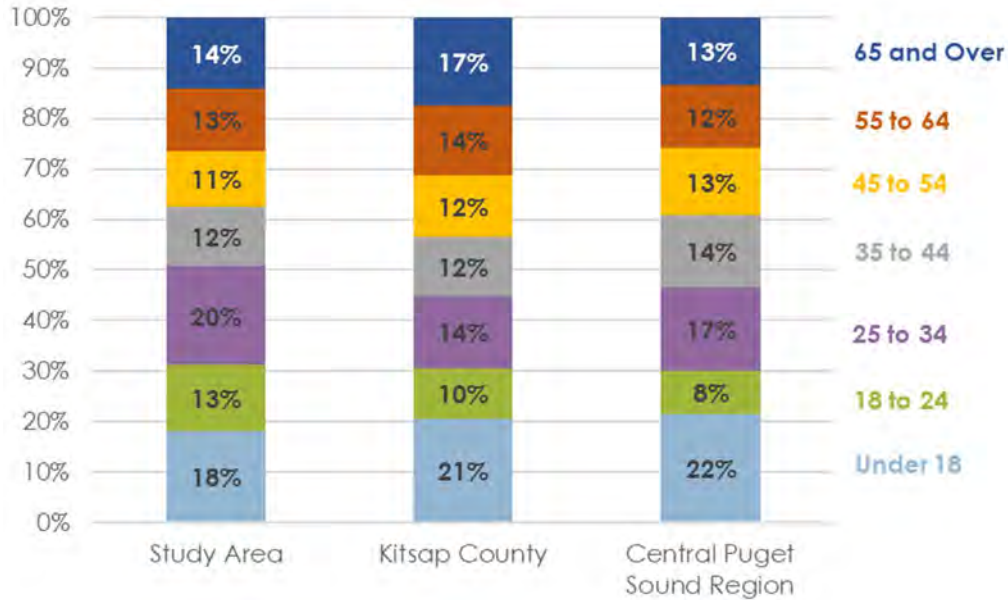


Sources: United States Census Bureau, 2021; Community Attributes, 2021.

Age

The study area has a younger population than Kitsap County, with more residents in the 18 to 34 age range. The median age in the City of Bremerton is 33 according to U.S. Census Bureau American Community Survey data for 2019 (5-Year Estimates), compared to 39 in Kitsap County, 38 in Snohomish County, and 37 in King County. (**Exhibit 6**)

Exhibit 6. Study Area and Regional Population by Age



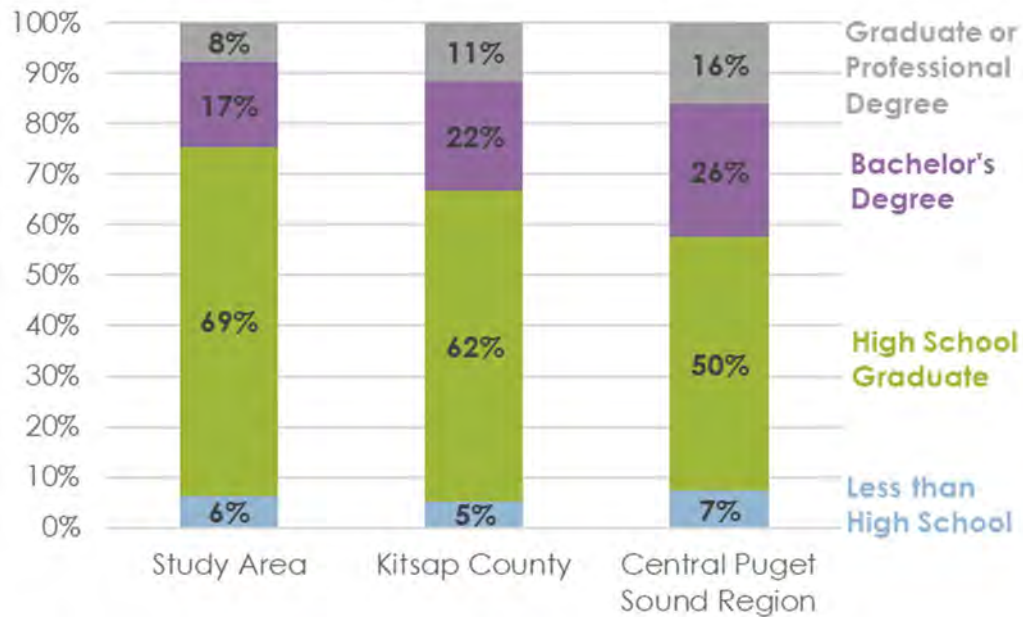
Sources: United States Census Bureau, 2021; Community Attributes, 2021.

Education

Roughly 69% of study area residents age 25 and older were high school graduates, compared to 62% for Kitsap County and 50% for the region. Residents with a bachelor's degree or higher made up 25% of study area residents age 25 and older, significantly less than Kitsap County's 33% and 42% in the Central Puget Sound Region. (**Exhibit 7**)

Olympic College in Bremerton has contributed to the increasing number of individuals obtaining Associate and bachelor's degrees in the study area as well as accessibility to workforce development and technical training. The College offers associate degrees and certificates, as well as four-year degrees from both Western Washington University and Washington State University. The College has been growing and one of the most recent investments into the Campus was the Olympic College Instruction Center (CIC) which hosts the college's health occupations programs and the Fine Arts, Music and Theater programs.

Exhibit 7. Study Area and Regional Educational Attainment

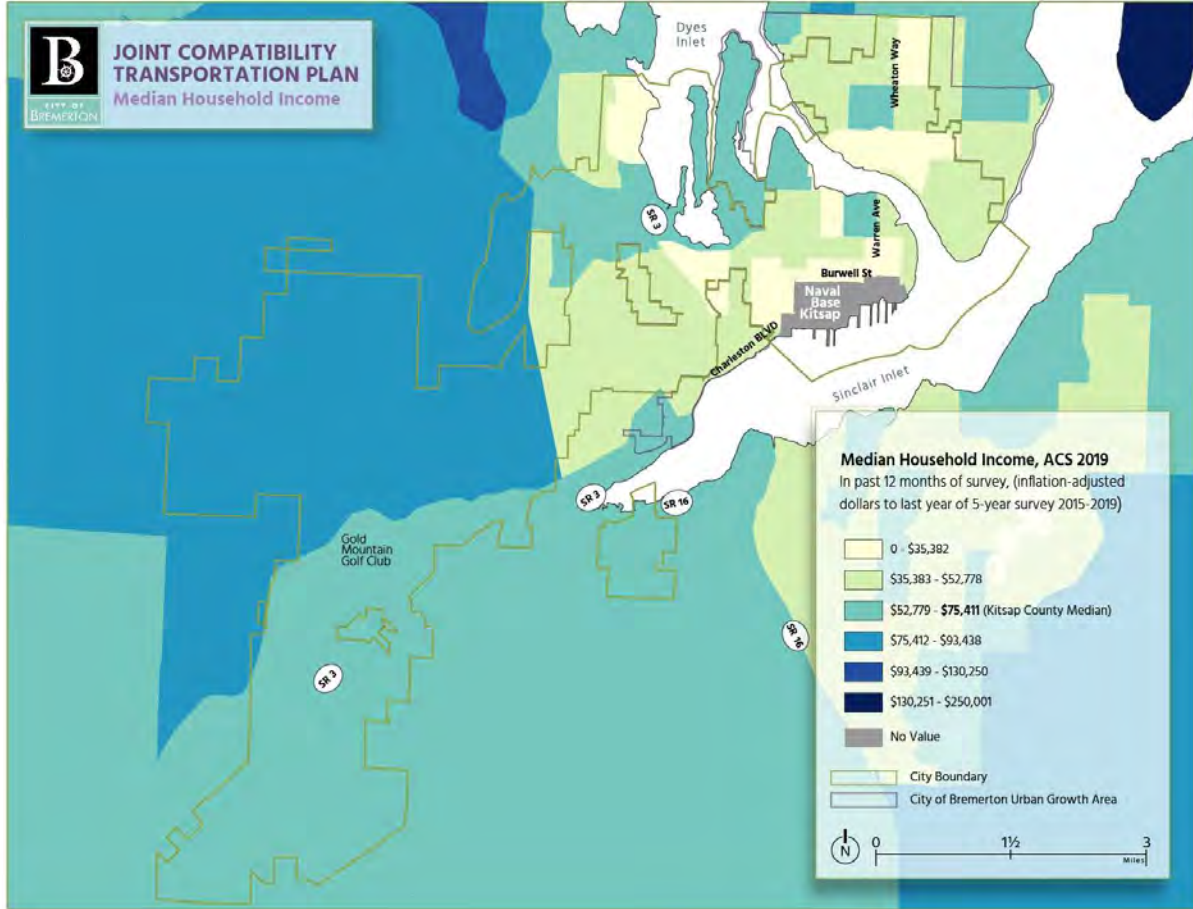


Sources: United States Census Bureau, 2021; Community Attributes, 2021.

Income

In 2019, median household income in the study area was mostly below the countywide median household income of roughly \$75,400, except for a block group on the north side of Belfair Valley Road. The City of Bremerton household income in the same period was \$52,700, which is almost \$23,000 below the Kitsap County median. Around 16.5% of the population for who poverty status is determined in the City of Bremerton live below the poverty line, compared to 7.5% for Kitsap County.

Exhibit 8. Study Area Median Household Income



Sources: United States Census Bureau, 2021; Community Attributes, 2021.

Industry and Employment

The most recent available data on study area employment from the City's Comprehensive Plan indicates that in 2015 there were 33,000 jobs in the study area. The plan projects that employment in the study area will increase to 50,700 jobs by 2036. This would represent a total increase of 17,700 jobs, or about 2.1% per year on average. Alternate population projections from PSRC's VISION 2050 suggest that growth in the study area would add 20,000 new jobs between 2017 and 2050. **(Exhibit 9)**

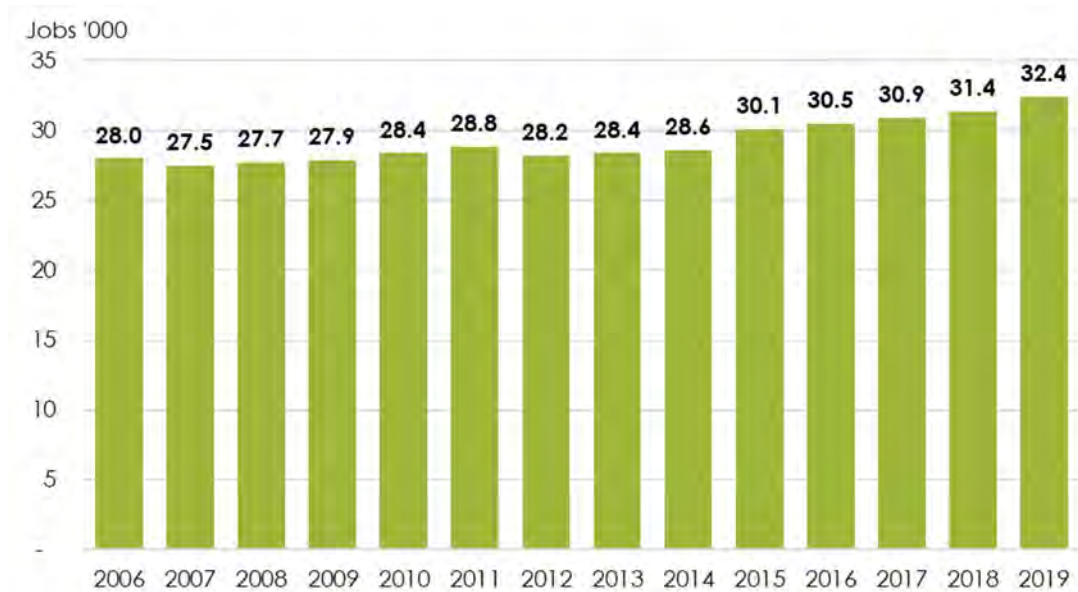
Exhibit 9. Study Area Historic and Projected Employment

Year	City of Bremerton	Unincorporated UGA	Total Study Area
2012	28,200	2,300	30,500
2015	30,500	2,500	33,000
2021	35,200	2,900	38,100
2036	46,900	3,800	50,700

Sources: City of Kirkland, 2016; Community Attributes, 2021.

Limited employment data availability for the study area restricts the industry and employment analysis to the City of Bremerton (not including the Unincorporated UGA). Total employment in the City of Bremerton was 32,400 in 2019, an increase from 28,000 in 2006. Employment was relatively steady between 2006 and 2013 but grew by 4,000 jobs between 2013 and 2019. (Exhibit 10) Over this period, the share of Kitsap County employment in Bremerton remained stable – between 35% and 36% of total County jobs.

Exhibit 10. City of Bremerton Employment, 2006 – 2019



Sources: Puget Sound Regional Council, 2021; Community Attributes, 2021.

Employment in the City of Bremerton increased at a compound annual average rate (CAGR) of 1.1% from 2006 to 2018, compared to 0.6% county wide and 1.6% regionally. The growth in employment in the study area accounted for 61% of the total employment growth in Kitsap County during this time. (Exhibit 11)

Exhibit 11. City of Bremerton and Regional Employment Growth, 2006 – 2019

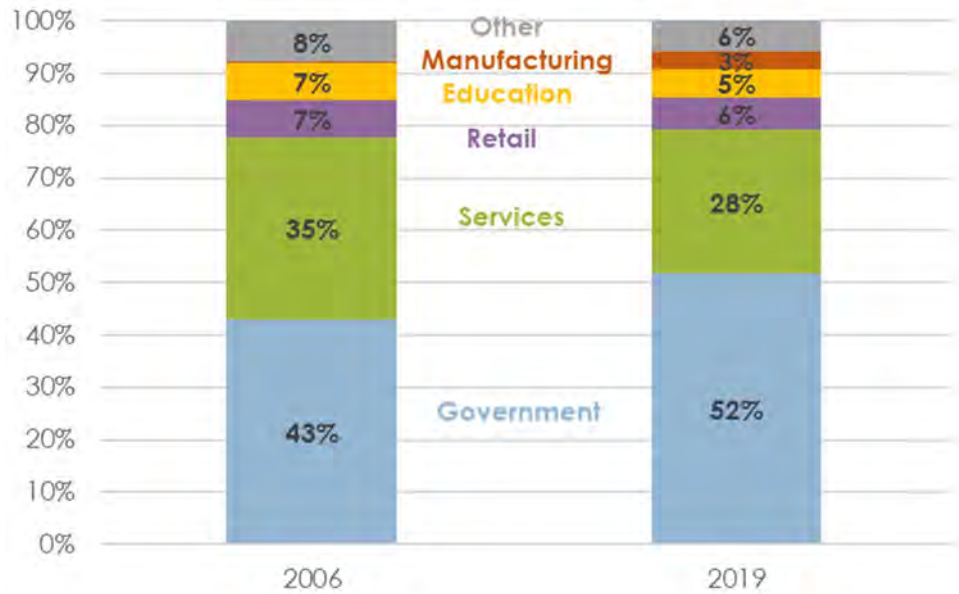


Sources: Puget Sound Regional Council, 2021; Community Attributes, 2021.

In 2019, over 52% of total employment in the study area was concentrated in the government sector. The share of government jobs as a percentage of total employment in the study area has increased since 2006 (**Exhibit 12**). Most of the jobs in this sector are associated with NBK-BR, including the Puget Sound Naval Shipyard and Intermediate Maintenance Facility. Other public agencies that contribute to this employment include the Bremerton Transportation Center and state and county government services facilities. Although Bremerton’s growth patterns remain heavily dependent on military and other government expenditures, this provides a buffer in the local and regional economy during periods of economic volatility.

The services sector employs the next greatest number of workers in the City, with an estimated 28% in 2019. The most significant industries within this sector are health care and social services, with approximately 4,700 jobs (53% of total services employment) in 2019, followed by accommodation and food services with 1,800 jobs (20%). The healthcare sector has seen strong growth between 2006 and 2011 but has declined since 2014. The Eastside Employment Center (EEC), a long-standing employment center in the City, has been home to Harrison Medical Center and other healthcare companies. The Medical Center is relocating to Silverdale, with the full departure of the hospital expected to be completed by 2023. Many of the related businesses supporting the hospital are also relocating.

Exhibit 12. City of Bremerton Employment by Industry, 2006 and 2019

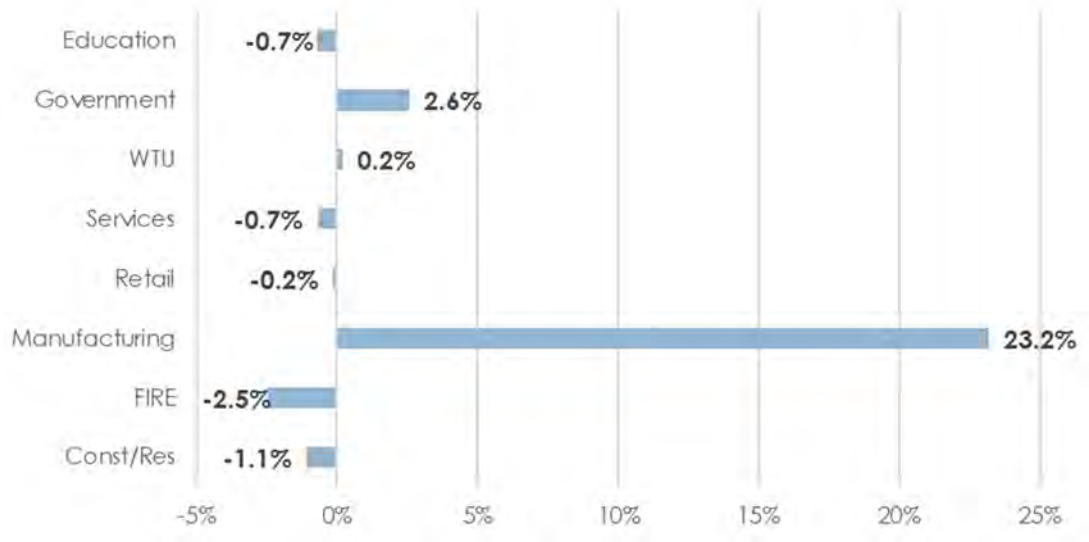


Sources: Puget Sound Regional Council, 2021; Community Attributes, 2021.

Note: Other includes Construction/Resources, Finance, Insurance and Real Estate, and Wholesale, Transportation and Utilities.

Although manufacturing represents only 3% of total employment in the City, the sector has experienced a significant increase since 2006. Since 2006, manufacturing employment in Bremerton has increased by 23% per year on average. As of 2019, the City includes about 41% of the County’s total employment in manufacturing. The growth is related to the annexation of the Puget Sound Industrial Center (PSIC). All other industries except government, and wholesale, transportation and utilities (WTU) have experienced a decline in the number of jobs from 2006 to 2019, with the most significant decrease in finance, insurance, and real estate at around 2.5% per year on average. **(Exhibit 13)**

Exhibit 13. Average Annual Change in Study Area Employment by Industry, 2006 – 2019



Sources: Puget Sound Regional Council, 2021; Community Attributes, 2021.

Note: WTU stands for Wholesale, Transportation and Utilities; FIRE stands for Finance, Insurance and Real Estate; Const/Res stands for Construction/Resources.

LAND USE AND REAL ESTATE

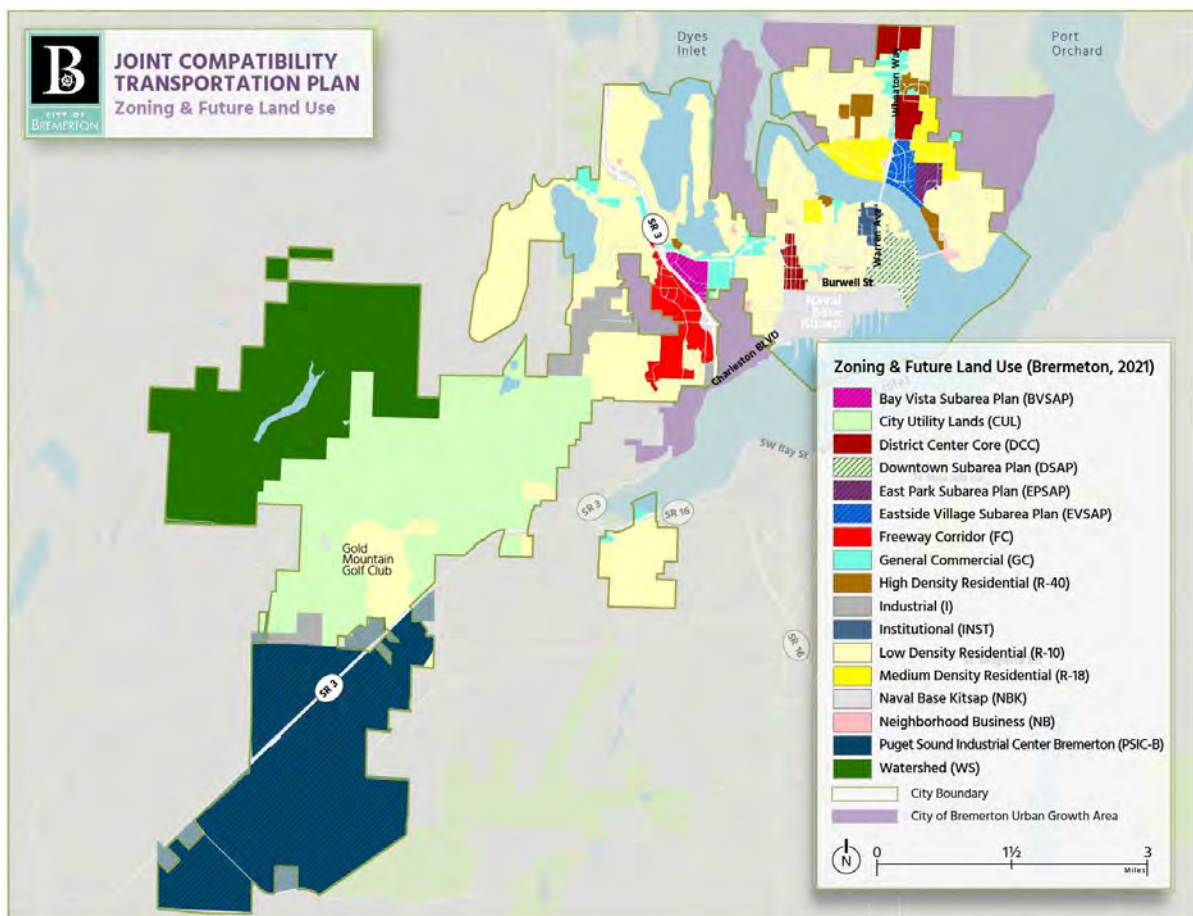
This section outlines land use and real estate metrics for the study area. Land use analysis includes a look at future land use policies as described in Bremerton’s most recent (2016) Comprehensive Plan, how they have been implemented with zoning and building regulations, and how well current land use lines up with that vision. The subsequent real estate market analysis describes the most recent performance of the office, retail, and multifamily segments, and looks back at trends over the past decade to put this period of Covid-related instability into context.

Land Use Patterns

The City of Bremerton’s 2016 Comprehensive Plan outlines the future land use policy direction to accommodate the City’s projected population and employment growth for a 20-year planning time horizon with sufficient areas for housing, businesses, and industry. In this document, the City recognizes its fundamentally interdependent relationship with NBK and seeks, via specific land use goals and policies, not only to “coordinate with Naval Base Kitsap to minimize conflicts between development and naval operations,” but to “ensure the ongoing success of each respective entity, while providing an opportunity to showcase a form of urbanism to the region.”

The Land Use Element maps the entire city into a series of land use districts intended to guide the character and intensity of development based on these and other goals and policies. The land use districts were then implemented through a citywide zoning update, also adopted in 2016, that aligned the land use regulatory framework – city zoning – with the Comprehensive Plan land use districts. The map in **Exhibit 14** illustrates these land use and zoning districts. In several places, a more specific mix of land use policies have been developed – these sub-area plans are detailed further in a following section. In the Urban Growth Areas of the study area, Kitsap County zoning prevails, while City-County agreements have been enacted to ensure urban development consistent with City standards where city services exist.

Exhibit 14. Study Area Future Land Use and Zoning



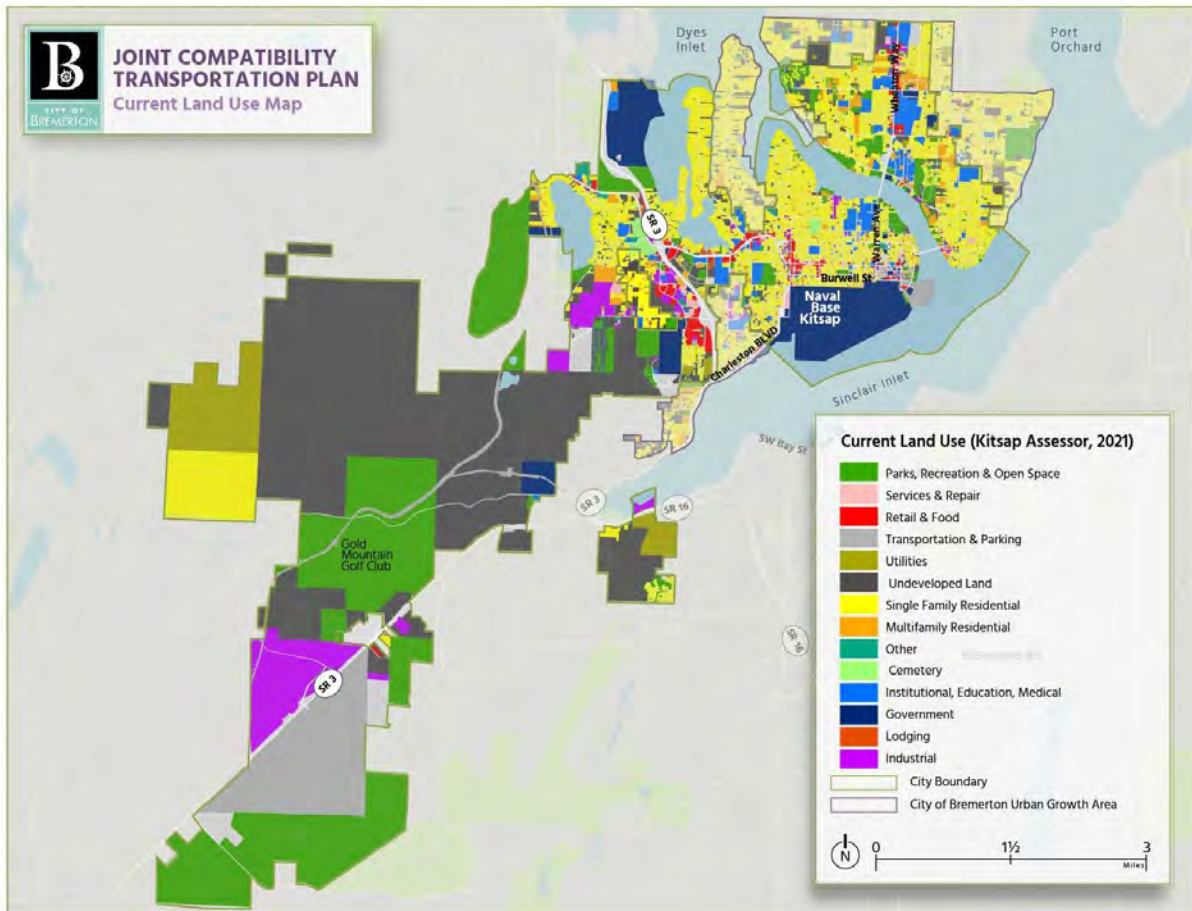
Sources: Kitsap County, 2021; City of Bremerton, 2021; Community Attributes, 2021.

To ascertain how successfully the City of Bremerton has implemented its land use vision, the project team mapped the most current snapshot available of the current land uses found on parcels in the City and UGA, based on the Kitsap County Assessor’s parcel-specific land use coding system (**Exhibit 15**).

These codes are updated on a rolling basis, as possible, and do not always reflect an accurate representation of actual land uses. In comparing planned land use and zoning with actual land uses, the following themes emerge:

- Bremerton has not achieved the level of industrial development that it has thus far planned for outside of Naval Base Kitsap, especially within the PSIC-B, but also in the industrially zoned Werner Road area of the City.
- Much of the City’s high-density residential development has occurred in planned for zones along SR-303 north of the Warren Ave Bridge. These areas lie along the primary northern commuter route to and from NBK and downtown Bremerton.
- To date, the mix of land uses along the SR-303 corridor include significant tracts of vacant land located in areas currently designated District Center. District Center zones are intended as “small downtowns” with moderate to high-density mixed uses at their core, transitioning out to single-family areas.

Exhibit 15. Study Area Current Land Use



Sources: Kitsap County, 2021; City of Bremerton, 2021; Community Attributes, 2021.

City of Bremerton Subarea Plans Overview

The 2016 Bremerton Comprehensive Plan Land Use Element provides goals and policies – as well as supporting technical analysis – to guide land use decisions for the broad community over the twenty-year planning horizon of the document. However, a number of other, area-specific planning efforts have also been developed to provide additional planning detail to the Comprehensive Plan’s general land use policy framework. These include the following:

Downtown Regional Subarea Plan (2007)

Bremerton’s core downtown area revitalization is supported by 2007’s Downtown Regional Subarea Plan (DSAP). The plan facilitates the ongoing development of a vibrant, attractive downtown, a critical need for the entire West Sound region. New development is incentivized to place parking underground or within structures, instead of surface lots. Street trees, well-designed public gathering areas, and lighting are planned to create a safe, inviting experience at the street level day and night. Residents should find access to employment, transportation, and basic amenities, along with a concentration of community activities in a more pedestrian friendly environment.

The shared border with the nearly 400-acre Naval Base Kitsap-Bremerton provides an employment boon to downtown Bremerton and all of Kitsap. The downtown Bremerton / NBK relationship provides a model of intense compact development unmatched in a West Sound region typified by continued sprawl.

Eastside Village Subarea Plan (2020)

The Eastside Employment Center is a mixed-use co-location of employment activities, residential, and commercial amenities for workers. The center type allows for large scale employment activities that may draw workers from a large geographic area, where workers can also choose to live and shop near work. Nearby living opportunities for employees will reduce commuting as well as employee parking demands. The community will be going through a transition period over the next several years with the change of Harrison Hospital campus use. The implementing regulations of the EC designation are intended to have maximum flexibility for building re-use.

Bay Vista Subarea Plan (2009)

The Bay Vista Subarea Plan (SAP) establishes the vision and the development standards for this area that acts much like a neighborhood center. The Bay Vista area (formerly known as West Park) began redevelopment in 2009 with supporting a Subarea Plan. The plan includes residential uses to the east and commercial uses adjacent to the Freeway and Kitsap Way. Open Space areas such as the Bay Vista Preserve are focal points of this area.

East Park Subarea Plan (2006)

The East Park Subarea Plan (SAP) establishes the vision and the development standards for this area. The East Park Subarea Plan reflects Bremerton's vision to continue as the metropolitan center of the West Sound by adding a unique and dense urban neighborhood. East Park has been undergoing residential redevelopment since 2007. Redevelopment consists primarily of single-family lots, but the southern portion of this area can support small commercial activity. Wildlife corridors through the subdivision connect the Madrona forest to the west with the forest creek to the west.

Puget Sound Industrial Center – Bremerton (2012)

(Formerly South Kitsap Industrial Area) is an industrial employment center that has been identified by the Puget Sound Regional Council's Vision2040 Plan as one of eight Manufacturing/Industrial Centers (MICs) in the Puget Sound region. This area includes important employment locations that serve both current and long-term regional economic objectives and calls for the provision of infrastructure and services necessary to serve intensive manufacturing and industrial activity. Heavy industrial and manufacturing development that has provisions to protect the surrounding forested area. The area supports green economic development, ensures that future development will result in reduced greenhouse gas emissions versus traditional development, promotes sustainable low-impact development and environmental stewardship.

Real Estate Market

This section outlines commercial and residential real estate market metrics for the study area, as well as Kitsap County and the central Puget Sound region for context. Real estate metrics – including building inventory, lease rates, vacancy, and absorption – are presented for three different segments: office, retail, and multifamily residential. While recent performance – especially for the retail, and to a lesser extent office, segments – has been profoundly affected by the Covid-19 pandemic, a look back at the past decades trends is presented to put this period into context.

Absorption is a measure of the difference between space being vacated and being occupied in a given period. When net absorption is positive, more space is becoming occupied than being vacated. Positive absorption can provide evidence of demand for a given type of space, though natural swings can occur when large new construction becomes available.

Market Performance in Q2 2021

Exhibit 16 presents a summary snapshot in time of the office, retail, and multifamily residential submarkets as of the second quarter (Q2) of 2021 for the study area (Bremerton and its unincorporated UGAs), as well as for

Kitsap County and the central Puget Sound region for comparison. The overview summarizes building inventory, new construction, space absorption, vacancy and lease and sales figures for all properties located within the study area for which there is CoStar data.

These data indicate a current study area inventory of 2.1 million square feet (sf) of office space, 3.5 million square feet of retail space, and 5,266 units of multifamily residential as of Q2, 2021. No new construction is currently underway in the office and retail segments, but 176 units of multifamily are under construction in the study area (representing almost two-thirds of all units being built countywide at this moment).

Exhibit 16. Market Overview - Office, Retail, & Multifamily Residential, Study Area versus County and Region

	Location	Inventory SF	Under Construction SF	12 Mo Net Absorption	Vacancy Rate	Market Rent / SF	Market Sale Price / SF
Office	Study Area	2.1M	0	3.1K	5.6%	\$20.87	\$166
	Kitsap County	5.3M	0	-3.6K	4.7%	\$22.34	\$186
	Region	221M	7.5M	4.4M	9.3%	\$39.09	\$473
Retail	Study Area	3.5M	0	-22.9K	6.3%	\$13.46	\$143
	Kitsap County	13.5M	0	-43.3K	3.5%	\$16.74	\$170
	Region	193M	787K	-424K	3.0%	\$26.18	\$290

		Inventory in Units	Under Construction Units	12 Mo Net Absorption Units	Vacancy Rate	Market Rent / Unit	Market Sale Price / Unit
Multifamily	Study Area	5,266	176	228	6.1%	\$1,271	\$169K
Residential	Kitsap County	14,312	276	459	3.6%	\$1,431	\$194K
	Region	477,523	22,242	5,660	7.3%	\$1,660	\$322K

Note: "Region" refers to the Central Puget Sound Region, consisting of Kitsap, Pierce, King, and Snohomish Counties.

Source: CoStar, 2021; Community Attributes, 2021

Office

Small net positive absorption of office space in the past 12 months, especially versus the net negative absorption for the County as a whole and considering the study area's significantly lower office vacancy rate versus the region (5.6% for the study area versus 9.3% region; an office vacancy rate around 10% is considered healthy, while lower vacancy suggests a tighter market), indicates that the office segment has not suffered as badly in Bremerton as it has in many other places due to shift to remote work driven by the Covid pandemic. Nevertheless, lease rates and sale prices per square foot for office space locally remain far below those of the region, and below even the average for Kitsap County, indicating continued softness and stagnant demand in this segment.

Retail

The retail submarket has fared somewhat worse. With market rents and sale prices at around half the regional average, this segment also underperforms both the region and the County; however, with the Bremerton study area representing around a quarter of the countywide total of retail space inventory, the 6.3% vacancy rate is more than double that of the region, and almost double those of the County. Like the County and region, Bremerton has experienced significant negative net absorption of retail space on average over the last 12 months. This likely reflects the profound challenges that businesses relying on in-person transactions, including bars, restaurants, gyms, and brick and mortar retailers, have faced throughout this pandemic with many businesses failing and / or downsizing.

Multifamily Residential

The Bremerton study area contains 64% of the County's multifamily residential inventory as of Q2, 2021, with 5,266 units in 126 buildings. Most of these buildings are older, with prewar construction in the downtown area, and 70s-80's development elsewhere in the city. Unlike the commercial segments, this segment is delivering new inventory even during the pandemic period with 176 new units under construction and 238 delivered in the last 12 months. The market is tighter in Bremerton than in the region, with only 6.1% vacancy versus 7.3% for the region, but not as tight as the County, with 3.6% vacancy. Market rents are currently \$1,271 on average, which is around 76% of the regional average, and market sale prices are \$169,000 on average per unit, or around 52% of the regional average.

Factors Influencing Market Demand in Bremerton

According to the Land Use Element of the City of Bremerton's Comprehensive Plan, several factors beyond regional and national economic conditions continue to influence market demand for commercial, and to a lesser extent, residential space within the City of Bremerton and areas of its UGAs served by urban infrastructure, despite the recent effect of the pandemic⁴.

- First, many Bremerton properties, both commercial and residential, suffer from weak "curb appeal" due to several factors including building age and deferred maintenance. Where desirable sites exist, many businesses find it challenging to obtain financing for new construction, expansion, or capital costs. Many find that new development is often easier and less expensive in unincorporated areas that also have urban services, or where public sewer and water systems are not required, and road and other standards are considerably lower than in urban areas. Those areas are also more

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likely to have larger vacant parcels available, less expensive land, and occasionally urban services to further stimulate growth.

- While the multifamily residential submarket is one brighter spot for Bremerton, many potential infill sites that could represent opportunities for increased density and newer, more desirable inventory are often stymied by a lack of willingness to convert on the part of property owners. Many of Bremerton's oversized lots and other vacant infill sites are being enjoyed by their owners for yard areas, additional off-street parking, RV storage, or to protect views, for instance.

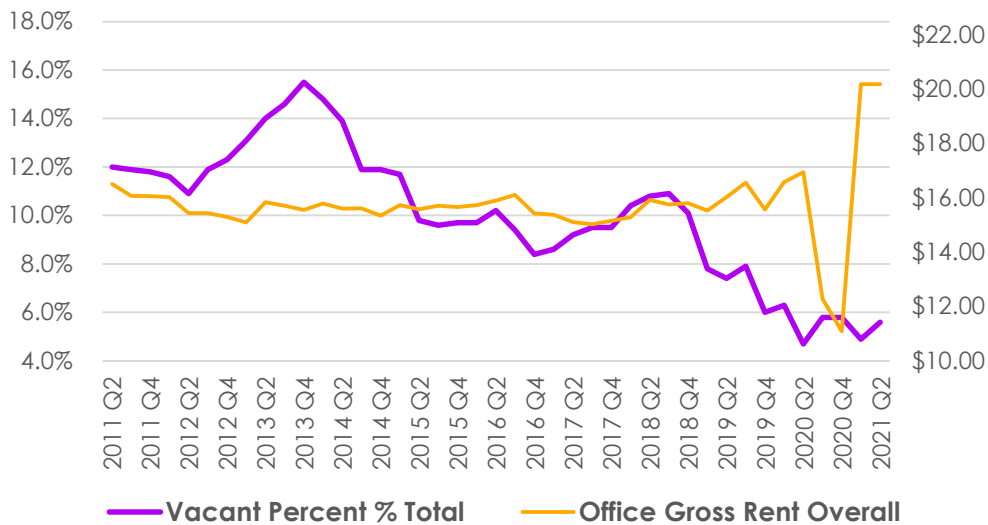
As described in this report, office and retail development and employment growth trends have and continue to significantly lag the region, which suggests a need to build a market through coordinated development planning and business attraction strategies.

Market Performance Trends 2011-2021

Office

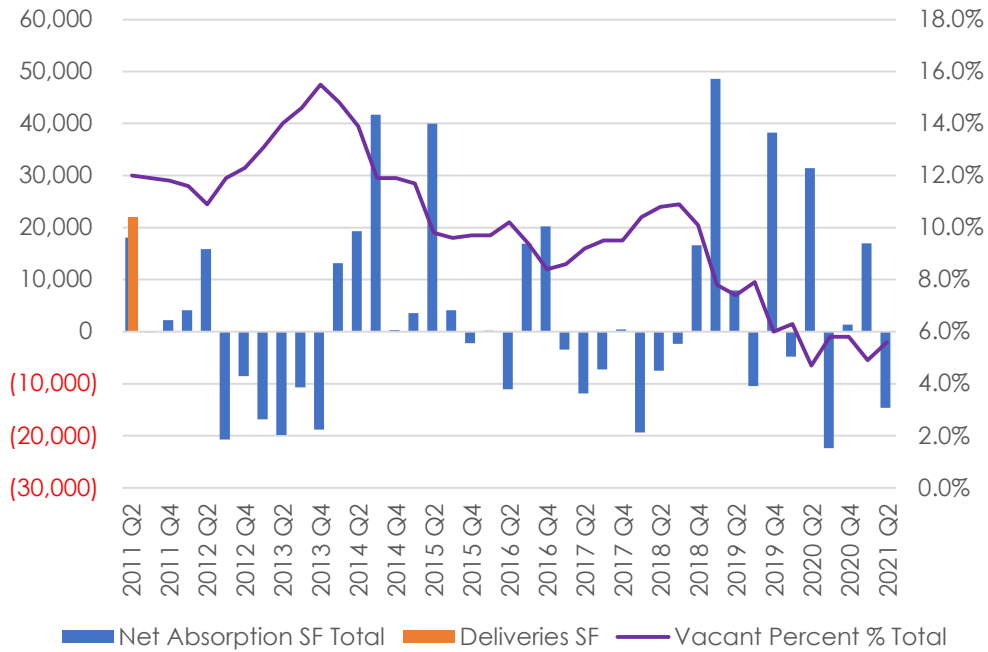
After a period of net negative absorption and high office vacancy rates from 2012-2015, the vacancy rate for office stabilized and began to decline substantially at the end of 2018 (**Exhibit 17**). However, no new deliveries of office space occurred after 2011 with the tightening market reflecting only absorption of existing office inventory. Very low vacancy rates beginning in 2019 persisted through the 2020-current pandemic period, despite a dramatic dip in rents in the second half of 2020. Rents in Q1 and Q2 of this year have bounced back to exceed pre-pandemic levels.

Exhibit 17. Vacancy & Lease Rates per SF - Office, 2011-2021



Source: CoStar, 2021; Community Attributes, 2021

Exhibit 18. Absorption, Deliveries, & Vacancy - Office, 2011-2021

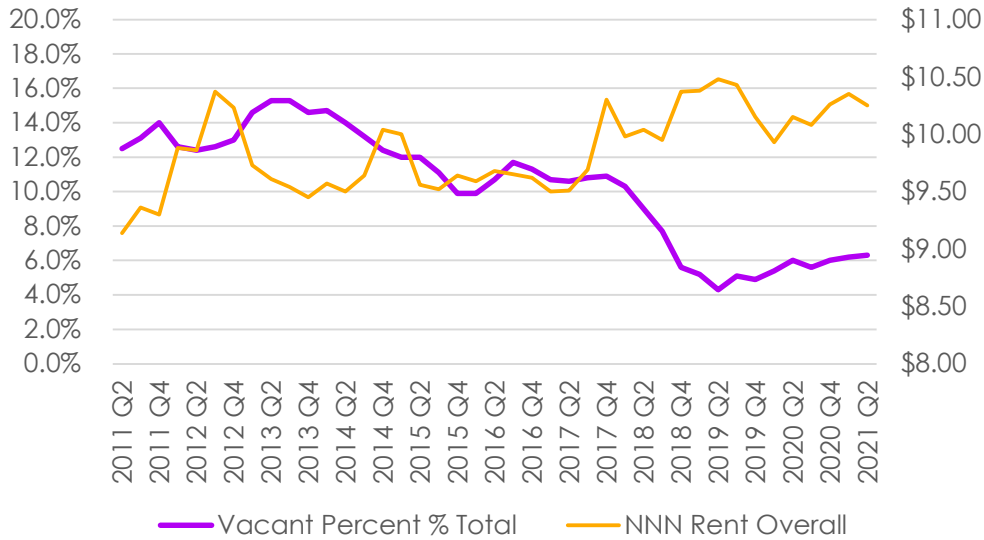


Source: CoStar, 2021; Community Attributes, 2021

Retail

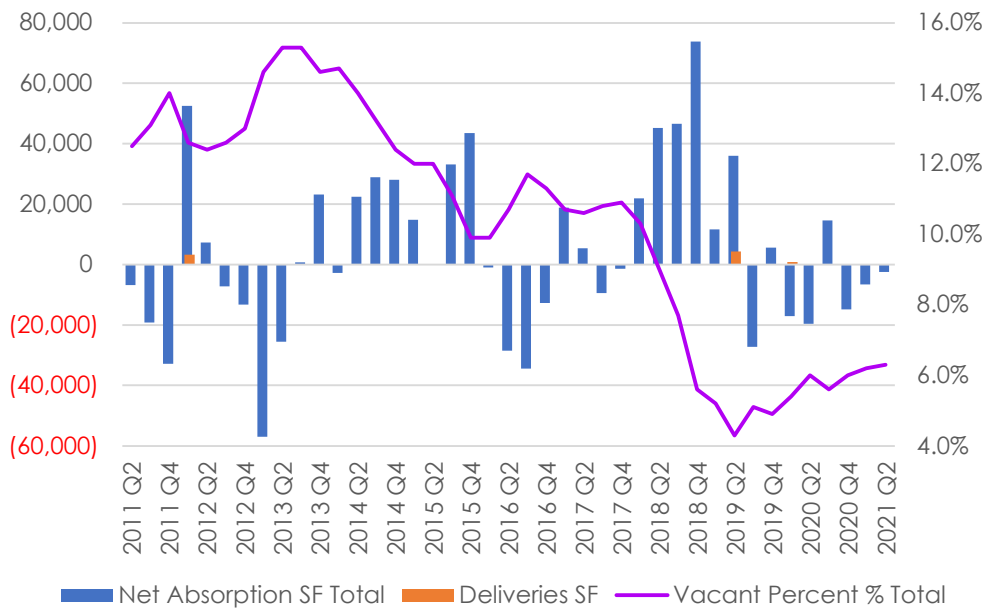
As with office, retail vacancy rates and negative absorption peaked, though to a lesser extent, for a period from 2012-2014 (**Exhibit 19**). Beginning in 2017, vacancy declined, and rents began to rise above the \$10 per square foot NNN mark (still, these rates remained far below the average retail lease rates for the region). Very little new retail inventory was delivered in Bremerton and its UGAs for the 2011-2021 period, with declining vacancies again predominantly due to uptake of existing space.

Exhibit 19. Vacancy & Lease Rates per SF - Retail, 2011-2021



Source: CoStar, 2021; Community Attributes, 2021

Exhibit 20. Absorption, Deliveries, & Vacancy - Retail, 2011-2021



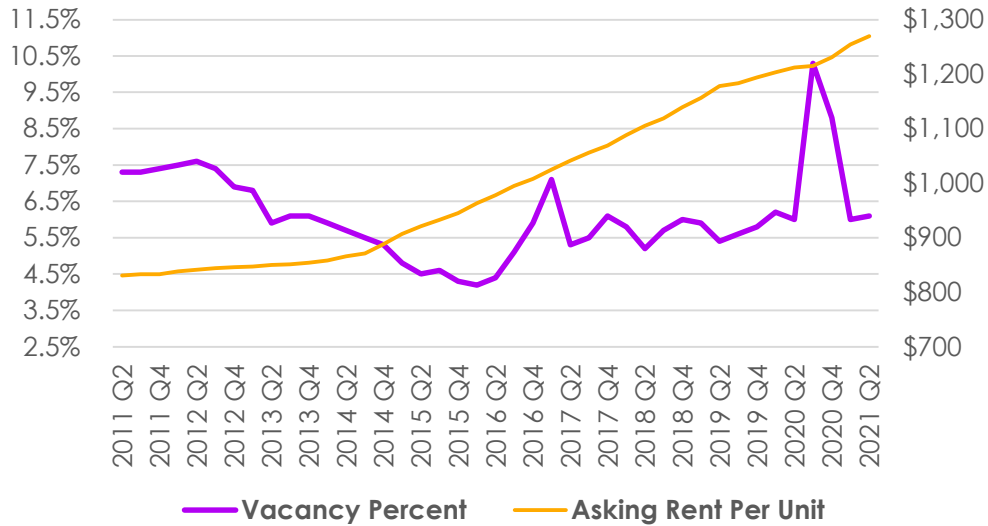
Source: CoStar, 2021; Community Attributes, 2021

Multifamily Residential

The market for multifamily residential has seen better performance recently than have the commercial segments with 579 of 799 units delivered in the decade coming onto the market after 2016. Vacancy rates remained at a relatively healthy 5.5%-6.5% level for that period, and average asking rents have climbed steadily to a high of \$1,270 in Q2 of this year. Vacancy rates

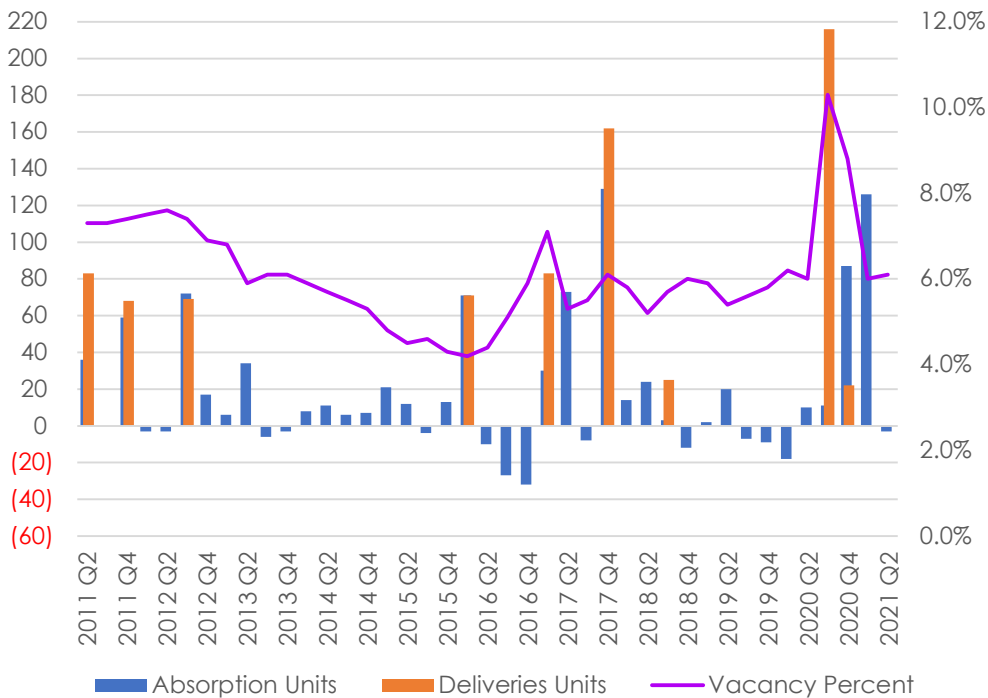
peaked briefly from 6% in Q2 of 2020 to 10.3% in Q3 of 2020 but have since recovered.

Exhibit 21. Vacancy & Lease Rates per Unit – Multifamily Residential, 2011-2021



Source: CoStar, 2021; Community Attributes, 2021

Exhibit 22. Absorption, Deliveries, & Vacancy – Multifamily Residential, 2011-2021



Source: CoStar, 2021; Community Attributes, 2021

Appendix G

Future No Build Forecasting Memo



Joint Compatibility Transportation Plan:

Model Validation and Future Forecasts

Prepared for:
City of Bremerton

May 2021

TC20-0011

FEHR  PEERS

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Introduction

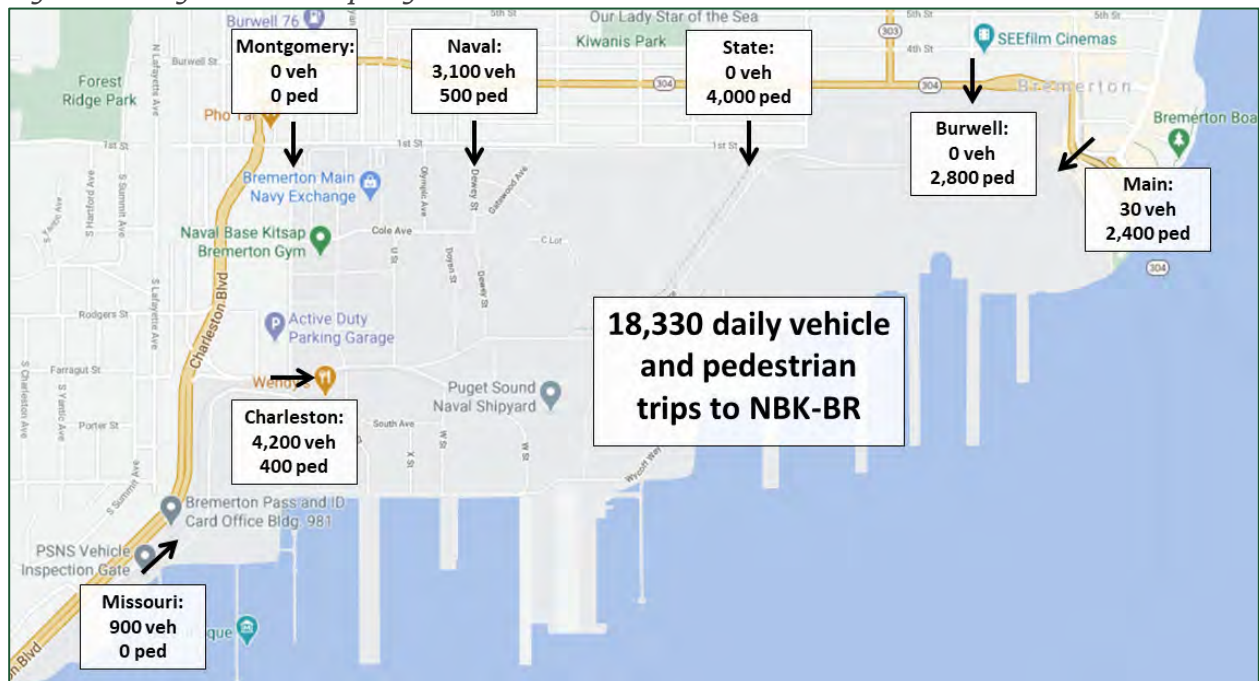
The City of Bremerton Travel Demand Model was updated to help develop future peak hour intersection forecasts for the City's *Joint Compatibility Transportation Plan*. This report documents how the base year model was updated and validated to 2019 conditions and how the future year scenario was updated from 2040 to 2050 conditions. A major effort as part of this update was re-estimating the peak hour trip generation and access gate distribution for travel associated with the Naval Base Kitsap – Bremerton (NBK-BR, or the Base).

The City's model is a 3-step model (trip generation, trip distribution, and assignment) that estimates vehicle demand during the PM peak hour, which generally occurs between 3:30 and 4:30pm due to NBK-BR travel. Peak hour vehicle-trip demand is estimated in a separate spreadsheet tool using land use estimates (single family and multi-family households and jobs across eight categories) by traffic analysis zone (TAZ). The City's model is run using Visum software, version 18.02-12.

Naval Base Kitsap – Bremerton Trip Generation

There are seven entry locations that provide access to NBK-BR and the Puget Sound Naval Shipyard and Intermediate Maintenance Facility. Four of these gates are primarily for vehicular access and three are primarily for pedestrian access. The City and NBK-BR provided daily inbound counts by mode for these access points. The vehicle counts are averaged from data collected between March and July 2014 (excluding two weeks when certain gates were closed). The pedestrian counts are based on a three-day average with an unknown observation date. The gate locations and count data are shown in **Figure 1**.

Figure 1. Daily Inbound Trips by Mode to NBK-BR



Based on a conversation with NBK-BR personnel, the observed daily inbound trips were confirmed to be consistent with the expected number of daily trips entering the facilities. Even though the count data is several years old, there has not been a significant change in Base employment, so the volumes are still consistent with demand in 2019. The following information was provided by NBK-BR:

- The Base employs between 20,000 and 23,000 individuals: 14,000 civilians, 1,000 military personnel, 3,000 sailors per carrier in port, and 2,000 contractors.
- On an average weekday, 7% of workers are on leave and 1,000 are working remotely, so the daily number of workers commuting to base would be between 17,600 and 20,400,
- The count data was collected when only a single carrier was in port and thus the Montgomery gate was closed to vehicle access.
- Approximately 1,500 employees arrive via Kitsap Transit Worker-Driver buses and would be counted as vehicle trips, not pedestrian trips.
- Approximately 75% of the pedestrian trips are assumed to drive and park in Downtown Bremerton in off-street parking lots or on City streets before walking onto the Base.
- The remaining 25% of pedestrian trips are assumed to use transit and other travel modes that do not require parking nearby (bicycling, local transit, Port Orchard Foot Ferries, and Washington State Ferries).

As shown in **Figure 1**, there are over 18,000 daily inbound trips, which is consistent with an assumed daily population on Base of around 17,600 people when one carrier is in port. There are over 7,000 inbound trips at the Charleston and Naval gates, and with 5,000 parking spaces on Base, this inbound total is reasonable given that there are three work shifts each day (day, swing, and graveyard). Of the 7,600 people that are assumed to park off-site, only 1,000 would be able to use the parking garage at 4th Street & Park Avenue. The remaining would be using other available off-street lots or parking on City streets. The volume and distribution of outbound trips was assumed to be consistent with the inbound trips since no data was collected on outbound trips at the gates.

The City's model estimates not only the vehicle trips that are driving directly onto Base but also those trips that park in Downtown Bremerton and walk onto Base. The zonal connectors in the model for these park-and-walk trips are located throughout the downtown area where there is available parking. Since no specific data was available based on the mode of arrival for the pedestrian trips, the percentage of park-and-walk trips at each gate was estimated using professional judgment based on the location of nearby parking lots and proximity to nearby transit facilities.

The PM peak hour distribution of trips was initially estimated using count data from the *2013 Vehicle and Pedestrian Safety Study: NBK Bremerton*, which showed that 5% of daily inbound NBK-BR trips and 20% of daily outbound trips occur during the PM peak hour. These estimates were then refined to be consistent with peak hour intersection counts collected in 2018 for the *6th and 11th St Corridor Feasibility Study*.

The following adjustments were incorporated into the PM peak hour calculations for NBK-BR:

- The overall trip generation was increased by 15% to account for a second carrier being in port (an increase in employees from 20,000 to 23,000), and the additional trips were assumed to be vehicle trips using the Charleston, Montgomery (outbound only), and Naval gates.
- The Missouri gate vehicular demand was tripled to match the intersection count volumes.
- The Burwell gate pedestrian demand was doubled to match observed pedestrian volumes at the tunnel portal on SR 304.
- The State gate pedestrian demand was also doubled to be consistent with the adjustment at the Burwell gate.
- Worker-driver buses were added as vehicle trips at the Main/Bremerton gate.

The final distribution of inbound and outbound PM peak hour trips assumed in the 2019 model is shown below in **Table 1**. The total number of trips is only 2% higher than the assumptions in the original version of the model, but the distribution is significantly different. There are approximately 1,500 fewer vehicle trips across the Charleston, Montgomery, and Naval gates combined and 1,600 more park-and-walk trips across the Naval, State, and Main gates combined.

Table 1. PM Peak Hour Trip Distribution at NBK-BR

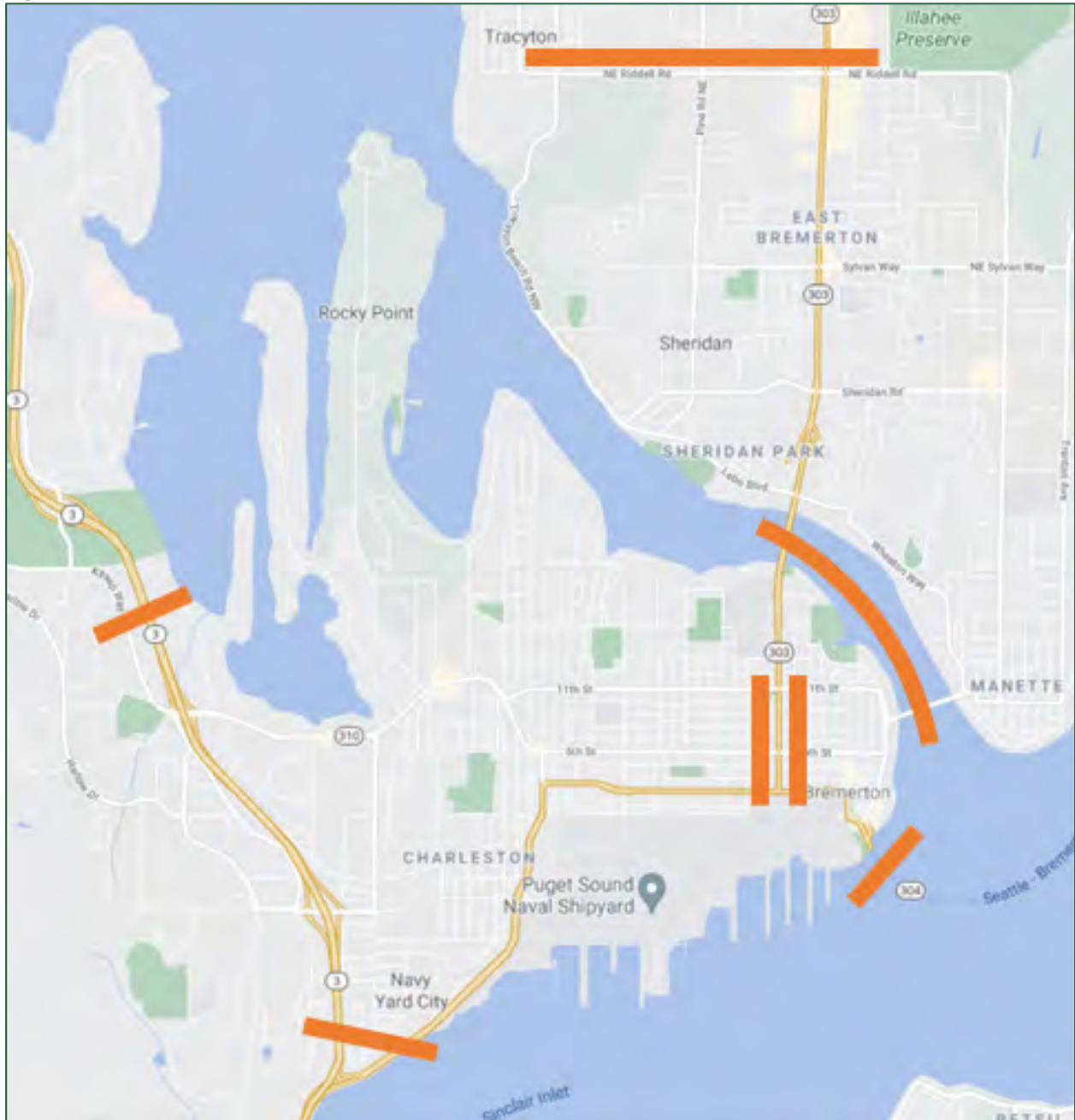
Gate	Vehicle Trips			Pedestrian Trips			Total Trips
	Inbound	Outbound	Total	Inbound	Outbound	Total	
Missouri	135	540	675	0	0	0	675
Charleston	300	800	1,100	10	40	50	1,150
Montgomery	0	500	500	0	0	0	500
Naval	200	700	900	20	80	100	1,000
State	0	0	0	350	1,400	1,750	1,750
Burwell	0	0	0	250	1,000	1,250	1,250
Main/Bremerton	0	10	10	50	200	250	260
Total	635	2,550	3,185	680	2,720	3,400	6,585

The data from the 2013 study and the 2018 traffic counts suggest that the AM peak hour trip generation and gate distribution is similar to the PM peak hour but reversed, with 20% inbound and 5% outbound. If necessary, the inbound and outbound trips in Table 1 could be switched and used as an estimate for the morning peak hour demand.

Base Year Model Update and Validation

The City's model was validated to 2019 PM peak hour conditions at seven screenlines across the model area. These are imaginary boundaries drawn across the street network to determine whether the model's depiction of volumes moving across the City are consistent with observed volumes. The locations of the screenlines, each of which contains 2-3 individual count locations, are shown in the **Figure 2**.

Figure 2. Model Validation Screenlines



Count data along the screenlines was collected from several different sources:

- 2017-2018 peak hour intersection counts from previous traffic studies
- 2019 daily traffic volumes provided by WSDOT’s Traffic Geoportal
- 2021 roadway segment counts collected in January 2021 for this study
- Vehicle capacities for WSF vessels serving the Bremerton ferry terminal

Some adjustments were made to the raw count data. Based on count data from WSDOT’s permanent traffic recorders (PTR) on SR 3 and SR 16, PM peak hour volumes were assumed to be 8% of the daily totals. The 2021 counts were increased by a factor of 1.50 to account for reductions in traffic volumes due to stay-at-home restrictions in place because of the COVID-19 pandemic. The project team developed this adjustment factor to be applied to all count data collected in 2021 for this project. **Table 2** shows the final PM peak hour volumes used for validation and the source for each.

Table 2. PM Peak Hour Screenline Volumes

#	Screenline	Location	Source	Volume
1	South of Austin Dr	SR 3	2019 WSDOT ADT	5,200
		Kitsap Way	2021 Tube Count	1,270
2	Port Washington Narrows	SR 303	2018 Intersection Count	3,360
		Manette Bridge	2018 Intersection Count	1,170
3	West of SR 303	SR 304	2018 Intersection Count	1,280
		6th St	2018 Intersection Count	1,550
		11th St	2018 Intersection Count	2,270
4	East of SR 303	SR 304	2018 Intersection Count	870
		6th St	2018 Intersection Count	1,040
		11th St	2018 Intersection Count	1,040
5	South of B St	SR 3	2019 WSDOT ADT	4,160
		Charleston Blvd	2017 Intersection Count	2,840
6	Ferry Terminal	WSF Ferry	WSF Ferry Capacity	230
7	North of Riddell Rd	Pine Road	2021 Tube Count	710
		SR 303	2018 Intersection Count	2,740
		Ilahee Road	2021 Tube Count	510

The version of the City’s model that was provided for this project used an automatic matrix adjustment process that factored the 2019 volume demand matrix to better match the count data that was used for validation. This adjustment step was removed for this project, and the model was instead calibrated by reviewing land use inputs, updating trip generation rates, verifying posted speed limits and capacities of the roadway network links, and adjusting the locations where traffic loads onto the network from the

zonal connectors. This approach is more consistent with the initial model input parameters and maintains these assumptions between the base and future scenarios. An error in the model script related to feedback loop averaging was also corrected.

The initial validation results for the 2019 scenario are shown in **Table 3**.

Table 3. Initial Model Validation Results

Screenline	Count Volume	Model Volume	Volume Difference	Percent Difference
1. South of Austin Dr.	6,470	6,540	70	1%
2. Port Washington Narrows	4,530	5,580	1,050	23%
3. West of SR 303	5,100	5,550	450	9%
4. East of SR 303	2,950	3,120	170	6%
5. South of B St	7,000	6,860	-140	-2%
6. Ferry Terminal	230	710	480	209%
7. North of Riddell Rd	3,960	3,630	-330	-8%

The initial results show that the model is overestimating the existing demand crossing the Port Washington Narrows during the PM peak hour. The model was also mis-assigning trips that were parking at a garage near the ferry terminal with trips onto the ferry. Otherwise, all other screenlines are within 10% of the PM peak hour count volumes, which is deemed an acceptable level of difference.

The following calibration adjustments were made to improve the model’s validation:

- Updated the land use in zone 199 to 769 households per the City’s direction.
- Updated the land use at NBK-BR (zone 132) to zero households and 23,000 military jobs, and updated the trip generation and trip distribution assumptions per the revised assumptions described above.
- Removed the extra trips at the ferry terminal associated with a nearby parking garage.
- Incorporated a trip distribution adjustment factor to reduce the number of trips crossing the Port Washington Narrows.
- Modified the roadway network east of SR 303 and north of 11th Street to minimize trips cutting through the neighborhood to avoid congestion on SR 303.
- Modified the roadway speeds in Downtown Bremerton to improve the distribution of trips on SR 304, 6th Street, and 11th Street to be consistent with the existing volume distribution.
- Removed the pre-determined loading factors on zonal connectors in downtown Bremerton to improve how trips are assigned to the network.

The final validation results after incorporating these changes are shown in **Table 4**. The volume of trips crossing the Port Washington Narrows is now only 2% higher than the count volume, and the volume at the ferry terminal is consistent with two full vessels – one arriving and one departing – during the

afternoon peak hour. All but one screenline is within 5% of the count volume. Based on the results in the table, the 2019 model is considered validated within the study area for this project. All of the calibration adjustments described above were incorporated into the future year scenario.

Table 4. Final Validation Results

Screenline	Count Volume	Model Volume	Volume Difference	Percent Difference
1. South of Austin Dr.	6,470	6,510	40	1%
2. Port Washington Narrows	4,530	4,630	100	2%
3. West of SR 303	5,100	4,890	-210	-4%
4. East of SR 303	2,950	2,910	-40	-1%
5. South of B St	7,000	6,720	-280	-4%
6. Ferry Terminal	230	230	0	0%
7. North of Riddell Rd	3,960	3,660	-300	-8%

Future Year Model Land Use Update

The future year model’s land use was updated from 2040 to reflect 2050 estimates using the following methodology:

1. Increase the land use growth to match draft 2050 targets provided by PSRC within the City.
2. Extrapolate to 2050 using the 2019 and 2040 land use data for areas outside the City.
3. Modify the growth estimates in certain zones based on the City’s direction.
4. Reallocate the growth in the remaining zones to maintain citywide targets.

PSRC is in the process of finalizing 2050 land use in the region. However, it was able to provide the City and project team draft 2050 growth targets for the City of Bremerton and Kitsap County with the following limitations. PSRC stated the following:

In developing VISION 2050, PSRC developed future year growth patterns consistent with the policies of the final Regional Growth Strategy. This initial representation will be refined as jurisdictions begin the next round of growth target and comprehensive plan updates as required under the Growth Management Act (GMA), a process that will continue through mid-2024. PSRC is choosing not to publish an updated version of its land use forecast product, the Land Use Vision (LUV), until after the first major round of implementation work, the GMA growth target updates, are complete.

This forecast is an initial, and one possible, version of a growth pattern that meet’s VISION 2050’s policy objectives. It was used for analysis of the Regional Growth Strategy. It is not reflective of adopted GMA growth targets as these are currently under development. (PSRC, February 2021)

Table 5 and **Table 6** show the household and employment estimates for the model for 2019, 2040, and 2050. Separate totals are shown for the City of Bremerton and the remaining areas of unincorporated Kitsap County.

Within the City, the land use growth between 2019 and 2040 was increased to match the draft 2050 citywide targets provided by PSRC: 27,500 households and 55,500 jobs. The updated household target requires slightly higher average annual growth to meet the future year target: 1.9% per year instead of 1.8% per year. The updated jobs target is lower than the previously assumed total in 2040, so the annual growth decreases from 1.8% per year to 1.1% per year. Outside of the City, the growth rates between 2019 and 2040 were maintained to extrapolate out to 2050.

Table 5. Household Forecasts

Area	2019	2040	2019-2040 Growth	2019-2040 % per Year	2050	2019-2050 Growth	2019-2050 % per Year
Bremerton	17,300	24,000	6,700	1.8%	27,500	10,200	1.9%
Unincorporated	6,200	8,300	2,100	1.6%	9,400	3,200	1.7%
<i>Model Total</i>	<i>23,500</i>	<i>32,300</i>	<i>8,800</i>	<i>1.8%</i>	<i>36,900</i>	<i>13,400</i>	<i>1.8%</i>

Table 6. Employment Forecasts

Area	2019	2040	2019-2040 Growth	2019-2040 % per Year	2050	2019-2050 Growth	2019-2050 % per Year
Bremerton	41,000	56,300	15,300	1.8%	55,500	14,500	1.1%
Unincorporated	3,600	5,300	1,700	2.2%	6,200	2,600	2.3%
<i>Model Total</i>	<i>44,600</i>	<i>61,600</i>	<i>17,000</i>	<i>1.8%</i>	<i>61,700</i>	<i>17,100</i>	<i>1.2%</i>

The initial 2050 zonal land use estimates were provided to the City for review, and the following changes were incorporated per the City's direction. The source or justification for each is noted parenthetically.

- 226 new households and 240 new jobs in zone 119 (Bay Vista EIS)
- 200 new military jobs in zone 132 (NBK-BR)
- 820 new households in zone 141 (West Hills development)
- 480 new households and 298 new jobs in zones 151, 179, 185, and 191 (Gorst EIS)
- 6,500 new jobs in zones 184, 206, 208, and 213 (PSIC/SKIA EIS)
- 1,500 new jobs in zone 232 (PSIC/SKIA EIS)
- 90 new households in zone 339 (limitations on sewer capacity)
- 34 new households in zone 369 (current development trends)
- 1,750 new households and 81 less jobs in zones 370-372 and 374-376 (Eastside Village EIS)
- No job growth in zone 387 (currently City's watershed and golf course)
- 10 new jobs in zone 402 (increase in jobs is likely)
- 130 new households and no job loss in zone 406 (recent rezone and job decrease is unlikely)

After incorporating the above adjustments to the 2050 land use forecast, the growth in households and jobs in the remaining zones throughout the City were proportionally adjusted to maintain the citywide control totals. The distribution of households and jobs by type in each zone was assumed to be similar to the distributions in the 2040 forecast.

Future Year Forecast

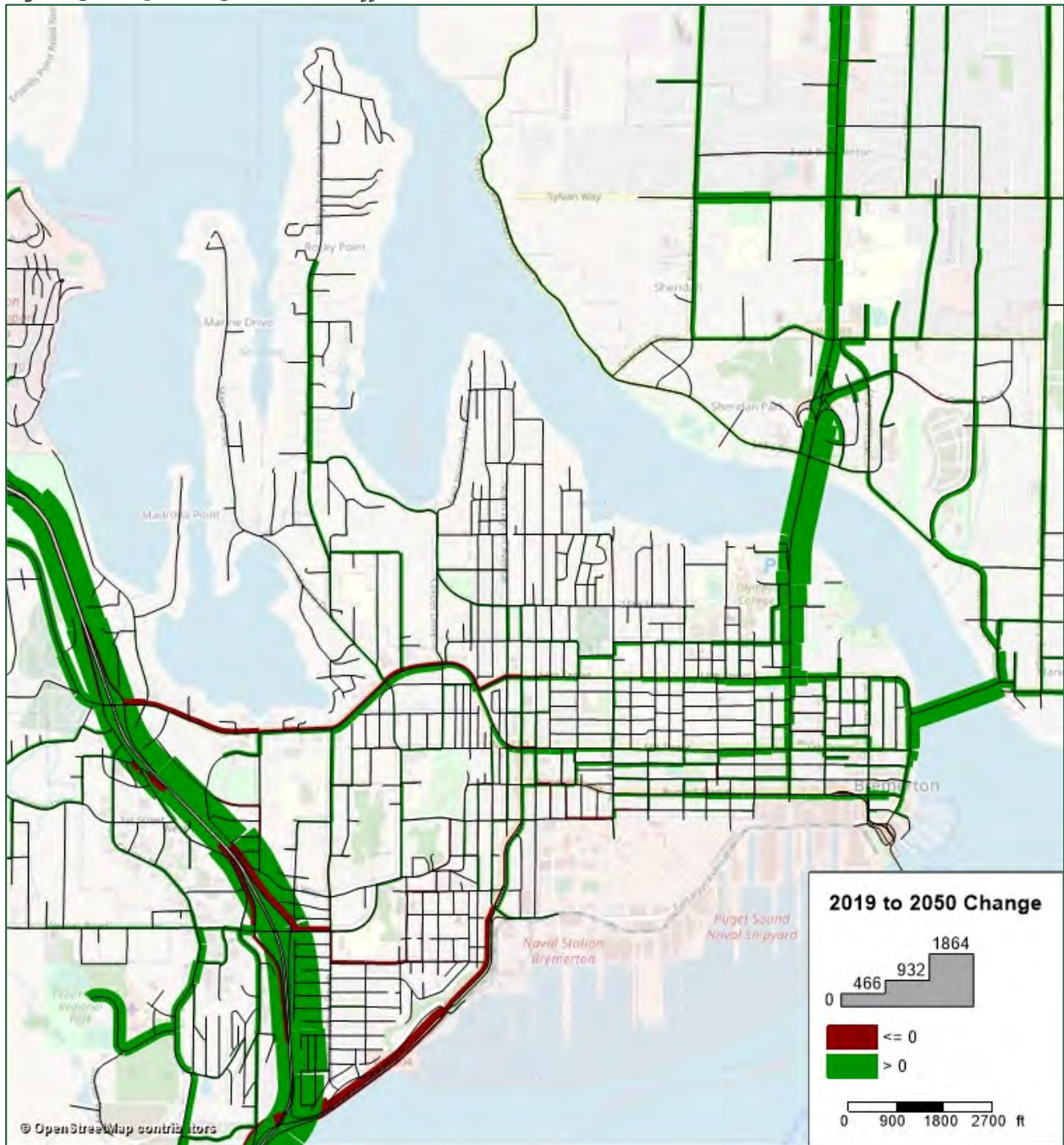
The 2050 scenario assumes an approximate 60% increase in households and a 40% increase in employment from the 2019 scenario in the model. The only network improvement project is a road diet on Naval Avenue that reduces the number of travel lanes from four to two between 1st Street and 11th Street.

After reviewing initial results from the future year scenario, the trip distribution adjustment factor was modified to reduce the growth in trips across the Port Washington Narrows to a level consistent with the growth in travel citywide. The model was overestimating the available capacity on the bridges resulting in unreasonably high forecasts. The demand for travel on these two bridges is driven by household growth to the north of the Narrows and job growth to the south.

The model estimates a 40% increase in PM peak hour vehicle trips within the City of Bremerton and nearby unincorporated areas of Kitsap County and a slight increase in the percentage of trips that remain within this area (due to an improved jobs-housing balance). A difference plot showing the relative change in peak hour trips between the 2019 and 2050 scenarios is shown in **Figure 3**.

The changes in model volumes at the study intersections were provided to the project team to develop 2050 forecasts.

Figure 3. 2019 to 2050 Volume Difference Plot



Appendix H

Screening and Evaluation Methodology Memo



TECHNICAL MEMORANDUM

DATE: July 16, 2021
TO: Katie Ketterer, City of Bremerton
FROM: Alex Atchison, PE, PTOE
SUBJECT: Screening and Evaluation Methodology
CC: Michael Horntvedt
PROJECT NUMBER: 554-1896-176
PROJECT NAME: Joint Compatibility Transportation Plan

INTRODUCTION

The purpose of this memorandum is to present the approach to screening, evaluating, and ranking potential improvements for the JCTP project.

SCREENING AND EVALUATION PROCESS

Potential alternatives will be developed based on findings from the public survey; traffic analysis; past input from local clubs, neighborhoods, and studies; outcome of Workshop #1; and input from the Community Sounding Board. Following development of potential alternatives, a multi-step screening process is proposed to identify, screen, evaluate and rank potential improvements. This process will be guided by the study goals and includes these steps:

1. Screen strategies for feasibility
2. Combine improvements into alternative packages
3. Prioritize study goals relative to each other.
4. Evaluate alternative package effectiveness using performance measures.
5. Determine how performance measures will be scored

Step 1 – Screen alternatives for feasibility

This first level screening will be a qualitative evaluation that measures the feasibility of proposed alternatives. The alternatives will be screened with the following metrics:

1. Is it consistent with goals of the study?
2. Is it feasible (e.g City management support, neighborhood support, supports base operations (on the Base), does it seem cost effective?
3. Has it been found to be ineffective by a previous study or plan?

Step 2 - Combine improvements into alternative packages

Following the feasibility screening, proposed improvements will be combined into different alternative packages. The alternative packages will be developed based on input from the Study Team, with guidance from the Community Sounding Board.

Step 3 – Prioritize study goals relative to each other

The study goals will be discussed at the second CSB meeting, scheduled for July 2021. Draft study goals include the following:

- **Travel Times and Reliability:** Improve travel times to/from downtown Bremerton and make them more predictable.
- **Mobility:** Increase the transportation system's ability to efficiently move all people and goods.
- **Safety:** Improve safety and reduce serious injury and fatal crashes
- **Active Transportation:** improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone.
- **Economic Vitality:** Project has the potential to improve economic investment in 4 categories (traffic, transit, pedestrian/bicycle, and aesthetic enhancements).
- **Parking:** Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods.

Following final definition of the study goals, the study team will use input from the Community Sounding Board (CSB) to prioritize the study goals. The study team will use a methodology called “forced-choice pair comparison” (example table in **Exhibit 1**) a common tool for developing group priorities. The purpose of this step is to allow the Community Sounding Board to determine which study goals are most important in evaluating the effectiveness of modeled scenarios.

Each Community Sounding Board member will be provided with a table to readily make pair-wise comparisons between study goals to decide which one is more important (or to decide both are equally important) in terms of the study purpose, their organization’s priorities, and performance of the transportation system (as well as any other considerations they thought were important). The study team will share the public survey results with the CSB consider as they prioritize the study goals. The study team will compile the pair-wise comparisons and average them by goal area to create a group weighting.

Two criteria, in addition to those listed above, will also be evaluated, but not included in the pair-wise comparison, as they are a qualitative assessment of the how the goals above work together. The two additional study goals include the following:

- **Base Accessibility:** Improve Base accessibility for NBK-BR workers.
- **Livability:** Improve overall livability for Bremerton residents.

These two study goals will be evaluated using a qualitative assessment of combinations of other metrics evaluated above. For example, a project that removes parking near base and improve worker driver program may be neutral change for Base Accessibility but a positive change for Livability. A project that relocates parking for workers outside of downtown and provide a shuttle service to downtown would have a positive change on both Base Accessibility and Livability.

Exhibit 1: Example of “forced-choice pair comparison” exercise to develop study goal priorities

Study Goals		A	B	C	D	E	F	Total Count	Priorities
		Travel Time Reliability	Mobility	Safety	Active Transportation	Economic Vitality	Parking		
A	Travel Times and Reliability: Improve travel times to/from downtown Bremerton and make them more predictable	A	A	A	A	A/E	A	5.5	26%
B	Mobility: Increase the transportation system's ability to efficiently move all people and goods		B	B	D	E	B	3	14%
C	Safety: Improve safety and reduce serious injury and fatal crashes			C	C/D	C/E	C	3	14%
D	Active Transportation: improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone				D	E	E/F	2.5	12%
E	Economic Vitality: Project has the potential to improve economic investment in 4 categories (traffic, transit, pedestrian/bicycle, and aesthetic enhancements)					E	E	5.5	26%
F	Parking: Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods						F	1.5	7%
SUBTOTALS								21	100%

Step 4 – Evaluate alternative package effectiveness using performance measures.

The study team proposed the following performance measures to evaluate each alternative's ability to meet the goals of the study. These performance measures will be evaluated using a mostly quantitative analysis and are shown in **Exhibit 2**. The scoring of alternatives will be independent of the pair-wise comparison and weighting of criteria. Exhibit 2 also illustrates analysis methods proposed to evaluate the effectiveness of the performance measures.

Step 5 – Determine how performance measures will be scored.

The study team will evaluate and score the alternatives based on several elements, as described below.

1. For each performance measure, the alternatives will be scored on a range from -1 to +3. In general, the scores are proposed to follow these general parameters:
 - Score of -1: Project is expected to make conditions worse than the 2050 No Build
 - Score of +1: Project does not change conditions compared to 2050 No Build
 - Score of +2: Project improves conditions compared to 2050 No Build (range varies depending on study goal)
 - Score of +3: Project creates even greater improvements compared to 2050 No Build (range varies depending on study goal)

Exhibit 3 illustrates the specific scores for each performance measure.

2. Several of the study goals include more than one performance measure. A score will be assigned to each performance measure and then the individual scores will be rolled up into one overall score for the study goal area. For example, the study goal area of "improve safety and reduce serious injury and fatal crashes" includes two performance measures: 1) number of overall crashes 2) number of serious injury and fatal crashes. Each scenario's score for these two measures will be rolled up to create a performance score for the goal.
3. Apply criteria weighting developed in Step Three (if applicable) to the goal area effectiveness score described above, yielding the overall performance score.

Appendix I

First Level Screening Results



Joint Compatibility Transportation Plan
First Level Screening

#	Improvement Idea	Notes on Improvement	Is it consistent with the study goals?	Is it feasible?	Is it ineffective according to previous studies?	First Level Screening Result
New / Expanded Parking						
PC1	Add park and ride in West Bremerton and establish frequent shuttle service between P&R and NBK BR	Covered by PC6, PC7, T8	N/A	N/A	N/A	FAIL
PC2	Added parking outside of downtown with frequent shuttle service	Covered by PC6, PC7, PC 11, T8	N/A	N/A	N/A	FAIL
PC3	Add more parking in Port Orchard and increase foot-ferry frequency for Port Orchard and Annapolis	Assume this occurs as part of a Kitsap Transit and/or Port Orchard project. Need to consider changes to Kitsap foot ferry frequency to accommodate higher demand.	Yes	Yes	No	PASS
PC4	Add capacity at McWilliams Park & Ride	Needs to consider higher frequency transit (BRT) and SR 303 Corridor Study projects.	Yes	Yes	No	PASS
PC5	Partner with Port of Bremerton to provide parking and run shuttles from PSIC		Yes	Yes	No	PASS
PC6	Park & Ride near SR 3/Kitsap Way interchange (Austin Dr or Auto Center Dr)	Input from Kitsap Transit regarding # of stalls needed.	Yes	Yes	No	PASS
PC7	Park & Ride near SR 3/Loxie Eagans interchange (West Hills)	Input from Kitsap Transit regarding # of stalls needed.	No	Yes	No	FAIL
PC8	Add park and ride locations outside of Downtown	Covered by PC6, PC7, PC 11	N/A	N/A	N/A	FAIL
PC9	Park-and-Ride near downtown similar to Gateway		No	Yes	Yes	FAIL
PC10	Park and Ride at Port	Repeat of PC11	N/A	N/A	N/A	FAIL
PC11	Park & Ride in Port Orchard	Covered by PC3	N/A	N/A	N/A	FAIL
PC12	Expand parking through public/private partnerships. New downtown parking should be mixed-use with active street-level uses.	This assumes parking lots would be constructed to include retail, living, or business space on some levels and parking on others.	Yes	Yes	No	PASS
PC13	4th and 5th between Park and 303; make one way with angled parking and improve access management		Yes	Yes	No	PASS
PC14	Add large parking garage to block between Burwell and 4th, from Warren to Park	Parking lot would be sized to accommodate traffic growth into downtown. Parking is allowed by zoning at this location. This is adjacent to Burwell tunnel, 5 owners to negotiate with and some vacant, both Fed and Washington Ave would fit here, provides easy access to east end of the base. Include a K&R too.	Yes	Yes	No	PASS
PC15	Increase the number of multi-level parking structures (not single-level lots)	Covered by PC14	N/A	N/A	N/A	FAIL
PC16	Adding more affordable parking downtown	Reducing cost could increase demand for parking.	Yes	Yes	No	PASS
PC17	Park & Ride along SR 3 near Port of Bremerton (south end near SW Lake Flora Rd or north end near Bree Dr or Victory Dr SW)		Yes	Yes	No	PASS
Capacity Projects (changes in lanes, signals, intersection control, etc.)						
C1	Improve SR 3/Kitsap Way interchange: update signals or replace with roundabouts at ramp terminals		Yes	Yes	No	PASS
C2	Convert signals at SR 3/Loxie Eagans interchange to roundabouts		Yes	Yes	No	PASS
C3	Design Washington Avenue/Manette Bridge roundabout to accommodate Year 2050 growth	Add northbound right-turn slip lane to reduce v/c ratios for northbound approach. A meter on the southbound approach operates well above v/c of 1.0	Yes	No	No	FAIL
C4	Replace all City signals with RABs in downtown		No	No	No	FAIL
C5	Access management on Kitsap Way between Corbett Dr and Oyster Bay	Access management includes ideas like combining multiple driveway access points into one with controlled entry/exit onto main arterial.	Yes	Yes	No	PASS
C6	Add westbound lane on Kitsap Way between west of 11th Street and National Ave and add a second left-turn lane at National Ave/Kitsap Way intersection		Yes	Yes	No	PASS
C7	Add westbound business access transit (BAT) lane along Kitsap Way (11th St to SR 3)		Yes	Yes	No	PASS
C8	Add northbound right-turn pocket at Naval Ave/Burwell St that is being removed as part of the Naval Ave road diet project	Proposed Naval Ave road diet project will degrade traffic operations	Yes	Yes	No	PASS
C9	Add roundabouts at Naval Ave/Burwell St, State St/Burwell St, Chester St/Burwell St, and Warren Ave/Burwell St		Yes	Yes	No	PASS
C10	Reconfigure Callow Ave/Burwell St intersection to be grade-separated	Grade-separated intersection of South Center Blvd/Klickitat as an example	Yes	Yes	No	PASS
C11	Build road/ramps directly from SR 3 to Charleston Gate		Yes	No	No	FAIL
C12	Add capacity on SR 3, especially in southbound direction, as recommended in the SR 16 Tacoma Narrows Bridge to SR 3 Congestion Study.		Yes	Yes	No	PASS
C13	Build a bypass to PSIC	Location TBD based on conversation at Workshop #2.	Yes	Yes	No	PASS
C14	Add capacity at SR 3/SR 304 interchange, including a SR 3 SB off-ramp to SR 304		Yes	No	No	FAIL
C15	Reversible lane along SR 3	Reversible lanes involve electronic control with barrier separation of the reversible lane or crews need to move barriers/cones.	Yes	Yes	No	PASS
C16	Add northbound HOV lane along SR 304 from SR NB Off-Ramp merge to Farragut St intersection	Could be managed as HOV during peak hours only.	Yes	Yes	No	PASS
C17	Dedicated transit lane along Kitsap Way	Repeat of C7	N/A	N/A	N/A	FAIL
C18	Dedicated transit lane through Gorst (must be paired with enforcement)		Yes	Yes	No	PASS
C19	BAT lanes or dedicated center lanes along future BRT corridor SR 303	Repeat of C29	N/A	N/A	N/A	FAIL
C20	Change signal timing to include all-way pedestrian phase at State/Burwell and Park/Burwell intersections		Yes	Yes	No	PASS
C21	Add leading pedestrian intervals to all signals	A leading pedestrian interval (LPI) gives pedestrians the opportunity to enter an intersection 3-7 seconds before vehicles are given a green indication.	Yes	Yes	No	PASS
C22	Dedicated transit road from SR 3 to downtown		Yes	No	No	FAIL
C23	Transit signal priority (TSP) at every signalized intersection along transit corridors	Transit signal priority provides opportunity for buses to extend the length of green time at a traffic signal so the bus doesn't have to stop. This improves bus travel time and reliability.	Yes	Yes	No	PASS
C24	Road diets on 6th St and 11th St to provide bike facilities	A road diet includes the repurposing of underused travel lanes and/or parking to provide bicycle lanes, wider sidewalks with buffer, and transit improvements. It is intended to more efficiently use the roadway space.	Yes	Yes	No	PASS
C25	Ramp meters on all on-ramps from Kitsap Way, Loxie Eagans, and SR 304		Yes	Yes	No	PASS
C26	Traffic Management Center	This concept provides the city with additional flexibility to modify notification signs about closures, dynamic speed signs if used (none identified at the point), and provide travel time information via vms.	Yes	Yes	No	PASS
C27	Variable message signs	Variable message signs are typically controlled at a station and can include notifications to the traveling public as needed. Locations would be dependent on the parking strategies. Could have signs along SR 3 to indicate parking availability at new remote parking, could have them on Charleston to indicate when downtown parking is full or show number of spaces.	Yes	Yes	No	PASS
C28	Incident response on SR 3	Adding service trucks along SR 3 that could respond to crashes or incidents and decrease the amount of time a lane is partially blocked or closed.	Yes	Yes	No	PASS
C29	Build projects proposed in SR 303 study	All analysis completed as part of the SR 303 Corridor study through the year 2040	Yes	Yes	No	PASS
	Widen Warren Avenue Bridge to include 10' sidewalks on both sides		Yes	Yes	No	PASS
	Sidewalks at both north and south ends that are forward-compatible with long-term plan		Yes	Yes	No	PASS
	Active transportation facility to connect to Lebo Boulevard on the north side of the bridge		Yes	Yes	No	PASS
	Provide wayfinding for active transportation		Yes	Yes	No	PASS
	Bicycle facilities south of the bridge between SR 303 and Park Avenue		Yes	Yes	No	PASS
	Bicycle facilities on Almira Drive from Sylvan Way to NE Riddell Road		Yes	Yes	No	PASS
	Build a mid-block pedestrian crossing north of Dobb Street and provide a pedestrian hybrid beacon and pedestrian refuge island		Yes	Yes	No	PASS
	Build a mid-block pedestrian crossing between 6th Street and 11th Street and provide a pedestrian hybrid beacon signal and pedestrian refuge island		Yes	Yes	No	PASS
	Build a mid-block pedestrian crossing north of Pearl Street and provide a pedestrian hybrid beacon and pedestrian refuge island		Yes	Yes	No	PASS
	Build a mid-block pedestrian crossing between Hollis Street and NE Riddell Road and provide a pedestrian hybrid beacon and pedestrian refuge island		Yes	Yes	No	PASS
	Update lane striping along SR 303 to delineate active transportation facilities		Yes	Yes	No	PASS
	Improve striping along Callahan Drive tunnel to show active transportation facility		Yes	Yes	No	PASS
	Install pedestrian crossing treatment at 4th Street and 5th Street		Yes	Yes	No	PASS
	Bicycle facilities from Callahan Drive to Cherry Avenue using lower Wheaton Way, Spruce Avenue, and E 30th Street		Yes	Yes	No	PASS
	Build a mid-block pedestrian crossing at Sheridan Road and Spruce Avenue		Yes	Yes	No	PASS
	Bicycle facilities on Callahan Drive from SR 303 to lower Wheaton Way using existing tunnel under SR 303		Yes	Yes	No	PASS

Joint Compatibility Transportation Plan
First Level Screening

#	Improvement Idea	Notes on Improvement	Is it consistent with the study goals?	Is it feasible?	Is it ineffective according to previous studies?	First Level Screening Result
	Provide 10' wide sidewalks at the following locations: SR 303 to Almira Drive using NE 32nd Street through Old East Bremerton High School, connecting near Dibb Street Wheaton Way Transit Center to Pine Road NE using NE Normandy Drive or NE Roswell Drive to access Clogston Avenue NE		Yes	Yes	No	PASS
	Construct a paved active transportation facility from Cherry Avenue to Almira Drive		Yes	Yes	No	PASS
	Bicycle facilities on Almira Drive from Cherry Avenue to Sylvan Way		Yes	Yes	No	PASS
	Complete sidewalk connection from south end of Warren Ave Bridge to existing sidewalk south of 18th Street		Yes	Yes	No	PASS
	Widen sidewalk to 10' on west side of SR 303 between 13th Street and Warren Avenue Bridge		Yes	Yes	No	PASS
	Construct a tunnel under SR 303 for an active transportation undercrossing, connecting Olympic College to east side of SR 303		Yes	Yes	No	PASS
	Active transportation facilities on 18th Street through Olympic College to Broadway Avenue		Yes	Yes	No	PASS
C30	Roadway improvements to get employees out of NBK and onto SR 3 SB	Covered by C12, C14, C16	N/A	N/A	N/A	FAIL
C31	Signalize intersections near proposed Park & Rides	Consider need for full signal or possibly providing a pedestrian signal.	Yes	Yes	No	PASS
C32	Add roadway capacity along Burwell St	Adding roadway capacity from Warren Ave to Hewitt would require widening of the road and ROW purchase or removal of parking during peak periods.	Yes	Yes	No	PASS
C33	Widen or add road through Gorst	To be considered as part of Gorst project.	Yes	Yes	No	PASS
C34	Build bridge to Port Orchard		No	No	No	FAIL
C35	Adaptive signal timing at all signalized intersections		Yes	Yes	No	PASS
C36	Improve traffic flow outside shipyard	Covered by C8, C9, C10, C11, C32	N/A	N/A	N/A	FAIL
C37	Building a bridge that connect SR 3 to SR 16		Yes	No	No	FAIL
C38	Build projects proposed in Bremerton Strategic Road Safety Plan		Yes	Yes	No	PASS
C39	Replace signals with roundabouts along Kitsap Way between Shorewood Dr and National Ave	RABs work for operations along Kitsap Way except at Kitsap/Marine Dr and Kitsap/11th	Yes	Yes	No	PASS
Projects on Base						
B1	Move some Base operations (e.g. NEX) to Bangor		No	No	No	FAIL
B2	Stagger shipyard shifts, especially with ferry arrivals		No	No	No	FAIL
B3	Improve gate progression to decrease queuing in the AM peak by adding a lane at gate(s)	Add lanes at Charleston, Naval, and Montgomery gates. Adding a lane at the gate(s) would also require another guard for id check.	Yes	Yes	No	PASS
B4	Move gates further into the Base to reduce queuing on City streets		Yes	Yes	No	PASS
B5	Add commuter parking on Base	Repeat of B7	N/A	N/A	N/A	FAIL
B6	More parking at NBK-BR	Repeat of B7	N/A	N/A	N/A	FAIL
B7	Add parking on Base. Relocate fence west of NBK-BR parking lot to the east and build up the parking lot. Provide shuttle along 1st to loop onto Burwell		Yes	Yes	No	PASS
B8	Enhance access to Base from the West to reduce congestion in Downtown	Covered by C11, C14	N/A	N/A	N/A	FAIL
B9	Explore enhanced use lease to add private parking garages on base	Enhance use lease is a program that allows private companies to lease land on base to operate a parking facility.	Yes	Yes	No	PASS
B10	Create new entry points at NBK-BR for vehicles and peds		Yes	Yes	No	PASS
B11	Further limit vehicle access entry points to base		Yes	Yes	No	PASS
B12	Revise State St gate to remove ped/vehicle conflicts	Repeat of AT42	N/A	N/A	N/A	FAIL
B13	Increase parking for shipyard employees specifically	Covered by B7, B9	N/A	N/A	N/A	FAIL
B14	Stagger shipyard employee shifts to reduce traffic congestion	Repeat of B2	N/A	N/A	N/A	FAIL
B15	Expand service area of shipyard shuttle buses (Gorst, Port Orchard, etc.)		Yes	Yes	No	PASS
B16	Allow bikes in shipyard		Yes	Yes	No	PASS
B17	Relocate fence west of NBK-BR parking lot to the east and build up the parking lot. Provide shuttle along 1st to loop onto Burwell	Repeat of B7	N/A	N/A	N/A	FAIL
B18	Open Montgomery gate in both directions during peak hours.		Yes	Yes	No	PASS
Transit Service / Frequency						
T1	Allow KT to run bus routes onto the base (excluding the PSNS&IMF)	This occurred prior to 9-11	Yes	No	No	FAIL
T2	Concentrate worker/driver routes along main corridors		No	Yes	No	FAIL
T3	Ferry service from West Seattle		No	No	No	FAIL
T4	Change worker/driver to pick up and drop off at same point to accommodate non-Base employees		Yes	Yes	No	PASS
T5	Dedicated transit for uniformed Base employees (DOD-supplied shuttle service)	Uniformed Base employees are able to use the worker/driver buses	Yes	Yes	No	PASS
T6	More bus routes to the shipyard		Yes	Yes	No	PASS
T7	Micro transit to main corridors that have frequent/BRT routes	Micro transit is an on-call transit service that uses vans or small shuttles that allows for flexible schedules.	Yes	Yes	No	PASS
T8	Shuttle service between Park & Rides and downtown Bremerton (regular bus route with high frequency)		Yes	Yes	No	PASS
T9	Downtown circulator bus	Repeat of T8	N/A	N/A	N/A	FAIL
T10	Increase capacity or frequency of Port Orchard and Annapolis ferries	Repeat of PC3	N/A	N/A	N/A	FAIL
T12	Commuter boats to cross Port Washington Narrows		No	No	No	FAIL
T13	Change minimum usage for worker/driver program	There is not currently a minimum usage requirement	N/A	N/A	N/A	FAIL
T14	More drivers for Kitsap Transit to increase frequency		Yes	Yes	No	PASS
T15	Cover more shift times with bus and/or worker/driver		Yes	Yes	No	PASS
T16	2 different early morning worker/driver buses		Yes	Yes	No	PASS
T17	Expand vanpool program		Yes	Yes	No	PASS
T18	Add worker/driver vans and change frequency to more than once each direction for some routes	Some worker/driver buses are already near or at capacity	Yes	Yes	No	PASS
T19	Worker/driver late bus (similar to sports team buses) or on-call shuttle		Yes	Yes	No	PASS
T20	Larger ferries or more frequency for fast ferry routes (particularly Annapolis FF)	Repeat of T10 and PC3	N/A	N/A	N/A	FAIL
T21	Utilize Navy rail line for commuter rail (or bus/rail combo)	Repeat of O4	N/A	N/A	N/A	FAIL
T22	Kiss and rides near all gates	Kiss and rides are locations where people can pull out of the traffic stream to let people out of their car to catch a bus. In this case it would be locations to drop passengers so they can walk onto the base. Can reduce need for parking, but does not reduce volume.	Yes	Yes	No	PASS
T23	Expanded area for bus service (both origin and destination)		Yes	Yes	No	PASS
T24	Incentive system for using alternative transportation modes (ex: by passing traffic lights, bus only lanes)	Covered by C7, C18, C22, C23, C29	N/A	N/A	N/A	FAIL
T25	Improve ferry system (increase capacity, more reliable schedule, increase area service)		Yes	Yes	No	PASS
T26	Shuttle service between Bangor and NBK-BR		Yes	Yes	No	PASS
T27	WSF should add Bike Parking to their facilities		Yes	Yes	No	PASS
Active Transportation						
AT1	Construct a mobility hub at the Gateway Park & Ride for first/last mile connections. Project may include space for bike share, scooter share, car share, as well as curb space for ride hailing service pickups like Uber and Lyft.	A Mobility Hub is a centralized point where different modes of transportation come together seamlessly. It can include space for bike share, scooter share, car share, as well as curb space for ride hailing services pickups like Uber and Lyft. They are placed in strategic locations, typically where employment, housing, shopping, transit, and/or recreation are concentrated.	Yes	Yes	No	PASS
AT2	Pedestrian overpass to Charleston gate	Repeat of AT8	N/A	N/A	N/A	FAIL
AT3	Add well-lit crosswalks at the bus stop (Montgomery & 6th) to improve access to Gateway Park and Ride.		Yes	Yes	No	PASS
AT4	Remove the existing sharrow located on the eastern portion of Kitsap Way and replace with bike lanes.		N/A	N/A	N/A	FAIL
AT5	Within the 5-minute walksheds, upgrade all sidewalks in Fair, Marginal, Poor, or Very Poor condition; add sidewalks where missing; and upgrade marked and unmarked crossings to be ADA compliant.		Yes	Yes	No	PASS
AT6	Add reasonably spaced pedestrian crossings	Similar to SDOT and other cities; need to consider complimentary actions needed to actually lower speeds (e.g. road diet, dynamic speed signs)	Yes	Yes	No	PASS
AT7	Ped bridge from Port Orchard		No	No	No	FAIL
AT8	Construct a grade-separated crossing on Charleston Blvd, either at Charleston Beach Rd or Farragut St. Between the two, Charleston Beach Rd has a wider area of coverage for pedestrians to cross, with heavy traffic volumes, so this intersection should be prioritized.	Grade separated refers to a bridge or tunnel that goes over or under a roadway.	Yes	Yes	No	PASS

Joint Compatibility Transportation Plan
First Level Screening

#	Improvement Idea	Notes on Improvement	Is it consistent with the study goals?	Is it feasible?	Is it ineffective according to previous studies?	First Level Screening Result
AT9	Construct at-grade crossing enhancements at Charleston Blvd/Charleston Beach Rd such as improved intersection geometries, new paint, and leading pedestrian intervals.		Yes	Yes	No	PASS
AT10	Construct at-grade pedestrian crossing enhancements at Charleston Blvd/Farragut St such as improved intersection geometries, continental striping, and leading pedestrian intervals. Install sensors to detect bikes at the traffic signal. To address vehicle-bike conflicts at Charleston Gate resulting from high speed right turn movements across the bicycle lane/shoulder, consider design treatments to buffer bicyclists from turning vehicles.		Yes	Yes	No	PASS
AT11	Stripe the crosswalk at Charleston Blvd/Rodgers St by the bus stop.		Yes	Yes	No	PASS
AT12	Construct a grade-separated crossing over Burwell St near State St/Burwell St intersection.		Yes	Yes	No	PASS
AT13	Gondola from Port Orchard to Bremerton.		No	No	No	FAIL
AT14	Construct an off-street trail from Gorst to downtown Bremerton. The trail will be 12 feet wide for bicyclists and pedestrians, and will not coincide with the roadway.	<i>This refers to a bicycle and pedestrian trail that would be 12 feet wide and not coincide with the roadway. Some level of buffer between the road edge and trail would be necessary. Details would be worked out in a future Gorst project.</i>	Yes	Yes	No	PASS
AT15	Establish safe east/west walking routes along the north perimeter of the base (e.g. Burwell St and 1st St to Charleston Blvd), including wayfinding and sidewalks. Stripe a crosswalk and consider additional enhanced crossing elements on Anoka Avenue at Burwell St, and at Burwell St and N Callows Ave to facilitate easier pedestrian crossings. Implement sidewalks and crosswalks on 1st Street to make it a viable option for pedestrians, and extend the sidewalk on Chester Ave to connect Burwell Street to 1st Street. Fill the sidewalk gaps along Burwell St east of Naval Avenue. Additional wayfinding could be implemented at Burwell Street and Pacific Avenue to direct people to nearby attractions and the Naval Base.		Yes	Yes	No	PASS
AT16	Upgrade pedestrian facilities in the vicinity of all pedestrian gates at NBK-BR to establish a safe, comfortable walking route to the Base. Widen sidewalks along Montgomery Ave, Naval Ave, and State St. Consider pedestrian safety enhancements near the bus stops on Burwell Ave.		Yes	Yes	No	PASS
AT17	Upgrade pedestrian facilities on Montgomery Ave from 6th St to 1st St to establish a safe, comfortable walking route from the Gateway P&R to the Base by widening the sidewalks along Montgomery Ave and adding ADA-complaint curb ramps at the intersection of Montgomery Ave/Burwell St.		Yes	Yes	No	PASS
AT18	Inventory sidewalk obstructions/disrepair/ADA issues throughout downtown and identify priority locations for upgrades	<i>Already a requirement</i>	Yes	Yes	No	PASS
AT19	Install bike locker parking outside (and/or inside) the State Street, Burwell, and Bremerton gates. Naval and Charleston would also benefit from bike parking, but are less of a priority due to lower pedestrian traffic.		Yes	Yes	No	PASS
AT20	Explore pedestrian/bike upgrades near the Charleston gate to incentivize their use. From the city's non-motorized plan, Charleston Gate is mentioned as a high vehicle-bicycle conflict area due to high speed right turn movements across the bicycle lane/shoulder. According to the bike network workshop, there are still issues regarding bike proximity sensors (or lack thereof), so a solution could be to install such sensors to enhance bicycle commuting. Additional curb treatments could be implemented to allow bicycles larger buffers from turning vehicles at the intersection, along with the addition of bike lanes or an off street trail.		N/A	N/A	N/A	FAIL
AT21	Extend the planned bike facilities to provide bike access to the Charleston, Montgomery, Naval, and State gates. Treatments at specific intersections; see above for Charleston Gate. Montgomery Avenue between 1st and 6th street is flat, low volume, and suitable for low stress bicycle networks (could potentially act as a neighborhood greenway). Addition of bicycle facilities or even a greenway would give access to this gate for cyclists, and there are little to no sidewalk gaps along Montgomery posing little problems to pedestrian access. Regarding Naval Gate, preliminary design work does not show relationship between bike facilities, but the non-motorized transportation plan does recommend bike facilities along Naval Avenue as well as specific intersection treatments at various crossings (examples include crosswalk restriping and sidewalk improvements). Regarding State Gate, there are high pedestrian volumes and many sidewalks surrounding State Gate are in good shape. There are no bicycle facilities along State Street and there aren't plans for facilities found in the non-motorized transportation plan. Projects could include the addition of such facilities such as planned sharrow or bike lane extensions.		N/A	N/A	N/A	FAIL
AT22	Develop a biking map of downtown Bremerton, including how to access/navigate the Base by bike		Yes	Yes	No	PASS
AT23	Evaluate what planned bike facilities can be upgraded to provide more comfort (e.g. bike lane instead of sharrows, protected bike lane instead of bike lane, etc.), focusing establishing continuous networks without gaps. Burwell Street has limited right of way that could potentially fit a bike lane; this street would need greater protection than a sharrow due to higher traffic volumes and speed. Construct an off-street bike facility on 1st Street southbound. Additional improvements could include a replacement of on-street parking with a bicycle lane along Pacific Avenue, extending planned bike lanes west to entirely cover 11th Street from Kitsap Way, and constructing bike lanes along Montgomery Avenue instead of sharrows.		N/A	N/A	N/A	FAIL
AT24	Implement bike/ped improvements proposed by the SR 303 Study. Need better N/S connection for cyclists in the vicinity of Warren Ave.	<i>Repeat of C29</i>	N/A	N/A	N/A	FAIL
AT25	Improve pedestrian crossings on Kitsap Way/6th Street: Stripe new high-visibility crosswalks on 6th Street at Montgomery Avenue, High Avenue, and Chester Avenue. Implement crossing enhancements at the 6th Street and SR-3 interchange, such as restriping, stop bars, signage to yield to pedestrians, and ADA upgrades. Enhance crosswalks at Kistap Way/National Ave, Kitsap Way/Oyster Bar Ave, Kistap Way/Ostrich Bay Ave, to provide striping at all sides of the intersection. Add a PHB or signal between Morgan Road and Corbet Drive to provide access to the bus stops and businesses.	<i>Consideration for crossings at, or near, bus stops could help to encourage transit use on the corridor.</i>	Yes	Yes	No	PASS
AT26	Upgrade Charleston Blvd to be more comfortable for people walking and biking. This includes adding new crossings, upgrading existing crossings, and adding protected bike lanes. A new crossing should be constructed at the bus stop before Charleston Blvd/Farragut St, and at Charleston Blvd/Rodgers St. Improve the existing crossing at Charleston Blvd/Farragut St with high visibility striping and consider an enhanced pedestrian crossing.		N/A	N/A	N/A	FAIL
AT27	Improve the sidewalk conditions in the neighborhood west of Charleston Blvd. (There are sidewalk gaps approaching Charleston Blvd along Cambria Avenue, missing curb ramps on sidewalks, and many sidewalks that are uneven and made with gravel. Lafayette Avenue has the same sidewalk profiles, with more intersections and transit stops along the corridor that need ADA improvements. Fill sidewalk gaps on Summit Avenue.)	<i>A lot of people are moving to this area and not many full width/ada accessible sidewalks.</i>	Yes	Yes	No	PASS
AT28	At the intersection of Burwell St/Park Ave, improve visibility of pedestrians crossing the street by adding leading pedestrian intervals. Consider additional signage to remind drivers to look for pedestrians, such as in pavement lighting or a flashing signal on the eastern approach to the signal to warn drivers accelerating out of the tunnel to slow for the signal/pedestrians. Consider removing the tree at the NE corner of the intersection to increase pedestrian visibility/sight distance for drivers.		Yes	Yes	No	PASS
AT29	Remove the proposed sharrow along Union Ave W between Werner Rd and Earhart St from future construction plans.	<i>The proposed sharrow is not feasible given terrain and cost</i>	Yes	Yes	No	PASS
AT30	Provide pedestrian safety enhancements at Callow Ave/1st St, such as adding a signalized pedestrian crossing, and re-striping the crosswalk with high visibility paint.	<i>People get stranded in the median. There have been some ped accidents. Right by the Pho restaurant. Also a transit stop here. Possibly relocate cross-walk to north side of intersection. Consider HAWK signal.</i>	Yes	Yes	No	PASS
AT31	Add crosswalks on Hewitt Avenue north and south of Burwell Street, and Anoka Avenue at Burwell Street.		Yes	Yes	No	PASS
AT32	Relocate the bike lanes on the Manette Bridge to be adjacent to the sidewalk, on the other side of the concrete barrier	<i>Widened sidewalks across bridge part of SR 303 Corridor Study</i>	Yes	Yes	No	PASS
AT33	Add crosswalk at Highland Ave/11th St		Yes	Yes	No	PASS
AT34	Implement wayfinding throughout downtown Bremerton for pedestrian routes and bicycle routes to help people navigate to popular destinations (e.g. Manette, ferry, parks, etc.)	<i>Wayfinding refers to adding signs, kiosks, apps that help people navigate a city using the sidewalk or bicycle network.</i>	Yes	Yes	No	PASS
AT35	Modify approach to sidewalk design in Bremerton so new constructed sidewalks do not have vertical barriers (i.e. returned curbs)	<i>While these are ADA compliant, they are not best practice, as they perpetually trap debris and require cleaning by hand in many cases; can be a tripping hazard; and create tight pedestrian environments. We do not recommend redoing these locations, but when locations that are not ADA compliant get upgraded, we recommend moving away from this approach. This recommendation may be better suited outside the context of this project list.</i>	Yes	Yes	No	PASS
AT36	Extend the bike lane on Washington Avenue to the ferry terminal		N/A	N/A	N/A	FAIL
AT37	Naval Avenue Elementary School Safe Routes To School (SRTS) improvements - inventory bike/ped facilities in the walking catchment area and identify specific improvements to make it safer to walk and bike	<i>Project from the Non-Motorized Plan</i>	Yes	Yes	No	PASS
AT38	Bremerton High School SRTS improvements - inventory bike/ped facilities in the walking catchment area and identify specific improvements to make it safer to walk and bike	<i>Project from the Non-Motorized Plan</i>	Yes	Yes	No	PASS
AT39	More protected bike lanes and storage	<i>Covered by AT4 and AT19</i>	N/A	N/A	N/A	FAIL
AT40	Safety for pedestrians (streetlights, intersection crossings, improve/add sidewalks, infrastructure to support slower speeds in residential areas)	<i>Covered by AT5, AT8, AT9, AT10, AT11, AT12, AT15, AT16, AT18, AT28, AT30</i>	N/A	N/A	N/A	FAIL
AT41	Improve pedestrian infrastructure to shipyard	<i>Covered by AT5, AT8, AT9, AT10, AT11, AT12, AT15, AT16, AT17, AT20, AT26, AT28, AT30, AT31</i>	N/A	N/A	N/A	FAIL
AT42	Revise State St gate to remove ped/vehicle conflicts	<i>Solutions could include speed humps along 1st St to slow down vehicles, signs to warn vehicles of pedestrian activity, and defined areas for pedestrians to queue before entering the gate</i>	Yes	Yes	No	PASS

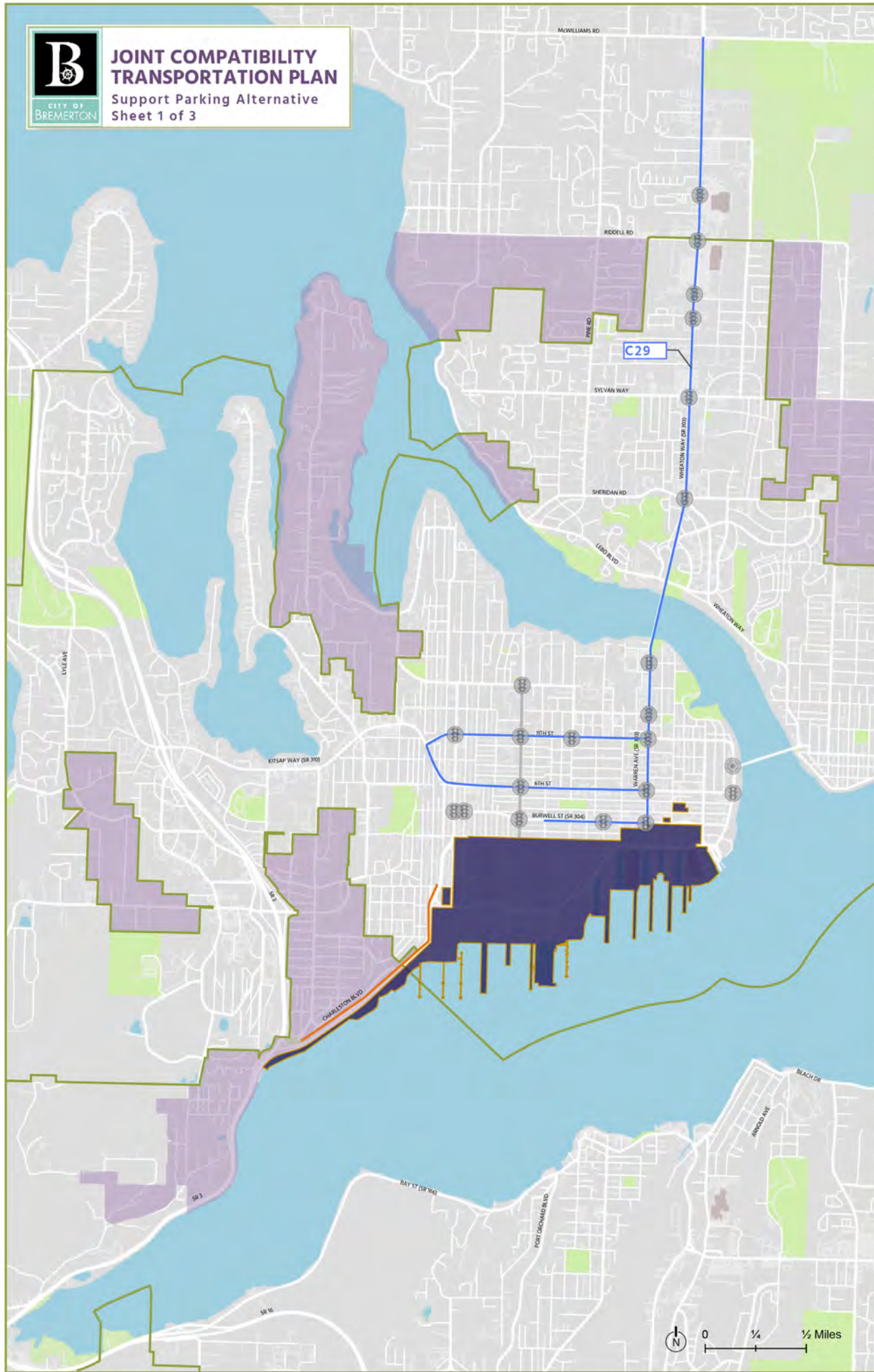
**Joint Compatibility Transportation Plan
First Level Screening**

#	Improvement Idea	Notes on Improvement	Is it consistent with the study goals?	Is it feasible?	Is it ineffective according to previous studies?	First Level Screening Result
AT43	Evaluate safety enhancements at the site of the pedestrian fatality near the Kitsap Way/Morgan Road intersections, including an enhanced crosswalk such as a pedestrian crossing signal such as an RRFB or pedestrian hybrid beacon.		Yes	Yes	No	PASS
AT44	Install motorcycle parking outside (and/or inside) the State St and Charleston gates.		Yes	Yes	No	PASS
AT45	Provide low-stress bike connections to Olympic College by adding wayfinding and low-stress connections from 13th/Ohio to 16th/Warren. The SR-303 Corridor study proposes future bike facilities around Warren Avenue, specifically along the west side of Warren Avenue from 16th Street to 18th Street, along with a tunnel crossing Warren Avenue at 16th Street. The bike route would be on 16th Street and Chester Avenue (a path that runs through Olympic College that could potentially be a shared use path). Explore the possibility of extending 18th Street in North OC to allow bicyclists to access Ohio Avenue; this avoids major inclines and provides a low-stress bike corridor along Ohio Avenue. This project will require coordination with Olympic College.		Yes	Yes	No	PASS
AT46	Construct a bike boulevard on High Street through downtown Bremerton including sharrows and wayfinding. High Street is 20 mph and primarily residential. There are not significant inclines across High St outside of a short hill approaching 7th Street. Adjacent roads such as 11th Street and 13th Street are very steep and would be challenging for bicyclists. Modify the RRFB at High St/Burwell St so the push buttons can be used by bicyclists without dismounting and consider additional signage.		Yes	Yes	No	PASS
AT47	Construct separated bike facilities on Naval Avenue from 13th St to 1st St. Install bicycle signals at major intersections on Naval Avenue. Additional sensors need to be implemented at major intersections such as Burwell, 6th, and 11th Streets, as bike users are not currently triggering signal lights. Naval Avenue should be prioritized for implementation, with 13th St bike lanes (AT59) occurring in a second phase.		Yes	Yes	No	PASS
AT48	In line with the Active Transportation Plan, add bike facilities on Shorewood Drive and Cascades Pass Blvd/Deception Pass St/Gray Harbor Ct to provide a key connection from Jackson Park to planned facilities on Kitsap Way and to downtown Bremerton. It also connects the housing area to the base. Shorewood Drive does not experience inclines, is low volume, and has low traffic speeds.		Yes	Yes	No	PASS
AT49	In response to roadway updates recommended to Kitsap Way and National Ave as part of other projects, construct crosswalks at 1st St/National Ave and install sidewalks on National Ave. Address visibility for northbound traffic on National Avenue at 1st St by adding pedestrian crossing signage and/or trimming the vegetation blocking the intersection.		Yes	Yes	No	PASS
AT50	Construct protected bike lanes or a shared-use path on Charleston Blvd between 1st St and SR-3 to make it a low-stress facility given high traffic speeds and volumes (ADT is greater than 30,000). The west side of Charleston Blvd has a buffered sidewalk, so the west side could be considered for a shared-use path. Install separate bicycle signal heads at signals to provide a leading bicycle signal phase and bike activation sensors, and design all intersections to allow safe movements for bicyclists (e.g. bike boxes, green pavement paint, etc), such as Charleston Blvd/Farragut Street, where northbound right turning vehicles may conflict with cyclists.		Yes	Yes	No	PASS
AT51	Construct bike boulevards that connect to downtown Bremerton to flesh out the low-stress bike network. Bike boulevards will include sharrows and distinct, branded wayfinding signage that indicates it is a bicycle route. Where the routes cross signalized intersections, provide bicycle signal detection and actuation, and consider installing separate bicycle signal heads to provide a leading bicycle signal phase. Types of improvements needed at non-signalized intersection include advance warning signs to notify motorists of bicycle boulevard crossings, intersection crossing markings, or raised intersections. Bike boulevards are proposed on 15th St from High Ave to Corbet Dr NW, Chester Ave from Olympic College to 1st St, Montgomery Ave from 1st St to 15th St, State Street from 1st Street to 4th Street, 4th Street from Washington Ave to Naval Ave, 8th Street from Washington Ave to Montgomery Ave, Wycoff Ave from 11th Ave to 26th St, 1st St from Chester Ave to Marion Ave (with added signage at intersections), 19th St from Naval Ave to Corbet Dr NW, National Ave from Kitsap Way to Charleston Beach Blvd, Oyster Bay Ave/W Arsenal Way, Marion Ave from W Arsenal Way to Kitsap Way, Corbet Dr NW from E Phinney Bay Dr to Kitsap Way, Pacific Ave from Burwell St to 13th St.		Yes	Yes	No	PASS
AT52	Construct protected bike lanes on 11th Street from Kitsap Way to Washington Avenue to connect with proposed bike lanes along Washington Avenue. Protected bike lanes are recommended as ADT is high at around 20,000. Install separate bicycle signal heads to provide a leading bicycle signal phase and bike activation sensors at N Callow Ave, Naval Ave, High Ave, Warren Ave, Park Ave, and Pacific Ave. Design all intersections to allow safe movements for bicyclists (e.g. bike boxes, green pavement paint, etc).		Yes	Yes	No	PASS
AT53	Construct protected bike lanes on 6th Street from Kitsap Way to Washington Avenue. Protected bike lanes recommended as ADT is greater than 10,000. Install separate bicycle signal heads to provide a leading bicycle signal phase and bike activation sensors at Naval Avenue, High Avenue, Veneta Avenue, Warren Avenue, Park Avenue, Pacific Avenue and Washington Avenue. Design all intersections to allow safe movements for bicyclists (e.g. bike boxes, green pavement paint, etc).		Yes	Yes	No	PASS
AT55	Construct bike lanes on Park Avenue from Burwell St to Lower Roto Vista Park, and install separate bicycle signal heads to provide a leading bicycle signal phase and bike activation sensors at 11th St and 6th St. ADT is less than 5,000 and speeds are relatively low, so bike lanes are sufficient per the FHWA Bikeway Selection Guide.		Yes	Yes	No	PASS
AT58	Add leading pedestrian intervals at key intersections in downtown Bremerton that people frequently walk to access facilities, such as Olympic College, the Naval Base, or Gateway Park & Ride, or key intersections that may align with pedestrian travel patterns to activity centers. As a first phase of improvements, leading pedestrian intervals are recommended at the following intersections: Burwell & State, Burwell & Naval, Burwell & Pacific, Burwell & Washington, Warren & 16th, Warren & 13th, 6th & Montgomery, 6th & Warren, 6th & Pacific, 11th & Warren. Evaluate adding additional leading pedestrian intervals as part of a second phase of improvements.		Yes	Yes	No	PASS
AT59	Implement a separated bike lane on 13th St from Park Ave to Naval Ave. ADT is close to 10,000 and speeds are relatively low, but the higher volumes and presence of transit stops warrants need for enhanced bicycle facilities to provide connections to Olympic College and other planned facilities on Warren Ave and High Ave.		Yes	Yes	No	PASS
AT60	Update bicycle lanes to separated bicycle lanes on Wheaton Way to provide low stress facilities due to high ADT around 7,000 and speed limits of 25 MPH. Extend separated bike facilities to Lebo Blvd and Sheridan Rd to connect with Warren Avenue Bridge bike facilities.		Yes	Yes	No	PASS
AT61	Implement low stress separated bike lanes on National Avenue to provide N/S connections in the Naval Yard area of Bremerton. Road widening would be necessary to provide a low-stress facility, which is recommended due to ADT around 7,000 and 35 MPH speeds.		Yes	Yes	No	PASS
AT62	Construct protected bike lanes or a shared-use path on Kitsap Way between SR3 and N Callow Ave to make it a low-stress facility given high traffic speeds and volumes (ADT around 40,000). Install separate bicycle signal heads at signals to provide a leading bicycle signal phase and bike activation sensors, and design all intersections to allow safe movements for bicyclists (e.g. bike boxes, green pavement paint, etc).		Yes	Yes	No	PASS
Education / Marketing						
E1	Education/marketing campaign for Bremerton residents and NBK-BR employees about transportation options, including bike storage and routes, vanpools, worker/driver program (guaranteed ride home, easy to change routes, real time tracking app, can be used by non-NBK employees), and parking options.		Yes	Yes	No	PASS
E2	Increase communication and marketing for vanpools	Covered by E1	N/A	N/A	N/A	FAIL
E3	Education on worker/driver program (guaranteed ride home, easy to change routes, real time tracking app)	Covered by E1	N/A	N/A	N/A	FAIL
E4	Joint marketing campaign for City or KT – education on the fact that non-NBK employees can also use the worker/driver program	Covered by E1	N/A	N/A	N/A	FAIL
E5	Education/marketing campaign to increase number of NBK employees commuting from Seattle (reverse commute)		Yes	Yes	No	PASS
E6	Parking education program about transportation and parking options	Covered by E1	N/A	N/A	N/A	FAIL
E7	Transportation Liaison at NBK-BR to help new hires and staff find best commuter option for them.		Yes	Yes	No	PASS
E8	Signage along the routes to educate motorists about merging		Yes	Yes	No	PASS
Parking Management / Policy						
PM1	Require NBK-BR contractors to park at a Park & Ride location outside of Downtown with frequent transit service to work		Yes	Yes	No	PASS
PM2	Revisit on-street parking management strategies including permit programs and paid parking in Downtown		Yes	Yes	No	PASS
PM3	Establish a transportation management association	<i>A transportation management association is typically a non-profit established as a public/private partnership with funding primarily from major employers. Funding is used to support expansion of commuter transportation options as alternatives to single-occupancy vehicles through education, programs, and incentives.</i>	Yes	Yes	No	PASS
PM4	Restrict new parking in Downtown	<i>This may include restricting park and ride lots and/or new standalone public parking facilities (i.e., those that are not accessory to another land use) through zoning. It may also include a City policy to not develop new public parking facilities Downtown that would be for commuter parking.</i>	Yes	Yes	No	PASS
PM5	Identify priority users for parking (i.e. commuters vs. residents/businesses)	Repeat of PM2 (permits)	N/A	N/A	N/A	FAIL

Joint Compatibility Transportation Plan
First Level Screening

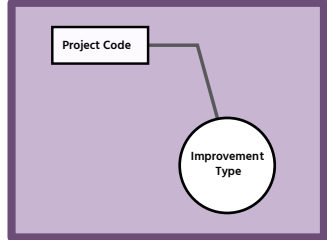
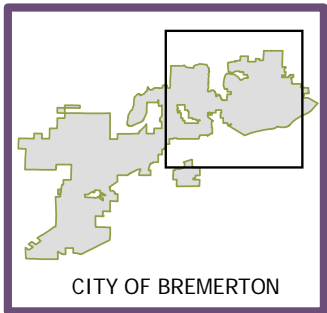
#	Improvement Idea	Notes on Improvement	Is it consistent with the study goals?	Is it feasible?	Is it ineffective according to previous studies?	First Level Screening Result
PM6	Increase parking violation fines and enforcement frequency		Yes	No	No	FAIL
PM7	Parking cash-out for new development and employees in lieu of providing parking	<i>A cash-out is a direct payment in lieu of providing parking that is typically paid by an employer to an employee. Parking cash-out could be approved by the City as part of a transportation demand management plan for a new development in lieu of providing on-site parking. Existing employers could also offer parking cash out such as through a TMA.</i>	Yes	Yes	No	PASS
PM8	Prioritize rideshare and vanpool stalls in existing facilities	<i>This is underway but included in new 2022 parking rates and fees for on-street vanpool parking and a GIS map of off-street parking stalls</i>	N/A	N/A	N/A	FAIL
PM9	Repurpose parking lots for other travel modes	<i>Repurposing could include things like kiss and rides, electric bike charging, and parklets. Parklets are small plots of land that people can have lunch, rest while on a longer walk, sit and figure out where they want to go next when visiting a city.</i>	Yes	Yes	No	PASS
PM10	Issue commuter parking permits for City-owned facilities	<i>Monthly parking permits could first be prioritized for residents, Downtown employees, and visitors. If there is excess supply for commuter parking the City could develop a specific permit and pricing to support parking management and transportation related investments in Downtown and adjacent neighborhoods. The City already offers monthly permits at some facilities and this program could be expanded and priced appropriately to manage demand.</i>	Yes	Yes	No	PASS
PM11	Lower/remove fees for employees		No	No	No	FAIL
PM12	Provide safe parking options		Yes	Yes	No	PASS
PM13	De-monopolize Diamond parking		No	No	No	FAIL
PM14	Create commercial parking zones (or non-residential parking permit zones BMC 10.10.030) with on-street paid parking permits for both employees and clientele		Yes	Yes	No	PASS
Programs/Technologies/Incentives to encourage mode shift						
CTR1	Maintain telework options currently available to Base	<i>Telework allows people to work from home and use internet or phone for their meetings.</i>	Yes	Yes	No	PASS
CTR2	Eliminate fares for Kitsap Transit fixed route buses and worker/driver buses		Yes	Yes	No	PASS
CTR3	Incentives to ride transit	<i>The City would like to offer citation forgiveness for smart commuter registration and 1 month of activity</i>	Yes	Yes	No	PASS
CTR4	Reduced fare and regular bus passes. Reduced fare based on income		Yes	Yes	No	PASS
CTR5	Provide incentives for mode shift away from SOV for residents of neighborhoods along SR 303	<i>Incentives could include subsidized bus passes, free bus zones, or incentives from employers that do not provide free parking such as shower facilities for bikers and childcare options</i>	Yes	Yes	No	PASS
CTR6	Provide free parking for vanpools	<i>This is underway. The first stall is located on 4th street and spaces are being slotted throughout the City</i>	N/A	N/A	N/A	FAIL
CTR7	Operate City run rideshare program		Yes	No	No	FAIL
CTR8	Co-locate worker/driver stops with origins (daycares, schools, etc.)		Yes	Yes	No	PASS
CTR9	Expand affordable on-site daycare		Yes	Yes	No	PASS
CTR10	App similar to OneBusAway		N/A	N/A	N/A	FAIL
CTR11	Improve technology to make the worker/driver program more efficient		Yes	Yes	No	PASS
CTR12	Partner with Port Orchard to incentivize foot-ferry ridership		Yes	Yes	No	PASS
CTR13	Tracking system (like Onebusaway)	<i>Repeat of CTR10</i>	N/A	N/A	N/A	FAIL
CTR14	Address confusing and changing bus routes		Yes	Yes	No	PASS
CTR15	Encourage shipyard employees to telecommute	<i>Repeat of CTR1</i>	N/A	N/A	N/A	FAIL
Other						
O1	Align with other planned projects		N/A	N/A	N/A	FAIL
O2	Identify who you're designing for (have solutions meet the needs)		N/A	N/A	N/A	FAIL
O3	Keep in mind growth especially through Gorst		N/A	N/A	N/A	FAIL
O4	Use the Navy's rail line to move people		No	No	Yes	FAIL
O5	Reduce posted speeds (near gate entrances)		Yes	Yes	No	PASS
O6	Better enforcement of HOV lanes		Yes	Yes	No	PASS
O7	Funnel drivers to desired arterials through design/traffic calming		Yes	Yes	No	PASS
O8	Separate truck traffic from GP traffic; provide load/unload zones and restrict time of day		Yes	Yes	No	PASS
O9	Enforcement at at-capacity or over-capacity Park & Rides		Yes	Yes	No	PASS
O10	Make Callow area more livable - get NBK employees to live near NBK		Yes	Yes	No	PASS
O11	Incentivize development with sidewalks and bike lane improvements near developable land		No	Yes	No	FAIL
O12	Keep worker/driver system map more up-to-date		Yes	Yes	No	PASS
O13	More transit-oriented development at Park & Rides	<i>Transit oriented development includes adding more retail, services, housing near a transit station or Park&Ride. The goal would be to increase population density while minimizing the need for owning and/or driving a vehicle.</i>	Yes	Yes	No	PASS
O14	Kayaking from Port Orchard		Yes	No	No	FAIL
O15	Off-board payment for transit	<i>Off-board payment allows people to pay their bus fare before they get onto the bus. This reduces the amount of time a bus waits at a stop because people can get on and off using all doors.</i>	Yes	Yes	No	PASS

Appendix J
Second Level Screening Build Alternatives



- City of Bremerton Urban Growth Boundary
- City Limits
- Naval Base Kitsap - Bremerton
- NBK-BR Gates
- No Build Projects
- No Build Projects
- Parking Improvement
- Roadway Improvement
- Transit Improvement

- P
New Parking
- R
Restrict New Parking
- P
Parking Management
- P&R
Park & Ride Improvement
- P
Passenger Loading Zone
- D
HOV Lane
- S
Signal Improvement
- R
Roundabout
- G
New Grade-Separation
- B
Base Gate Improvement



PC - New / Expanded Parking, C - Capacity Projects, B - Projects on Base, T - Transit Service/ Frequency, PM - Parking Management / Policy, CT - Programs to encourage mode shift, O - Other

Source: City of Bremerton, Bremerton Non-Motorized Transportation Plan, USGS

System-Level Improvements Included in All Alternatives

C26	Traffic Management Center
C27	Variable message signs
C35	Adaptive signal timing at all signalized intersections
C38	Build projects proposed in Bremerton Strategic Road Safety Plan

T6	More bus routes to the shipyard
CTR3	Incentives to ride transit
CTR4	Reduced fare and regular bus passes. Reduced fare based on income
CTR5	Provide incentives for mode shift away from SOV for residents of neighborhoods along SR 303
CTR8	Co-locate worker/driver stops with origins (daycares, schools, etc.)
CTR11	Improve technology to make the worker/driver program more efficient
CTR12	Partner with Port Orchard to incentivize foot-ferry ridership
O6	Better enforcement of HOV lanes
O9	Enforcement at at-capacity or over-capacity Park & Rides
O12	Keep worker/driver system map more up-to-date
O16	More shelters at transit stops with lighting

PM2	Revisit on-street parking management strategies including permit programs and paid parking in Downtown
PM3	Establish a transportation management association

E1	Education/marketing campaign for Bremerton residents and NBK-BR employees about transportation options
E5	Education/marketing campaign to increase number of NBK employees commuting from Seattle (reverse commute)
E7	Transportation Liaison at NBK-BR to help new hires and staff find best commuter option for them
CTR1	Maintain telework options currently available to Base
O10	Make Callow area more livable - get NBK employees to live near NBK

System-Level Improvements Included in This Alternative

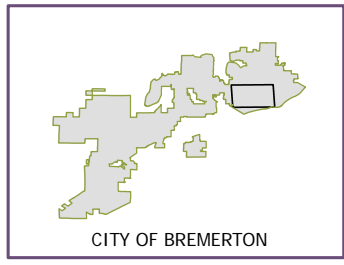
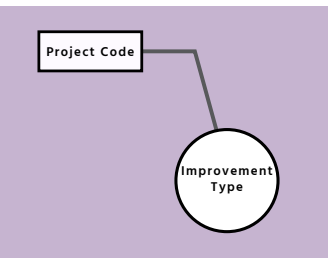
PC12	Expand parking through public/private partnerships. New downtown parking should be mixed-use with active street-level uses
PM 10	Issue commuter parking permits for City-owned facilities
O7	Funnel drivers to desired arterials through design/traffic calming



JOINT COMPATIBILITY TRANSPORTATION PLAN

Support Parking Alternative

Sheet 2 of 3



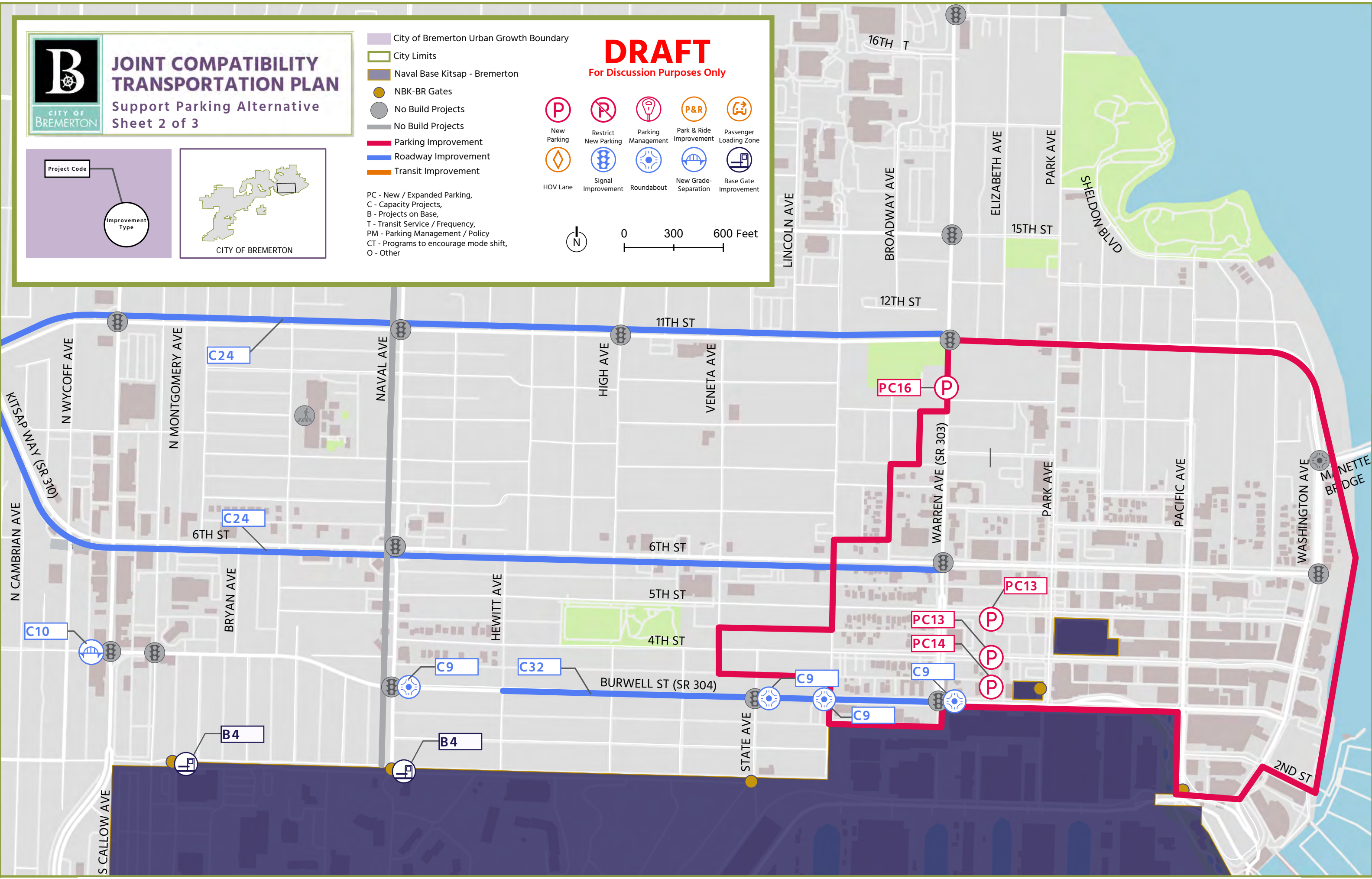
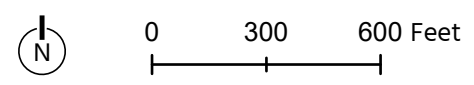
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- NBK-BR Gates
- No Build Projects
- No Build Projects
- Parking Improvement
- Roadway Improvement
- Transit Improvement

PC - New / Expanded Parking,
 C - Capacity Projects,
 B - Projects on Base,
 T - Transit Service / Frequency,
 PM - Parking Management / Policy
 CT - Programs to encourage mode shift,
 O - Other

DRAFT

For Discussion Purposes Only

- New Parking
- Restrict New Parking
- Parking Management
- Park & Ride Improvement
- Passenger Loading Zone
- HOV Lane
- Signal Improvement
- Roundabout
- New Grade-Separation
- Base Gate Improvement



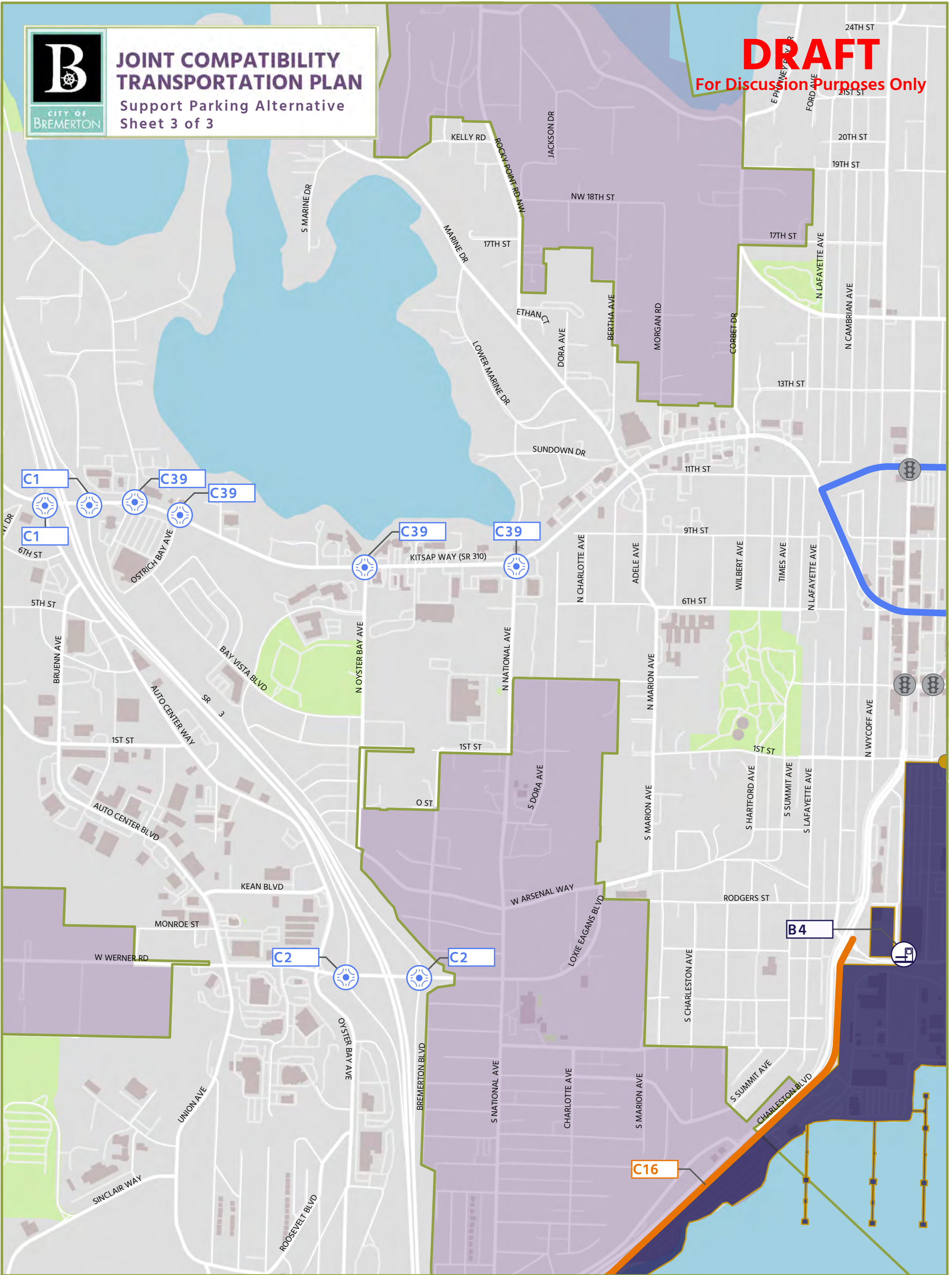


JOINT COMPATIBILITY TRANSPORTATION PLAN

Support Parking Alternative Sheet 3 of 3

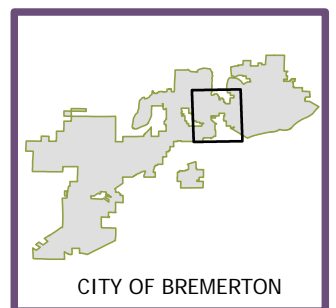
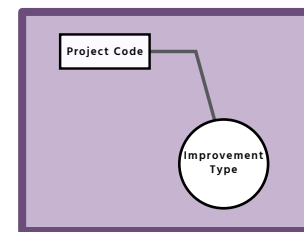
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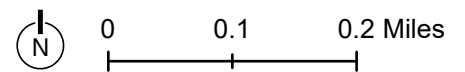


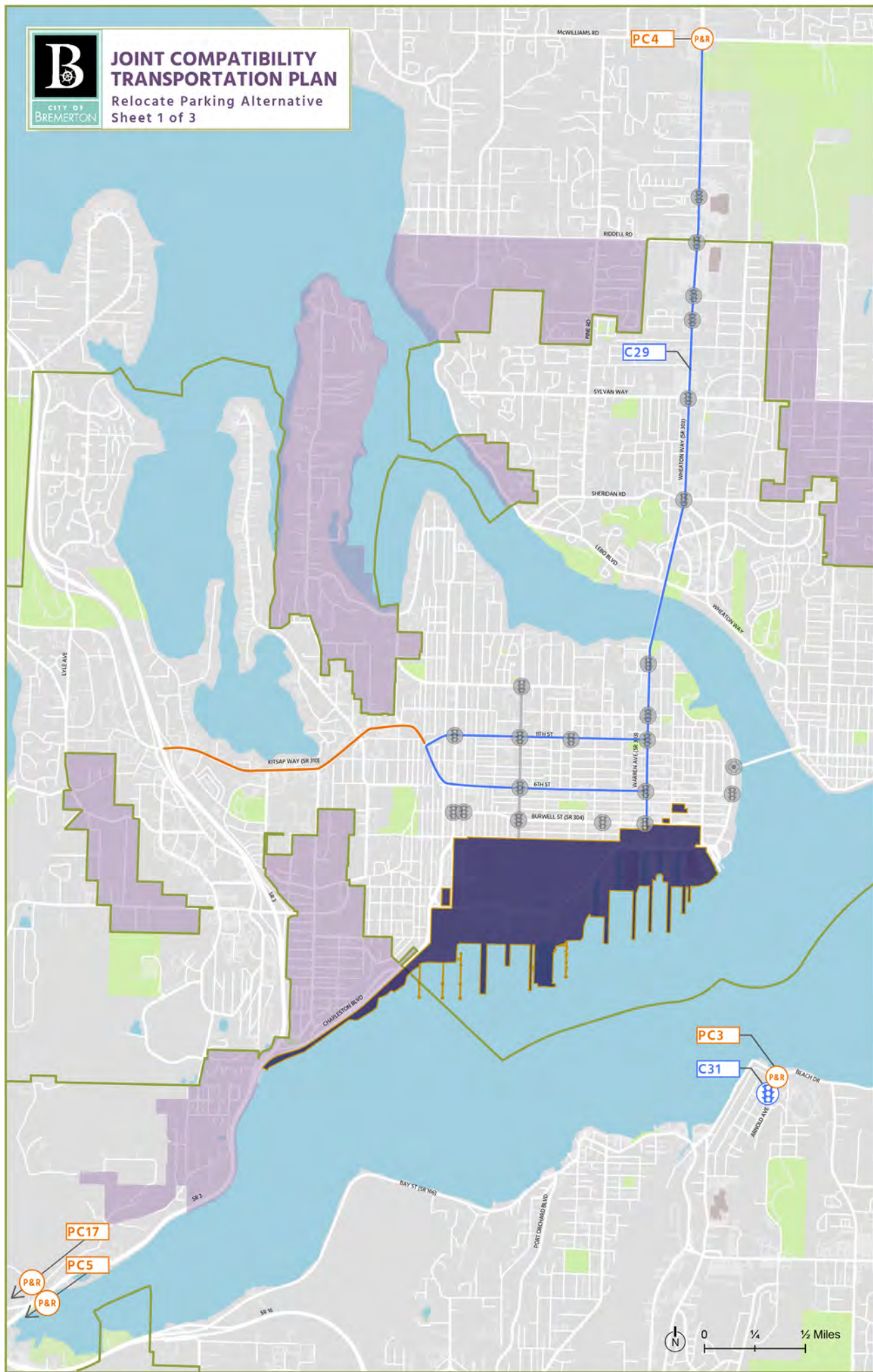
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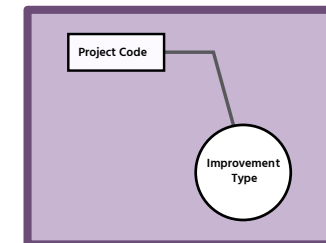
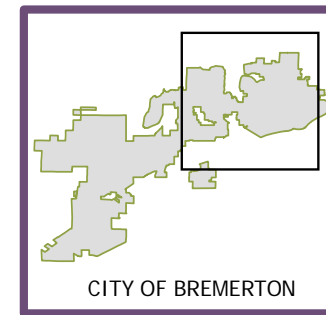
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- P
New Parking
- R
Restrict New Parking
- P
Parking Management
- P&R
Park & Ride Improvement
- P
Passenger Loading Zone
- HOV
HOV Lane
- S
Signal Improvement
- R
Roundabout
- N
New Grade-Separation
- B
Base Gate Improvement



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Source: City of Bremerton, Bremerton Non-Motorized Transportation Plan, USGS

System-Level Improvements Included in All Alternatives

C26	Traffic Management Center
C27	Variable message signs
C35	Adaptive signal timing at all signalized intersections
C38	Build projects proposed in Bremerton Strategic Road Safety Plan

T6	More bus routes to the shipyard
CTR3	Incentives to ride transit
CTR4	Reduced fare and regular bus passes. Reduced fare based on income
CTR5	Provide incentives for mode shift away from SOV for residents of neighborhoods along SR 303
CTR8	Co-locate worker/driver stops with origins (daycares, schools, etc.)
CTR11	Improve technology to make the worker/driver program more efficient
CTR12	Partner with Port Orchard to incentivize foot-ferry ridership
O6	Better enforcement of HOV lanes
O9	Enforcement at at-capacity or over-capacity Park & Rides
O12	Keep worker/driver system map more up-to-date
O16	More shelters at transit stops with lighting

PM2	Revisit on-street parking management strategies including permit programs and paid parking in Downtown
PM3	Establish a transportation management association

E1	Education/marketing campaign for Bremerton residents and NBK-BR employees about transportation options
E5	Education/marketing campaign to increase number of NBK employees commuting from Seattle (reverse commute)
E7	Transportation Liaison at NBK-BR to help new hires and staff find best commuter option for them
CTR1	Maintain telework options currently available to Base
O10	Make Callow area more livable - get NBK employees to live near NBK

System-Level Improvements Included in This Alternative

T8	Shuttle service between Park & Rides and downtown Bremerton (regular bus route with high frequency)
T15	Cover more shift times with bus and/or worker/driver
T16	2 different early morning worker/driver buses
T17	Expand vanpool program
T19	Worker/driver late bus (similar to sports team buses) or on-call shuttle
O13	More transit-oriented development at Park & Rides

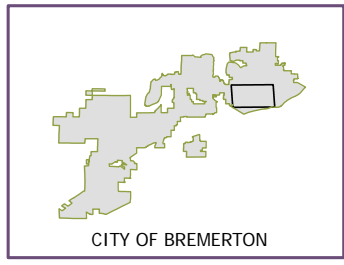
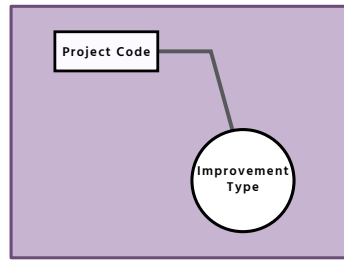
PM1	Require NBK-BR contractors to park at a Park & Ride location outside of Downtown with frequent transit service to work
PM7	Parking cash-out for new development and employees in lieu of providing parking
PM9	Repurpose parking lots for other travel modes



JOINT COMPATIBILITY TRANSPORTATION PLAN

Relocate Parking Alternative

Sheet 2 of 3

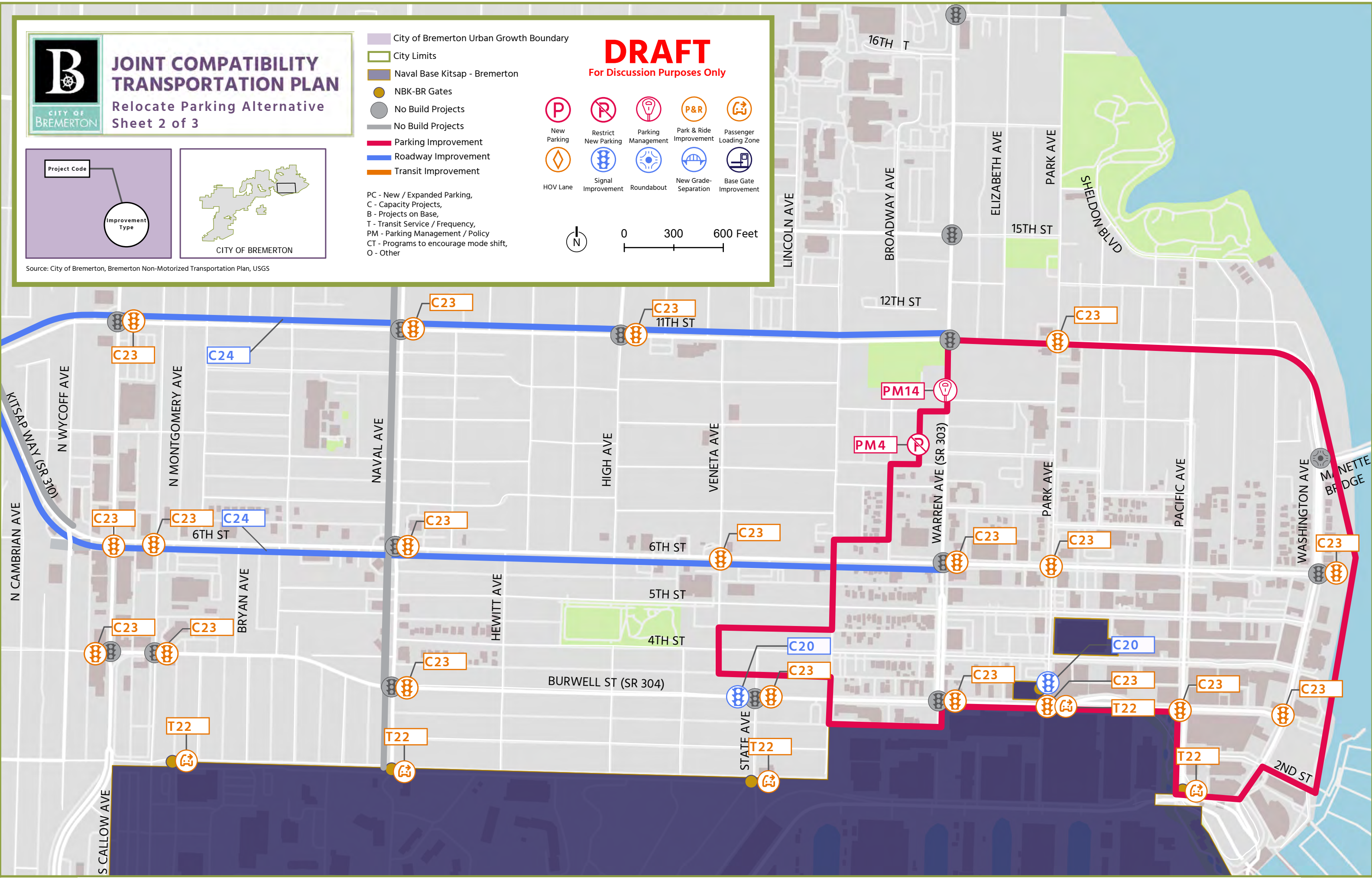
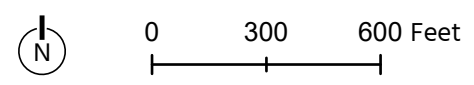


- City of Bremerton Urban Growth Boundary
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- NBK-BR Gates
- No Build Projects
- No Build Projects
- Parking Improvement
- Roadway Improvement
- Transit Improvement

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For Discussion Purposes Only

- New Parking
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- Park & Ride Improvement
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Source: City of Bremerton, Bremerton Non-Motorized Transportation Plan, USGS

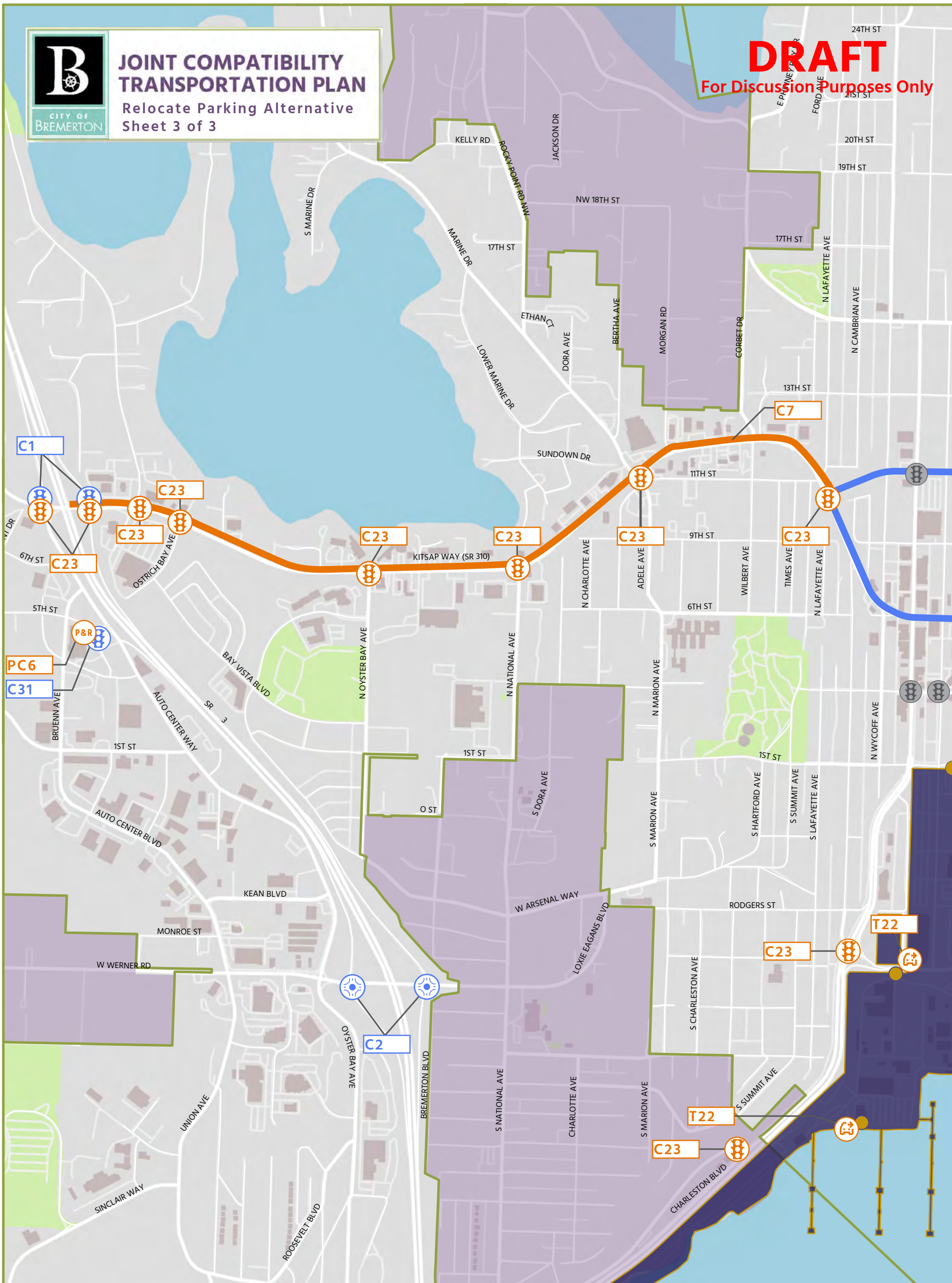


JOINT COMPATIBILITY TRANSPORTATION PLAN

Relocate Parking Alternative Sheet 3 of 3

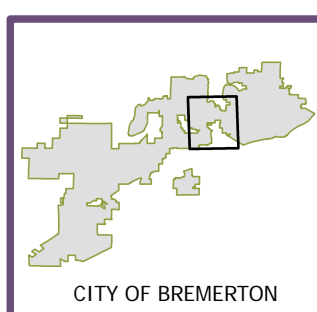
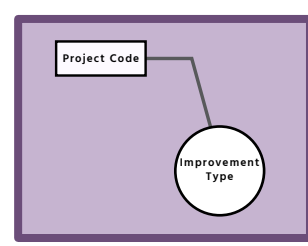
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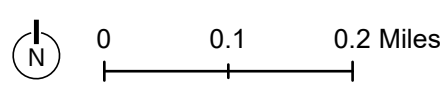


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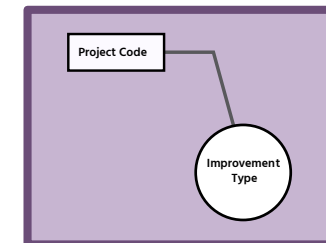
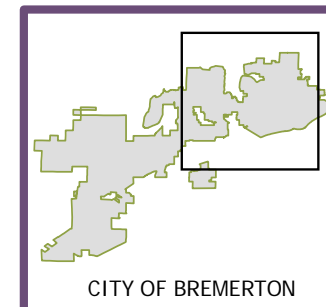
Source: City of Bremerton, Bremerton Non-Motorized Transportation Plan, USGS



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- P New Parking
- R Restrict New Parking
- P Parking Management
- P&R Park & Ride Improvement
- P Passenger Loading Zone
- D HOV Lane
- T Signal Improvement
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System-Level Improvements Included in All Alternatives

C26	Traffic Management Center
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T6	More bus routes to the shipyard
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O6	Better enforcement of HOV lanes
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O12	Keep worker/driver system map more up-to-date
O16	More shelters at transit stops with lighting

PM2	Revisit on-street parking management strategies including permit programs and paid parking in Downtown
PM3	Establish a transportation management association

E1	Education/marketing campaign for Bremerton residents and NBK-BR employees about transportation options
E5	Education/marketing campaign to increase number of NBK employees commuting from Seattle (reverse commute)
E7	Transportation Liaison at NBK-BR to help new hires and staff find best commuter option for them
CTR1	Maintain telework options currently available to Base
O10	Make Callow area more livable - get NBK employees to live near NBK

System-Level Improvements Included in This Alternative

T17	Expand Vanpool Program
T19	Worker/driver late bus (similar to sports team buses) or on-call shuttle

PM7	Parking cash-out for new development and employees in lieu of providing parking
PM9	Re purpose parking lots for other travel modes
PM10	Issue commuter parking permits for City-owned facilities

O7	Funnel drivers to desired arterials through design/traffic calming
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B9	Explore enhanced use lease to add private parking garages on base
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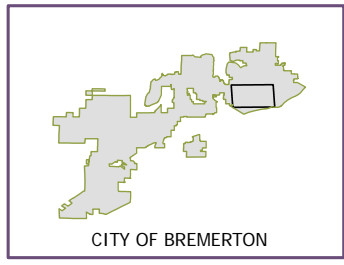
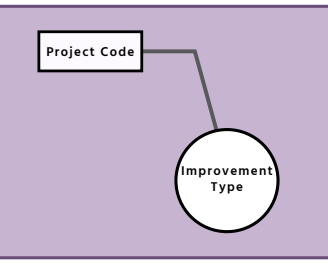
FOR DISCUSSION PURPOSES ONLY



JOINT COMPATIBILITY TRANSPORTATION PLAN

Add Base Alternative

Sheet 2 of 3



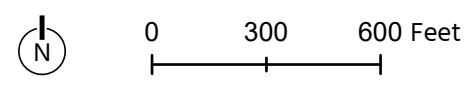
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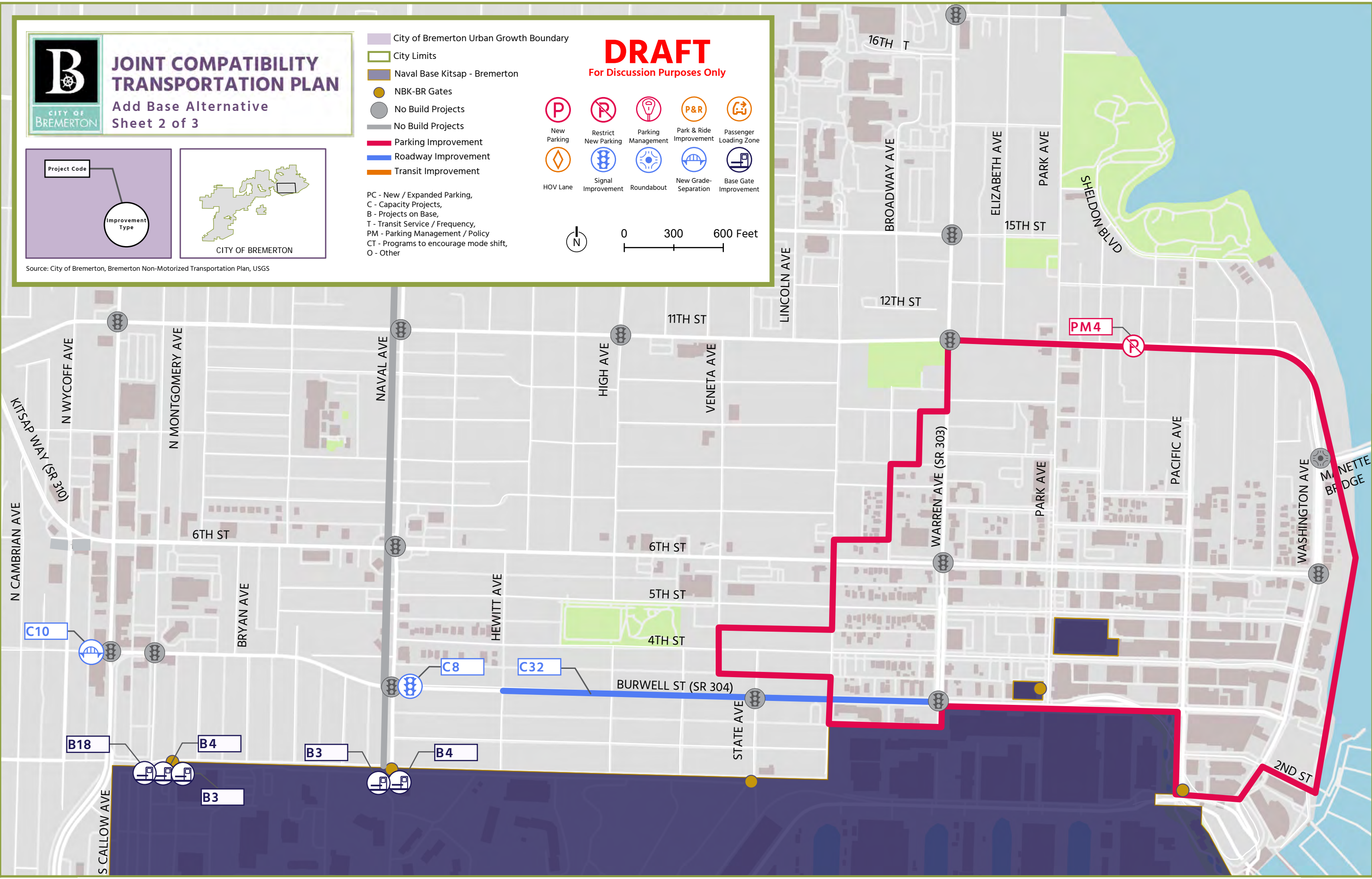
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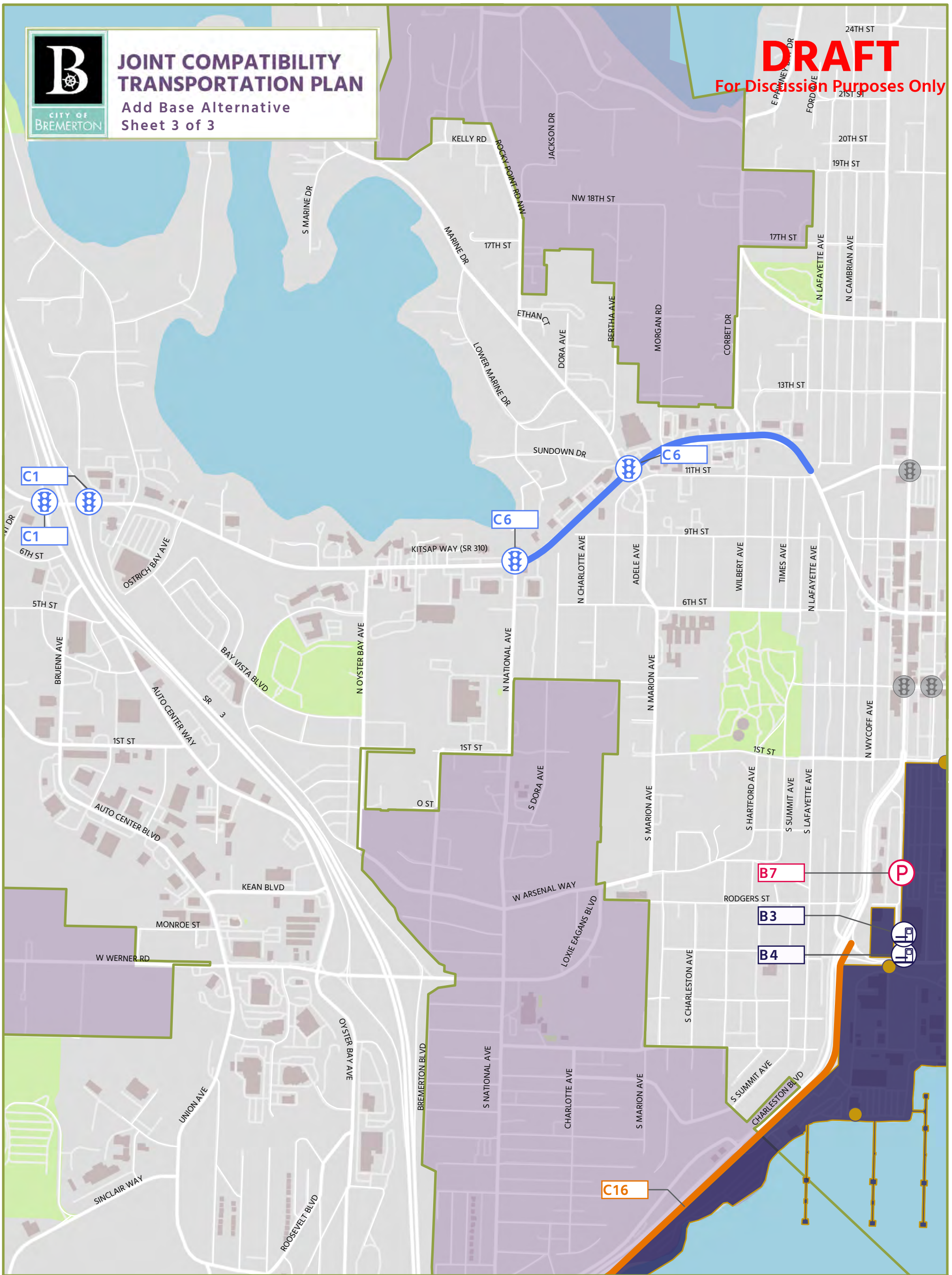


JOINT COMPATIBILITY TRANSPORTATION PLAN

Add Base Alternative Sheet 3 of 3

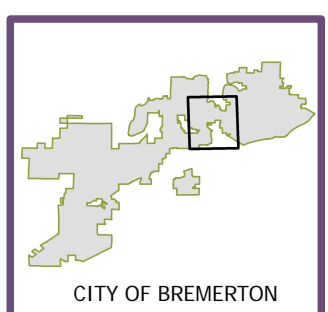
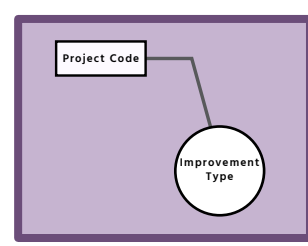
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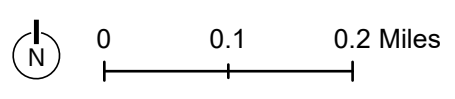


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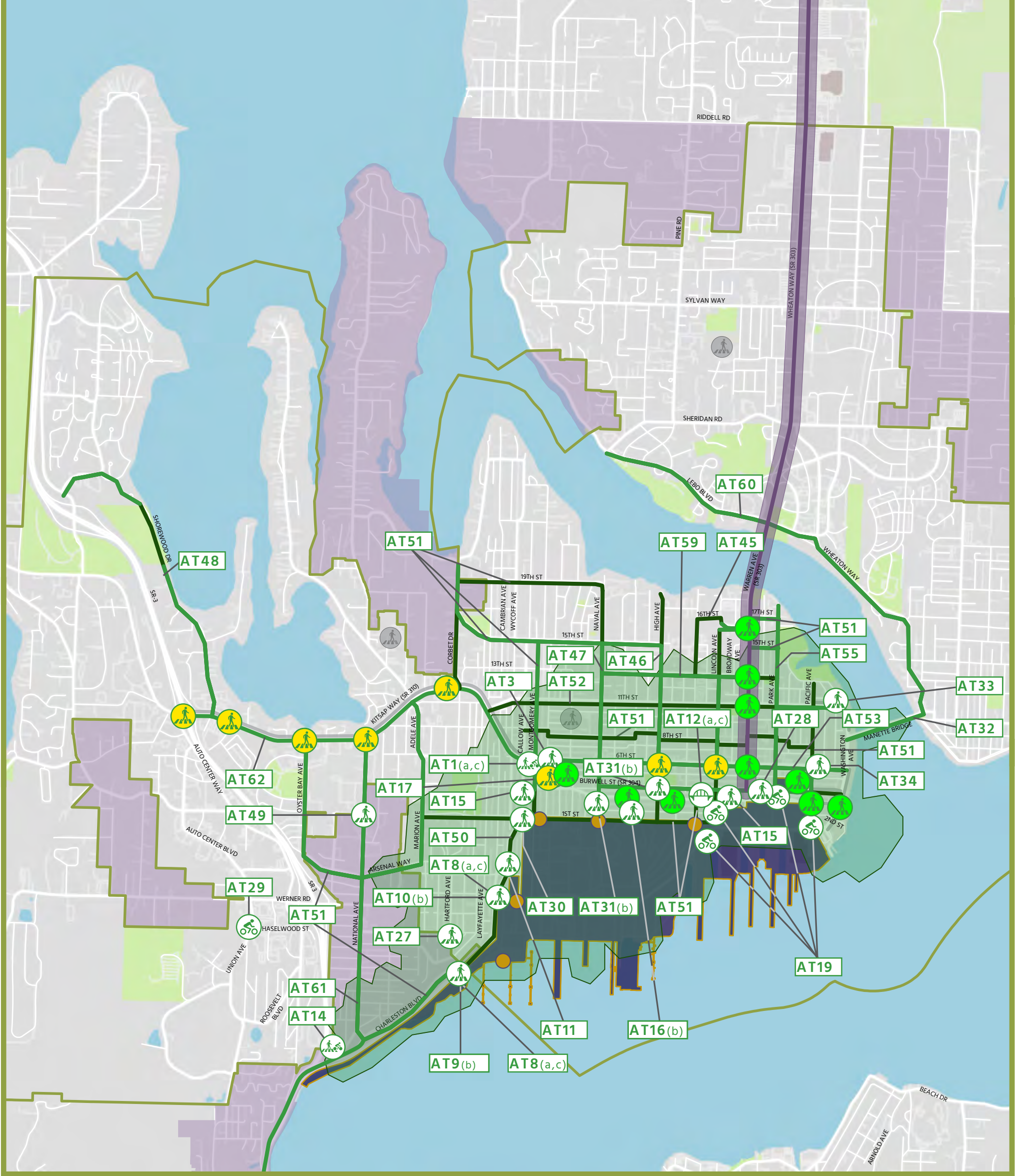


Source: City of Bremerton, Bremerton Non-Motorized Transportation Plan, USGS



JOINT COMPATIBILITY TRANSPORTATION PLAN

All Alternatives Active Transportation Improvements



- City of Bremerton Urban Growth Boundary
- City Limits
- Naval Base Kitsap - Bremerton
- 15 Minute Walkshed
- Active Transportation Projects in Improvement C29 (projects proposed in SR 303 study)
- NBK-BR Gates
- No Build Projects
- No Build Projects
- Proposed Bicycle Improvements in Locations Consistent with City Plans
- Proposed Bicycle Improvements at Additional Locations than those Identified in City Plans

Bicycle Improvement

Pedestrian Improvement

New Grade-Separation

Combined Pedestrian / Bicycle Improvement

AT Active Transportation Project included in all alternative unless as noted below.

- (a) Support Parking Alternative
- (b) Relocate Parking Alternative
- (c) Add Base Alternative

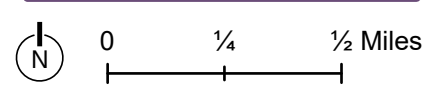
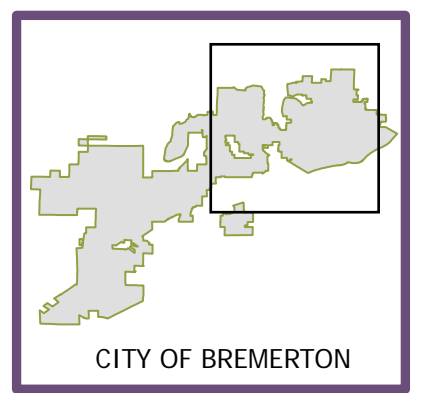
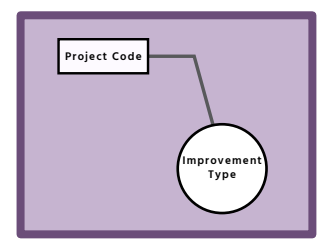
AT25 Improve Pedestrian Crossing

AT58 Add Leading Pedestrian Intervals (LPI) to Signal Phasing

Additional Improvements Included in All Alternatives:

- AT22 - Develop biking map of downtown
- AT34 - Implement way-finding for people who bike and pedestrians
- AT35 - Modify sidewalk design standards to remove vertical barriers
- AT5 (a, b only) - upgrade sidewalks and pedestrian crossings to be ADA compliant

For descriptions of other AT projects, see page 2.



Source: City of Bremerton, Bremerton Non-Motorized Transportation Plan, USGS

Joint Compatibility Transportation Plan

DRAFT - For Discussion Purposes Only

#	Improvement Idea	Notes on Improvement	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative
Capacity Projects (changes in lanes, signals, intersection control, etc.)					
C29	Build projects proposed in SR 303 study	<i>All analysis completed as part of the SR 303 Corridor study through the year 2040</i>	X	X	X
	Widen Warren Avenue Bridge to include 10' sidewalks on both sides		X	X	X
	Sidewalks at both north and south ends that are forward-compatible with long-term plan		X	X	X
	Active transportation facility to connect to Lebo Boulevard on the north side of the bridge		X	X	X
	Provide wayfinding for active transportation		X	X	X
	Bicycle facilities south of the bridge between SR 303 and Park Avenue		X	X	X
	Bicycle facilities on Almira Drive from Sylvan Way to NE Riddell Road		X	X	X
	Build a mid-block pedestrian crossing north of Dibb Street and provide a pedestrian hybrid beacon and pedestrian refuge island		X	X	X
	Build a mid-block pedestrian crossing between 6th Street and 11th Street and provide a pedestrian hybrid beacon signal and pedestrian refuge island		X	X	X
	Build a mid-block pedestrian crossing north of Pearl Street and provide a pedestrian hybrid beacon and pedestrian refuge island		X	X	X
	Build a mid-block pedestrian crossing between Hollis Street and NE Riddell Road and provide a pedestrian hybrid beacon and pedestrian refuge island		X	X	X
	Update lane striping along SR 303 to delineate active transportation facilities		X	X	X
	Improve striping along Callahan Drive tunnel to show active transportation facility		X	X	X
	Install pedestrian crossing treatment at 4th Street and 5th Street		X	X	X
	Bicycle facilities from Callahan Drive to Cherry Avenue using lower Wheaton Way, Spruce Avenue, and E 30th Street		X	X	X
	Build a mid-block pedestrian crossing at Sheridan Road and Spruce Avenue		X	X	X
	Bicycle facilities on Callahan Drive from SR 303 to lower Wheaton Way using existing tunnel under SR 303		X	X	X
	Provide 10' wide sidewalks at the following locations: SR 303 to Almira Drive using NE 32nd Street through Old East Bremerton High School, connecting near Dibb Street Wheaton Way Transit Center to Pine Road NE using NE Normandy Drive or NE Roswell Drive to access Clogston Avenue NE		X	X	X
	Construct a paved active transportation facility from Cherry Avenue to Almira Drive		X	X	X
	Bicycle facilities on Almira Drive from Cherry Avenue to Sylvan Way		X	X	X
	Complete sidewalk connection from south end of Warren Ave Bridge to existing sidewalk south of 18th Street		X	X	X
	Widen sidewalk to 10' on west side of SR 303 between 13th Street and Warren Avenue Bridge		X	X	X
	Construct a tunnel under SR 303 for an active transportation undercrossing, connecting Olympic College to east side of SR 303		X	X	X
	Active transportation facilities on 18th Street through Olympic College to Broadway Avenue		X	X	X
Active Transportation					
AT1	Construct a mobility hub at the Gateway Park & Ride for first/last mile connections. Project may include space for bike share, scooter share, car share, as well as curb space for ride hailing service pickups like Uber and Lyft.	<i>A Mobility Hub is a centralized point where different modes of transportation come together seamlessly. It can include space for bike share, scooter share, car share, as well as curb space for ride hailing services pickups like Uber and Lyft. They are placed in strategic locations, typically where employment, housing, shopping, transit, and/or recreation are concentrated.</i>	X		X
AT3	Add well-lit crosswalks at the bus stop (Montgomery & 6th) to improve access to Gateway Park and Ride.		X	X	X
AT5	Within the 5-minute walksheds, upgrade all sidewalks in Fair, Marginal, Poor, or Very Poor condition; add sidewalks where missing; and upgrade marked and unmarked crossings to be ADA compliant.		X	X	
AT8	Construct a grade-separated crossing on Charleston Blvd, either at Charleston Beach Rd or Farragut St. Between the two, Charleston Beach Rd has a wider area of coverage for pedestrians to cross, with heavy traffic volumes, so this intersection should be prioritized.	<i>Grade separated refers to a bridge or tunnel that goes over or under a roadway.</i>	X		X
AT9	Construct at-grade crossing enhancements at Charleston Blvd/Charleston Beach Rd such as improved intersection geometries, new paint, and leading pedestrian intervals.			X	
AT10	Construct at-grade pedestrian crossing enhancements at Charleston Blvd/Farragut St such as improved intersection geometries, continental striping, and leading pedestrian intervals. Install sensors to detect bikes at the traffic signal. To address vehicle-bike conflicts at Charleston Gate resulting from high speed right turn movements across the bicycle lane/shoulder, consider design treatments to buffer bicyclists from turning vehicles.			X	
AT11	Stripe the crosswalk at Charleston Blvd/Rodgers St by the bus stop.		X	X	X
AT12	Construct a grade-separated crossing over Burwell St near State St/Burwell St intersection.		X		X
AT14	Construct an off-street trail from Gorst to downtown Bremerton. The trail will be 12 feet wide for bicyclists and pedestrians, and will not coincide with the roadway.	<i>This refers to a bicycle and pedestrian trail that would be 12 feet wide and not coincide with the roadway. Some level of buffer between the road edge and trail would be necessary. Details would be worked out in a future Gorst project.</i>	X	X	X
AT15	Establish safe east/west walking routes along the north perimeter of the base (e.g. Burwell St and 1st St to Charleston Blvd), including wayfinding and sidewalks. Stripe a crosswalk and consider additional enhanced crossing elements on Anoka Avenue at Burwell St, and at Burwell St and N Callows Ave to facilitate easier pedestrian crossings. Implement sidewalks and crosswalks on 1st Street to make it a viable option for pedestrians, and extend the sidewalk on Chester Ave to connect Burwell Street to 1st Street. Fill the sidewalk gaps along Burwell St east of Naval Avenue. Additional wayfinding could be implemented at Burwell Street and Pacific Avenue to direct people to nearby attractions and the Naval Base.		X	X	X

Joint Compatibility Transportation Plan

DRAFT - For Discussion Purposes Only

#	Improvement Idea	Notes on Improvement	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative
AT16	Upgrade pedestrian facilities in the vicinity of all pedestrian gates at NBK-BR to establish a safe, comfortable walking route to the Base. Widen sidewalks along Montgomery Ave, Naval Ave, and State St. Consider pedestrian safety enhancements near the bus stops on Burwell Ave.			X	
AT17	Upgrade pedestrian facilities on Montgomery Ave from 6th St to 1st St to establish a safe, comfortable walking route from the Gateway P&R to the Base by widening the sidewalks along Montgomery Ave and adding ADA-complaint curb ramps at the intersection of Montgomery Ave/Burwell St.		X	X	X
AT19	Install bike locker parking outside (and/or inside) the State Street, Burwell, and Bremerton gates. Naval and Charleston would also benefit from bike parking, but are less of a priority due to lower pedestrian traffic.		X	X	X
AT22	Develop a biking map of downtown Bremerton, including how to access/navigate the Base by bike		X	X	X
AT25	Improve pedestrian crossings on Kitsap Way/6th Street: Stripe new high-visibility crosswalks on 6th Street at Montgomery Avenue, High Avenue, and Chester Avenue. Implement crossing enhancements at the 6th Street and SR-3 interchange, such as restriping, stop bars, signage to yield to pedestrians, and ADA upgrades. Enhance crosswalks at Kistap Way/National Ave, Kitsap Way/Oyster Bar Ave, Kistap Way/Ostrich Bay Ave, to provide striping at all sides of the intersection. Add a PHB or signal between Morgan Road and Corbet Drive to provide access to the bus stops and businesses.	Consideration for crossings at, or near, bus stops could help to encourage transit use on the corridor.	X	X	X
AT27	Improve the sidewalk conditions in the neighborhood west of Charleston Blvd. (There are sidewalk gaps approaching Charleston Blvd along Cambria Avenue, missing curb ramps on sidewalks, and many sidewalks that are uneven and made with gravel. Lafayette Avenue has the same sidewalk profiles, with more intersections and transit stops along the corridor that need ADA improvements. Fill sidewalk gaps on Summit Avenue.)	A lot of people are moving to this area and not many full width/ada accessible sidewalks.	X	X	X
AT28	At the intersection of Burwell St/Park Ave, improve visibility of pedestrians crossing the street by adding leading pedestrian intervals. Consider additional signage to remind drivers to look for pedestrians, such as in pavement lighting or a flashing signal on the eastern approach to the signal to warn drivers accelerating out of the tunnel to slow for the signal/pedestrians. Consider removing the tree at the NE corner of the intersection to increase pedestrian visibility/sight distance for drivers.		X	X	X
AT29	Remove the proposed sharrow along Union Ave W between Werner Rd and Earhart St from future construction plans.	The proposed sharrow is not feasible given terrain and cost	X	X	X
AT30	Provide pedestrian safety enhancements at Callow Ave/1st St, such as adding a signalized pedestrian crossing, and re-striping the crosswalk with high visibility paint.	People get stranded in the median. There have been some ped accidents. Right by the Pho restaurant. Also a transit stop here. Possibly relocate cross-walk to north side of intersection. Consider HAWK signal.	X	X	X
AT31	Add crosswalks on Hewitt Avenue north and south of Burwell Street, and Anoka Avenue at Burwell Street.			X	
AT32	Relocate the bike lanes on the Manette Bridge to be adjacent to the sidewalk, on the other side of the concrete barrier	Widened sidewalks across bridge part of SR 303 Corridor Study	X	X	X
AT33	Add crosswalk at Highland Ave/11th St		X	X	X
AT34	Implement wayfinding throughout downtown Bremerton for pedestrian routes and bicycle routes to help people navigate to popular destinations (e.g. Manette, ferry, parks, etc.)	Wayfinding refers to adding signs, kiosks, apps that help people navigate a city using the sidewalk or bicycle network.	X	X	X
AT35	Modify approach to sidewalk design in Bremerton so new constructed sidewalks do not have vertical barriers (i.e. returned curbs)	While these are ADA compliant, they are not best practice, as they perpetually trap debris and require cleaning by hand in many cases; can be a tripping hazard; and create tight pedestrian environments. We do not recommend redoing these locations, but when locations that are not ADA compliant get upgraded, we recommend moving away from this approach. This recommendation may be better suited outside the context of this project list.	X	X	X
AT45	Provide low-stress bike connections to Olympic College by adding wayfinding and low-stress connections from 13th/Ohio to 16th/Warren. The SR-303 Corridor study proposes future bike facilities around Warren Avenue, specifically along the west side of Warren Avenue from 16th Street to 18th Street, along with a tunnel crossing Warren Avenue at 16th Street. The bike route would be on 16th Street and Chester Avenue (a path that runs through Olympic College that could potentially be a shared use path). Explore the possibility of extending 18th Street in North OC to allow bicyclists to access Ohio Avenue; this avoids major inclines and provides a low-stress bike corridor along Ohio Avenue. This project will require coordination with Olympic College.		X	X	X
AT46	Construct a bike boulevard on High Street through downtown Bremerton including sharrows and wayfinding. High Street is 20 mph and primarily residential. There are not significant inclines across High St outside of a short hill approaching 7th Street. Adjacent roads such as 11th Street and 13th Street are very steep and would be challenging for bicyclists. Modify the RRFB at High St/Burwell St so the push buttons can be used by bicyclists without dismounting and consider additional signage.		X	X	X
AT47	Construct separated bike facilities on Naval Avenue from 13th St to 1st St. Install bicycle signals at major intersections on Naval Avenue. Additional sensors need to be implemented at major intersections such as Burwell, 6th, and 11th Streets, as bike users are not currently triggering signal lights. Naval Avenue should be prioritized for implementation, with 13th St bike lanes (AT59) occurring in a second phase.		X	X	X
AT48	In line with the Active Transportation Plan, add bike facilities on Shorewood Drive and Cascades Pass Blvd/Deception Pass St/Gray Harbor Ct to provide a key connection from Jackson Park to planned facilities on Kitsap Way and to downtown Bremerton. It also connects the housing area to the base. Shorewood Drive does not experience inclines, is low volume, and has low traffic speeds.		X	X	X
AT49	In response to roadway updates recommended to Kitsap Way and National Ave as part of other projects, construct crosswalks at 1st St/National Ave and install sidewalks on National Ave. Address visibility for northbound traffic on National Avenue at 1st St by adding pedestrian crossing signage and/or trimming the vegetation blocking the intersection.		X	X	X

Joint Compatibility Transportation Plan

DRAFT - For Discussion Purposes Only

#	Improvement Idea	Notes on Improvement	Support Parking Alternative	Relocate Parking Alternative	Add Base Parking Alternative
AT50	Construct protected bike lanes or a shared-use path on Charleston Blvd between 1st St and SR-3 to make it a low-stress facility given high traffic speeds and volumes (ADT is greater than 30,000). The west side of Charleston Blvd has a buffered sidewalk, so the west side could be considered for a shared-use path. Install separate bicycle signal heads at signals to provide a leading bicycle signal phase and bike activation sensors, and design all intersections to allow safe movements for bicyclists (e.g. bike boxes, green pavement paint, etc), such as Charleston Blvd/Farragut Street, where northbound right turning vehicles may conflict with cyclists.		X	X	X
AT51	Construct bike boulevards that connect to downtown Bremerton to flesh out the low-stress bike network. Bike boulevards will include sharrows and distinct, branded wayfinding signage that indicates it is a bicycle route. Where the routes cross signalized intersections, provide bicycle signal detection and actuation, and consider installing separate bicycle signal heads to provide a leading bicycle signal phase. Types of improvements needed at non-signalized intersection include advance warning signs to notify motorists of bicycle boulevard crossings, intersection crossing markings, or raised intersections. Bike boulevards are proposed on 15th St from High Ave to Corbet Dr NW, Chester Ave from Olympic College to 1st St, Montgomery Ave from 1st St to 15th St, State Street from 1st Street to 4th Street, 4th Street from Washington Ave to Naval Ave, 8th Street from Washington Ave to Montgomery Ave, Wycoff Ave from 11th Ave to 26th St, 1st St from Chester Ave to Marion Ave (with added signage at intersections), 19th St from Naval Ave to Corbet Dr NW, National Ave from Kitsap Way to Charleston Beach Blvd, Oyster Bay Ave/W Arsenal Way, Marion Ave from W Arsenal Way to Kitsap Way, Corbet Dr NW from E Phinney Bay Dr to Kitsap Way, Pacific Ave from Burwell St to 13th St.		X	X	X
AT52	Construct protected bike lanes on 11th Street from Kitsap Way to Washington Avenue to connect with proposed bike lanes along Washington Avenue. Protected bike lanes are recommended as ADT is high at around 20,000. Install separate bicycle signal heads to provide a leading bicycle signal phase and bike activation sensors at N Callow Ave, Naval Ave, High Ave, Warren Ave, Park Ave, and Pacific Ave. Design all intersections to allow safe movements for bicyclists (e.g. bike boxes, green pavement paint, etc).		X	X	X
AT53	Construct protected bike lanes on 6th Street from Kitsap Way to Washington Avenue. Protected bike lanes recommended as ADT is greater than 10,000. Install separate bicycle signal heads to provide a leading bicycle signal phase and bike activation sensors at Naval Avenue, High Avenue, Veneta Avenue, Warren Avenue, Park Avenue, Pacific Avenue and Washington Avenue. Design all intersections to allow safe movements for bicyclists (e.g. bike boxes, green pavement paint, etc).		X	X	X
AT55	Construct bike lanes on Park Avenue from Burwell St to Lower Roto Vista Park, and install separate bicycle signal heads to provide a leading bicycle signal phase and bike activation sensors at 11th St and 6th St. ADT is less than 5,000 and speeds are relatively low, so bike lanes are sufficient per the FHWA Bikeway Selection Guide.		X	X	X
AT58	Add leading pedestrian intervals at key intersections in downtown Bremerton that people frequently walk to access facilities, such as Olympic College, the Naval Base, or Gateway Park & Ride, or key intersections that may align with pedestrian travel patterns to activity centers. As a first phase of improvements, leading pedestrian intervals are recommended at the following intersections: Burwell & State, Burwell & Naval, Burwell & Pacific, Burwell & Washington, Warren & 16th, Warren & 13th, 6th & Montgomery, 6th & Warren, 6th & Pacific, 11th & Warren. Evaluate adding additional leading pedestrian intervals as part of a second phase of improvements.		X	X	X
AT59	Implement a separated bike lane on 13th St from Park Ave to Naval Ave. ADT is close to 10,000 and speeds are relatively low, but the higher volumes and presence of transit stops warrants need for enhanced bicycle facilities to provide connections to Olympic College and other planned facilities on Warren Ave and High Ave.		X	X	X
AT60	Update bicycle lanes to separated bicycle lanes on Wheaton Way to provide low stress facilities due to high ADT around 7,000 and speed limits of 25 MPH. Extend separated bike facilities to Lebo Blvd and Sheridan Rd to connect with Warren Avenue Bridge bike facilities.		X	X	X
AT61	Implement low stress separated bike lanes on National Avenue to provide N/S connections in the Naval Yard area of Bremerton. Road widening would be necessary to provide a low-stress facility, which is recommended due to ADT around 7,000 and 35 MPH speeds.		X	X	X
AT62	Construct protected bike lanes or a shared-use path on Kitsap Way between SR3 and N Callow Ave to make it a low-stress facility given high traffic speeds and volumes (ADT around 40,000). Install separate bicycle signal heads at signals to provide a leading bicycle signal phase and bike activation sensors, and design all intersections to allow safe movements for bicyclists (e.g. bike boxes, green pavement paint, etc).		X	X	X

Appendix K

Second Level Screening Results



Joint Compatibility Transportation Plan
Second Level Screening

				
Performance compared to 2050	Worse	Same	Improves	Significantly improves

		Support Parking Alternative		Relocate Parking Alternative		Add Base Parking Alternative	
Study Goal Area	Performance Measures	Performance Compared to 2050 No Build	Key Findings	Performance Compared to 2050 No Build	Key Findings	Performance Compared to 2050 No Build	Key Findings
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel Time	➔	* During AM peak hour travel times improve for both general purpose traffic and transit due to roundabouts along Kitsap Way, Burwell Street, and Loxie Eagans Blvd during AM peak hour. * Transit travel times during the AM peak hour are further improved by northbound HOV lane along Charleston Blvd	➔	* This alternative assumes 1,000 vehicles will be removed from traffic inbound to downtown during the AM peak hour and from traffic outbound of downtown during the PM peak hour. Assume they instead park outside downtown and take transit in. * General purpose and transit travel times improve due to reduced volumes. * Transit travel times are further improved by TSP.	➔	* Transit travel times during the AM peak hour are further improved by northbound HOV lane along Charleston Blvd * During the PM peak hour, general purpose and transit travel times improve due to added capacity along Kitsap Way.
	Travel Time Reliability	➔	* During PM peak hour travel times worsen for both general purpose traffic and transit due to reduced capacity associated with the 11th Street and 6th Street road diets. * During the PM peak hour, transit travel time improvements associated with the BAT lane along SR 303 are outweighed by reduced capacities associated with the 11th Street and 6th Street road diets.	⬆	* During the PM peak hour, improvements to general purpose travel time associated with reduced outbound volumes are outweighed by reduced capacities associated with the 11th Street and 6th Street road diets.	➔	* Transit travel time during the PM peak hour is further improved by the BAT lane along SR 303. * Impacts to travel time reliability are similar to those associated with travel time.
	Average Score	➔	* Impacts to travel time reliability are similar to those associated with travel time.	➔	* During the PM peak hour, improvements to transit travel time associated with BAT lanes along Kitsap Way and SR 303 are outweighed by reduced capacities associated with the 11th Street and 6th Street road diets. * Impacts to travel time reliability are similar to those associated with travel time.	➔	
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose	➔	* With minimal changes to volumes in this alternative, impacts to general purpose and transit mobility are similar to those associated with travel time.	⬆	* General purpose mobility improves during the AM and PM peak hour due to reduced general purpose vehicle volumes. * Transit mobility worsens during the AM and PM peak hour despite the addition of transit signal priority (TSP). This is because the reduction of network vehicles results in a demand for transit, thus increasing the number of transit users in the analysis. This assumes bus service and bus stop locations remain the same as existing.	⬆	* With minimal changes to volumes along several of the major corridors in this alternative, impacts to general purpose and transit mobility are similar to those associated with travel time. * General purpose mobility improves most along Burwell St due to reduced volumes and added roadway capacity.
	Person hours of delay - Transit	➔		➔			
	Average Score	➔		➔			
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes	➔	* Road diet projects at 6th Street and 11th Street provide the largest reduction in overall crashes, and in serious injury and fatal crashes. * Roundabouts and adaptive signal timing provide additional crash reductions.	⬆	* Road diet projects at 6th Street and 11th Street provide the largest reduction in overall crashes, and in serious injury and fatal crashes. * TSP, roundabouts, and adaptive signal timing provide additional crash reductions.	⬆	* Roundabouts and adaptive signal timing result in a reduction of overall crashes and the number of serious injury and fatal crashes.
	Number of serious injury and fatal crashes	⬆		⬆			
	Average Score	➔		⬆			
Active Transportation: <i>Improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone.</i>	Number of people who can walk/bike to NBK-BR or P&Rs under low stress conditions	➔	* Active transportation is not a differentiator between alternatives. Active transportation projects will be prioritized for the Preferred Alternative.	➔	* Active transportation is not a differentiator between alternatives. Active transportation projects will be prioritized for the Preferred Alternative.	➔	* Active transportation is not a differentiator between alternatives. Active transportation projects will be prioritized for the Preferred Alternative.
	Number of high-quality travel choices in the study area	⬆		⬆			
	Safe and Comfortable Walking and Biking Options	⬆		⬆			
	Average Score	➔		➔			
Parking: <i>Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods.</i>	Parking utilization	⬆	* Assumes paid parking downtown, on-street commuter parking permits in residential zones * Substantial increase in surface parking; results in largest increases in revenue and decreases in the "Bremerton Shuffle" * Would have the highest parking impacts on downtown/neighborhood but would provide the largest boost to City revenues and technology investments. * Alternative is positive from a parking business/resource perspective but most impactful to Downtown and adjacent neighborhoods.	⬆	* Assumes residential only parking permits and paid parking downtown. * Assumes a substantial decrease in surface parking, as existing parking is replaced outside downtown, and a portion of current downtown parking is replaced by redeveloping City-owned surface lots to more active land-uses. It also doesn't account for differences in the user experience of being able to park near or on NBK versus park and ride/transit access. * Assumes a "Commuter Engagement and Incentive Platform" where major employers in the study area would participate in use of a commuter engagement and incentive platform to enhance mobility options and incentives for commuters.	⬆	* Assumes parking downtown that is used by NBK-BR workers is now provided on Base; also assumes residential only parking permits * Shift in parking from downtown to th Base results in a decrease in revenue * Alternative doesn't include improvements or policies that would substantially improve enforcement. * Available surface parking largely assumed to remain the same
	Parking violations	⬆		⬆			
	City parking revenue	⬆		➔			
	City parking enforcement	⬆		⬆			
	Accessibility to parking for Base workers	⬆		➔			
	Tracking the "Bremerton Shuffle"	⬆		⬆			
	Surface parking/land use impacts	⬇		⬆			
	Average Score	➔		⬆			

Joint Compatibility Transportation Plan
Second Level Screening

Arterial (Direction)	From	To	Distance (miles)	No Build		Support Parking Alternative		Relocate Parking Alternative		Add Base Parking Alternative	
				TT	Speed (mph)	Corridor TT	Speed (mph)	Corridor TT	Speed (mph)	Corridor TT	Speed (mph)
AM GP											
Corridor Travel Time											
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	1.40	0:03:30	24	0:03:20	25	0:02:40	32	0:02:40	32
11th Ave (Eastbound)	Kitsap Way	SR 303	1.11	0:03:30	19	0:02:20	29	0:02:20	29	0:02:20	29
6th St (Eastbound)	N Callow Ave	SR 303	0.95	0:03:30	16	0:03:30	16	0:03:10	18	0:03:40	15
Burwell St (Eastbound)	N Callow Ave	SR 303	0.95	0:03:40	16	0:03:10	18	0:02:50	20	0:02:50	20
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2.91	0:08:20	21	0:06:30	27	0:08:00	22	0:08:20	21
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	0.89	0:03:20	16	0:02:10	25	0:02:10	25	0:02:40	20
GP Total				0:25:50		0:21:00		0:21:10		0:22:30	
Change from No Build				0%		19%		18%		13%	
Score				1		2		2		2	
AM Transit											
Corridor Travel Time											
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	1.40	0:06:20	13	0:06:00	14	0:04:20	19	0:05:30	15
11th Ave (Eastbound)	Kitsap Way	SR 303	1.11	0:05:00	13	0:03:50	17	0:03:40	18	0:03:50	17
6th St (Eastbound)	N Callow Ave	SR 303	0.95	0:07:40	7	0:07:50	7	0:05:10	11	0:07:50	7
Burwell St (Eastbound)	N Callow Ave	SR 303	0.95	0:07:00	8	0:06:30	9	0:05:20	11	0:06:10	9
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2.91	0:13:30	13	0:12:10	14	0:10:30	17	0:14:10	12
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	0.89	0:04:50	11	0:03:30	15	0:03:30	15	0:04:00	13
Transit Total				0:44:20		0:39:50		0:32:30		0:41:30	
Change from No Build				0%		10%		27%		6%	
Score				1		2		3		1	
PM GP											
Corridor Travel Time											
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	1.40	0:05:30	15	0:05:40	15	0:03:20	25	0:03:40	23
11th Ave (Westbound)	SR 303	Kitsap Way	1.11	0:04:50	14	0:03:30	19	0:03:20	20	0:03:20	20
6th St (Westbound)	SR 303	N Callow Ave	0.95	0:04:00	14	0:06:30	9	0:07:00	8	0:06:30	9
Burwell St (Westbound)	SR 303	N Callow Ave	0.95	0:04:20	13	0:03:30	16	0:03:10	18	0:04:30	13
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2.91	0:13:20	13	0:12:00	15	0:12:40	14	0:11:30	15
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	0.89	0:03:10	17	0:02:20	23	0:02:10	25	0:02:20	23
GP Total				0:35:10		0:33:30		0:31:40		0:31:50	
Change from No Build				0%		5%		10%		9%	
Score				1		1		1		1	
PM Transit											
Corridor Travel Time											
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	1.40	0:07:20	11	0:07:20	11	0:04:10	20	0:05:20	16
11th Ave (Westbound)	SR 303	Kitsap Way	1.11	0:06:20	11	0:05:00	13	0:04:40	14	0:04:50	14
6th St (Westbound)	SR 303	N Callow Ave	0.95	0:09:00	6	0:11:30	5	0:09:20	6	0:11:20	5
Burwell St (Westbound)	SR 303	N Callow Ave	0.95	0:07:20	8	0:06:30	9	0:05:10	11	0:07:30	8
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2.91	0:18:50	9	0:14:30	12	0:13:00	13	0:14:00	12
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	0.89	0:04:00	13	0:03:00	18	0:02:50	19	0:03:00	18
Transit Total				0:52:50		0:47:50		0:39:10		0:46:00	
Change from No Build				0%		9%		26%		13%	
Score				1		1		3		2	

Joint Compatibility Transportation Plan
Second Level Screening

					No Build								Support Parking Alternative								
Arterial (Direction)	From	To	Number of lanes (directional)	Free Flow Speed (FFS)	Actual Speed	Arterial LOS	V/C	V/C rounded	Travel Rate = (1/ Actual speed)	Recurring Delay = (t-1/FFS)	Incident Delay (D _u) = (IDAP lookup)	TTI _m	Number of lanes (directional)	Actual Speed	Arterial LOS	V/C	V/C rounded	Travel Rate = (1/ Actual speed)	Recurring Delay = (t-1/FFS)	Incident Delay (D _u) = (IDAP lookup)	TTI _m
AM GP																					
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	2	35	24	C	0.71	0.70	0.042	0.013	1.12E-03	1.50	2	25	C	0.71	0.70	0.040	0.011	1.12E-03	1.43
11th Ave (Eastbound)	Kitsap Way	SR 303	2	30	19	C	0.71	0.70	0.053	0.019	1.12E-03	1.60	2	29	B	0.61	0.60	0.035	0.002	6.00E-04	1.06
6th St (Eastbound)	N Callow Ave	SR 303	2	25	16	C	0.71	0.70	0.062	0.021	1.12E-03	1.56	2	16	D	0.81	0.80	0.062	0.021	2.09E-03	1.58
Burwell St (Eastbound)	N Callow Ave	SR 303	2	25	16	D	0.81	0.80	0.064	0.024	2.09E-03	1.66	2	18	D	0.81	0.80	0.055	0.015	2.09E-03	1.44
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2	28	21	D	0.81	0.80	0.048	0.013	2.09E-03	1.41	2	27	D	0.81	0.80	0.037	0.002	2.09E-03	1.12
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	3	30	16	D	0.81	0.80	0.062	0.029	1.64E-03	1.94	4	25	C	0.71	0.70	0.041	0.007	5.28E-04	1.24
Average												1.61									
Change from No Build												0%									
Change Type												NO CHANGE									
Score												1									
AM Transit																					
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	2	35	13	C	0.71	0.70	0.075	0.047	1.12E-03	2.68	2	14	C	0.71	0.70	0.071	0.043	1.12E-03	2.54
11th Ave (Eastbound)	Kitsap Way	SR 303	2	30	13	C	0.71	0.70	0.075	0.042	1.12E-03	2.27	2	17	B	0.61	0.60	0.058	0.024	6.00E-04	1.73
6th St (Eastbound)	N Callow Ave	SR 303	2	25	7	C	0.71	0.70	0.135	0.095	1.12E-03	3.39	2	7	D	0.81	0.80	0.138	0.098	2.09E-03	3.48
Burwell St (Eastbound)	N Callow Ave	SR 303	2	25	8	D	0.81	0.80	0.122	0.082	2.09E-03	3.12	2	9	D	0.81	0.80	0.114	0.074	2.09E-03	2.90
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2	28	13	D	0.81	0.80	0.077	0.042	2.09E-03	2.25	2	14	D	0.81	0.80	0.070	0.034	2.09E-03	2.04
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	3	30	11	D	0.81	0.80	0.091	0.057	1.64E-03	2.79	4	15	C	0.71	0.70	0.066	0.032	5.28E-04	2.00
Average												2.75									
Change from No Build												0%									
Change Type												NO CHANGE									
Score												1									
PM GP																					
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	2	35	15	E	0.91	0.90	0.065	0.037	5.10E-03	2.47	2	15	E	0.91	0.90	0.067	0.039	5.10E-03	2.54
11th Ave (Westbound)	SR 303	Kitsap Way	2	30	14	E	0.91	0.90	0.073	0.039	5.10E-03	2.32	2	19	D	0.81	0.80	0.053	0.019	2.09E-03	1.63
6th St (Westbound)	SR 303	N Callow Ave	2	25	14	D	0.81	0.80	0.070	0.030	2.09E-03	1.80	2	9	F	1.00	1.00	0.114	0.074	1.99E-02	3.34
Burwell St (Westbound)	SR 303	N Callow Ave	2	25	13	D	0.81	0.80	0.076	0.036	2.09E-03	1.95	2	16	D	0.81	0.80	0.061	0.021	2.09E-03	1.59
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2	28	13	F	1.00	1.00	0.076	0.041	1.99E-02	2.73	3	15	E	0.91	0.90	0.069	0.034	4.01E-03	2.07
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	2	30	17	C	0.71	0.70	0.059	0.026	1.12E-03	1.83	2	23	C	0.71	0.70	0.044	0.011	1.12E-03	1.35
Average												2.18									
Change from No Build												0%									
Change Type												NO CHANGE									
Score												1									
PM Transit																					
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	2	35	11	E	0.91	0.90	0.087	0.059	5.10E-03	3.23	2	11	E	0.91	0.90	0.087	0.059	5.10E-03	3.23
11th Ave (Westbound)	SR 303	Kitsap Way	2	30	11	E	0.91	0.90	0.095	0.062	5.10E-03	2.99	2	13	D	0.81	0.80	0.075	0.042	2.09E-03	2.30
6th St (Westbound)	SR 303	N Callow Ave	2	25	6	D	0.81	0.80	0.158	0.118	2.09E-03	3.99	2	5	F	1.00	1.00	0.202	0.162	1.99E-02	5.53
Burwell St (Westbound)	SR 303	N Callow Ave	2	25	8	D	0.81	0.80	0.128	0.088	2.09E-03	3.26	2	9	D	0.81	0.80	0.114	0.074	2.09E-03	2.90
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2	28	9	F	1.00	1.00	0.108	0.073	1.99E-02	3.63	3	12	E	0.91	0.90	0.083	0.048	4.01E-03	2.47
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	2	30	13	C	0.71	0.70	0.075	0.042	1.12E-03	2.30	2	18	C	0.71	0.70	0.056	0.023	1.12E-03	1.73
Average												3.23									
Change from No Build												0%									
Change Type												NO CHANGE									
Score												1									

Joint Compatibility Transportation Plan
Second Level Screening

					Relocate Parking Alternative									Add Base Parking Alternative								
Arterial (Direction)	From	To	Number of lanes (directional)	Free Flow Speed (FFS)	Number of lanes (directional)	Actual Speed	Arterial LOS	V/C	V/C rounded	Travel Rate = (1/ Actual speed)	Recurring Delay = (t-1/FFS)	Incident Delay (D _i) = (IDAP lookup)	TTI _m	Number of lanes (directional)	Actual Speed	Arterial LOS	V/C	V/C rounded	Travel Rate = (1/ Actual speed)	Recurring Delay = (t-1/FFS)	Incident Delay (D _i) = (IDAP lookup)	TTI _m
AM GP																						
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	2	35	2	32	D	0.81	0.80	0.032	0.003	2.09E-03	1.18	2	32	C	0.71	0.70	0.032	0.003	1.12E-03	1.15
11th Ave (Eastbound)	Kitsap Way	SR 303	2	30	2	29	B	0.61	0.60	0.035	0.002	6.00E-04	1.06	2	29	B	0.61	0.60	0.035	0.002	6.00E-04	1.06
6th St (Eastbound)	N Callow Ave	SR 303	2	25	2	18	D	0.81	0.80	0.056	0.016	2.09E-03	1.44	2	15	D	0.81	0.80	0.065	0.024	2.09E-03	1.66
Burwell St (Eastbound)	N Callow Ave	SR 303	2	25	2	20	D	0.81	0.80	0.050	0.010	2.09E-03	1.29	2	20	C	0.71	0.70	0.050	0.010	1.12E-03	1.27
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2	28	2	22	D	0.81	0.80	0.046	0.011	2.09E-03	1.36	2	21	D	0.81	0.80	0.048	0.013	2.09E-03	1.41
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	3	30	3	25	C	0.71	0.70	0.041	0.007	7.98E-04	1.25	4	20	C	0.71	0.70	0.050	0.017	5.28E-04	1.53
Average													1.27									
Change from No Build													21%									
Change Type													IMPROVE TTR									
Score													3									
AM Transit																						
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	2	35	2	19	D	0.81	0.80	0.052	0.023	2.09E-03	1.88	2	15	C	0.71	0.70	0.065	0.037	1.12E-03	2.33
11th Ave (Eastbound)	Kitsap Way	SR 303	2	30	2	18	B	0.61	0.60	0.055	0.022	6.00E-04	1.66	2	17	B	0.61	0.60	0.058	0.024	6.00E-04	1.73
6th St (Eastbound)	N Callow Ave	SR 303	2	25	2	11	D	0.81	0.80	0.091	0.051	2.09E-03	2.31	2	7	D	0.81	0.80	0.138	0.098	2.09E-03	3.48
Burwell St (Eastbound)	N Callow Ave	SR 303	2	25	2	11	D	0.81	0.80	0.093	0.053	2.09E-03	2.39	2	9	C	0.71	0.70	0.108	0.068	1.12E-03	2.73
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2	28	2	17	D	0.81	0.80	0.060	0.025	2.09E-03	1.77	2	12	D	0.81	0.80	0.081	0.046	2.09E-03	2.36
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	3	30	3	15	C	0.71	0.70	0.066	0.032	7.98E-04	2.01	4	13	C	0.71	0.70	0.075	0.042	5.28E-04	2.28
Average													2.00									
Change from No Build													27%									
Change Type													IMPROVE TTR									
Score													3									
PM GP																						
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	2	35	3	25	D	0.81	0.80	0.040	0.011	1.64E-03	1.45	2	23	D	0.81	0.80	0.044	0.015	2.09E-03	1.60
11th Ave (Westbound)	SR 303	Kitsap Way	2	30	2	20	D	0.81	0.80	0.050	0.017	2.09E-03	1.55	2	20	D	0.81	0.80	0.050	0.017	2.09E-03	1.55
6th St (Westbound)	SR 303	N Callow Ave	2	25	2	8	F	1.00	1.00	0.123	0.083	1.99E-02	3.56	2	9	F	1.00	1.00	0.114	0.074	1.99E-02	3.34
Burwell St (Westbound)	SR 303	N Callow Ave	2	25	2	18	D	0.81	0.80	0.055	0.015	2.09E-03	1.44	2	13	E	0.91	0.90	0.079	0.039	5.10E-03	2.10
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2	28	3	14	E	0.91	0.90	0.073	0.037	4.01E-03	2.17	3	15	E	0.91	0.90	0.066	0.031	4.01E-03	1.98
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	2	30	2	25	C	0.71	0.70	0.041	0.007	1.12E-03	1.26	2	23	C	0.71	0.70	0.044	0.011	1.12E-03	1.35
Average													1.91									
Change from No Build													13%									
Change Type													IMPROVE GP									
Score													2									
PM Transit																						
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	2	35	3	20	D	0.81	0.80	0.050	0.021	1.64E-03	1.79	2	16	D	0.81	0.80	0.063	0.035	2.09E-03	2.30
11th Ave (Westbound)	SR 303	Kitsap Way	2	30	2	14	D	0.81	0.80	0.070	0.037	2.09E-03	2.15	2	14	D	0.81	0.80	0.073	0.039	2.09E-03	2.23
6th St (Westbound)	SR 303	N Callow Ave	2	25	2	6	F	1.00	1.00	0.164	0.124	1.99E-02	4.58	2	5	F	1.00	1.00	0.199	0.159	1.99E-02	5.46
Burwell St (Westbound)	SR 303	N Callow Ave	2	25	2	11	D	0.81	0.80	0.090	0.050	2.09E-03	2.32	2	8	E	0.91	0.90	0.131	0.091	5.10E-03	3.41
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2	28	3	13	E	0.91	0.90	0.074	0.039	4.01E-03	2.23	3	12	E	0.91	0.90	0.080	0.045	4.01E-03	2.39
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	2	30	2	19	C	0.71	0.70	0.053	0.020	1.12E-03	1.64	2	18	C	0.71	0.70	0.056	0.023	1.12E-03	1.73
Average													2.45									
Change from No Build													24%									
Change Type													IMPROVE TTR									
Score													3									

Joint Compatibility Transportation Plan
Second Level Screening

					No Build				Support Parking Alternative				Relocate Parking Alternative				Add Base Parking Alternative								
					85%		1.12		85%		1.12		85%		1.12		85%		1.12						
					15%		2.2		15%		2.2		15%		2.2		15%		2.2						
Arterial (Direction)	From	To	Distance (miles)	Free Flow TT	Corridor TT	# of Vehicles	# or Persons	Person Hours of Delay	Corridor TT	# of Vehicles	# or Persons	Person Hours of Delay (per mile)	Corridor TT	# of Vehicles	# or Persons	Person Hours of Delay (per mile)	Corridor TT	# of Vehicles	# or Persons	Person Hours of Delay (per mile)					
AM GP																									
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	1.40	0:02:20	0:03:30	1,770	1,982	39	0:03:20	1,770	1,982	33	0:02:40	1,510	1,691	9	0:02:40	1,770	1,982	11					
11th Ave (Eastbound)	Kitsap Way	SR 303	1.11	0:02:10	0:03:30	830	930	21	0:02:20	930	1,042	3	0:02:20	850	952	3	0:02:20	890	997	3					
6th St (Eastbound)	N Callow Ave	SR 303	0.95	0:02:20	0:03:30	1,130	1,266	25	0:03:30	930	1,042	20	0:03:10	820	918	13	0:03:40	810	907	20					
Burwell St (Eastbound)	N Callow Ave	SR 303	0.95	0:02:20	0:03:40	1,130	1,266	28	0:03:10	1,250	1,400	19	0:02:50	830	930	8	0:02:50	890	997	8					
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2.91	0:06:10	0:08:20	1,170	1,310	47	0:06:30	1,180	1,322	7	0:08:00	930	1,042	32	0:08:20	1,240	1,389	50					
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	0.89	0:01:50	0:03:20	1,740	2,230	56	0:02:10	1,740	2,230	12	0:02:10	1,300	1,456	8	0:02:40	1,740	2,230	31					
Total								215									95								
Change from No Build								0%									56%								
Score								1									3								
AM Transit																									
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	1.40	0:02:20	0:06:20		360	24	0:06:00		360	22	0:04:20		610	20	0:05:30		360	19					
11th Ave (Eastbound)	Kitsap Way	SR 303	1.11	0:02:10	0:05:00		260	12	0:03:50		260	7	0:03:40		460	12	0:03:50		260	7					
6th St (Eastbound)	N Callow Ave	SR 303	0.95	0:02:20	0:07:40		125	11	0:07:50		125	11	0:05:10		175	8	0:07:50		125	11					
Burwell St (Eastbound)	N Callow Ave	SR 303	0.95	0:02:20	0:07:00		475	37	0:06:30		475	33	0:05:20		910	46	0:06:10		475	30					
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2.91	0:06:10	0:13:30		520	64	0:12:10		520	52	0:10:30		735	53	0:14:10		520	69					
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	0.89	0:01:50	0:04:50		520	26	0:03:30		520	14	0:03:30		930	26	0:04:00		520	19					
Total								174									140								
Change from No Build								0%									19%								
Score								1									2								
PM GP																									
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	1.40	0:02:20	0:05:30	2,210	2,475	131	0:05:40	2,210	2,475	138	0:03:20	1,960	2,195	37	0:03:40	2,210	2,475	55					
11th Ave (Westbound)	SR 303	Kitsap Way	1.11	0:02:10	0:04:50	1,330	1,490	66	0:03:30	1,440	1,613	36	0:03:20	1,350	1,512	29	0:03:20	1,390	1,557	30					
6th St (Westbound)	SR 303	N Callow Ave	0.95	0:02:20	0:04:00	1,390	1,557	43	0:06:30	1,180	1,322	92	0:07:00	1,060	1,187	92	0:06:30	1,040	1,165	81					
Burwell St (Westbound)	SR 303	N Callow Ave	0.95	0:02:20	0:04:20	1,120	1,254	42	0:03:30	1,250	1,400	27	0:03:10	810	907	13	0:04:30	890	997	36					
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2.91	0:06:10	0:13:20	1,760	1,971	235	0:12:00	1,770	1,982	193	0:12:40	1,530	1,714	186	0:11:30	1,840	2,061	183					
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	0.89	0:01:50	0:03:10	1,520	1,950	43	0:02:20	1,520	1,950	16	0:02:10	1,080	1,380	8	0:02:20	1,270	1,630	14					
Total								561									501								
Change from No Build								0%									11%								
Score								1									2								
PM Transit																									
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	1.40	0:02:20	0:07:20		360	30	0:07:20		360	30	0:04:10		610	19	0:05:20		360	18					
11th Ave (Westbound)	SR 303	Kitsap Way	1.11	0:02:10	0:06:20		260	18	0:05:00		260	12	0:04:40		460	19	0:04:50		260	12					
6th St (Westbound)	SR 303	N Callow Ave	0.95	0:02:20	0:09:00		125	14	0:11:30		125	19	0:09:20		175	20	0:11:20		125	19					
Burwell St (Westbound)	SR 303	N Callow Ave	0.95	0:02:20	0:07:20		475	40	0:06:30		475	33	0:05:10		910	43	0:07:30		475	41					
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2.91	0:06:10	0:18:50		520	110	0:14:30		520	72	0:13:00		735	84	0:14:00		520	68					
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	0.89	0:01:50	0:04:00		520	19	0:03:00		520	10	0:02:50		930	16	0:03:00		520	10					
Total								230									177								
Change from No Build								0%									23%								
Score								1									3								

Joint Compatibility Transportation Plan
Second Level Screening

Alternative Improvements	No Build					Support Parking Alternative					Relocate Parking Alternative					Add Base Parking Alternative							
	Total Crash CMF	KABC Crash CMF	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes		
C1	1.00	0.34					1.00	2, 3	0.34	2, 3	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)												
C2	1.00	0.34					1.00	104, 105	0.34	104, 105	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	104, 105	0.34	104, 105	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)							
C6	1.00	0.71															1.00	7	0.71	7	Single left-turn to double left-turn lanes (ODOT H63)		
C7																							
C8	0.96	1.00										-		-			0.96	37	1.00	37	Add right-turn lane (ODOT H4)		
C9	1.00	0.34					1.00	37, 38, 135, 21	0.34	37, 38, 135, 21	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)												
C10	0.58	0.58					1.00	35	0.34	35	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)						-	35	-	35	No improvement		
C16							-		-								-		-				
C20																							
C21																							
C23	0.87	0.95										0.87	2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 36, 37, 38, 44, 45	0.95	2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 36, 37, 38, 44, 45								
C24							-		-			-		-			-		-				
6th St road diet							-	12, 13, 14, 16, 17	-	12, 13, 14, 16, 17	10.9 fewer annual crashes (Bremerton Strategic Road Safety Plan)	-	12, 13, 14, 16, 17	-	12, 13, 14, 16, 17	10.9 fewer annual crashes (Bremerton Strategic Road Safety Plan)							
11th St road diet							-	22, 30, 31, 32	-	22, 30, 31, 32	10.9 fewer annual crashes (approximate based on Bremerton Strategic Road Safety Plan)	-	22, 30, 31, 32	-	22, 30, 31, 32	10.9 fewer annual crashes (approximate based on Bremerton Strategic Road Safety Plan)							
C26							-		-			-		-			-		-				
C27							-		-			-		-			-		-				
C29																							
11th RAB	1.00	0.34					1.00	22	0.34	22	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	22	0.34	22	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	22	0.34	22	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)		
Ridell RAB	1.00	0.34					1.00	28	0.34	28	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	28	0.34	28	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	28	0.34	28	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)		
Median treatments		0.70					-		0.70	25, 26, 27, 28, 29	Add median intersection treatment (ODOT H1)	-		0.70	25, 26, 27, 28, 29	Add median intersection treatment (ODOT H1)	-		0.70	25, 26, 27, 28, 29	Add median intersection treatment (ODOT H1)		
Furneys porkchop		0.65					-		0.65	29	Add channelized right turn with median (ODOT H6)	-		0.65	29	Add channelized right turn with median (ODOT H6)	-		0.65	29	Add channelized right turn with median (ODOT H6)		
C31																							
C32																							
C35	0.83	0.92					0.83	8, 10, 11, 12, 13, 14, 16, 17, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 44, 45	0.92	8, 10, 11, 12, 13, 14, 16, 17, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 44, 45	Adaptive signal timing	0.83	2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 36, 37, 38, 44, 45	0.92	2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 36, 37, 38, 44, 45	Adaptive signal timing	0.83	2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 36, 37, 38, 44, 45, 104, 105	0.92	2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 16, 17, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 36, 37, 38, 44, 45, 104, 105	Adaptive signal timing		
C38 - added below Burwell St adaptive signals							-		-			-		-			-		-				
6th St road diet							-		-			-		-			-		-				
11th/Callow								11		11	1.72 fewer annual crashes (Bremerton Strategic Road Safety Plan)		11		11	1.72 fewer annual crashes (Bremerton Strategic Road Safety Plan)		11		11	1.72 fewer annual crashes (Bremerton Strategic Road Safety Plan)		

Joint Compatibility Transportation Plan
Second Level Screening

			No Build				Support Parking Alternative					Relocate Parking Alternative					Add Base Parking Alternative				
	Total Crash CMF	KABC Crash CMF	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes
13th and Sylvan corridors							23		23	1.39 fewer crashes (Bremerton Strategic Road Safety Plan)		23		23	1.39 fewer crashes (Bremerton Strategic Road Safety Plan)		23		23	1.39 fewer crashes (Bremerton Strategic Road Safety Plan)	
C39	1.00	0.34					1.00	4, 5, 6, 7	0.34	4, 5, 6, 7	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)										
AT1							-		-												
AT5							-		-	Add sidewalks (ODOT BP29 - ped crashes on roadway segments only)				-	Add sidewalks (ODOT BP29 - ped crashes on roadway segments only)				-		
AT8	0.70	0.64					0.70	44	0.64	44	Install raised pedestrian crossing (Virginia DOT)					0.70	44	0.64	44	Install raised pedestrian crossing (Virginia DOT)	
AT9														-	Add LPI (ODOT BP3 - ped and bike crashes only)						
AT10														-	Add LPI (ODOT BP3 - ped and bike crashes only)						
AT12	0.70	0.64					0.70	38	0.64	38	Install raised pedestrian crossing (Virginia DOT)					0.70	38	0.64	38	Install raised pedestrian crossing (Virginia DOT)	
AT16											Add sidewalks (ODOT BP29 - ped crashes on roadway segments only)			-	Add sidewalks (ODOT BP29 - ped crashes on roadway segments only)					Add sidewalks (ODOT BP29 - ped crashes on roadway segments only)	
Intersections																					
	2014-2019 Crash Rate	2014-2019 KABC Crash Rate	Total Crash CMF	Total Crash Rate	KABC Crash CMF	KABC Crash Rate	Total Crash CMF	Total Crash Rate	KABC Crash CMF	KABC Crash Rate	Notes	Total Crash CMF	Total Crash Rate	KABC Crash CMF	KABC Crash Rate	Notes	Total Crash CMF	Total Crash Rate	KABC Crash CMF	KABC Crash Rate	Notes
2	7	1	1.00	6.50	1.00	1.17	1.00	6.50	0.34	0.40	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.72	4.69	0.87	1.02	Add TSP, Adaptive signal timing	0.83	5.40	0.92	1.07	Adaptive signal timing
3	9	3	1.00	8.50	1.00	3.00	1.00	8.50	0.34	1.02	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.72	6.14	0.87	2.62	Add TSP, Adaptive signal timing	0.83	7.06	0.92	2.76	Adaptive signal timing
4	6	2	1.00	5.67	1.00	1.67	1.00	5.67	0.34	0.57	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.72	4.09	0.87	1.46	Add TSP, Adaptive signal timing	0.83	4.70	0.92	1.53	Adaptive signal timing
5	5	2	1.00	4.83	1.00	1.50	1.00	4.83	0.34	0.51	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.72	3.49	0.87	1.31	Add TSP, Adaptive signal timing	0.83	4.01	0.92	1.38	Adaptive signal timing
6	6	2	1.00	6.17	1.00	2.00	1.00	6.17	0.34	0.68	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.72	4.45	0.87	1.75	Add TSP, Adaptive signal timing	0.83	5.12	0.92	1.84	Adaptive signal timing
7	7	2	1.00	7.33	1.00	2.17	1.00	7.33	0.34	0.74	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.72	5.30	0.87	1.89	Add TSP, Adaptive signal timing	0.83	6.09	0.65	1.42	Single left-turn to double left-turn lanes (ODOT H63), Adaptive signal timing
8	6	2	1.00	6.33	1.00	2.00	0.83	5.26	0.92	1.84	Adaptive signal timing	0.72	4.57	0.87	1.75	Add TSP, Adaptive signal timing	0.83	5.26	0.92	1.84	Adaptive signal timing
10	8	2	1.00	8.33	1.00	1.83	0.83	6.92	0.92	1.69	Adaptive signal timing	0.72	6.02	0.87	1.60	Add TSP, Adaptive signal timing	0.83	6.92	0.92	1.69	Adaptive signal timing
12	5	2	1.00	5.33	1.00	1.83	0.83	4.43	0.92	1.69	Adaptive signal timing	0.72	3.85	0.87	1.60	Add TSP, Adaptive signal timing	0.83	4.43	0.92	1.69	Adaptive signal timing
13	3	1	1.00	3.00	1.00	1.00	0.83	2.49	0.92	0.92	Adaptive signal timing	0.72	2.17	0.87	0.87	Add TSP, Adaptive signal timing	0.83	2.49	0.92	0.92	Adaptive signal timing
14	8	3	1.00	7.50	1.00	2.50	0.83	6.23	0.92	2.30	Adaptive signal timing	0.72	5.42	0.87	2.19	Add TSP, Adaptive signal timing	0.83	6.23	0.92	2.30	Adaptive signal timing
16	2	1	1.00	2.00	1.00	0.50	0.83	1.66	0.92	0.46	Adaptive signal timing	0.72	1.44	0.87	0.44	Add TSP, Adaptive signal timing	0.83	1.66	0.92	0.46	Adaptive signal timing
17	9	1	1.00	8.50	1.00	1.00	0.83	7.06	0.92	0.92	Adaptive signal timing	0.72	6.14	0.87	0.87	Add TSP, Adaptive signal timing	0.83	7.06	0.92	0.92	Adaptive signal timing
21	4	1	1.00	4.33	1.00	0.67	1.00	4.33	0.34	0.23	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.72	3.13	0.87	0.58	Add TSP, Adaptive signal timing	0.83	3.60	0.92	0.61	Adaptive signal timing
22	9	2	1.00	9.00	1.00	2.17	1.00	9.00	0.34	0.74	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	9.00	0.34	0.74	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	9.00	0.34	0.74	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
23	7	3	1.00	7.17	1.00	2.50	0.83	5.95	0.92	2.30	Adaptive signal timing	0.72	5.18	0.87	2.19	Add TSP, Adaptive signal timing	0.83	5.95	0.92	2.30	Adaptive signal timing
24	4	1	1.00	4.33	1.00	1.17	0.83	3.60	0.92	1.07	Adaptive signal timing	0.72	3.13	0.87	1.02	Add TSP, Adaptive signal timing	0.83	3.60	0.92	1.07	Adaptive signal timing
25	14	4	1.00	13.50	1.00	3.67	0.83	11.21	0.64	2.36	Adaptive signal timing	0.72	9.75	0.61	2.24	Add TSP, Adaptive signal timing	0.83	11.21	0.64	2.36	Adaptive signal timing

Joint Compatibility Transportation Plan
Second Level Screening

			No Build				Support Parking Alternative					Relocate Parking Alternative					Add Base Parking Alternative									
	Total Crash CMF	KABC Crash CMF	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes					
26	13	5	1.00	13.17	1.00	4.50	0.83	10.93	0.64	2.90	Adaptive signal timing	0.72	9.51	0.61	2.75	Add TSP, Adaptive signal timing	0.83	10.93	0.64	2.90	Adaptive signal timing					
27	4	1	1.00	3.83	1.00	1.33	0.83	3.18	0.64	0.86	Adaptive signal timing	0.72	2.77	0.61	0.82	Add TSP, Adaptive signal timing	0.83	3.18	0.64	0.86	Adaptive signal timing					
28	1	0	1.00	1.00	1.00	0.17	1.00	1.00	0.24	0.04	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	1.00	0.24	0.04	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	1.00	0.24	0.04	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)					
30	12	4	1.00	11.83	1.00	3.67	0.83	9.82	0.92	3.37	Adaptive signal timing	0.72	8.54	0.87	3.20	Add TSP, Adaptive signal timing	0.83	9.82	0.92	3.37	Adaptive signal timing					
31	4	2	1.00	4.33	1.00	1.67	0.83	3.60	0.92	1.53	Adaptive signal timing	0.72	3.13	0.87	1.46	Add TSP, Adaptive signal timing	0.83	3.60	0.92	1.53	Adaptive signal timing					
32	2	1	1.00	2.00	1.00	0.83	0.83	1.66	0.92	0.77	Adaptive signal timing	0.72	1.44	0.87	0.73	Add TSP, Adaptive signal timing	0.83	1.66	0.92	0.77	Adaptive signal timing					
34	1	0	1.00	0.83	1.00	0.33	1.00	0.83	1.00	0.33		1.00	0.83	1.00	0.33		1.00	0.83	1.00	0.33						
35	11	2	1.00	11.33	1.00	1.67	0.83	9.41	0.31	0.52	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT), Adaptive signal timing	0.72	8.18	0.87	1.46	Add TSP, Adaptive signal timing	-	0.00	-	0.00	No improvement, Adaptive signal timing					
36	6	1	1.00	6.17	1.00	1.33	1.00	6.17	1.00	1.33		0.72	4.45	0.87	1.17	Add TSP, Adaptive signal timing	0.83	5.12	0.92	1.23	Adaptive signal timing					
37	7	2	1.00	7.00	1.00	1.83	1.00	7.00	0.34	0.62	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.72	5.05	0.87	1.60	Add TSP, Adaptive signal timing	0.80	5.58	0.92	1.69	Add right-turn lane (ODOT H4), Adaptive signal timing					
38	3	1	1.00	2.67	1.00	0.67	0.70	1.87	0.22	0.15	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT), Install raised pedestrian crossing (Virginia DOT)	0.72	1.93	0.87	0.58	Add TSP, Adaptive signal timing	0.58	1.55	0.59	0.39	Adaptive signal timing, Install raised pedestrian crossing (Virginia DOT)					
44	1	0	1.00	0.67	1.00	0.33	0.58	0.39	0.59	0.20	Adaptive signal timing, Install raised pedestrian crossing (Virginia DOT)	0.72	0.48	0.87	0.29	Add TSP, Adaptive signal timing	0.58	0.39	0.59	0.20	Adaptive signal timing, Install raised pedestrian crossing (Virginia DOT)					
45	0	0	1.00	0.17	1.00	0.00	0.83	0.14	0.92	0.00	Adaptive signal timing	0.87	0.15	0.87	0.00	Add TSP	0.83	0.14	0.92	0.00	Adaptive signal timing					
47	4	1	1.00	3.67	1.00	0.67	1.00	3.67	1.00	0.67		1.00	3.67	1.00	0.67		1.00	3.67	1.00	0.67						
104	5	1	1.00	4.83	1.00	1.17	1.00	4.83	0.34	0.40	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	4.83	0.34	0.40	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.83	4.01	0.92	1.07	Adaptive signal timing					
105	10	4	1.00	10.33	1.00	4.17	1.00	10.33	0.34	1.42	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	10.33	0.34	1.42	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	0.83	8.58	0.92	3.83	Adaptive signal timing					
135	5	0	1.00	4.50	1.00	0.33	1.00	4.50	0.34	0.11	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)	1.00	4.50	1.00	0.33		1.00	4.50	1.00	0.33						
400	2	1	1.00	1.50	1.00	0.67	1.00	1.50	1.00	0.67		1.00	1.50	1.00	0.67		1.00	1.50	1.00	0.67						
401	3	0	1.00	2.50	1.00	0.17	1.00	2.50	1.00	0.17		1.00	2.50	1.00	0.17		1.00	2.50	1.00	0.17						
Additional change																										
6th St road diet																										
11th St road diet																										
11th/Callow																										
13th and Sylvan corridors																										
211			58			211			58						149			30			154			33		
Overall CMF						0.84			0.39						0.71			0.52			0.73			0.57		
Change from No Build						16%			61%						29%			48%			27%			43%		
Score						1			1						3			3			3			3		

Appendix L

Cost-Benefit Analysis



Joint Compatibility Transportation Plan
Cost-Benefit Analysis

	Person Mobility																			K (Fatal Injury)									
	2050 AM Peak Hour							2050 PM Peak Hour							Annual					Segments			Intersections				Total		
	Free Flow (mins)	Travel Time (mins)	Travel Time (mins)	Change in Travel Time (seconds)	# of Vehicles	# of People	Person Hours of Delay	Change in Person Hours of Delay	Travel Time (mins)	Travel Time (mins)	Change in Travel Time (seconds)	# of Vehicles	# of People	Person Hours of Delay	Change in Person Hours of Delay	Annual Person Hours of Delay	Annual Cost of Person-Delay	Change in Annual Cost of Person-Delay	No Build Annual Crash Rate	Build Annual Crash Rate	Change	No Build Annual Crash Rate	KABC CMF	Build Annual Crash Rate	Change	Annual Crash Rate	Annual Cost of Crashes	Change in Annual Cost of Crashes	
No Build	34.3		70.2			389			88.0			12,960	791		988,500	\$ 17,694,000		1.00			0.00				1.00	\$ 10,900,000			
Support Parking	34.3		60.8	-560		11,270	235	-154			81.3	-400		13,000	678	-113	\$ (2,526,000)	1.00	1.00	0.00	0.00			0.00	1.00	\$ 10,900,000	\$ -		
C1 - RABs at ramp terminals (Kitsap Way)	2.3	0:03:30	3.5	0			0	0:05:25	5.4	-5							\$ (77,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C9 - RABs at Naval, State, Chester, Warren (Burwell St)	2.3	0:03:10	3.2	-30			-9	0:03:05	3.1	-75							\$ (486,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C10 - RAB at Burwell/Callow	2.3	0:03:40	3.7	0			0	0:04:20	4.3	0							\$ -	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	\$ -	\$ -		
C16 - NB HOV lane (SR 304)	1.8	0:03:10	3.2	-10			-6	0:03:00	3.0	0							\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C24 - Road diet (6th St)	2.3	0:03:55	3.9	25			4	0:07:25	7.4	205							\$ 1,477,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - Extend turn lane at 6th (SR 303 Corridor)	6.2	0:08:20	8.3	0			0	0:13:50	13.8	30							\$ 359,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - RAB at 11th (SR 303 Corridor)	6.2	0:08:05	8.1	-15			-5	0:11:45	11.8	-95							\$ (1,136,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C29 - Extend turn lane at 16th (SR 303 Corridor)	6.2	0:08:20	8.3	0			0	0:13:15	13.3	-5							\$ (60,000)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - Install medians and u-turns (SR 303 Corridor)	6.2	0:07:40	7.7	-40			-15	0:15:40	15.7	140							\$ 1,675,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - RAB at NE Riddell Rd (SR 303 Corridor)	6.2	0:08:20	8.3	0			0	0:12:40	12.7	-40							\$ (479,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C29 - NB BAT lane (SR 303 Corridor)	6.2	0:13:30	13.5	0			0	0:15:05	15.1	-225							\$ (727,000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		
C32 - add WB capacity (Burwell St)	2.3	0:03:40	3.7	0			0	0:04:25	4.4	5							\$ 32,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C35 - Adaptive signal timing	17.2	0:24:00	24.0	-110			-39	0:32:05	32.1	-185							\$ (1,895,000)	0.00	0.00	0.00	0.00	5.52	0.00	0.00	0.00	\$ -	\$ -		
C39 - RABs between Shorewood and National (Kitsap Way)	2.3	0:03:35	3.6	5			3	0:06:40	6.7	70							\$ 1,078,000	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
Signal optimization and change in volumes	17.2	0:23:55	23.9	-115			-48	0:20:05	20.1	-145							\$ (1,824,000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		
GP Improvements	17.0	0:39:50	39.8	-270			-34	0:51:35	51.6	-75							\$ (471,000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		
Support Parking - Option 2 (Signals)	34.3		60.8	-560	7,800	11,270	235	-154			83.0	-300	9,370	13,000	704	-87	\$ 1,949,000	1.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	\$ 10,900,000	\$ -		
C1 - RABs at ramp terminals (Kitsap Way)	2.3	0:03:30	3.5	0			0	0:05:25	5.4	-5							\$ (77,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C16 - NB HOV lane (SR 304)	1.8	0:03:10	3.2	-10			-6	0:03:00	3.0	0							\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C24 - Road diet (6th St)	2.3	0:03:55	3.9	25			4	0:07:25	7.4	205							\$ 1,477,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - Extend turn lane at 6th (SR 303 Corridor)	6.2	0:08:20	8.3	0			0	0:13:50	13.8	30							\$ 359,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - RAB at 11th (SR 303 Corridor)	6.2	0:08:05	8.1	-15			-5	0:11:45	11.8	-95							\$ (1,136,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C29 - Extend turn lane at 16th (SR 303 Corridor)	6.2	0:08:20	8.3	0			0	0:13:15	13.3	-5							\$ (60,000)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - Install medians and u-turns (SR 303 Corridor)	6.2	0:07:40	7.7	-40			-15	0:15:40	15.7	140							\$ 1,675,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - RAB at NE Riddell Rd (SR 303 Corridor)	6.2	0:08:20	8.3	0			0	0:12:40	12.7	-40							\$ (479,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C29 - NB BAT lane (SR 303 Corridor)	6.2	0:13:30	13.5	0			0	0:15:05	15.1	-225							\$ (727,000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		
C32 - add WB capacity (Burwell St)	2.3	0:03:40	3.7	0			0	0:04:15	4.3	-5							\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C35 - Adaptive signal timing	17.2	0:23:40	23.7	-130			-45	0:31:45	31.8	-205							\$ (1,830,000)	0.00	0.00	0.00	0.00	5.52	0.00	0.00	0.00	\$ -	\$ -		
C39 - RABs between Shorewood and National (Kitsap Way)	2.3	0:03:35	3.6	5			3	0:06:40	6.7	70							\$ 1,078,000	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
Signal optimization and change in volumes	17.2	0:23:45	23.8	-125			-51	0:20:10	20.2	-140							\$ (1,907,000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		
GP Improvements	17.0	0:39:50	39.8	-270			-34	0:51:35	51.6	-25					49,500	\$ 886,000	\$ (322,000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	
Relocate Parking	34.3		53.7	-990		10,810	237	-152			70.8	-1030		12,720	565	-226	\$ 5,062,000	1.00	1.00	0.00	0.00		0.00	0.00	1.00	\$ 10,900,000	\$ -		
C7 - WB BAT lane (Kitsap Way)	2.3	0:06:20	6.3	0	0		0	0:06:30	6.5	-50	0						\$ (67,000)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C20 - all-way ped phase at State and Park (Burwell St)	2.3	0:03:40	3.7	0	0		0	0:04:15	4.3	0	0						\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C23 - TSP	17.2	0:42:35	42.6	-105	0		-2	0:50:35	50.6	-135	0						\$ (348,000)	0.00	0.00	0.00	0.00	4.75	0.00	0.00	0.00	\$ -	\$ -		
C24 - Road diet (6th St)	2.3	0:03:30	3.5	0	0		0	0:08:00	8.0	240	0						\$ 1,468,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - Extend turn lane at 6th (SR 303 Corridor)	6.2	0:08:20	8.3	0	0		0	0:13:10	13.2	-10	0						\$ (280,000)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - RAB at 11th (SR 303 Corridor)	6.2	0:08:05	8.1	-15	0		-12	0:11:40	11.7	-100	0						\$ (2,795,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C29 - Extend turn lane at 16th (SR 303 Corridor)	6.2	0:08:20	8.3	0	0		0	0:13:20	13.3	0	0						\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - Install medians and u-turns (SR 303 Corridor)	6.2	0:09:15	9.3	55	0		43	0:17:35	17.6	255	0						\$ 7,127,000	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		
C29 - RAB at NE Riddell Rd (SR 303 Corridor)	6.2	0:08:20	8.3	0	0		0	0:12:35	12.6	-45	0						\$ (1,258,000)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -		
C29 - NB BAT lane (SR 303 Corridor)	6.2	0:13:30	13.5	0	0		0	0:16:35	16.6	-135	0						\$ (225,000)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		
C35 - Adaptive signal timing	17.2	0:23:30	23.5	-140	0		-86	0:31:40	31.7	-210	0						\$ (3,590,000)	0.00	0.00	0.00	0.00	5.52	0.00	0.00	0.00	\$ -	\$ -		
Signal optimization and change in volumes	17.2	0:22:50	22.8	-180	0		-88	0:29:35	29.6	-340	0						\$ (5,072,000)	0.00											

Joint Compatibility Transportation Plan
Cost-Benefit Analysis

	Safety																													
	A (Suspected Serious Injury)									B (Suspected Minor Injury)									C (Possible Injury)											
	Segments			Intersections			Total			Segments			Intersections			Total			Segments			Intersections			Total					
	No Build Annual Crash Rate	Build Annual Crash Rate	Change	No Build Annual Crash Rate	KABC CMF	Build Annual Crash Rate	Change	Annual Crash Rate	Annual Cost of Crashes	Change in Annual Cost of Crashes	No Build Annual Crash Rate	Build Annual Crash Rate	Change	No Build Annual Crash Rate	KABC CMF	Build Annual Crash Rate	Change	Annual Crash Rate	Annual Cost of Crashes	Change in Annual Cost of Crashes	No Build Annual Crash Rate	Build Annual Crash Rate	Change	No Build Annual Crash Rate	KABC CMF	Build Annual Crash Rate	Change	Annual Crash Rate	Annual Cost of Crashes	Change in Annual Cost of Crashes
No Build	7.00			3.33				10.33	\$ 5,387,000		43.33			19.33				62.67	\$ 8,899,000		173.00			76.33			249.33	\$ 18,077,000		
Support Parking	7.00	6.83	-0.17	3.33		3.10	-0.23	9.93	\$ 5,178,000	\$ (209,000)	43.33	42.63	-0.70	19.33		16.82	-2.51	59.45	\$ 8,442,000	\$ (457,000)	173.00	170.51	-2.49	76.33		65.17	-11.16	235.68	\$ 17,087,000	\$ (990,000)
C1 - RABs at ramp terminals (Kitsap Way)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	0.34	0.06	-0.11	0.00	\$ -	\$ (16,000)	0.00	0.00	0.00	2.83	0.34	0.96	-1.87	0.00	\$ -	\$ (136,000)
C9 - RABs at Naval, State, Chester, Warren (Burwell St)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.50	0.34	0.17	-0.33	0.00	\$ -	\$ (47,000)	0.00	0.00	0.00	3.00	0.34	1.02	-1.98	0.00	\$ -	\$ (144,000)
C10 - RAB at Burwell/Callow	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.58	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	1.67	0.58	0.97	-0.70	0.00	\$ -	\$ (51,000)
C16 - NB HOV lane (SR 304)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -
C24 - Road diet (6th St)	0.33	0.16	-0.17	0.33	1.00	0.33	0.00	0.00	\$ -	\$ (89,000)	1.33	0.63	-0.70	1.33	1.00	1.33	0.00	0.00	\$ -	\$ (99,000)	4.83	2.34	-2.49	4.17	1.00	4.17	0.00	0.00	\$ -	\$ (181,000)
C29 - Extend turn lane at 6th (SR 303 Corridor)	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.67	1.00	0.67	0.00	0.00	\$ -	\$ -
C29 - RAB at 11th (SR 303 Corridor)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.50	0.34	0.17	-0.33	0.00	\$ -	\$ (47,000)	0.00	0.00	0.00	1.67	0.34	0.57	-1.10	0.00	\$ -	\$ (80,000)
C29 - Extend turn lane at 16th (SR 303 Corridor)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -
C29 - Install medians and u-turns (SR 303 Corridor)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	1.67	1.00	1.67	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	7.17	1.00	7.17	0.00	0.00	\$ -	\$ -
C29 - RAB at NE Riddell Rd (SR 303 Corridor)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	0.34	0.06	-0.11	0.00	\$ -	\$ (8,000)
C29 - NB BAT lane (SR 303 Corridor)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -
C32 - add WB capacity (Burwell St)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.67	1.00	0.67	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -
C35 - Adaptive signal timing	0.00	0.00	0.00	1.50	5.52	1.38	-0.12	0.00	\$ -	\$ (63,000)	0.00	0.00	0.00	6.67	5.52	6.13	-0.53	0.00	\$ -	\$ (76,000)	0.00	0.00	0.00	23.50	5.52	21.62	-1.88	0.00	\$ -	\$ (137,000)
C39 - RABs between Shorewood and National (Kitsap Way)	0.00	0.00	0.00	0.17	0.34	0.06	-0.11	0.00	\$ -	\$ (57,000)	0.00	0.00	0.00	1.83	0.34	0.62	-1.21	0.00	\$ -	\$ (172,000)	0.00	0.00	0.00	5.33	0.34	1.81	-3.52	0.00	\$ -	\$ (255,000)
Signal optimization and change in volumes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -
GP Improvements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -
Support Parking - Option 2 (Signals)	7.00	6.83	-0.17	3.33	0.00	3.10	-0.23	9.93	\$ 5,179,000	\$ (209,000)	43.33	42.63	-0.70	19.33		17.11	-2.22	59.74	\$ 8,485,000	\$ (415,000)	173.00	170.51	-2.49	76.33		67.51	-8.83	238.02	\$ 17,256,000	\$ (820,000)
C1 - RABs at ramp terminals (Kitsap Way)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	0.34	0.06	-0.11	0.00	\$ -	\$ (16,000)	0.00	0.00	0.00	2.83	0.34	0.96	-1.87	0.00	\$ -	\$ (136,000)
C16 - NB HOV lane (SR 304)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -
C24 - Road diet (6th St)	0.33	0.16	-0.17	0.33	1.00	0.33	0.00	0.00	\$ -	\$ (89,000)	1.33	0.63	-0.70	1.33	1.00	1.33	0.00	0.00	\$ -	\$ (99,000)	4.83	2.34	-2.49	4.17	1.00	4.17	0.00	0.00	\$ -	\$ (181,000)
C29 - Extend turn lane at 6th (SR 303 Corridor)	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.67	1.00	0.67	0.00	0.00	\$ -	\$ -
C29 - RAB at 11th (SR 303 Corridor)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.50	0.34	0.17	-0.33	0.00	\$ -	\$ (47,000)	0.00	0.00	0.00	1.67	0.34	0.57	-1.10	0.00	\$ -	\$ (80,000)
C29 - Extend turn lane at 16th (SR 303 Corridor)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -
C29 - Install medians and u-turns (SR 303 Corridor)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	1.67	1.00	1.67	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	7.17	1.00	7.17	0.00	0.00	\$ -	\$ -
C29 - RAB at NE Riddell Rd (SR 303 Corridor)	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	0.34	0.06	-0.11	0.00	\$ -	\$ (8,000)
C29 - NB BAT lane (SR 303 Corridor)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -
C32 - add WB capacity (Burwell St)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -
C35 - Adaptive signal timing	0.00	0.00	0.00	1.50	5.52	1.38	-0.12	0.00	\$ -	\$ (63,000)	0.00	0.00	0.00	7.17	5.52	6.59	-0.57	0.00	\$ -	\$ (81,000)	0.00	0.00	0.00	27.83	5.52	25.61	-2.23	0.00	\$ -	\$ (162,000)
C39 - RABs between Shorewood and National (Kitsap Way)	0.00	0.00	0.00	0.17	0.34	0.06	-0.11	0.00	\$ -	\$ (57,000)	0.00	0.00	0.00	1.83	0.34	0.62	-1.21	0.00	\$ -	\$ (172,000)	0.00	0.00	0.00	5.33	0.34	1.81	-3.52	0.00	\$ -	\$ (255,000)
Signal optimization and change in volumes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -
GP Improvements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -
Relocate Parking	7.00	6.83	-0.17	3.33		3.12	-0.22	9.95	\$ 5,185,000	\$ (202,000)	43.33	42.63	-0.70	19.33		17.81	-1.52	60.45	\$ 8,583,000	\$ (316,000)	173.00	170.51	-2.49	76.33		70.44	-5.89	240.95	\$ 17,469,000	\$ (608,000)
C7 - WB BAT lane (Kitsap Way)	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	2.33	1.00	2.33	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	9.83	1.00	9.83	0.00	0.00	\$ -	\$ -
C20 - all-way ped phase at State and Park (Burwell St)	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.50	1.00	0.50	0.00	0.00	\$ -	\$ -
C23 - TSP	0.00	0.00	0.00	1.67	5.70	1.58	-0.08																							

Joint Compatibility Transportation Plan
Cost-Benefit Analysis

	O (No Apparent Injury)																			UNKNOWN						OVERALL					
	Segments			Intersections					Total			Segments			Intersections			Total			Annual Cost of Person-Delay	Change in Annual Cost of Person-Delay	Annual Cost of Crashes	Change in Annual Cost of Crashes	High Project Cost (\$2021)	Benefit/Cost Ratio					
	No Build Annual Crash Rate	Build Annual Crash Rate	Change	No Build Annual Crash Rate	KABC CMF	Build Annual Crash Rate	Change	Annual Crash Rate	Annual Cost of Crashes	Change in Annual Cost of Crashes	No Build Annual Crash Rate	Build Annual Crash Rate	Change	No Build Annual Crash Rate	KABC CMF	Build Annual Crash Rate	Change	Annual Crash Rate	Annual Cost of Crashes	Change in Annual Cost of Crashes											
No Build	512.33			244.00				756.33	\$ 2,798,000		46.00			18.00				64.00	\$ 9,613,000		\$ 17,694,000		\$ 55,674,000								
Support Parking	512.33	504.73	-7.60	244.00		227.17	-16.83	731.91	\$ 2,708,000	\$ (90,000)	46.00	46.00	0.00	18.00		16.66	-1.34	62.66	\$ 9,411,000	\$ (202,000)		\$ (2,533,000)		\$ (1,946,000)	\$ 170,780,000	0.03					
C1 - RABs at ramp terminals (Kitsap Way)	0.00	0.00	0.00	5.50	1.00	5.50	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		\$ (77,000)		\$ (152,000)	\$ 9,270,000	0.02					
C9 - RABs at Naval, State, Chester, Warren (Burwell St)	0.00	0.00	0.00	14.50	1.00	14.50	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.50	1.00	0.50	0.00	0.00	\$ -	\$ -		\$ (486,000)		\$ (191,000)	\$ 48,300,000	0.01					
C10 - RAB at Burwell/Callow	0.00	0.00	0.00	9.17	0.58	5.32	-3.85	0.00	\$ -	\$ (14,000)	0.00	0.00	0.00	0.50	0.58	0.29	-0.21	0.00	\$ -	\$ (32,000)		\$ -		\$ (97,000)	\$ 13,950,000	0.01					
C16 - NB HOV lane (SR 304)	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -		\$ -		\$ -	\$ 7,160,000	0.00					
C24 - Road diet (6th St)	14.50	6.90	-7.60	11.17	1.00	11.17	0.00	0.00	\$ -	\$ (28,000)	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -		\$ 1,477,000		\$ (397,000)	\$ 600,000	-1.80					
C29 - Extend turn lane at 6th (SR 303 Corridor)	0.00	0.00	0.00	6.83	1.00	6.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.67	1.00	0.67	0.00	0.00	\$ -	\$ -		\$ 359,000		\$ -	\$ 150,000	-2.39					
C29 - RAB at 11th (SR 303 Corridor)	0.00	0.00	0.00	6.33	1.00	6.33	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.50	1.00	0.50	0.00	0.00	\$ -	\$ -		\$ (1,136,000)		\$ (127,000)	\$ 13,440,000	0.09					
C29 - Extend turn lane at 16th (SR 303 Corridor)	0.00	0.00	0.00	2.83	1.00	2.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -		\$ (60,000)		\$ -	\$ 470,000	0.13					
C29 - Install medians and u-turns (SR 303 Corridor)	0.00	0.00	0.00	18.83	1.00	18.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	2.17	1.00	2.17	0.00	0.00	\$ -	\$ -		\$ 1,675,000		\$ -	\$ 6,260,000	-0.27					
C29 - RAB at NE Riddell Rd (SR 303 Corridor)	0.00	0.00	0.00	0.67	1.00	0.67	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -		\$ (479,000)		\$ (8,000)	\$ 8,570,000	0.06					
C29 - NB BAT lane (SR 303 Corridor)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		\$ (727,000)		\$ -	\$ 41,840,000	0.02					
C32 - add WB capacity (Burwell St)	0.00	0.00	0.00	6.17	1.00	6.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		\$ 32,000		\$ -	\$ 1,410,000	-0.02					
C35 - Adaptive signal timing	0.00	0.00	0.00	76.33	4.98	63.36	-12.98	0.00	\$ -	\$ (48,000)	0.00	0.00	0.00	6.67	4.98	5.53	-1.13	0.00	\$ -	\$ (169,000)		\$ (1,895,000)		\$ (493,000)	\$ 1,530,000	8.70					
C39 - RABs between Shorewood and National (Kitsap Way)	0.00	0.00	0.00	15.83	1.00	15.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -		\$ 1,078,000		\$ (484,000)	\$ 17,730,000	-0.03					
Signal optimization and change in volumes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		\$ (1,824,000)		\$ -	\$ 100,000	0.00					
GP Improvements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		\$ (471,000)		\$ -	\$ -	0.00					
Support Parking - Option 2 (Signals)	512.33	504.73	-7.60	244.00		227.71	-16.29	732.44	\$ 2,711,000	\$ (87,000)	46.00	46.00	0.00	18.00		16.70	-1.30	62.70	\$ 9,418,000	\$ (196,000)		\$ (1,949,000)		\$ (1,727,000)	\$ 108,785,000	0.03					
C1 - RABs at ramp terminals (Kitsap Way)	0.00	0.00	0.00	5.50	1.00	5.50	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		\$ (77,000)		\$ (152,000)	\$ 9,270,000	0.02					
C16 - NB HOV lane (SR 304)	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -		\$ -		\$ -	\$ 7,160,000	0.00					
C24 - Road diet (6th St)	14.50	6.90	-7.60	11.17	1.00	11.17	0.00	0.00	\$ -	\$ (28,000)	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -		\$ 1,477,000		\$ (397,000)	\$ 600,000	-1.80					
C29 - Extend turn lane at 6th (SR 303 Corridor)	0.00	0.00	0.00	6.83	1.00	6.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.67	1.00	0.67	0.00	0.00	\$ -	\$ -		\$ 359,000		\$ -	\$ 150,000	-2.39					
C29 - RAB at 11th (SR 303 Corridor)	0.00	0.00	0.00	6.33	1.00	6.33	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.50	1.00	0.50	0.00	0.00	\$ -	\$ -		\$ (1,136,000)		\$ (127,000)	\$ 13,440,000	0.09					
C29 - Extend turn lane at 16th (SR 303 Corridor)	0.00	0.00	0.00	2.83	1.00	2.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -		\$ (60,000)		\$ -	\$ 470,000	0.13					
C29 - Install medians and u-turns (SR 303 Corridor)	0.00	0.00	0.00	18.83	1.00	18.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	2.17	1.00	2.17	0.00	0.00	\$ -	\$ -		\$ 1,675,000		\$ -	\$ 6,260,000	-0.27					
C29 - RAB at NE Riddell Rd (SR 303 Corridor)	0.00	0.00	0.00	0.67	1.00	0.67	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.17	1.00	0.17	0.00	0.00	\$ -	\$ -		\$ (479,000)		\$ (8,000)	\$ 8,570,000	0.06					
C29 - NB BAT lane (SR 303 Corridor)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		\$ (727,000)		\$ -	\$ 41,840,000	0.02					
C32 - add WB capacity (Burwell St)	0.00	0.00	0.00	6.17	1.00	6.17	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		\$ -		\$ -	\$ 1,410,000	0.00					
C35 - Adaptive signal timing	0.00	0.00	0.00	95.83	4.98	79.54	-16.29	0.00	\$ -	\$ (60,000)	0.00	0.00	0.00	7.67	4.98	6.36	-1.30	0.00	\$ -	\$ (195,000)		\$ (1,830,000)		\$ (561,000)	\$ 1,785,000	7.98					
C39 - RABs between Shorewood and National (Kitsap Way)	0.00	0.00	0.00	15.83	1.00	15.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -		\$ 1,078,000		\$ (484,000)	\$ 17,730,000	-0.03					
Signal optimization and change in volumes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		\$ (1,907,000)		\$ -	\$ 100,000	0.00					
GP Improvements	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	\$ -	\$ -		\$ (322,000)		\$ -	\$ -	0.00					
Relocate Parking	512.33	504.73	-7.60	244.00		219.62	-24.38	724.35	\$ 2,680,000	\$ (118,000)	46.00	46.00	0.00	18.00		16.17	-1.83	62.17	\$ 9,337,000	\$ (276,000)		\$ (5,065,000)		\$ (1,517,000)	\$ 453,854,000	0.01					
C7 - WB BAT lane (Kitsap Way)	0.00	0.00	0.00	25.67	1.00	25.67	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -		\$ (67,000)		\$ -	\$ 13,540,000	0.00					
C20 - all-way ped phase at State and Park (Burwell St)	0.00	0.00	0.00	2.00	1.00	2.00	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	\$ -	\$ -		\$ -		\$ -	\$ 4,000	0.00					
C23 - TSP	0.00	0.00	0.00	110.83	5.70	105.29	-5.54	0.00	\$ -	\$ (20,000)	0.00	0.00	0.00	8.33	5.70	7.92	-0.42	0.00	\$ -	\$ (62,000)		\$ (348,000)		\$ (321,000)	\$ 1,200,000	3.08					
C24 - Road diet (6th St)	14.50	6.90	-7.60	11.17	1.00	11.17	0.00	0.00	\$ -	\$ (28,000)	0.00	0.00	0.00	0.83	1.00	0.83	0.00	0.00	\$ -	\$ -		\$ 1,468,000		\$ (397,000)	\$ 600,000	-1.79					
C29 - Extend turn lane at 6th (SR 303 Corridor)	0.00	0.00	0.00	6.83	1.00	6.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.67	1.00	0.67	0.00	0.00	\$ -	\$ -		\$ (280,000)		\$ -	\$ 150,000	1.87					
C29 - RAB at 11th (SR 303 Corridor)	0.00	0.00	0.00	6.33	1.00	6.33	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.50	1.00	0.50	0.00	0.00	\$ -	\$ -		\$ (2,795,000)		\$ (127,000)	\$ 13,440,000	0.22					
C29 - Extend turn lane at 16th (SR 303 Corridor)	0.00	0.00	0.00	2.83	1.00	2.83	0.00	0.00	\$ -	\$ -	0.00	0.00	0.00	0.33	1.00	0.33	0.00	0.00	\$ -	\$ -		\$ -		\$ -	\$ 470,000	0.00					
C29 - Install medians and u-turns (SR 303 Corridor)	0.00	0.00	0.00																												





Appendix M






















Preferred Alternative Analysis Results



Joint Compatibility Transportation Plan

Preferred Alternative Screening

				
Performance compared to 2050	Worse	Same	Improves	Significantly improves

		Preferred Alternative		
Study Goal Area	Performance Measures	Performance Compared to 2050 No Build	Key Findings	
Travel Times and Reliability: <i>Improve travel times to/from downtown Bremerton and make travel times to/from downtown Bremerton more predictable.</i>	Travel Time		<ul style="list-style-type: none"> * TSP included in No Build and all Build Alternatives * This alternative assumes 1,000 vehicles will be removed from traffic inbound to downtown during the AM peak hour and from traffic outbound of downtown during the PM peak hour. Assume they instead park outside downtown and take transit in. * Roundabout at Naval Ave/6th Street helps offset some of the increased delays resulting from road diet along 6th Street * General purpose and transit travel times improve due to reduced volumes. * Transit travel times are improved by express bus service. * Impacts to travel time reliability are similar to those associated with travel time. 	
	Travel Time Reliability			
	Average Score			
Mobility: <i>Increase the transportation system's ability to efficiently move all people and goods.</i>	Person hours of delay - general purpose		<ul style="list-style-type: none"> * General purpose mobility improves during the AM and PM peak hour due to reduced general purpose vehicle volumes. * Modest improvements to mobility due to increased ridership. This is because the reduction of network vehicles results in a demand for transit, thus increasing the number of transit users in the analysis. This assumes bus service and bus stop locations remain the same as existing. 	
	Person hours of delay - Transit			
	Average Score			
Safety: <i>Improve safety and reduce serious injury and fatal crashes.</i>	Number of overall crashes		<ul style="list-style-type: none"> * Road diet projects at 6th Street and Naval Ave provide the largest reduction in overall crashes, and in serious injury and fatal crashes. * Roundabouts and adaptive signal timing provide additional crash reductions. 	
	Number of serious injury and fatal crashes			
	Average Score			
Active Transportation: <i>Improve accessibility, connectivity and increase safe ped/bike options to decrease percent of trips made by driving alone.</i>	Number of people who can walk/bike to NBK-BR or P&Rs under low stress conditions		<ul style="list-style-type: none"> * Mobility hubs at 2 locations will increase high quality travel choices * Improvements to sidewalks within 10-minute walkshed will increase low-street options for accessing NBK-BR by foot * Added bike lanes will increase low-stress options for accessing NBK-BR by bike 	
	Number of high-quality travel choices in the study area			
	Safe and Comfortable Walking and Biking Options			
	Average Score			
Parking: <i>Parking system supports a vibrant, attractive and user-friendly Downtown with thriving neighborhood districts and attractive residential neighborhoods.</i>	Parking utilization		<ul style="list-style-type: none"> * Assumes residential only parking permits and paid parking downtown. * Assumes a substantial decrease in surface parking, as existing parking is replaced outside downtown, and a portion of current downtown parking is replaced by redeveloping City-owned surface lots to more active land-uses. It also doesn't account for differences in the user experience of being able to park near or on NBK versus park and ride/transit access. * Assumes a "Commuter Engagement and Incentive Platform" where major employers in the study area would participate in use of a commuter engagement and incentive platform to enhance mobility options and incentives for commuters. 	
	Parking violations			
	City parking revenue			
	City parking enforcement			
	Accessibility to parking for Base workers			
	Tracking the "Bremerton Shuffle"			
	Surface parking/land use impacts			
	Average Score			

Joint Compatibility Transportation Plan
Preferred Alternative Screening

Arterial (Direction)	From	To	Distance (miles)	No Build		Preferred Alternative		
				TT	Speed (mph)	Corridor TT	Speed (mph)	Notes
AM GP								
Corridor Travel Time								
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	1.40	0:07:10	12	0:03:40	23	Reduced travel time due to reduction of eastbound volume and signal timing optimization.
11th Ave (Eastbound)	Kitsap Way	SR 303	1.11	0:04:20	15	0:02:50	24	Reduced travel time due to reduction of eastbound volume, signal timing optimization, and RAB at Warren Ave (SR 303)/11th Street.
6th St (Eastbound)	N Callow Ave	SR 303	0.95	0:03:40	15	0:03:10	18	Reduced travel time due to reduction of eastbound volume and signal timing optimization. RAB at Naval Ave/6th St offsets road diet along 6th St
Burwell St (Eastbound)	N Callow Ave	SR 303	0.95	0:03:50	15	0:03:00	19	Reduced travel time due to reduction of eastbound volume and signal timing optimization.
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2.91	0:10:00	17	0:07:50	22	Reduced travel time due to SR 303 Corridor Study projects.
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	0.89	0:03:40	15	0:02:50	19	Reduced travel time due to optimized timing and reduction of northbound volume.
GP Total				0:32:40		0:23:20		
Change from No Build				0%		29%		
Score				1		3		
AM Transit								
Corridor Travel Time								
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	1.40	0:09:30	9	0:05:30	15	Reduced travel time due to reduction of eastbound volume and signal timing optimization.
11th Ave (Eastbound)	Kitsap Way	SR 303	1.11	0:05:40	12	0:04:10	16	Reduced travel time due to reduction of eastbound volume, signal timing optimization, and RAB at Warren Ave (SR 303)/11th Street.
6th St (Eastbound)	N Callow Ave	SR 303	0.95	0:07:50	7	0:05:10	11	Reduced travel time due to reduction of eastbound volume and signal timing optimization. RAB at Naval Ave/6th St offsets road diet along 6th St
Burwell St (Eastbound)	N Callow Ave	SR 303	0.95	0:07:10	8	0:05:20	11	Reduced travel time due to reduction of eastbound volume and signal timing optimization.
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2.91	0:14:50	12	0:10:20	17	Reduced travel time due to SR 303 Corridor Study projects.
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	0.89	0:05:00	11	0:04:10	13	Reduced travel time due to optimized timing and reduction of northbound volume.
Transit Total				0:50:00		0:34:40		
Change from No Build				0%		31%		
Score				1		3		
PM GP								
Corridor Travel Time								
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	1.40	0:06:10	14	0:04:00	21	Reduced travel time due to reduced westbound volume and signal timing optimization.
11th Ave (Westbound)	SR 303	Kitsap Way	1.11	0:05:10	13	0:04:10	16	Reduced travel time due to reduced westbound volume and signal timing optimization.
6th St (Westbound)	SR 303	N Callow Ave	0.95	0:03:20	17	0:04:20	13	Increased travel time due to 6th Street road diet. RAB at Naval Ave/6th St helps offset road diet along 6th St
Burwell St (Westbound)	SR 303	N Callow Ave	0.95	0:04:10	14	0:03:50	15	Reduced travel time due to reduced westbound volume and signal timing optimization.
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2.91	0:12:20	14	0:09:40	18	Reduced travel time due to SR 303 Corridor Study projects.
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	0.89	0:03:10	17	0:02:40	20	Reduced travel time due to reduced southbound volume and signal timing optimization.
GP Total				0:34:20		0:28:40		
Change from No Build				0%		17%		
Score				1		2		
PM Transit								
Corridor Travel Time								
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	1.40	0:07:40	11	0:05:30	15	Reduced travel time due to reduced westbound volume and signal timing optimization.
11th Ave (Westbound)	SR 303	Kitsap Way	1.11	0:06:30	10	0:05:20	12	Reduced travel time due to reduced westbound volume and signal timing optimization.
6th St (Westbound)	SR 303	N Callow Ave	0.95	0:08:10	7	0:06:50	8	Reduced travel time due to reduced westbound volume and signal timing optimization. RAB at Naval Ave/6th St helps offset road diet along 6th St
Burwell St (Westbound)	SR 303	N Callow Ave	0.95	0:07:00	8	0:05:50	10	Reduced travel time due to reduced westbound volume and signal timing optimization.
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2.91	0:17:20	10	0:10:10	17	Reduced travel time due to SR 303 Corridor Study projects, including the northbound BAT lane.
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	0.89	0:03:30	15	0:03:10	17	Reduced travel time due to reduced southbound volume and signal timing optimization.
Transit Total				0:50:10		0:36:50		
Change from No Build				0%		27%		
Score				1		3		

Joint Compatibility Transportation Plan
Preferred Alternative Screening

					No Build							
Arterial (Direction)	From	To	Number of lanes (directional)	Free Flow Speed (FFS)	Actual Speed	Arterial LOS	V/C	V/C rounded	Travel Rate = (1/Actual speed)	Recurring Delay = (t-(1/FFS))	Incident Delay (D _i) = (IDAP lookup)	TTI _m
AM GP												
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	2	35	12	C	0.71	0.70	0.085	0.057	1.12E-03	3.03
11th Ave (Eastbound)	Kitsap Way	SR 303	2	30	15	C	0.71	0.70	0.065	0.032	1.12E-03	1.97
6th St (Eastbound)	N Callow Ave	SR 303	2	25	15	C	0.71	0.70	0.065	0.024	1.12E-03	1.63
Burwell St (Eastbound)	N Callow Ave	SR 303	2	25	15	D	0.81	0.80	0.067	0.027	2.09E-03	1.73
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2	28	17	D	0.81	0.80	0.057	0.022	2.09E-03	1.69
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	3	30	15	D	0.81	0.80	0.069	0.036	1.64E-03	2.12
Average												2.03
Change from No Build												0%
Change Type												NO CHANGE
Score												1
AM Transit												
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	2	35	9	C	0.71	0.70	0.113	0.085	1.12E-03	4.00
11th Ave (Eastbound)	Kitsap Way	SR 303	2	30	12	C	0.71	0.70	0.085	0.052	1.12E-03	2.57
6th St (Eastbound)	N Callow Ave	SR 303	2	25	7	C	0.71	0.70	0.138	0.098	1.12E-03	3.46
Burwell St (Eastbound)	N Callow Ave	SR 303	2	25	8	D	0.81	0.80	0.125	0.085	2.09E-03	3.19
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2	28	12	D	0.81	0.80	0.085	0.050	2.09E-03	2.47
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	3	30	11	D	0.81	0.80	0.094	0.061	1.64E-03	2.88
Average												3.09
Change from No Build												0%
Change Type												NO CHANGE
Score												1
PM GP												
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	2	35	14	E	0.91	0.90	0.073	0.045	5.10E-03	2.75
11th Ave (Westbound)	SR 303	Kitsap Way	2	30	13	E	0.91	0.90	0.078	0.044	5.10E-03	2.47
6th St (Westbound)	SR 303	N Callow Ave	2	25	17	D	0.81	0.80	0.059	0.018	2.09E-03	1.51
Burwell St (Westbound)	SR 303	N Callow Ave	2	25	14	D	0.81	0.80	0.073	0.033	2.09E-03	1.88
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2	28	14	F	1.00	1.00	0.071	0.035	1.99E-02	2.57
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	2	30	17	C	0.71	0.70	0.059	0.026	1.12E-03	1.83
Average												2.17
Change from No Build												0%
Change Type												NO CHANGE
Score												1
PM Transit												
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	2	35	11	E	0.91	0.90	0.091	0.063	5.10E-03	3.37
11th Ave (Westbound)	SR 303	Kitsap Way	2	30	10	E	0.91	0.90	0.098	0.064	5.10E-03	3.06
6th St (Westbound)	SR 303	N Callow Ave	2	25	7	D	0.81	0.80	0.144	0.104	2.09E-03	3.63
Burwell St (Westbound)	SR 303	N Callow Ave	2	25	8	D	0.81	0.80	0.122	0.082	2.09E-03	3.12
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2	28	10	F	1.00	1.00	0.099	0.064	1.99E-02	3.38
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	2	30	15	C	0.71	0.70	0.066	0.032	1.12E-03	2.01
Average												3.10
Change from No Build												0%
Change Type												NO CHANGE
Score												1

Joint Compatibility Transportation Plan
Preferred Alternative Screening

					Preferred Alternative								
Arterial (Direction)	From	To	Number of lanes (directional)	Free Flow Speed (FFS)	Number of lanes (directional)	Actual Speed	Arterial LOS	V/C	V/C rounded	Travel Rate = (1/ Actual speed)	Recurring Delay = (t-1/FFS)	Incident Delay (D _i) = (IDAP lookup)	TTI _m
AM GP													
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	2	35	2	23	D	0.81	0.80	0.044	0.015	2.09E-03	1.60
11th Ave (Eastbound)	Kitsap Way	SR 303	2	30	2	24	B	0.61	0.60	0.043	0.009	6.00E-04	1.29
6th St (Eastbound)	N Callow Ave	SR 303	2	25	2	18	D	0.81	0.80	0.056	0.016	2.09E-03	1.44
Burwell St (Eastbound)	N Callow Ave	SR 303	2	25	2	19	D	0.81	0.80	0.052	0.013	2.09E-03	1.37
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2	28	2	22	D	0.81	0.80	0.045	0.010	2.09E-03	1.33
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	3	30	3	19	D	0.81	0.80	0.053	0.020	1.36E-03	1.64
Average													1.45
Change from No Build													29%
Change Type													IMPROVE TTR
Score													3
AM Transit													
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	2	35	2	15	C	0.71	0.70	0.065	0.037	1.12E-03	2.33
11th Ave (Eastbound)	Kitsap Way	SR 303	2	30	2	16	B	0.61	0.60	0.063	0.029	6.00E-04	1.88
6th St (Eastbound)	N Callow Ave	SR 303	2	25	2	11	D	0.81	0.80	0.091	0.051	2.09E-03	2.31
Burwell St (Eastbound)	N Callow Ave	SR 303	2	25	2	11	C	0.71	0.70	0.093	0.053	1.12E-03	2.36
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2	28	2	17	D	0.81	0.80	0.059	0.024	2.09E-03	1.74
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	3	30	3	13	C	0.71	0.70	0.078	0.045	5.28E-04	2.37
Average													2.17
Change from No Build													30%
Change Type													IMPROVE TTR
Score													3
PM GP													
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	2	35	2	21	D	0.81	0.80	0.048	0.019	2.09E-03	1.74
11th Ave (Westbound)	SR 303	Kitsap Way	2	30	2	16	D	0.81	0.80	0.063	0.029	2.09E-03	1.93
6th St (Westbound)	SR 303	N Callow Ave	2	25	2	13	E	0.91	0.90	0.076	0.036	5.10E-03	2.02
Burwell St (Westbound)	SR 303	N Callow Ave	2	25	2	15	D	0.81	0.80	0.067	0.027	2.09E-03	1.73
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2	28	3	18	E	0.91	0.90	0.055	0.020	4.01E-03	1.69
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	2	30	2	20	C	0.71	0.70	0.050	0.017	1.12E-03	1.54
Average													1.78
Change from No Build													18%
Change Type													IMPROVE GP
Score													2
PM Transit													
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	2	35	2	15	D	0.81	0.80	0.065	0.037	2.09E-03	2.36
11th Ave (Westbound)	SR 303	Kitsap Way	2	30	2	12	D	0.81	0.80	0.080	0.047	2.09E-03	2.45
6th St (Westbound)	SR 303	N Callow Ave	2	25	2	8	F	1.00	1.00	0.120	0.080	1.99E-02	3.49
Burwell St (Westbound)	SR 303	N Callow Ave	2	25	2	10	E	0.91	0.90	0.102	0.062	5.10E-03	2.68
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2	28	3	17	E	0.91	0.90	0.058	0.023	4.01E-03	1.77
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	2	30	2	17	C	0.71	0.70	0.059	0.026	1.12E-03	1.83
Average													2.43
Change from No Build													22%
Change Type													IMPROVE TTR
Score													3

Joint Compatibility Transportation Plan
Preferred Alternative Screening

					No Build				Preferred Alternative				
					GP AVO	85%	1.12			85%	1.12		
					HOV AVO	15%	2.2			15%	2.2		
Arterial (Direction)	From	To	Distance (miles)	Free Flow TT	Corridor TT	# of Vehicles	# or Persons	Person Hours of Delay	Corridor TT	# of Vehicles	# or Persons	Person Hours of Delay (per mile)	Notes
AM GP													
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	1.40	0:02:20	0:07:10	1,770	1,982	160	0:03:40	1,510	1,691	38	<i>Mobility improves due to reduced volumes and signal timing optimization.</i>
11th Ave (Eastbound)	Kitsap Way	SR 303	1.11	0:02:10	0:04:20	830	930	34	0:02:50	850	952	11	
6th St (Eastbound)	N Callow Ave	SR 303	0.95	0:02:20	0:03:40	1,130	1,266	28	0:03:10	820	918	13	
Burwell St (Eastbound)	N Callow Ave	SR 303	0.95	0:02:20	0:03:50	1,130	1,266	32	0:03:00	820	918	10	
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2.91	0:06:10	0:10:00	1,170	1,310	84	0:07:50	930	1,042	29	
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	0.89	0:01:50	0:03:40	1,740	2,230	68	0:02:50	1,300	1,456	24	
Total								405				124	
Change from No Build								0%				69%	
Score								1				3	
AM Transit													
Kitsap Way (Eastbound)	SR 3 NB Ramps	11th Ave	1.40	0:02:20	0:09:30		360	43	0:05:30		610	32	<i>Transit mobility improves due to express transit service.</i>
11th Ave (Eastbound)	Kitsap Way	SR 303	1.11	0:02:10	0:05:40		260	15	0:04:10		460	15	
6th St (Eastbound)	N Callow Ave	SR 303	0.95	0:02:20	0:07:50		125	11	0:05:10		175	8	
Burwell St (Eastbound)	N Callow Ave	SR 303	0.95	0:02:20	0:07:10		475	38	0:05:20		910	46	
SR 303 (Southbound)	NE Riddell Rd	Burwell St	2.91	0:06:10	0:14:50		520	75	0:10:20		735	51	
SR 304 (Northbound)	Charleston Beach Rd W	Burwell St	0.89	0:01:50	0:05:00		520	27	0:04:10		930	36	
Total								210				189	
Change from No Build								0%				10%	
Score								1				2	
PM GP													
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	1.40	0:02:20	0:06:10	2,210	2,475	158	0:04:00	1,960	2,195	61	<i>Mobility improves due to reduced volumes and signal timing optimization. RAB at Naval Ave/6th St helps offset road diet along 6th St.</i>
11th Ave (Westbound)	SR 303	Kitsap Way	1.11	0:02:10	0:05:10	1,330	1,490	74	0:04:10	1,350	1,512	50	
6th St (Westbound)	SR 303	N Callow Ave	0.95	0:02:20	0:03:20	1,390	1,557	26	0:04:20	1,060	1,187	40	
Burwell St (Westbound)	SR 303	N Callow Ave	0.95	0:02:20	0:04:10	1,120	1,254	38	0:03:50	810	907	23	
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2.91	0:06:10	0:12:20	1,760	1,971	203	0:09:40	1,530	1,714	100	
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	0.89	0:01:50	0:03:10	1,520	1,950	43	0:02:40	1,050	1,176	16	
Total								543				290	
Change from No Build								0%				47%	
Score								1				3	
PM Transit													
Kitsap Way (Westbound)	11th Ave	SR 3 NB Ramps	1.40	0:02:20	0:07:40		360	32	0:05:30		610	32	<i>Reduction in transit travel times due to express bus service are offset by huge increase of 1,500 in transit ridership.</i>
11th Ave (Westbound)	SR 303	Kitsap Way	1.11	0:02:10	0:06:30		260	19	0:05:20		460	24	
6th St (Westbound)	SR 303	N Callow Ave	0.95	0:02:20	0:08:10		125	12	0:06:50		175	13	
Burwell St (Westbound)	SR 303	N Callow Ave	0.95	0:02:20	0:07:00		475	37	0:05:50		910	53	
SR 303 (Northbound)	Burwell St	NE Riddell Rd	2.91	0:06:10	0:17:20		520	97	0:10:10		735	49	
SR 304 (Southbound)	Burwell St	Charleston Beach Rd W	0.89	0:01:50	0:03:30		520	14	0:03:10		930	21	
Total								211				192	
Change from No Build								0%				9%	
Score								1				1	

Joint Compatibility Transportation Plan
Preferred Alternative Screening

Alternative Improvements	No Build				Preferred Alternative				Notes		
	Total Crash CMF	KABC Crash CMF	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Total Crash CMF	Intersections Impacted			
C1	1.00	0.34					1.00	2, 3	0.34	2, 3	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
C2	1.00	0.34					1.00	104, 105	0.34	104, 105	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
C6	1.00	0.71									
C7											
C8	0.96	1.00									
C9	1.00	0.34									
C10	0.58	0.58									
C16											
C20							-		-		Add all-way pedestrian phase (Virginia DOT - ped crashes only)
C21											
C23	0.87	0.95									
C24							-		-		Added below
6th St road diet							-	12, 13, 14, 16, 17	-	12, 13, 14, 16, 17	10.9 fewer annual crashes (Bremerton Strategic Road Safety Plan)
11th St road diet											
C26							-		-		
C27											
C29											
11th RAB	1.00	0.34					1.00	22	0.34	22	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
Ridell RAB	1.00	0.34					1.00	28	0.34	28	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
Median treatments		0.70					-		0.70	25, 26, 27, 28, 29	Add median intersection treatment (ODOT H1)
Furneys porkchop		0.65					-		0.65	29	Add channelized right turn with median (ODOT H6)
C31											
C32							-		-		
C35	0.83	0.92					0.83	4, 5, 6, 7, 8, 10, 11, 12, 13, 16, 17, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 36, 37, 38, 44, 45	0.92	4, 5, 6, 7, 8, 10, 11, 12, 13, 16, 17, 21, 23, 24, 25, 26, 27, 29, 30, 31, 32, 35, 36, 37, 38, 44, 45	Adaptive signal timing
C38 - added below											
Burwell St adaptive signals							-		-		See adaptive signal timing improvement above (C35)
6th St road diet											
11th/Callow								11		11	1.72 fewer annual crashes (Bremerton Strategic Road Safety Plan)
13th and Sylvan corridors											
C39	1.00	0.34									
C40											
C41							1.00	14	0.34	14	Road diet on Naval Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)

Joint Compatibility Transportation Plan
Preferred Alternative Screening

			No Build				Preferred Alternative				
Total Crash CMF		KABC Crash CMF	Total Crash CMF	Intersections In	KABC Crash CMF	Intersections In	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes
Intersections											
	2014-2019 Crash Rate	2014-2019 KABC Crash Rate	Total Crash CMF	Total Crash Rate	KABC Crash CMF	KABC Crash Rate	Total Crash CMF	Total Crash Rate	KABC Crash CMF	KABC Crash Rate	Notes
2	7	1	1.00	6.50	1.00	1.17	1.00	6.50	0.34	0.40	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
3	9	3	1.00	8.50	1.00	3.00	1.00	8.50	0.34	1.02	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
4	6	2	1.00	5.67	1.00	1.67	0.83	4.70	0.92	1.53	Adaptive signal timing
5	5	2	1.00	4.83	1.00	1.50	0.83	4.01	0.92	1.38	Adaptive signal timing
6	6	2	1.00	6.17	1.00	2.00	0.83	5.12	0.92	1.84	Adaptive signal timing
7	7	2	1.00	7.33	1.00	2.17	0.83	6.09	0.92	1.99	, Adaptive signal timing
8	6	2	1.00	6.33	1.00	2.00	0.83	5.26	0.92	1.84	Adaptive signal timing
10	8	2	1.00	8.33	1.00	1.83	0.83	6.92	0.92	1.69	Adaptive signal timing
12	5	2	1.00	5.33	1.00	1.83	0.83	4.43	0.92	1.69	Adaptive signal timing
13	3	1	1.00	3.00	1.00	1.00	0.83	2.49	0.92	0.92	Adaptive signal timing
14	8	3	1.00	7.50	1.00	2.50	1.00	7.50	0.34	0.85	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
16	2	1	1.00	2.00	1.00	0.50	0.83	1.66	0.92	0.46	Adaptive signal timing
17	9	1	1.00	8.50	1.00	1.00	0.83	7.06	0.92	0.92	Adaptive signal timing
21	4	1	1.00	4.33	1.00	0.67	0.83	3.60	0.92	0.61	Adaptive signal timing
22	9	2	1.00	9.00	1.00	2.17	1.00	9.00	0.34	0.74	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
23	7	3	1.00	7.17	1.00	2.50	0.83	5.95	0.92	2.30	Adaptive signal timing
24	4	1	1.00	4.33	1.00	1.17	0.83	3.60	0.92	1.07	Adaptive signal timing
25	14	4	1.00	13.50	1.00	3.67	0.83	11.21	0.64	2.36	Adaptive signal timing
26	13	5	1.00	13.17	1.00	4.50	0.83	10.93	0.64	2.90	Adaptive signal timing
27	4	1	1.00	3.83	1.00	1.33	0.83	3.18	0.64	0.86	Adaptive signal timing
28	1	0	1.00	1.00	1.00	0.17	1.00	1.00	0.24	0.04	Signal to multi-lane RAB, AADT greater than 18,000 (WSDOT)
30	12	4	1.00	11.83	1.00	3.67	0.83	9.82	0.92	3.37	Adaptive signal timing
31	4	2	1.00	4.33	1.00	1.67	0.83	3.60	0.92	1.53	Adaptive signal timing
32	2	1	1.00	2.00	1.00	0.83	0.83	1.66	0.92	0.77	Adaptive signal timing
34	1	0	1.00	0.83	1.00	0.33	1.00	0.83	1.00	0.33	
35	11	2	1.00	11.33	1.00	1.67	0.83	-	0.92	1.53	Adaptive signal timing
36	6	1	1.00	6.17	1.00	1.33	0.83	5.12	0.92	1.23	Adaptive signal timing
37	7	2	1.00	7.00	1.00	1.83	0.83	5.81	0.92	1.69	Adaptive signal timing
38	3	1	1.00	2.67	1.00	0.67	0.83	2.21	0.92	0.61	Adaptive signal timing
44	1	0	1.00	0.67	1.00	0.33	0.83	0.55	0.92	0.31	Adaptive signal timing
45	0	0	1.00	0.17	1.00	0.00	0.83	0.14	0.92	0.00	Adaptive signal timing
47	4	1	1.00	3.67	1.00	0.67	1.00	3.67	1.00	0.67	
104	5	1	1.00	4.83	1.00	1.17	0.83	4.01	0.92	1.07	Adaptive signal timing
105	10	4	1.00	10.33	1.00	4.17	0.83	8.58	0.92	3.83	Adaptive signal timing

Joint Compatibility Transportation Plan
Preferred Alternative Screening

			No Build				Preferred Alternative				
	Total Crash CMF	KABC Crash CMF	Total Crash CMF	Intersections In	KABC Crash CMF	Intersections In	Total Crash CMF	Intersections Impacted	KABC Crash CMF	Intersections Impacted	Notes
135	5	0	1.00	4.50	1.00	0.33	1.00	4.50	1.00	0.33	
400	2	1	1.00	1.50	1.00	0.67	1.00	1.50	1.00	0.67	
401	3	0	1.00	2.50	1.00	0.17	1.00	2.50	1.00	0.17	
Additional change											
6th St road diet								-10.9		-10.9	(Bremerton Strategic Road Safety Plan)
11th St road diet											
11th/Callow								-1.72		-1.72	(Bremerton Strategic Road Safety Plan)
13th and Sylvan corridors											
Naval Ave road diet								-5		-5	(approximate based on Bremerton Strategic Road Safety Plan)
	211	58		211		58		156		28	
		Overall CMF						0.74		0.48	
		Change from No Build		0%		0%		26%		52%	
		Score		1		1		3		3	

**Joint Compatibility Transportation Plan
Preferred Alternative Screening**

	No Build	Preferred Alternative
		Key Assumptions: <i>Includes residential-only parking permits and paid parking downtown. Will redevelop City-owned surface lots and pursue redevelopment of existing surface lots to more active land uses. Commuter Engagement and Incentive Platform: Major employers in the study area would participate in use of a commuter engagement and incentive platform to enhance mobility options and incentives for commuters.</i>
Performance Measure		Metric
Parking Utilization	Project does not increase the availability of parking or transit options or increase in consistency between parking regulations and parking turnover or duration.	Project has a substantial increase availability of parking or transit options or increase in consistency between parking regulations and parking turnover or duration.
Score	1	3
Parking Violations	The project does not result in a decrease in the violation rate	The project results in a substantial decrease in the violation rate
Score	1	3
City Parking Revenue	The project does not increase parking revenue	The project results in a modest increase in parking revenue
Score	1	2
City Parking Enforcement	The project does not enhance the City's parking technology for enforcement	The project results in a substantial improvement in the City's use of technology for parking enforcement
Score	1	3
Accessibility to Parking for Base Workers	The project does not increase the amount of available parking for shipyard workers but moves locations of parking and improves congestion	The project results in modest increase in available parking for shipyard workers and moves locations of parking and improves congestion
Score	1	2
Tracking the "Bremerton Shuffle"	The project does not change the number of vehicles that typically are moved to evade time limits	The project results in a substantial decrease in vehicles being moved to evade time limits
Score	1	3
Surface Parking/Land Use Impacts	The project results in a neutral or modest decrease in surface parking.	The projects results in a substantial decrease in surface parking.
Score	1	3

Appendix N

Preferred Alternative Phasing Matrix



Joint Compatibility Transportation Plan
Preferred Alternative Project Phasing

Project Code	Project Description	Capital Improvement or Policy	Owner Agency	Partner Agencies	Cost Estimate	City Goals 3 = Both 2 = Livability 1 = Base Accessibility	Cost Level 3 = Low (<\$500k) 2 = Medium (\$500k-\$5M) 1 = High (>\$5M)	Ease of Implementation 3 = (0-6 years) 2 = (6-20 yr) 1 = (20-30 yr)	Funding 3 = Funding Available 2 = Funding Identified 1 = Funding Not Identified	Total Score	Recommended Phasing Order
City Capital Projects (CC)											
C40	Naval Ave Road Re-channelization - revises lane configuration on Naval Ave to include a 2-way center turn lane and bike lanes	Capital	City of Bremerton		\$ 10,400,000	3	1	3	3	10	CC-1
C24	6th St Road Re-channelization - revises lane configuration on 6th St to include a 2-way center turn lane and bike lanes	Capital	City of Bremerton		\$ 3,500,000	3	2	3	3	11	CC-2
AT15	Add a shared-use path on south side of 1st St between Naval Ave and Callow Ave	Capital	City of Bremerton		\$ 300,000	3	3	3	2	11	CC-3
AT5	Within the 10-minute walksheds of base gates, upgrade and/or add sidewalks; upgrade marked and unmarked crossings to be ADA compliant	Capital	City of Bremerton		\$ 66,200,000	3	1	3	3	10	CC-4
C20	Change signal timing to include all-way pedestrian phase at State St/Burwell St, Park Ave/Burwell St, and Pacific Ave/Burwell St intersections	Capital	City of Bremerton		\$ 25,000	1	3	3	3	10	CC-5
C35	Adaptive signal timing at 19 signalized intersections along Kitsap Way, 6th St, and 11th St	Capital	City of Bremerton		\$ 5,100,000	1	1	3	3	8	
C38	Build projects proposed in Bremerton Strategic Road Safety Plan. Includes adaptive signal timing along Burwell St and pedestrian crossing treatments at 6th St/Hewitt Ave and Burwell St/Washington Ave	Capital	City of Bremerton		\$ 2,900,000	1	2	3	3	9	CC-6
AT48	Add bike facilities on Shorewood Dr to connect to Kitsap Way and to downtown Bremerton. Navy should consider improving path from Grays Harbor Court to Shorewood Dr to provide connection for Jackson Park to City facilities.	Capital	City of Bremerton	NBK-BR	\$ 4,900,000	2	2	3	2	9	CC-7
C31	Pedestrian/bike improvements within 5 minute walkshed of park and rides or transit hubs (existing and proposed)	Capital	City of Bremerton	Kitsap Transit	\$ 6,600,000	1	1	3	2	7	CC-8
AT27	Improve the sidewalk conditions in the neighborhood west of Charleston Blvd	Capital	City of Bremerton/ Kitsap County		\$ 8,000,000	2	1	3	2	8	CC-9
AT2	Construct a mobility hub at the southwest corner of Park Ave and 4th St for first/last mile connections	Capital	City of Bremerton	Kitsap Transit	\$ 1,500,000	3	2	2	1	8	CC-10
AT55	Construct bike lanes on Park Ave from 4th St to 6th St	Capital	City of Bremerton		\$ 125,000	3	3	3	2	11	
C26	Traffic Management Center that includes IT infrastructure to support adaptive signals (e.g. Cloud based technology)	Capital	City of Bremerton		\$ 2,300,000	1	2	2	1	6	CC-11
C41	Convert signal at Naval Ave/6th St to a roundabout	Capital	City of Bremerton		\$ 7,500,000	1	1	2	1	5	CC-12
C29	Build projects proposed in SR 303 Corridor Study - prioritize capacity projects including roundabouts and BAT lane	Capital	City of Bremerton	Kitsap County Kitsap Transit	\$ 120,000,000	3	1	1	2	7	CC-13
City Policy Projects (CP)											
AT1	Support Kitsap Transit's redevelopment of the Gateway Park and Ride property located at 6th St and Montgomery Ave in a manner consistent with the Comprehensive Plan, Zoning Code, and Charleston Area-wide Planning Study	Policy	City of Bremerton	Kitsap Transit	\$ 1,500,000	2	2	3	1	8	CP-1
PM15	Implement paid on-street parking in the downtown subarea	Policy	City of Bremerton		\$ 50,000	2	3	2	2	9	CP-2
PM2	Implement permit only parking in residential neighborhoods adjacent to and surrounding NBK-BR	Policy	City of Bremerton		\$ 50,000	2	3	2	2	9	CP-3
Naval Base Kitsap - Bremerton Capital Projects (BC)											
AT19	Install secure covered bike parking inside NBK-BR, PSNS, and outside gates	Capital	NBK-BR		\$ 200,000	3	3	3	2	11	BC-1
B3	Improve or manage vehicle input at NBK-BR gates in the AM peak to decrease queuing on City streets	Policy	NBK-BR		\$ 600,000	1	2	3	2	8	BC-2
B18	Allow output at Montgomery gate during AM peak hours and allow input during PM peak hours	Policy	NBK-BR		TBD	1	1	3	2	7	BC-3
C14	Study the need for a new off-ramp from southbound SR 3 to eastbound SR 304 as part of the Navy's planning for any future NBK-BR modifications that triggers this project	Capital	NBK-BR	WSDOT, City of Bremerton	\$ 1,000,000	1	2	3	1	7	BC-4
B7	Maximize the efficient use of parking stalls on NBK-BR installation and construct additional parking	Policy/Capital	NBK-BR		\$ 25,200,000	1	1	1	1	4	BC-5
Naval Base Kitsap - Bremerton Policy Projects (BP)											
CTR1	Maintain telework options currently available to DOD employees	Policy	NBK-BR		TBD	3	3	3	2	11	BP-1
CTR3	Improve NBK-BR/Kitsap Transit Worker/Driver Bus program by making changes to reimbursement process and easing use requirements	Policy	NBK-BR	City of Bremerton, Kitsap Transit	TBD	3	1	3	1	8	BP-2
Kitsap Transit Capital Projects (KC)											
PC6	Build the park and rides outlined in the Kitsap Transit Long Range Plan, including the Silverdale Park and Ride north of Bremerton and the West Bremerton Transit Center/Park and Ride at Auto Center Way	Capital	Kitsap Transit		\$ 53,200,000	3	1	2	2	8	KC-1
PC4	Build projects in the Kitsap Transit Long Range Plan that provide a reliable non-auto travel mode, such as new circulator route in Bremerton, new express bus service between Tacoma and Bremerton, high-capacity transit on SR 303, new on-demand ride zones in Bremerton, multimodal hubs, and additional park and ride lots	Capital	Kitsap Transit		\$ 48,000,000	3	1	2	2	8	KC-2
PC3	Build park and rides in the Kitsap Transit Long Range Plan at the Puget Sound Industrial Center and in South Kitsap; look for opportunities to add parking beyond planned 520 parking stalls	Capital	Kitsap Transit	City of Bremerton	\$ 24,200,000	3	1	2	1	7	KC-3
Kitsap Transit Policy Projects (KP)											
CTR11	Improve NBK-BR/Kitsap Transit Worker/Driver Bus program by using technology and active management to optimize routes and by adding "late" routes and/or alternative shift routes	Policy	Kitsap Transit	NBR-BR	TBD	3	3	3	1	10	KP-1
CTR12	Study increased foot-ferry capacity between Bremerton and Port Orchard to align with the Kitsap Transit Long Range Plan	Policy	Kitsap Transit	City of Bremerton, City of Port Orchard	TBD	3	2	3	1	9	KP-2
CTR4	Reduced fare and regular bus passes. Reduced fare based on income	Policy	Kitsap Transit		TBD	3	2	3	1	9	KP-3
T8	Shuttle service between park and rides and downtown Bremerton (regular bus route with high frequency)	Policy	Kitsap Transit	NBK-BR	TBD	3	2	2	2	9	KP-4
T6	More bus routes and greater frequency (10-15 minute headways) to NBK-BR, including early morning and late evening routes	Policy	Kitsap Transit	NBK-BR	TBD	3	2	2	1	8	KP-5
PM3	Establish a transportation management association. This is typically a nonprofit established as a public-private partnership with funding primarily from major employers. Funding is used to support expansion of commuter transportation options as alternatives to single-occupancy vehicles through education, programs, and incentives.	Policy	Kitsap Transit	City of Bremerton, NBK-BR, Port of Bremerton, WSDOT	\$ 500,000	2	2	2	1	7	KP-6
Washington State Capital Projects (WC)											
C1	Build intersection improvements at SR 3/Kitsap Way as recommended by the West Kitsap Way study	Capital	WSDOT	City of Bremerton	\$ -	1	3	2	1	7	WC-1
C2	Convert stop sign and signals at SR 3/W Loxie Eagans Blvd interchange to roundabouts	Capital	WSDOT	City of Bremerton	\$ 13,700,000	1	1	2	1	5	WC-2
Washington State Policy Projects (WP)											
O6	Better enforcement of HOV lanes	Policy	Washington State Patrol	City of Bremerton	TBD	1	1	3	1	6	WP-1
AT14	Support planning efforts for SR 3 in Gorst	Policy	WSDOT	City of Bremerton, NBK-BR, Kitsap County, Port of Bremerton, Port Orchard	TBD	1	1	3	2	7	WP-2

Appendix O

Project One-Pagers



Phase CC-1

Project Description

Naval Ave Road Re-channelization - revises lane configuration on Naval Ave to include a 2-way center turn lane and bike lanes

Project Code	C40
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	Precedes roundabout at Naval Ave/6th St as part of project C41
Location	Naval Ave between 15th St and 1st St
Project Length	0.7 miles
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$10,400,000

*Cost in 2022 dollars



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Reduce 4 lane section to 3 lane section with center left-turn lane and add bike lanes • Project limits are 1st St to 15th St • Lighting upgrades should be evaluated in accordance with the City's engineering design and construction standards • Does not include roundabout at Naval Ave/6th St (project C41)
Project Benefits	<ul style="list-style-type: none"> • Road diets improve safety by reducing rear-end and left-turn crashes due to the dedicated left-turn lane • Provides opportunity to install bicycle lanes with reclaimed lane width • Makes direct connection between NBK Naval Gate and the bike network
Project Issues and Risks	<ul style="list-style-type: none"> • Strong buy-in from elected officials and community members is beneficial • Project has potential to reduce travel time, travel time reliability, and mobility for vehicles and transit • Vehicle input at the NBK-BR Naval gate may cause queueing on Naval Ave that could cause congestion in the AM peak hour (5:30am to 6:30am). See project B3. Queueing outside of the AM peak hour is not anticipated. The City believes the overall benefits of the project outweigh this risk.
Notes	<ul style="list-style-type: none"> • Shovel ready - design, ROW, NEPA already funded

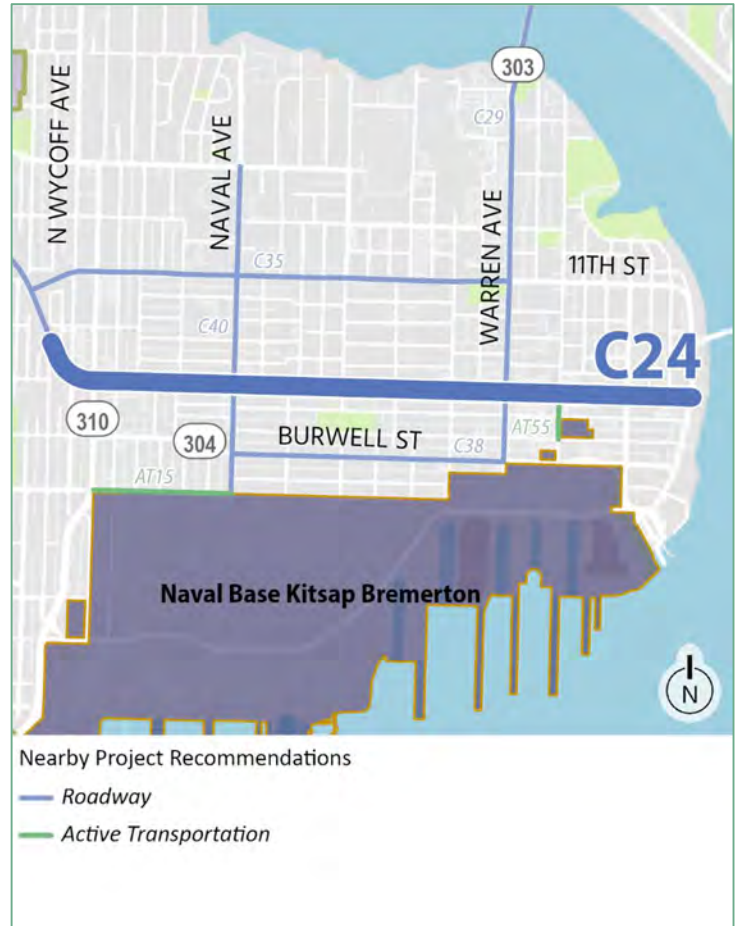
Phase CC-2

Project Description

6th St Road Re-channelization - revises lane configuration on 6th St to include a 2-way center turn lane and bike lanes

Project Code	C24
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	Precedes roundabout at Naval Ave/6th St as part of project C41
Location	6th St between Cambrian Ave and Washington Ave
Project Length	1.5 miles
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$3,500,000

*Cost in 2022 dollars



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Reduce 4 lane section to 3 lane section with center left-turn lane and add bike lanes • Project limits are Cambrian Ave to Washington Ave • Lighting upgrades should be evaluated in accordance with the City's engineering design and construction standards • Does not include roundabout at Naval Ave/6th St (project C41)
Project Benefits	<ul style="list-style-type: none"> • Road diets improve safety by reducing rear-end and left-turn crashes due to the dedicated left-turn lane • Provides opportunity to install bicycle lanes with reclaimed lane width • Makes east-west bike network connection between Downtown and Kitsap Way • Protected bike lanes provide a safer biking environment • Providing bike lanes on 6th St provide a key east-west connection in downtown Bremerton
Project Issues and Risks	<ul style="list-style-type: none"> • Strong buy-in from elected officials and community members is beneficial • Project has potential to reduce travel time, travel time reliability, and mobility for vehicles and transit • Vehicle input at the NBK-BR Naval gate may cause queueing onto 6th Street that could cause congestion in the AM peak hour (5:30am to 6:30am). See project B3. Queueing outside of the AM peak hour is not anticipated. The City believes the overall benefits of the project outweigh this risk.
Notes	<ul style="list-style-type: none"> • Identified in City of Bremerton 6-year TIP (2023 to 2028)

Phase CC-3

Project Description

Add a shared-use path on south side of 1st St between Naval Ave and Callow Ave	
Project Code	AT15
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	-
Location	1st St between Naval Ave and Callow Ave
Project Length	0.3 miles
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$300,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • 1st Street would become one-way for vehicles • Lighting upgrades should be evaluated as part of design of the project, per City construction standards
Project Benefits	<ul style="list-style-type: none"> • Protected bike lanes provide a safer biking environment • Protected bike lanes along 1st St would provide an easier and safer route for bicyclists travelling to and from NBK-BR and would encourage mode shift to biking
Project Issues and Risks	<ul style="list-style-type: none"> • Additional outreach, design, and estimating are required for the final configuration for bicycle facilities
Notes	<ul style="list-style-type: none"> • Potential to extend east to State Street

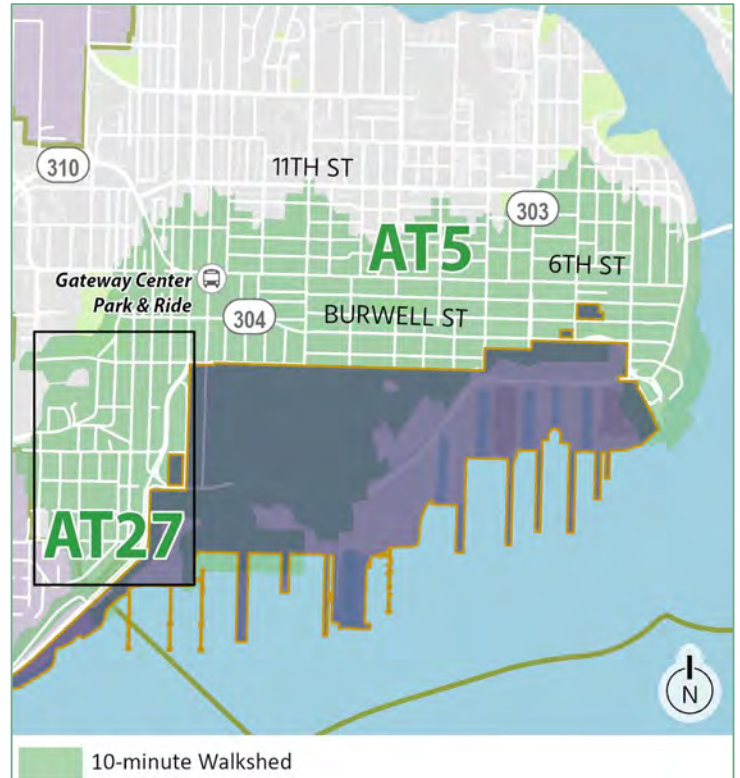
Phase CC-4

Project Description

Within the 10-minute walksheds of base gates, upgrade and/or add sidewalks; upgrade marked and unmarked crossings to be ADA compliant

Project Code	AT5
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	-
Location	Downtown Bremerton
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$66,200,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Total cost for improving 136,700 linear feet of sidewalks that are in fair/marginal or poor/very poor conditions. Does not include sidewalks in neighborhood west of Charleston Blvd (AT27) • Suggest breaking this into smaller packages of \$775k - \$1M • Lighting upgrades should be evaluated in accordance with the City's engineering design and construction standards
Project Benefits	<ul style="list-style-type: none"> • Would benefit approximately 11,500 pedestrians who currently walk onto NBK-BR every day. • Consistent with City plans and ongoing City efforts to make crosswalks and sidewalks ADA compliant • Improved sidewalk conditions and connectivity provide a safer walking environment and encourage mode shift to walking
Project Issues and Risks	<ul style="list-style-type: none"> • No major issues or risks identified at this time
Notes	<ul style="list-style-type: none"> • Sidewalk Program identified in City of Bremerton 6-year TIP (2023 to 2028)

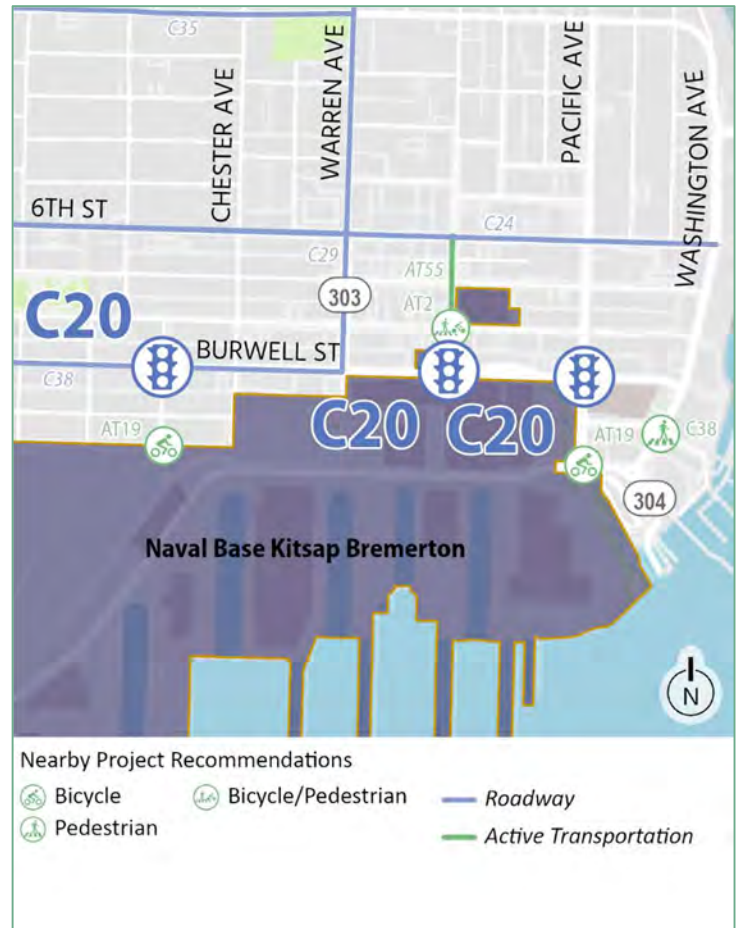
Phase CC-5

Project Description

Change signal timing to include all-way pedestrian phase at State St/Burwell St, Park Ave/Burwell St, and Pacific Ave/Burwell St intersections

Project Code	C20
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	Can occur with adaptive signal timing updates on Burwell St as part of C38
Location	State St/Burwell St, Park Ave/Burwell St, and Pacific Ave/Burwell St
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$25,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Cost estimate assumes City hires a contractor to adjust the signal timing
Project Benefits	<ul style="list-style-type: none"> • Improves pedestrian safety by reducing conflicts between pedestrians and vehicles turning into crosswalks
Project Issues and Risks	<ul style="list-style-type: none"> • Design should incorporate Accessible Pedestrian Signal elements to assist visually impaired pedestrians who traditionally rely on traffic sounds to decide when and where to cross • Project has potential to reduce travel time, travel time reliability, and mobility by reducing the amount of green time available to vehicle and transit
Notes	<ul style="list-style-type: none"> • Education efforts and permanent signage required

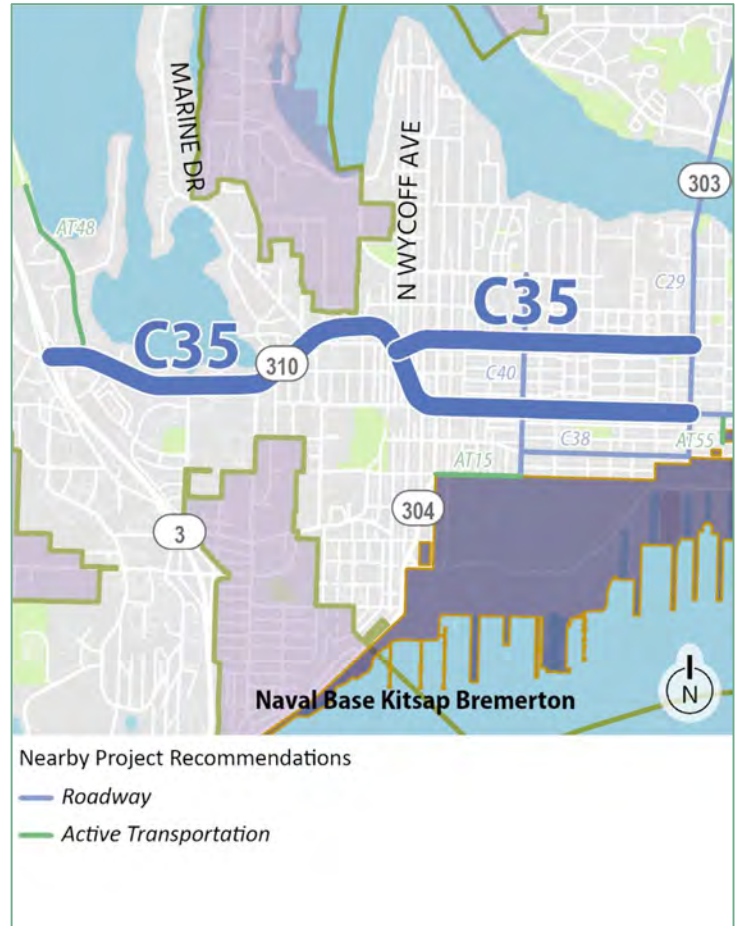
Phase CC-5

Project Description

Adaptive signal timing at 19 signalized intersections along Kitsap Way, 6th St, and 11th St

Project Code	C35
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	-
Location	Kitsap Way, 6th St, and 11th St
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$5,100,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> Adaptive signal timing provides flexibility for improved traffic operations and optimizing efficiency of existing roadway capacity. Adaptive signals change without human interaction and automatically adjust the length of green time given to each movement at an intersection based on what the traffic conditions need. This enables the traffic signals to better serve all people (vehicles, pedestrians, bicyclists) moving through the intersection or along a roadway. This increases capacity of the intersection without changing the channelization and improves average performance metrics (travel time, control delay, emissions, and fuel consumption) by 10 percent or more. Project would likely improve travel time, travel time reliability, and mobility
Project Issues and Risks	<ul style="list-style-type: none"> Adaptive signal systems need to be designed to ensure that pedestrians receive adequate walk time to safely cross the street.
Notes	<ul style="list-style-type: none"> Signal system upgrade funding in 6 year TIP Adaptive signal timing along Burwell St already included in the TIP and as part of project C38 Adaptive signal timing along SR 303 already included as part of project C29

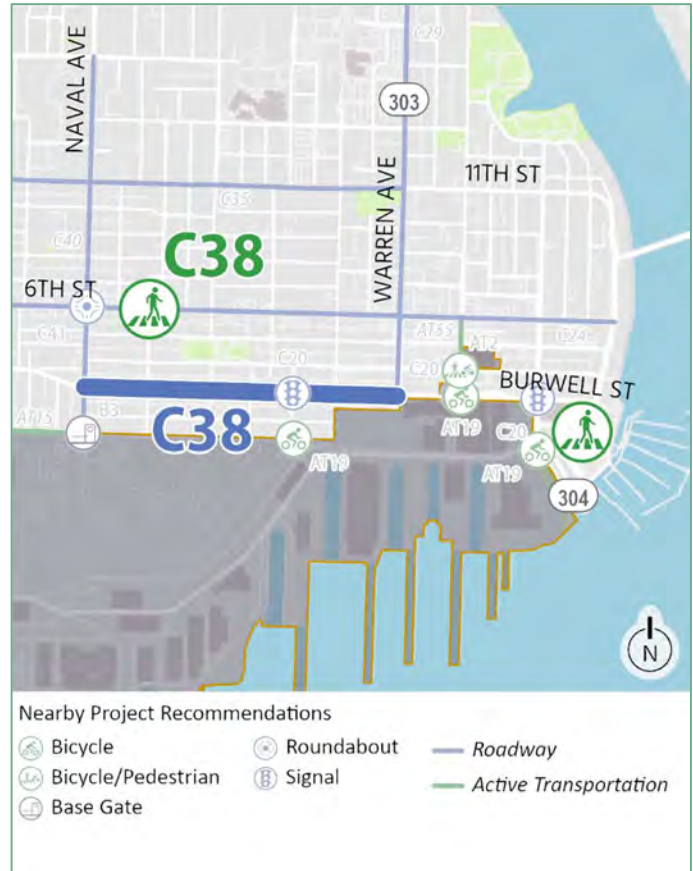
Phase CC-6

Project Description

Build projects proposed in Bremerton Strategic Road Safety Plan, per updated plan (2022). Includes adaptive signal timing along Burwell St and pedestrian crossing treatments at 6th St/Hewitt Ave and Burwell St/Washington Ave

Project Code	C38
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	Can occur with all-way pedestrian phasing on Burwell St as part of C20
Location	Burwell St, 6th St/Hewitt Ave, and Burwell St/Washington Ave
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$2,900,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> Adaptive signal timing provides flexibility for improved traffic operations and optimizing efficiency of existing roadway capacity. Adaptive signals change without human interaction and automatically adjust the length of green time given to each movement at an intersection based on what the traffic conditions need. This enables the traffic signals to better serve all people (vehicles, pedestrians, bicyclists) moving through the intersection or along a roadway. This increases capacity of the intersection without changing the channelization and improves average performance metrics (travel time, control delay, emissions, and fuel consumption) by 10 percent or more. Pedestrian crossing treatments provide safer facilities for pedestrians by providing visibility
Project Issues and Risks	<ul style="list-style-type: none"> No major issues or risks identified at this time
Notes	<ul style="list-style-type: none"> City Safety Improvements in 6 year TIP

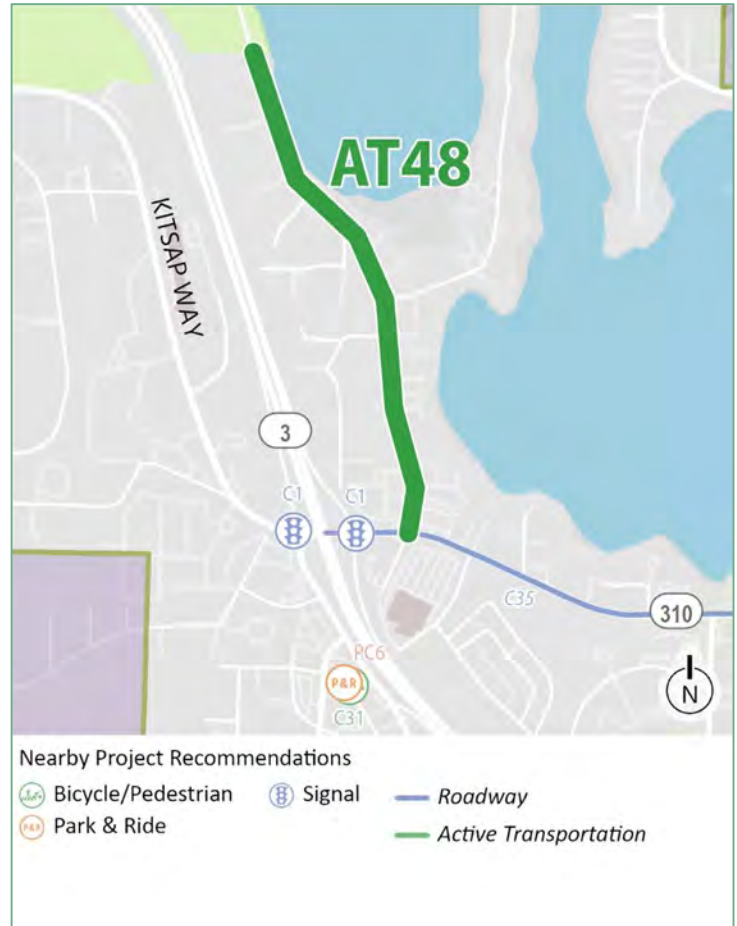
Phase CC-7

Project Description

Add bike facilities on Shorewood Dr to connect to Kitsap Way to downtown Bremerton. Navy should consider improving path from Grays Harbor Court to Shorewood Dr to provide connection for Jackson Park to city facilities.

Project Code	AT48
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	NBK-BR
Relationship to Other Projects	-
Location	Shorewood Dr north of Kitsap Way
Project Length	1 mile
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$4,900,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Lighting upgrades should be evaluated in accordance with the City's engineering design and construction standards • Navy would maintain all property rights to paths within Jackson Park, could restrict access as needed and would not be considered part of an official bike route
Project Benefits	<ul style="list-style-type: none"> • Consistent with City plans • Protected bike lanes provide a safer biking environment • Protected bike lanes along Shorewood Dr would provide an easier and safer route for bicyclists travelling to and from NBK-BR and would encourage mode shift to biking
Project Issues and Risks	<ul style="list-style-type: none"> • Additional outreach, design, and estimating are required for the final configuration for bicycle facilities
Notes	<ul style="list-style-type: none"> • Identified in City of Bremerton 6-year TIP (2023 to 2028)

Phase CC-8

Project Description

Pedestrian/bike improvements within 5 minute walkshed of Wheaton Way Transit Center and United Methodist Church P&R

Project Code	C31
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	Kitsap Transit
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$6,600,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Cost estimate assume sidewalk upgrades (bringing sidewalks up to standards, adding ADA ramps, and building sidewalks where they are missing) within a 5-minute walkshed of each P&R. • Lighting upgrades should be evaluated in accordance with the City's engineering design and construction standards
Project Benefits	<ul style="list-style-type: none"> • Pedestrian and bike improvements in the vicinity of existing park and rides provide an easier and safer route for pedestrians and bicyclists using transit to travel to and from NBK-BR and would encourage mode shift to transit
Project Issues and Risks	<ul style="list-style-type: none"> • No major issues or risks identified at this time
Notes	

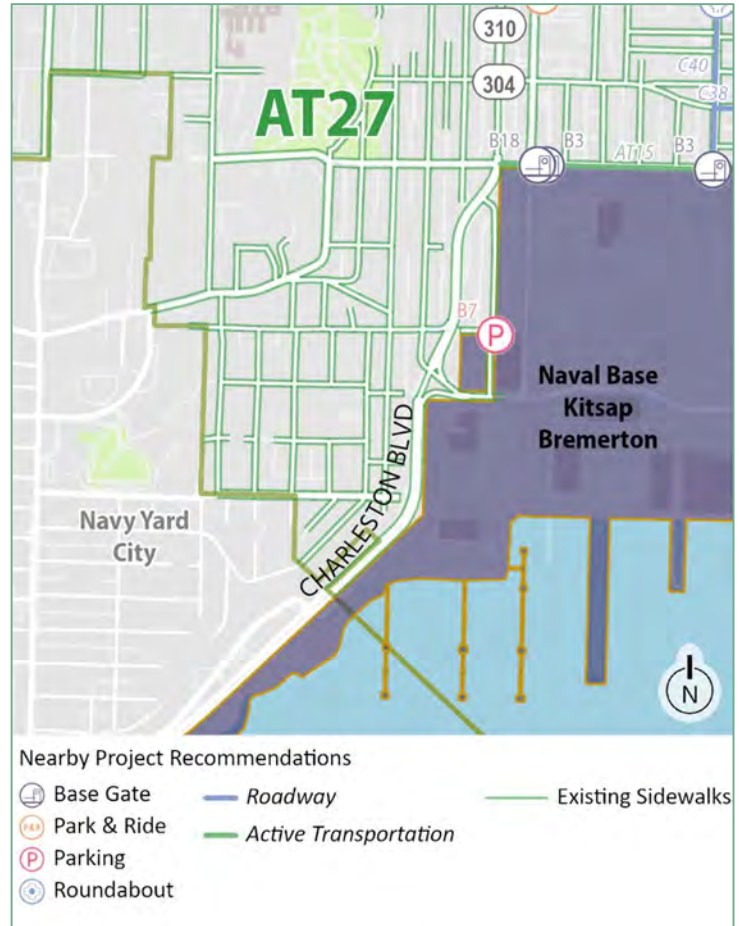
Phase CC-9

Project Description

Improve the sidewalk conditions in the neighborhood west of Charleston Blvd

Project Code	AT27
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton, Kitsap County
Partner Agencies	-
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$8,000,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Total cost for improving 16,800 linear feet of sidewalks that are in fair/marginal or poor/very poor conditions • Lighting upgrades should be evaluated in accordance with the City's engineering design and construction standards
Project Benefits	<ul style="list-style-type: none"> • Improved sidewalk conditions and connectivity provide a safer walking environment and encourage mode shift to walking
Project Issues and Risks	<ul style="list-style-type: none"> • No major issues or risks identified at this time
Notes	<ul style="list-style-type: none"> • Sidewalk Program already identified in City of Bremerton 6-year TIP (2023 to 2028)

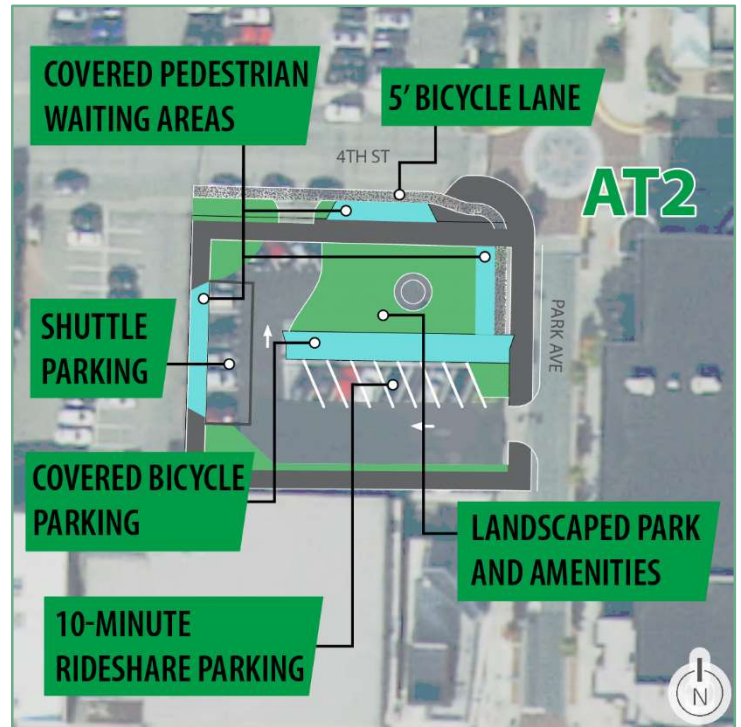
Phase CC-10

Project Description

Construct a mobility hub at the southwest corner of Park Ave and 4th St for first/last mile connections

Project Code	AT2
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	Kitsap Transit
Relationship to Other Projects	With bike lanes on Park Ave as part of project AT55
Location	Park Ave/4th St
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$1,500,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

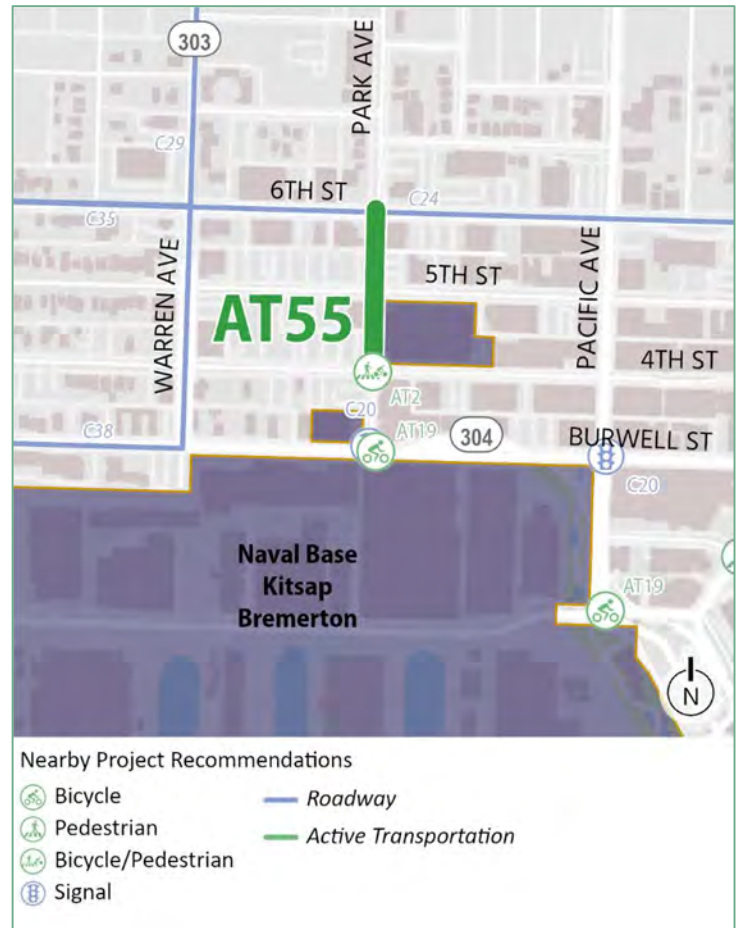
Project Assumptions	<ul style="list-style-type: none"> • Includes drive aisle and parking areas, sidewalks, ornamental open planting • Assumes no impacts to right-of-way • Project location is the City-owned parking lot at the southwest corner of 4th St and Park Ave • Lighting upgrades should be evaluated in accordance with the City's engineering design and construction standards
Project Benefits	<ul style="list-style-type: none"> • Improved connectivity encourages mode shift to walking, biking, and transit
Project Issues and Risks	<ul style="list-style-type: none"> • Project would result in loss of parking revenue from existing surface lot.
Notes	

Phase CC-10

Project Description

Construct bike lanes on Park Ave from 4th St to 6th St	
Project Code	AT55
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	With mobility hub at Park Ave/4th St as part of AT2
Location	Park Ave between 4th St and 6th St
Project Length	570 feet
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$125,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Would be constructed in conjunction with proposed mobility hub • Lighting upgrades should be evaluated in accordance with the City's engineering design and construction standards
Project Benefits	<ul style="list-style-type: none"> • Protected bike lanes provide a safer biking environment • Protected bike lanes along Park Ave would provide an easier and safer route for bicyclists travelling to and from NBK-BR and would encourage mode shift to biking • Provides a connection between the proposed 6th St bike lanes (C24/AT53) and proposed mobility hub (AT2)
Project Issues and Risks	<ul style="list-style-type: none"> • No major issues or risks identified at this time
Notes	

Phase CC-11

Project Description

Traffic Management Center that includes IT infrastructure to support adaptive signals (e.g. Cloud based technology)

Project Code	C26
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	In coordination with adaptive signal timing as part of C35 and C38
Location	-
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$2,300,000

**Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM*



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Cost estimate assumes retrofit of existing building in Bremerton, ITS services, servers, and ATS systems.
Project Benefits	<ul style="list-style-type: none"> • This concept provides the city with additional flexibility in operating an adaptive signal system by observing system-wide operations in real-time, making changes to traffic signals to help reduce congestion and reducing delays caused by incidents or crashes by dispatching tow-trucks. .
Project Issues and Risks	<ul style="list-style-type: none"> • Requires off-site control area with dedicated computer system and operator • Cost for operations and maintenance • Active traffic management on state highways may require a systems engineering process as defined in the WSDOT Local Agency Guidelines Manual
Notes	

Phase CC-12

Project Description	
Convert signal at Naval Ave/6th St to a roundabout	
Project Code	C41
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	Follows road diet on 6th St as part of project C24 and road diet on Naval Ave as part of project C40
Location	Naval Ave/6th St
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$7,500,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes	
Project Assumptions	<ul style="list-style-type: none"> • Not needed until level of service falls below standards • Compact roundabout • Additional intersection analysis will be required during design to determine a layout for the roundabout that addresses AM peak hour congestion
Project Benefits	<ul style="list-style-type: none"> • Roundabouts reduce crash severity, improve pedestrian safety, and provide a sustainable solution for traffic control • Project improves travel time, travel time reliability, and mobility for vehicles and transit
Project Issues and Risks	<ul style="list-style-type: none"> • Impacts to right-of-way • Public education required • Cost • Moderate traffic interruption during construction • Additional mitigation may be required to address environmental impacts not evaluated in this study
Notes	

Phase CC-13

Project Description

Build projects proposed in SR 303 Corridor Study - prioritize capacity projects including RABs and BAT lane

Project Code	C29
Project Type	City Capital Projects (CC)
Owner Agency	City of Bremerton
Partner Agencies	Kitsap County, Kitsap Transit
Relationship to Other Projects	-
Location	-
Project Length	3.9 miles
Recommended Implementation Time Frame	> 20 years
Cost Estimate*	\$120,000,000

*Source: SR 303 Corridor Study



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Project costs are in 2020 dollars • Implementation of projects is consistent with the SR 303 Corridor Study phasing recommendations, with full build out in the 20-year timeframe
Project Benefits	<ul style="list-style-type: none"> • Most of the proposed projects from the SR 303 Corridor Study would improve travel time, travel time reliability, mobility, safety, and access to transit to commuters of all modes along SR 303/Warren Ave • Consistent with Kitsap Transit long-range planning efforts
Project Issues and Risks	<ul style="list-style-type: none"> • Impacts to right-of-way • Cost • Northbound BAT lane along SR 303 has potential to reduce travel time, travel time reliability, and mobility for general purpose vehicles by reducing the amount of green time available to general purpose vehicles • Replacing the TWLTL along SR 303 with a median has potential to reduce travel time, travel time reliability, and mobility for general purpose vehicles by requiring vehicles to take u-turns at intersections to access businesses
Notes	<ul style="list-style-type: none"> • Priority projects include safety measures along SR 303 between Burwell St and 6th St (Phase 4A), roundabout at SR 303/11th St (Phase 4B), sidewalk improvements along SR 303 (Phase 8A), and a northbound BAT lane along SR 303 (Phase 8B)

Phase CP-1

Project Description

Support Kitsap Transit's redevelopment of the Gateway Park and Ride property located at 6th St and Montgomery Ave in a manner consistent with the Comprehensive Plan, Zoning Code, and Charleston Area-wide Planning Study

Project Code	AT1
Project Type	City Policy Projects (CP)
Owner Agency	City of Bremerton
Partner Agencies	Kitsap Transit
Relationship to Other Projects	-
Location	6th St/Montgomery Ave
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$1,500,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> Proposed mobility hub at existing Gateway Park and Ride
Project Benefits	<ul style="list-style-type: none"> Consistent with Kitsap Transit long-range planning efforts This Kitsap Transit property was identified by the JCTP as having valuable potential for transit oriented development. Projects that support transit, active transportation, and affordable housing have a positive benefit to the goals outlined in the JCTP
Project Issues and Risks	<ul style="list-style-type: none"> No major issues or risks identified at this time
Notes	<ul style="list-style-type: none"> City can provided supportive language for future grant applications

Phase CP-2

Project Description	
Implement paid on-street parking in the downtown subarea	
Project Code	PM15
Project Type	City Policy Projects (CP)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	Should follow projects that increase access to transit and other modes such as PC3, PC4 and PC6, the CTR projects, and the AT projects.
Location	-
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$50,000



*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM

Project Attributes	
Project Assumptions	<ul style="list-style-type: none"> • Paid parking in downtown may be implemented through mobile payment with the primary cost to the City being to install the signage. Revenue has the potential to exceed management costs and could be used for improvements to downtown.
Project Benefits	<ul style="list-style-type: none"> • Paid parking will increase access to downtown for customers and visitors in support of local businesses
Project Issues and Risks	<ul style="list-style-type: none"> • Requires communication and outreach to residents, NBK-BR, and the business community
Notes	<ul style="list-style-type: none"> • Recommend following these implementation steps: <ul style="list-style-type: none"> ○ Update the Rates and Fees per Bremerton Municipal Code 3.01 to authorize rates for paid parking in the downtown subarea and provide a framework for pricing ○ Develop a demand-based pricing program ○ Create a revenue model to test different pricing strategies and develop estimates ○ Establish an initial regulatory framework for time limits and pricing that varies by season, day, and/or hourly ○ Conduct outreach to downtown businesses, property owners, and residents about implementing paid parking downtown ○ Develop and issue an RFP for mobile parking payment to implement paid on-street parking in downtown or expand current agreement with PaybyPhone ○ Establish an on-street validation program or price reductions at local businesses in partnership with downtown businesses. Would need to issue an RFP for software agreements ie. Flagstaff, AZ has a “parking angels” program where businesses discount purchases by \$1 to pay for parking. ○ Develop a communications and marketing plan for implementing paid parking in downtown that will precede the launch of the program. See programs such as the City of Bellingham and the City of Seattle.

Phase CP-3

Project Description

Implement permit only parking in residential neighborhoods adjacent to and surrounding NBK-BR	
Project Code	PM2
Project Type	City Policy Projects (CP)
Owner Agency	City of Bremerton
Partner Agencies	-
Relationship to Other Projects	Should follow projects that increase access to transit and other modes such as PC3, PC4 and PC6, the CTR projects, and the AT projects.
Location	-
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$50,000



*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM

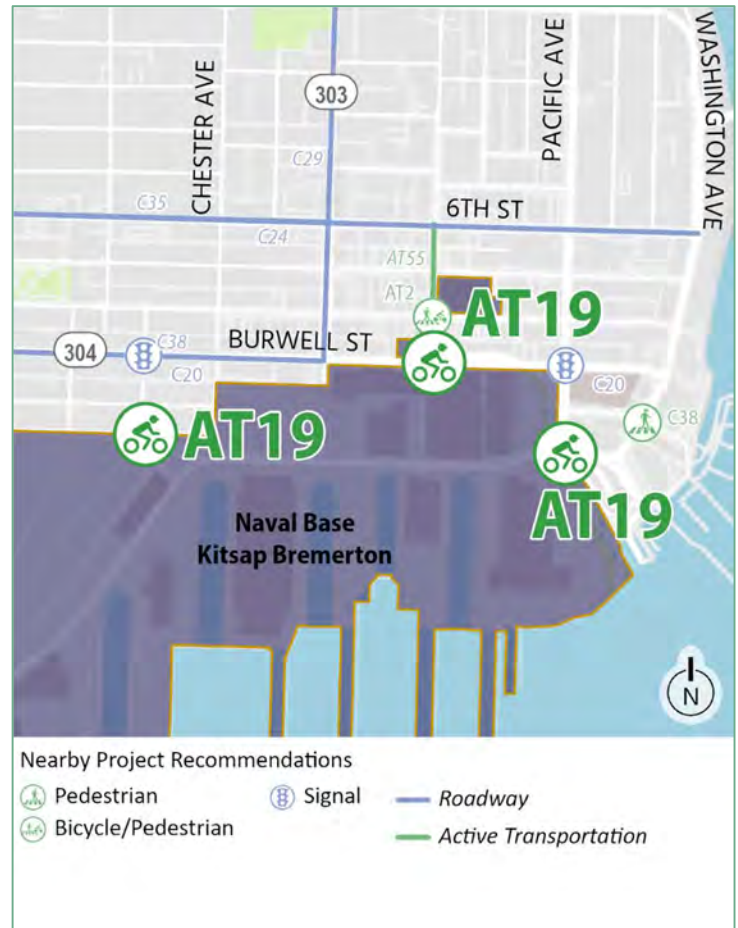
Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • The implementation of expanded on-street parking permit programs will be actively managed to achieve project benefits
Project Benefits	<ul style="list-style-type: none"> • Manage commuter parking conflicts in residential areas. • Improve livability in residential areas
Project Issues and Risks	<ul style="list-style-type: none"> • Requires communication and outreach to residents and NBK-BR
Notes	<ul style="list-style-type: none"> • Recommend following these implementation steps: <ul style="list-style-type: none"> ○ Update the Bremerton Municipal Code ○ Authorize permit-only zones by petition ○ Address guest pass eligibility ○ Include a framework for permit pricing ○ Add a prohibition on permit zones in the downtown subarea where customer and visitor access should be prioritized. ○ Conduct public engagement to residents in existing permit zones regarding the desirability of converting to permit-only parking. ○ Implement pricing to sustain management of the program.

Phase BC-1

Project Description	
Install secure covered bike parking inside NBK-BR, PSNS, and outside gates	
Project Code	AT19
Project Type	Naval Base Kitsap - Bremerton Capital Projects (BC)
Owner Agency	NBK-BR
Partner Agencies	-
Relationship to Other Projects	-
Location	Naval Base Kitsap-Bremerton
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$200,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes	
Project Assumptions	<ul style="list-style-type: none"> • Cost estimate assumes 9 bike lockers that hold 2 bikes each at a cost of \$3,700 each plus concrete slabs and luminaires.
Project Benefits	<ul style="list-style-type: none"> • Provides more transportation options for NBK-BR commuters • Installation can provide added security for bikes which will encourage bike commuting, especially as electric bikes are an investment for workforce and attractive for theft
Project Issues and Risks	<ul style="list-style-type: none"> • Coordinate project with NBK-BR security staff to ensure placement and type of bike lockers is consistent with installation security needs
Notes	<ul style="list-style-type: none"> • Could include the conversion of vehicle parking spaces

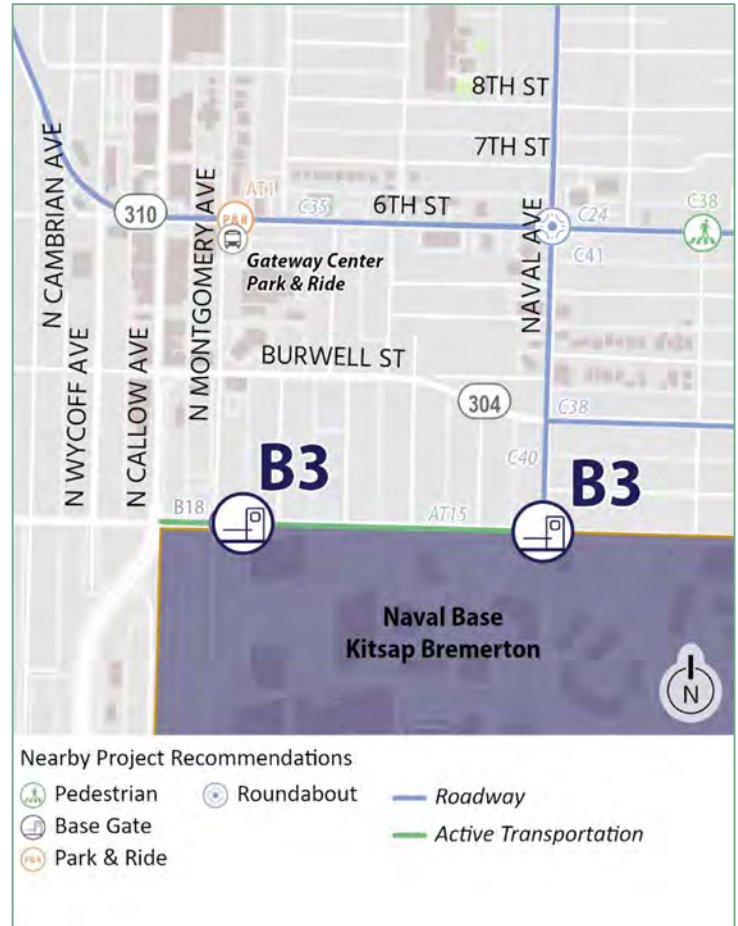
Phase BC-2

Project Description

Improve or manage vehicle input at NBK-BR gates in the AM peak to decrease queuing on City streets

Project Code	B3
Project Type	Naval Base Kitsap - Bremerton Capital Projects (BC)
Owner Agency	NBK-BR
Partner Agencies	-
Relationship to Other Projects	-
Location	Naval Base Kitsap-Bremerton
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$600,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM

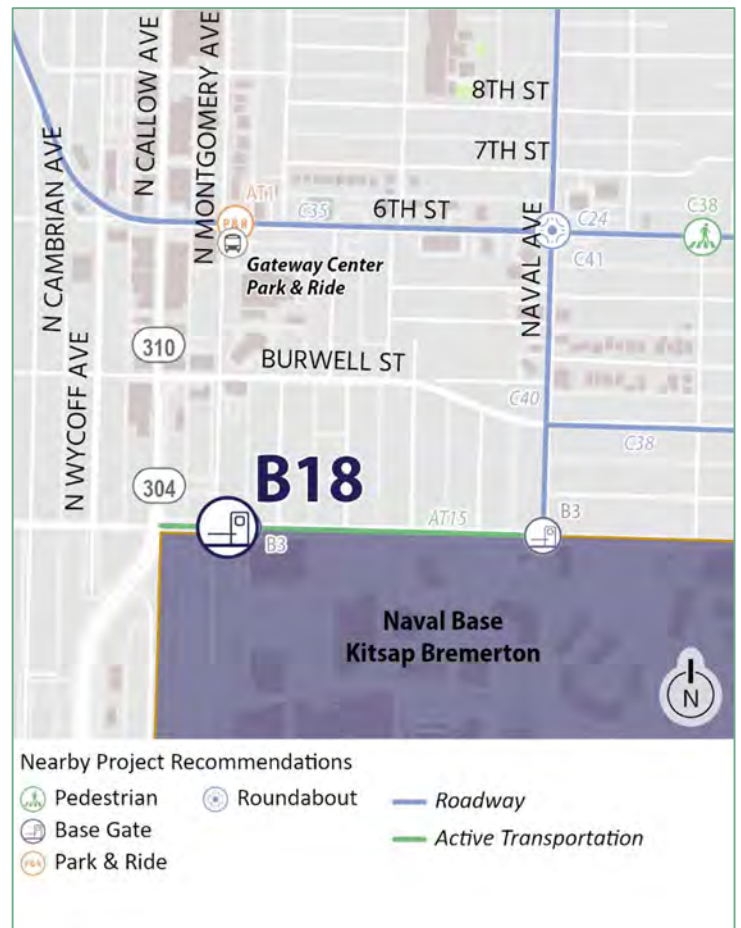


Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Cost estimate assumes new fencing, additional lanes, utility relocation, and new guardhouses at Naval and Montgomery gates. Does not include operating costs like additional staff.
Project Benefits	<ul style="list-style-type: none"> • Decreases queueing and improves traffic operations for adjacent roadways. • NBK-BR can actively manage gate progression through process changes, additional staff, or gate improvements
Project Issues and Risks	<ul style="list-style-type: none"> • Gate security needs may change/fluctuate during times of heightened national security • Additional staff support may be required to maintain appropriate gate progression
Notes	<ul style="list-style-type: none"> • NBK-BR and Bremerton would benefit from coordination of gate progression. This would allow for Bremerton employ traffic management through the proposed adaptive signal timing system to mitigate issues at times when NBK-BR cannot meet gate progression goals

Phase BC-3

Project Description	
Allow output at Montgomery gate during AM peak hours and allow input during PM peak hours	
Project Code	B18
Project Type	Naval Base Kitsap - Bremerton Capital Projects (BC)
Owner Agency	NBK-BR
Partner Agencies	-
Relationship to Other Projects	-
Location	Naval Base Kitsap-Bremerton
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate	TBD



Project Attributes	
Project Assumptions	<ul style="list-style-type: none"> May require NBK-BR staffing increases to maintain gate when fleet is deployed Montgomery Gate currently opens when multiple Carriers are in port and when staffing allows
Project Benefits	<ul style="list-style-type: none"> Decreases queueing and improves traffic operations for adjacent roadways by dispersing incoming and outgoing traffic through multiple gate locations.
Project Issues and Risks	<ul style="list-style-type: none"> Gate security needs may change/fluctuate during times of heightened national security
Notes	<ul style="list-style-type: none"> NBK-BR and Bremerton would benefit from coordination regarding gate operations. This would allow for Bremerton to employ traffic management through the proposed adaptive signal timing system to mitigate issues at times when NBK-BR cannot meet gate progression goals.

Phase BC-4

Project Description

Study the need for a new off-ramp from southbound SR 3 to eastbound SR 304 as part of the Navy’s planning for any future Base modifications that triggers this project

Project Code	C14
Project Type	Naval Base Kitsap - Bremerton Capital Projects (BC)
Owner Agency	NBK-BR
Partner Agencies	WSDOT, City of Bremerton
Relationship to Other Projects	-
Location	SR 3/SR 304 interchange
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate*	\$1,000,000

*Cost in 2022 dollars



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Cost estimate is for cost of planning study, not the actual cost of the new off-ramp.
Project Benefits	<ul style="list-style-type: none"> • A new off-ramp from southbound SR 3 to eastbound SR 304 would provide more direct access for people travelling from southbound SR 3 to NBK-BR
Project Issues and Risks	<ul style="list-style-type: none"> • No major issues or risks identified at this time
Notes	<ul style="list-style-type: none"> • WSDOT has conducted several studies of the SR 3/SR 304 interchange in the last ten years. Findings did not indicate a need for a southbound ramp from SR 3 to SR 304. • WSDOT policy requires the formal submission of a request to either add, revise, or abandon access to freeways.

Phase BC-5

Project Description	
Maximize the efficient use of parking stalls on NBK-BR installation and construct additional parking	
Project Code	B7
Project Type	Naval Base Kitsap - Bremerton Capital Projects (BC)
Owner Agency	NBK-BR
Partner Agencies	-
Relationship to Other Projects	-
Location	Naval Base Kitsap-Bremerton
Project Length	-
Recommended Implementation Time Frame	> 20 years
Cost Estimate*	\$25,200,000



*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM

Project Attributes	
Project Assumptions	<ul style="list-style-type: none"> • Efficiencies to existing parking can be achieved through a variety of measures including: restriping lots to fit more vehicles, revising permit programs to add more car pool and van pool, prioritize new permits for car pools or van pools, stall sharing for teleworkers • Additional parking can be constructed vertically to existing surface lots. Cost estimate assumes one parking garge with 4 stories on an existing surface lot.
Project Benefits	<ul style="list-style-type: none"> • Additional parking on the west side of the installation near the Farragut Gate would complement the SB SR 3 off-ramp to Charelston Beach Blvd (Project C14) • Recommended due to high demand for parking traffic originating from the south. Also available space at the base entrance with ease of access to base bus service. • Additonal people served by stalls on base reduces the amount of parking off-installation which improves livability for Bremerton residents • On-Installation parking provides safe reliable and free parking for workforce. Technology and telework provide opportunity to maximize use of parking stalls on installation
Project Issues and Risks	<ul style="list-style-type: none"> • Funding for additional parking on Base is not supported by the DOD
Notes	<ul style="list-style-type: none"> • Parking efficiencies achievable through lower cost measures such as permit program changes, restriping lots, and stall sharing should be pursued as a near-term project.

Phase BP-1

Project Description

Maintain telework options currently available to DOD employees

Project Code	CTR1
Project Type	Naval Base Kitsap - Bremerton Policy Projects (BP)
Owner Agency	NBK-BR
Partner Agencies	-
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Telework allows people to work from home and use internet or phone for their meetings. • During the COVID-19 Pandemic NBK-BR expanded its telework options and telework has continued for some positions, as appropriate for the work demands
Project Benefits	<ul style="list-style-type: none"> • Fewer commuters travelling to NBK-BR would improve travel time, travel time reliability, and mobility for vehicles and transit in downtown
Project Issues and Risks	<ul style="list-style-type: none"> • No major issues or risks identified at this time
Notes	<ul style="list-style-type: none"> • Telework is not feasible for a majority of positions at NBK-BR due to the nature of the work, however some office-based jobs may be a good fit for telework

Phase BP-2

Project Description

Improve NBK-BR/Kitsap Transit Worker Driver Bus program by making changes to reimbursement process and easing use requirements

Project Code	CTR3
Project Type	Naval Base Kitsap - Bremerton Policy Projects (BP)
Owner Agency	NBK-BR
Partner Agencies	City of Bremerton, Kitsap Transit
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Reimbursement program is the Federal Incentive Program (TIP) and changes would need to be negotiated at the Federal level • D.C. area program would be model - workers get a monthly pass rather than the reimbursement model currently in use at NBK-BR
Project Benefits	<ul style="list-style-type: none"> • Encourages mode shift to transit • Allows flexibility for individual workers to optimize their commutes
Project Issues and Risks	<ul style="list-style-type: none"> • No major issues or risks identified at this time
Notes	

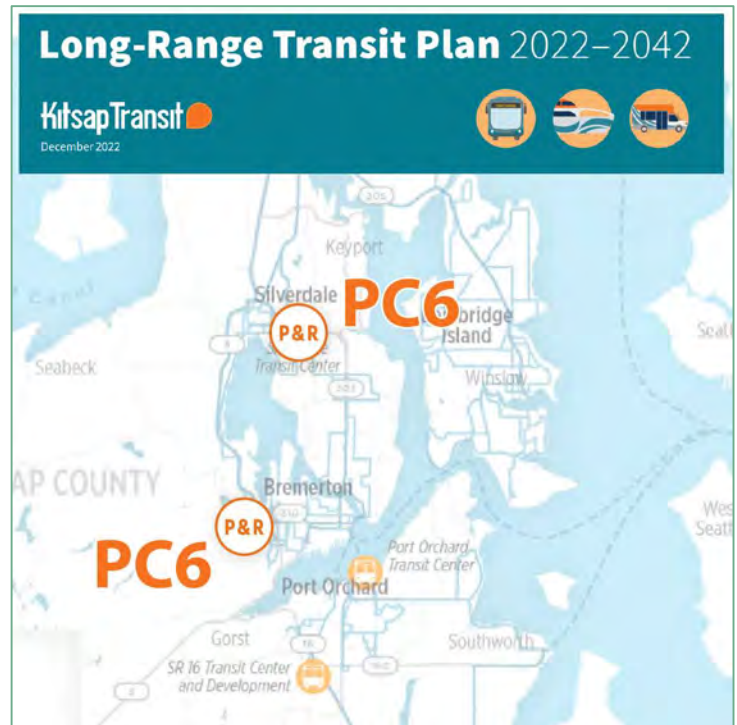
Phase KC-1

Project Description

Build the park and rides outlined in the Kitsap Transit Long Range Plan, including the Silverdale Park and Ride north of Bremerton and the West Bremerton Transit Center/Park and Ride at Auto Center Way

Project Code	PC6
Project Type	Kitsap Transit Capital Projects (KC)
Owner Agency	Kitsap Transit
Partner Agencies	-
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$53,200,000

*Source: Kitsap Transit Long Range Plan



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Kitsap Transit LRP assumes 270 parking stalls at the proposed Silverdale Park and Ride and does not specify the number of parking stalls at the proposed West Bremerton Transit Center/Park and Ride. JCTP study suggests a demand for 225 parking stalls north of Bremerton and 700 parking stalls near the SR 3/West Kitsap Way interchange.
Project Benefits	<ul style="list-style-type: none"> • Encourages mode shift to transit • Captures portion of vehicles travelling into downtown, reducing travel time, travel time reliability, and mobility for vehicles and transit downtown
Project Issues and Risks	<ul style="list-style-type: none"> • Cost • Additional mitigation may be required to address environmental impacts not evaluated in this study
Notes	<ul style="list-style-type: none"> • 1,570 vehicles (23 percent of total inbound vehicles) are forecasted to travel through the SR 3/West Kitsap Way interchange during the Year 2050 AM peak hour. • 1,740 vehicles (25 percent of total inbound vehicles) are forecasted to travel from north of Bremerton along SR 303 during the Year 2050 AM peak hour. • Smaller scale park and rides in mixed use settings may be more cost efficient and provide a safer environment than large scale dedicated park and ride lots

Phase KC-2

Project Description

Build projects in Kitsap Transit’s Long Range Plan that provide a reliable non-auto travel mode, such as new circulator route in Bremerton, new express bus service between Tacoma and Bremerton, high-capacity transit on SR 303, new on-demand ride zones in Bremerton, multimodal hubs, and additional park and ride lots

Project Code	PC4
Project Type	Kitsap Transit Capital Projects (KC)
Owner Agency	Kitsap Transit
Partner Agencies	-
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$48,000,000

*Source: Kitsap Transit Long Range Plan



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> • Encourages mode shift to transit • Captures portion of vehicles travelling into downtown, reducing travel time, travel time reliability, and mobility for vehicles and transit downtown
Project Issues and Risks	<ul style="list-style-type: none"> • Cost • Additional mitigation may be required to address environmental impacts not evaluated in this study
Notes	<ul style="list-style-type: none"> • See Kitsap Transit Long Range Plan for more details on scope of project, cost estimates, and implementation time frames

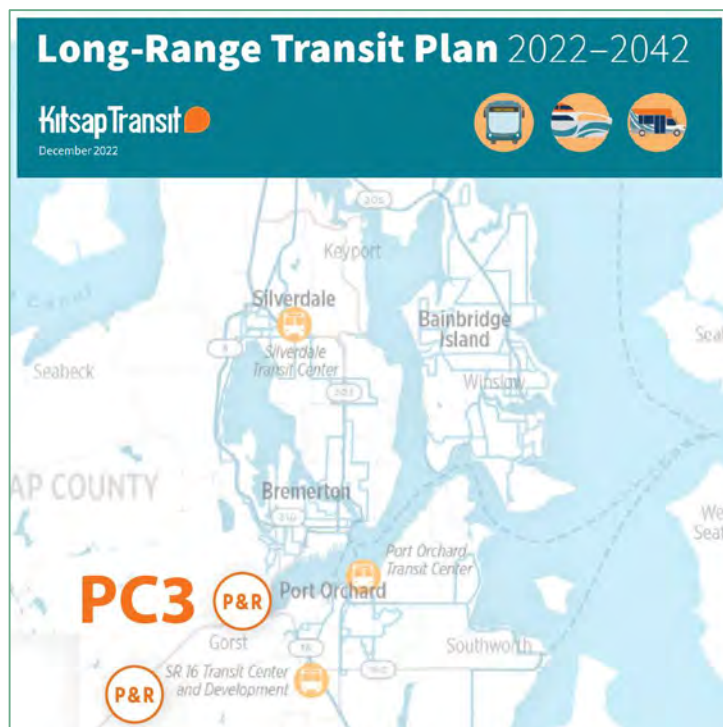
Phase KC-3

Project Description

Build park and rides in Kitsap Transit's Long Range Plan at the Puget Sound Industrial Center and in South Kitsap; look for opportunities to add parking beyond planned 520 parking stalls

Project Code	PC3
Project Type	Kitsap Transit Capital Projects (KC)
Owner Agency	Kitsap Transit
Partner Agencies	City of Bremerton
Relationship to Other Projects	-
Location	Gorst
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$24,200,000

*Source: Kitsap Transit Long Range Plan



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Located in areas that will reduce traffic volumes through Gorst • Kitsap Transit LRP assumes 270 parking stalls at the proposed Tremont Park and Ride and 250 parking stalls at the proposed Puget Sound Industrial Area Park and Ride. JCTP study suggests a demand for 1,150 parking stalls south of Bremerton.
Project Benefits	<ul style="list-style-type: none"> • Encourages mode shift to transit • Captures portion of vehicles travelling into downtown, reducing travel time, travel time reliability, and mobility for vehicles and transit downtown
Project Issues and Risks	<ul style="list-style-type: none"> • Cost • Additional mitigation may be required to address environmental impacts not evaluated in this study
Notes	<ul style="list-style-type: none"> • 1,795 vehicles (26 percent of total inbound vehicles) are forecasted to travel from south of Bremerton along Charleston Blvd (SR 304) during the Year 2050 AM peak hour. • Smaller scale park and rides in mixed use settings may be more cost efficient and provide a safer environment than large scale dedicated park and ride lots

Phase KP-1

Project Description

Improve NBK-BR/Kitsap Transit Worker Driver Bus program by using technology and active management to optimize routes and by adding "late" routes and/or alternative shift routes

Project Code	CTR11
Project Type	Kitsap Transit Policy Projects (KP)
Owner Agency	Kitsap Transit
Partner Agencies	NBR-BR
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Technology could be utilized to optimize routes
Project Benefits	<ul style="list-style-type: none"> • Encourages mode shift to transit
Project Issues and Risks	<ul style="list-style-type: none"> • Availability of drivers and fleet
Notes	<ul style="list-style-type: none"> • Consider adding routes to shorten overall route time. Many survey respondents cited time as a reason why they do not utilize the worker driver bus program. Consider capping route length/time to 30-45 minutes

Phase KP-2

Project Description

Study increased foot-ferry capacity between Bremerton and Port Orchard to align with Kitsap Transit's Long Range Transit Plan

Project Code	CTR12
Project Type	Kitsap Transit Policy Projects (KP)
Owner Agency	Kitsap Transit
Partner Agencies	City of Bremerton, City of Port Orchard
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> Encourages mode shift to transit JCTP identified foot-ferry from Port Orchard as an efficient commute option that could reduce commute times by avoiding Gorst congestion Provides resilient connection between North and South Kitsap
Project Issues and Risks	<ul style="list-style-type: none"> Need to consider changes to Kitsap foot ferry frequency to accommodate higher demand. Need to consider transit frequency, transit routes, and park and rides to support foot ferry
Notes	

Phase KP-3

Project Description

Reduced fare and regular bus passes. Reduced fare based on income

Project Code	CTR4
Project Type	Kitsap Transit Policy Projects (KP)
Owner Agency	Kitsap Transit
Partner Agencies	-
Relationship to Other Projects	With incentives to ride transit as part of project CTR3
Location	-
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> • Encourages mode shift to transit
Project Issues and Risks	<ul style="list-style-type: none"> • Kitsap Transit operations are funded by fares
Notes	

Phase KP-4

Project Description

Shuttle service between park and rides and downtown Bremerton (regular bus route with high frequency)	
Project Code	T8
Project Type	Kitsap Transit Policy Projects (KP)
Owner Agency	Kitsap Transit
Partner Agencies	NBK-BR
Relationship to Other Projects	With new park and rides (PC6, PC4, PC3)
Location	Bremerton
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> • Encourages mode shift to transit • Consistent with Kitsap Transit long-range planning efforts • Project would likely improve travel time, travel time reliability, and mobility for transit
Project Issues and Risks	<ul style="list-style-type: none"> • Availability of drivers and fleet
Notes	<ul style="list-style-type: none"> • Many survey respondents cited difficulty accessing vehicle in case of emergency (such as a child that needs to be picked up from school) as a reason why they do not utilize park and rides

Phase KP-5

Project Description

More bus routes and greater frequency (10-15 minute headways) to NBK-BR, including early morning and late evening routes

Project Code	T6
Project Type	Kitsap Transit Policy Projects (KP)
Owner Agency	Kitsap Transit
Partner Agencies	NBK-BR
Relationship to Other Projects	-
Location	Bremerton
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> Encourages mode shift to transit Project would likely improve travel time, travel time reliability, and mobility for transit
Project Issues and Risks	<ul style="list-style-type: none"> Availability of drivers and fleet
Notes	

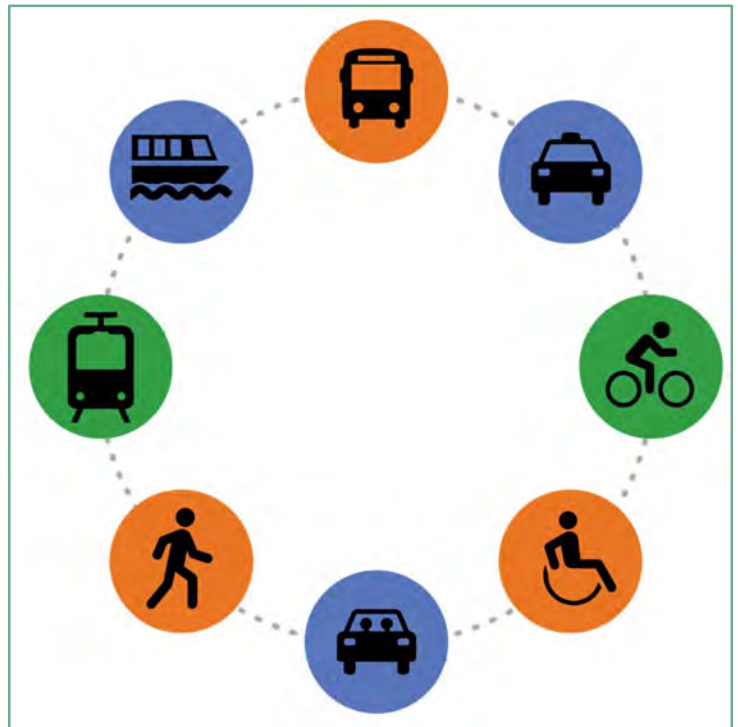
Phase KP-6

Project Description

Establish a transportation management association. This is typically a non-profit established as a public/private partnership with funding primarily from major employers. Funding is used to support expansion of commuter transportation options

Project Code	PM3
Project Type	Kitsap Transit Policy Projects (KP)
Owner Agency	Kitsap Transit
Partner Agencies	City of Bremerton, NBK-BR, Port of Bremerton, WSDOT
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$500,000

*Cost in 2022 dollars



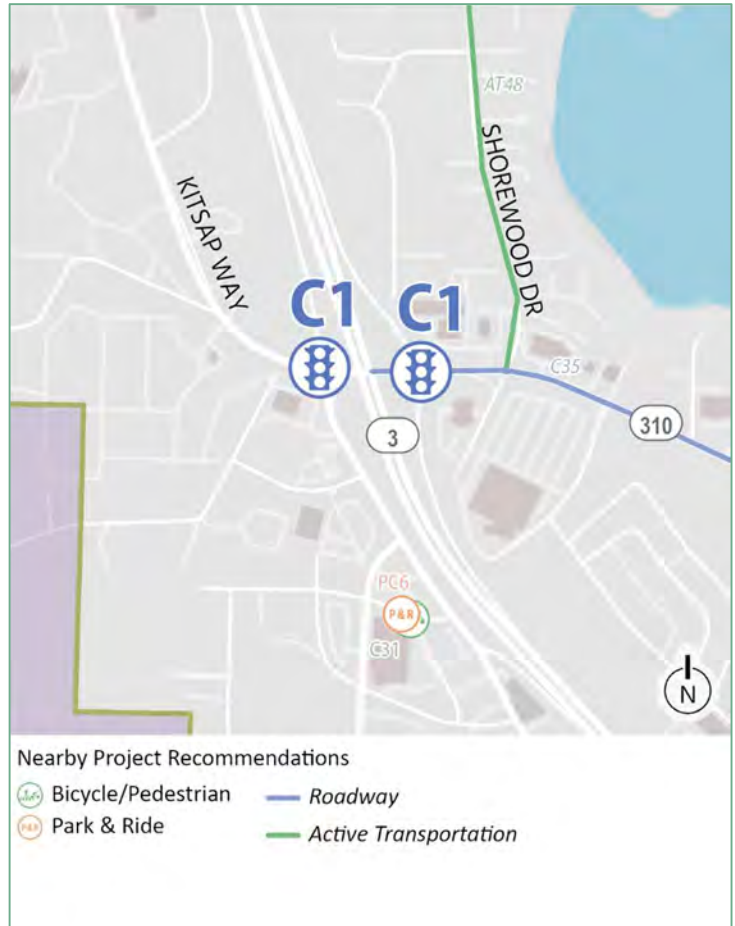
Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • Cost estimate includes startup costs and operations for at least a year, including two staff members, and office space. As a member of the TMA, the City could contribute ongoing funding (perhaps using parking revenue), but the TMA should be self-funding through its multiple partnerships and serve as a standalone organization. Major employers could also provide seed funding. • Requires convening potential partners to discuss interest, coordination, and funding potential. The TMA will require involvement from NBK-Bremerton, transit agencies, and major institutions and employers to be successful
Project Benefits	<ul style="list-style-type: none"> • Coordination between public and private entities that have significant transportation demand. The TMA would provide incentives for expanding transportation options that reduce impacts on the system and on neighborhoods in Bremerton. • Coordination with NBK-BR to promote transportation options and inform workforce of available benefits like the guaranteed ride home
Project Issues and Risks	<ul style="list-style-type: none"> • Requires coordination and agreement among several entities with significant seed money to startup costs and initial programs
Notes	<ul style="list-style-type: none"> • Recommend following these implementation steps: <ul style="list-style-type: none"> ○ Convene a workgroup of potential TMA partners including the city, major employers and institutions, the chamber of commerce, transit agencies, and community organizations to develop a framework for implementation

Phase WC-1

Project Description

Build intersection improvements at SR 3/Kitsap Way as recommended by the West Kitsap Way study	
Project Code	C1
Project Type	Washington State Capital Projects (WC)
Owner Agency	WSDOT
Partner Agencies	City of Bremerton
Relationship to Other Projects	-
Location	Bremerton
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate	Refer to West Kitsap Way Planning Study



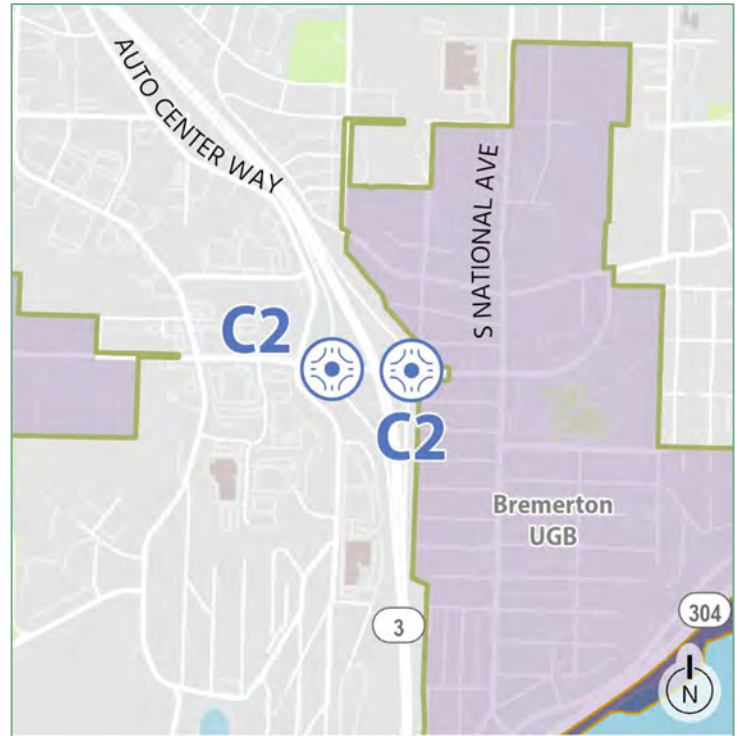
Project Attributes

Project Assumptions	<ul style="list-style-type: none"> No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> Intersection improvements would likely improve travel time, travel time reliability, and mobility by reducing intersection delay for vehicles and transit
Project Issues and Risks	<ul style="list-style-type: none"> No major issues or risks identified at this time
Notes	<ul style="list-style-type: none"> Project will be documented in West Kitsap Way Planning Study (City of Bremerton)

Phase WC-2

Project Description	
Convert stop sign and signals at SR 3/W Loxie Eagans Blvd interchange to roundabouts	
Project Code	C2
Project Type	Washington State Capital Projects (WC)
Owner Agency	WSDOT
Partner Agencies	City of Bremerton
Relationship to Other Projects	-
Location	Bremerton
Project Length	-
Recommended Implementation Time Frame	6-20 years
Cost Estimate*	\$13,700,000

*Cost in 2022 dollars and includes 50% contingency, 30% PE, and 30% CM



Project Attributes	
Project Assumptions	<ul style="list-style-type: none"> No project assumptions identified at this time
Project Benefits	<ul style="list-style-type: none"> Roundabouts reduce crash severity, improve pedestrian safety, and provide a sustainable solution for traffic control Project would likely improve travel time, travel time reliability, and mobility by reducing intersection delay for vehicles and transit
Project Issues and Risks	<ul style="list-style-type: none"> Impacts to right-of-way Public education required Cost Moderate traffic interruption during construction Additional mitigation may be required to address environmental impacts not evaluated in this study
Notes	<ul style="list-style-type: none"> Design should support and include all City of Bremerton active transportation planning improvements

Phase WP-1

Project Description

Better enforcement of HOV lanes

Project Code	O6
Project Type	Washington State Policy Projects (WP)
Owner Agency	Washington State Patrol
Partner Agencies	City of Bremerton
Relationship to Other Projects	-
Location	-
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> • HOV lane on SR 304 west bound
Project Benefits	<ul style="list-style-type: none"> • Encourages mode shift to HOV by providing clearer benefit for vehicles in HOV lane compared to SOV lanes
Project Issues and Risks	<ul style="list-style-type: none"> • Requires ongoing enforcement
Notes	<ul style="list-style-type: none"> • If additional HOV lanes are considered with the Gorst project, enforcement needs should be considered with design of the lanes (i.e. a place for Traffic Enforcement Officers to stage)

Phase WP-2

Project Description

Support planning efforts for SR 3 in Gorst	
Project Code	AT14
Project Type	Washington State Policy Projects (WP)
Owner Agency	WSDOT
Partner Agencies	City of Bremerton, NBK-BR, Kitsap County, Port of Bremerton, Port Orchard
Relationship to Other Projects	-
Location	Gorst
Project Length	-
Recommended Implementation Time Frame	< 6 years
Cost Estimate	TBD



Project Attributes

Project Assumptions	<ul style="list-style-type: none"> Gorst plan should incorporate a bicycle and pedestrian trail that would be 12 feet wide and not coincide with the roadway. Some level of buffer between the road edge and trail would be necessary.
Project Benefits	<ul style="list-style-type: none"> SR 3 is critical to transportation in Kitsap County and is a nationally important freight corridor. It's function is of critical importance to the mission of NBK-BR Currently SR 3 is a barrier for active transportation between Bremerton (and points north) and South Kitsap.
Project Issues and Risks	<ul style="list-style-type: none"> Cost
Notes	<ul style="list-style-type: none"> City can provided supportive language for future grant applications

**Published for
December 20
Council Meeting**

ITEM 6A – Public Comments

From: Jane Rebelowski <Jane.Rebelowski@ci.bremerton.wa.us>
Sent: Tuesday, December 19, 2023 6:58 PM
To: City Council <City.Council@ci.bremerton.wa.us>
Cc: Katie Ketterer <Katie.Ketterer@ci.bremerton.wa.us>
Subject: Resolution 3369

Fellow Councilors;

Please consider a modification to Resolution 3369, Approval of Joint Compatibility Transportation Plan (JCTP). I and other members of the community have concerns over the adoption of the prioritization from the 303 Corridor Study (appendix O) which was never approved by the Bremerton City Council, into the JCTP.

This appears to be the only area in the JTCP that adopts priorities from another study. The community should have the opportunity to re-prioritize all projects as a part of the Transportation Element of the 2024 Comprehensive Plan.

On page 8-4 of the JCTP, table 8-1 update language for project CC-13 strike the second part (after hyphen) to read "Build projects proposed in the SR-303 Corridor Study (City of Bremerton 2021)", ~~prioritize capacity projects including roundabouts and BAT lane.~~

Thank you for your consideration,

Jane Rebelowski

Sent from my iPad

From: Anna Mockler <Anna.Mockler@ci.bremerton.wa.us>
Sent: Wednesday, December 20, 2023 3:30 PM
To: City Council <City.Council@ci.bremerton.wa.us>; Katie Ketterer <Katie.Ketterer@ci.bremerton.wa.us>
Subject: JCTP Suggested Changes

Good afternoon, Katie and Council.

I totally applaud the study's choice of the preferred alternative. The goal of promoting walkable, bikeable Bremerton really will increase livability. These are the only changes I propose:

1. Eliminate adaptive signals -- costly, labor-intensive to maintain, used only to decrease travel times, per WSDOT (scroll down to Key Characteristics for the short skinny) <https://tsmowa.org/category/intelligent-transportation-systems/adaptive-signals-coordination-integration-timing>. The National Assn of City Transportation Officials recommends standard traffic signals at set, regular intervals for pedestrians and cyclists.
2. Detail how performance will be assessed on all metrics. We can't tell if it's working if we don't have a method to assess defined, achievable goals.
3. Spell out what projects in SR303 Corridor Study will be included in the JCTP. I support Councilor Rebelowski's comment that this study, which was never approved by Council, needs to be fully explained to us and to the people of Bremerton whom we serve. Its inclusion of roundabouts doesn't support the JCTP's commitment to active transportation -- roundabouts are more dangerous for walkers and bikers than standard intersections.

Katie Ketterer said that removing adaptive signals would require significant reworking of the JCTP, which is super regrettable. However, I don't see how COB can meet the high costs of adaptive signals, and associated staffing, or why we should focus so much time, energy, and money on a small decrease in travel times. Making single-occupancy-vehicle use easier does not encourage active transportation.

Thank you for considering these changes,
Anna

Anna Mockler
Bremerton City Councilor, District Six
Chair, Public Works and Audit Committees

Council President Coughlin and Council members Chamberlin, Frey, Rebelowski, Goodnow, Mockler and Younger,

Thank you for this opportunity to speak to you about the JCTP. The bike community is excited about the overarching theme of livability in this document and the belief we can invest in Bremerton for Bremertonians and honor the transportation needs of our City's largest employer, the Navy.

Tonight you are receiving testimony on the JCTP, which the bike community strongly supports. The JCTP plan needs to align with the SR 303 Corridor study, and the 2024 update of the Active Transportation plan, formerly the 2007 non-motorized plan. All three transportation plans, if aligned in format and integrated, will provide a clear strategy for future councils.

WSCC supports language adjustment on page 8-4 of the JCTP, in Table 8-1. to read, "**Build projects proposed in SR 303 Corridor Study (City of Bremerton 2021)**", and deleting the words: "~~prioritize capacity projects including roundabouts and BAT lanes.~~"

No other phase or project in the JCTP prioritizes past plans. Public Works' prioritization of the SR 303 Corridor projects is already out of date (an example is Almira Drive SRTS grant).

In 2024, the SR 303 Corridor project list needs to be clarified, adjusted and prioritized *by Council* to fit into the JCTP's framework of short, medium, and long term project timelines. We're strong believers in all of the city's transportation plans being aligned: the JCTP, SR 303 Corridor, *and* the updated 2007 non-motorized plan, (now the Active Transportation plan).

Deleting the words ~~prioritize capacity projects including roundabouts and BAT lanes~~ in Cell CC-13 defers any past plan adjustments until 2024, when Council can more holistically integrate *all* of the City's transportation plans.

Thank you.

Dianne Iverson and Paul Dutky
Bremerton, WA 98312

From: dianne iverson <diverson1950@gmail.com>
Sent: Wednesday, December 20, 2023 3:32 PM
To: City Council <City.Council@ci.bremerton.wa.us>
Subject: JCTP testimony

**Published for
December 13
Study Session**

ITEM A7 – Public Comments

From: Nicholas Whelan <linkskywalker14@gmail.com>
Sent: Thursday, December 7, 2023 1:26 PM
To: City Council <City.Council@ci.bremerton.wa.us>
Subject: Joint Compatibility Transportation Plan Pedestrian Concern

As part of any improvements made to Wheaton Way/SR303, I hope the pedestrian infrastructure between Sheridan Rd and the Warren Avenue Bridge can be addressed.

This small stretch of road is dangerously hostile to pedestrians. Yet it has significant pedestrian infrastructure on either side of it. A relatively small investment of resources could have an outsized impact on making Bremerton a safer place to walk, which would help reduce car traffic between Easter Bremerton and the navy yard.

Regards,
Nicholas Whelan

**Published for
December 20
Council Meeting**

Item 3 – Mayor’s Report

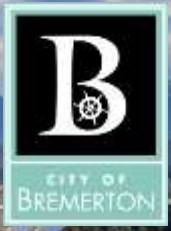


MAYOR'S REPORT

December 20, 2023

BREMERTON
WASHINGTON

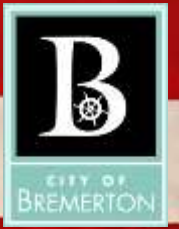




U.S. Navy Recognition

- Mayor Wheeler was presented with an Oar by a group of Navy Chief Selects to recognize the City's support of the Navy
- The Oar represents "rowing together" to support the Navy and Navy families
- The Chief Selects selected the Oar instead of a plaque as a token of their appreciation

Relayed by the Office of Naval Base Kitsap Commanding Officer Captain John Hale



Recognition and Gratitude

As we celebrate the season, we want to share our appreciation with all our active-duty military here and overseas, our civilian defense workers and our veterans for your dedication and commitment to protecting our national security.

Thank you for all you do for Bremerton and our great nation.

Happy Holidays!



Salvation Army Appreciation

Happy Holidays to our partners at the Salvation Army in Bremerton!

Thank you for providing shelter to support people in need in our community. Without the Salvation Army's help, we would have people without a warm place to sleep and on the streets this holiday season.





Best Wishes for a Happy Holiday Season

The holidays are a special time when we enjoy the spirit of the season, connect, and care for one another. Let us cherish the values we hold dear and encourage hope, compassion, tolerance and acceptance for all across our community.

From my family to yours, I send goodwill and cheer to all our residents and wish you a joyous holiday season!

**Published for
December 20
Council Meeting**

Item 7 – Council Reports

District Six Council Report





FREE
JOB TRAINING & EDUCATION
MADE POSSIBLE WITH YOUR GENEROSITY

KITSAP JOB TRAINING AND EDUCATION

4209 WHEATON WAY, BREMERTON, WA, 98310 | 360.373.3692 | EVERGREENGOODWILL.ORG

REGISTRATION: DECEMBER 12 – DECEMBER 28
(MONDAY THROUGH THURSDAY 9AM – 3PM)

CLASS SCHEDULE: JAN 2 – FEB 22, 2024

Computers / Digital Literacy

Computer Basics / Keyboarding	M, W	9:15 am – 11:15 am	Dan	In-Person
Microsoft Excel & Google Sheets	T, TH	4:00 pm – 5:30 pm	Dan	Hybrid

English as a Second or Other Language (ESOL)

Citizenship Preparation	M, W	1:00 pm – 2:30 pm	Vasilika	Online
ESOL Basic	T, TH	9:15 am – 11:15 am	Vasilika	In-Person
ESOL Level 1	T, TH	1:00 pm – 2:30 pm	Vasilika	Hybrid

GED / High School Completion & Beyond

GED / General	T, TH	11:30 am – 1:00 pm	Dan	Hybrid
GED / Math Focus	M, W	2:00 pm – 4:00 pm	Dan	Hybrid
Customer Service Essentials	M, W	4:00 pm – 5:30 pm	Vasilika	Hybrid

SUPPORT SERVICES: MICHELLE, CASE MANAGER 360-373-3692

If you need help with basic needs like rent or getting glasses, our Case Manger can help connect you to resources to meet your basic needs.

EMPLOYMENT SERVICES: RAYMOND, EMPLOYMENT SPECIALIST 360-373-3692

If you need help getting ready to job search and need interview practice, resume writing, or online job searching our Employment Specialist can help ensure you are ready to work.



DISTRICT SIX TOWNHALL

*Presented by Anna Mockler
Bremerton City Councilor, District Six*

What are your hopes and concerns? Talk to your City Councilor

**What Council did last month
and
What they'll look at soon**

Every Second Monday, 4-6pm
100 Oyster Bay Ave N (Bremerton Public Works)
Questions? Email Anna.Mockler@ci.bremerton.wa.us

2024 Dates

January 8, February 12, March 11
April 8, May 13, June 10
July 8, August 12, September 9
October 14, November 11, December 9





Report from District 2 Representative

Denise Frey

December 20, 2023



**District 2 Tour
November 2023**

**An important step in the
process to update the
City's Comprehensive
Plan in 2024**

**The 20 Year
Plan that
Guides it All –
Vision, Goals,
Policies**

CITY CENTERS District 2 has 3!



Eastside Village – Redevelopment/Park Improvement/Multi-Modal Path/Sheridan Village Business Hub/HOUSING



Sheridan/Wheaton - Redevelopment of BSD Site/Transit Center/Business Development along the SR303 Corridor/Multi-Modal Path/Integration of Density



Riddell/Wheaton - Regional Population-Auto Dependence/Integration of Active Transportation including Multi-Modal Path



COUNCIL DISTRICT 3

Jeff Coughlin



2023 City Council Goals & Priorities

Green = In-Progress

Transportation	Advancing Equity	Environmental Stewardship	Staffing
<ul style="list-style-type: none"> <input type="checkbox"/> Complete a Sidewalk Plan <input checked="" type="checkbox"/> Review and update the Non-Motorized Transportation Plan <input type="checkbox"/> Develop a policy for bicycle and scooter sharing programs <input type="checkbox"/> Identify additional funding for residential street maintenance and restoration 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Draft ordinance to create permanent Race Equity / DEI Commission <input checked="" type="checkbox"/> Hire a consultant to assist Council in defining the roles and responsibilities of the city DEI Position 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Secure dedicated sustainable funding for Parks Capital Improvements <input checked="" type="checkbox"/> Continue support of Kitsap Lake Water Quality Program <input type="checkbox"/> Develop policies that encourage environmental stewardship <input type="checkbox"/> Support the planning and development of a trail system through Bremerton 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Review Charter section on City Auditor <input checked="" type="checkbox"/> Review and Update Auditor staffing level
Economic Development	Public Safety and Support	Affordable Housing	Communication
<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Continue to support Western Washington Small Business Development Center <input checked="" type="checkbox"/> Ensure BE\$T program is funded <input checked="" type="checkbox"/> Support ArtsWA Creative Arts District designation <input checked="" type="checkbox"/> Provide ~\$25k funding for more public art <input type="checkbox"/> Continue to support incentives and secure additional funding for redevelopment of Wheaton Way Corridor and Charleston District <input type="checkbox"/> Work with GKC, KEDA, etc. to send a survey to local registered businesses. 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Draft and consider ordinance prohibiting controlled substance use in public <input checked="" type="checkbox"/> Update ordinance on prohibition of camping in public <input type="checkbox"/> Explore creation of a City Health & Human Services Coordinator position <input checked="" type="checkbox"/> Consider ballot initiative for property tax levy to fund 17 additional Emergency Services FTEs 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Identify funding for community organizations to develop more Affordable Housing <input checked="" type="checkbox"/> Identify and increase funding for rental assistance and weatherization <input checked="" type="checkbox"/> Continue implementing recommended actions of March 2020 Affordable Housing Recommendations Report <input type="checkbox"/> Create incentives for "Missing Middle" housing creation (e.g., ADUs, cottage, duplex/triplexes) <input checked="" type="checkbox"/> Identify empty City buildings and properties for housing 	<ul style="list-style-type: none"> <input type="checkbox"/> Hold District Meetings on Comprehensive Plan <input checked="" type="checkbox"/> Look for opportunities to implement changes that encourage civic engagement <input type="checkbox"/> Re-establish outreach program with Bremerton High School Youth Advisory Council <input checked="" type="checkbox"/> Craft Elected Official Social Media Guidelines <input type="checkbox"/> Craft proposal of a City Communications Position