CITY OF LYNDEN

PUBLIC WORKS DEPARTMENT Main Number: (360) 354-3446



Public Works Committee Meeting Agenda

Microsoft Teams Virtual Meeting City Hall - 300 Fourth Street 4:00 PM March 03, 2021

Call to Order

Action Items

- **1.** Approve Minutes from February 3, 2021
- 2. Recommendation to Forward Bid for Foxtail Street Extension to March 17, 2021 City **Council Meeting for Award**

Bids for Foxtail Street are due March 4, 2021. Staff is requesting authorization to forward the bids to the March 15th City Council meeting for bid award after notifying the Public Works Committee of the bids received.

Staff is coordinating utilities with Puget Sound Energy and Cascade Natural Gas.

3. Request for Crosswalk - Northwood at Brome Street - Paul Skinner (2109 Ninebark Street)

Information Items

- 4. Draft Six Year Transportation Improvement Plan (2022-2027)
- 5. 7th Street Parking Lot Issues

1) Direct Access into Parking Lot - Door and Landing on West Side of Mural Building 2) Seasonal Outdoor Dining Using Parking Lot

6. On Call Contracts in Place for Water and Sewer Evaluations of New Large Development

1) Northwood Road Plats - Water Pressure

- 2) Industrial Development Water Supply Needs and Sewer Flow and Loading
- 7. Requirement to Connect to Sewer

Kamm Road Properties

8. Lynden Fire Station Street and Sidewalk Repair and ADA Compliance

City is going to replace sidewalk on the North and East sides of the Fire Station and repair the damage caused by tree roots on Liberty Streets. New sidewalk and ramps will meet current ADA standards. Street trees will be replaced with English Hornbeams (also at City Hall) with appropriate root barrier. City street funds to be used?

Project Funding Application (STBG - Surface Transportation Block Grant)
 Intersection Improvements for 3rd and 1st Streets on Main Street and possible concrete to
 handle heavy freight.

10. Puget Sound Energy Electrical Extension on Main Street West of Guide Meridian

11. FEMA Reimbursement Estimate for WWTP Outfall Replacement Due to Flooding Jan/Feb 2020

The Federal share of the WWTP Outfall riparian zone re-planting project reimbursement is 75% (\$84,671.19). The project is currently under final FEMA review.

<u>12.</u> Advanced Arterial Intersection Signage

13. PROJECT - Pepin Update

1) Main Street Bridge - 2022 construction due to lead time on materials. Finalizing Type, Size and Location Study

- 2) Erdmann Property Hazardous Materials Assessment and Demolition Estimate
- 3) New Exhibit Showing Project Elements

14. PROJECT - Guide Meridian Pump Station

SEPA and Whatcom County Land Disturbance permits in process. Coordinating with commercial property owner for easements and property acquisition. Developing the assessment reimbursement area for future Committee and Council approval.

Adjournment

Next Meeting: April 7, 2021

CITY OF LYNDEN

PUBLIC WORKS DEPARTMENT 360-354-3446



PUBLIC WORKS COMMITTEE MINUTES

4:00 PM February 3, 2021 Microsoft Teams Virtual Meeting City Hall 2nd Floor Large Conference Room

1. ROLL CALL

Members Present:	Mayor Scott Korthuis; Councilors Gary Bode, Ron De Valois, Jerry Kuiken
Staff Present:	City Administrator Mike Martin; Public Works Director Steve Banham, Programs Manager Mark Sandal, Sr. Admin. Assistant Miriam Kentner
Public Present:	Gary Vis, Tom Perkow, Laura McLaughlin, Derek Pell, Dave Olson, Ron Hansen

2. ACTION ITEMS

A. Proposed Revision to Lynden Municipal Code - Water Project Design Standards Banham presented the proposed revisions to Chapter 13.08 of the Lynden Municipal Code as a result of adopting the 2021 Engineering and Development Design Standards on December 21, 2020.

At the City Council meeting on February 1, staff set a Public Hearing of February 16 to review comments on the Code changes.

<u>Action</u>

The Public Works Committee concurred and recommended approval of the proposed revisions to Lynden Municipal Code Chapter 13.08 by City Council at the February 16 regular meeting.

B. Recommendation to City Council to Award Bid for Public Works Shop -Stormwater Decant Facility

Bids for the Stormwater Decant Facility were opened on January 28, 2021. There was a total of ten bidders. Colacurcio Brothers Construction Company, Inc is the lowest responsive and responsible bidder with a bid of \$1,188,649.94 including Washington State Sales Tax. The engineer's estimate was \$1,278,867.02 (including sales tax). *Action*

The Public Works Committee concurred to recommend that City Council award the bid for the Stormwater Decant Facility to Colacurcio Brothers

C. Water Service to Kon Tree Aire Apartments

The State Department of Health has asked the City, in the interest of public health, to supply water to Kon Tree Aire Apartments on Birch Bay Lynden Road. Kon Tree Aire Apartments' water system is currently contaminated with nitrates and other agriculture byproducts and under a consent decree with the Department of Health. The Department

of Ecology has recommended the City apply for a temporary change of use for 20-acre feet of the 70-acre feet EDB water right based on OCPI (overriding considerations of public interest). The City would be reimbursed by Kon Tree Aire Apartments for all its costs. Representatives of the Department of Ecology has also met with tribal officials, explained Dave Olson, who represents Kon Tree. **Action**

The Public Works Committee concurred to recommend that staff proceed with an application to Ecology that would add the Kon Tree Aire Apartments as a temporary user of the EDB water right and as an outside City limits customer.

D. 17th Street Latecomer Deed Notices

Staff is seeking a recommendation from the Committee to forward the Notices of Assessment for city sidewalk improvements and for water and sewer utility improvements to Council. The costs assessed would be due at the time of development. *Action*

The Public Works Committee concurred to recommend forwarding the 17th Street Latecomer Deed Notices to City Council for approval.

3. INFORMATION ITEMS

A. 7th Street Parking Lot issues

1) Fire Exit Door – Mural Building

Ron Hanson, owner of the Mural Building at 610 Front Street is asking for approval to install a five-foot exit door in the wall displaying the Mural on 7th Street. This exit door is required because Mr. Hanson is planning to remodel the first floor of the building into a restaurant. Mr. Hanson stated that his architect has identified that a second egress is required to meet building code, for the type of commercial remodel he is planning. He is proposing a door would need to open on to a five-foot-wide landing to satisfy current fire access and egress codes. The Committee supported trying to find a viable solution that would allow the remodeling to meet code requirements. Staff suggested that the original agreement for use of the parking lot and the no-build easement would need to be reviewed to determine how best to address this required access. The Committee also expressed concern that the access door be coordinated carefully with the mural so that it blends into the mural. Mr. Hanson indicated that he is working closely with the mural painters.

2) Temporary Seasonal Outdoor Seating in Parking Lot

Hanson also asked for temporary use on an "on trial basis" to set up tables for dining (about 3 parking spaces) in the parking lot at 7th Street on weekends (Friday night thru Sunday night) in July and August 2022. Bode expressed concern that the use of the public parking lot could set a precedent. Vis stated he would like to make sure it does not impact the Northwest Raspberry Festival that usually occurs in mid-July. It was mentioned that this would require a Special Event Permit.

Hanson also mentioned he will be joining a future Community Development Committee meeting to discuss the plans and seek their input as well.

3) Power supply panel access

Staff indicated that the power supply panel to the 7th Street parking lot (for lighting and event use) is located next to the Mural building at the northernmost parking space. The panel installation meets code requirements, but there is the possibility

that a car's bumper could hit the panel. Sandal suggested a bollard could be installed in front of the Power Supply Pole for safety reasons. The Committee discussed whether a bollard or wheel stop would be best and ended up settling on the bollard.

B. 2020 Public Works Accomplishments

Banham briefly presented the 2020 Public Works Accomplishments, noting that 2020 was a very productive year, despite COVID-19 limitations.

C. DOE Grants

- 1) Banham presented the grant agreement for the Managed Aquifer Recovery Storage project (\$4.7M to be used through 2025) and is planning to bring the finalized agreement to the Mayor for signature. The Committee noted that this one of the largest if not the largest grant received by the City in its history.
- 2) Banham also noted that the City is on the draft list with the Department of Ecology to receive stormwater grant funding for two other City projects if approved by the state legislature during the 2021 session: Judson Street LID Phase 1 8th Street and alley between 7th and 9th (\$214,986 Loan / \$644,959 Grant \$859,945 Total
- 3) NWWA Fairgrounds Stormwater Low Impact Development (\$660,224 Grant)

D. PROJECT – Industrial Condensate Pipeline, Including CIPP and Manholes

Banham has stated that the permit is still on hold waiting for additional signatures.

E. PROJECT – Jim Kaemingk Trail - Depot to 8th Street

The Committee discussed the Jim Kaemingk Trail and staff is continuing to work on design, land acquisition and on preparing application materials for SEPA and shoreline permits for this trail extension.

F. PROJECT – Guide Meridian Pump Station

Banham stated that staff is meeting with property owners to discuss the easements required for this area. The 90% design submittal is expected soon. Staff is also coordinated with the Planning Department and the City Attorney on the developer agreement with the Stuits that will be coming to City Council, which includes connection easements to connect to this new pump station.

G. PROJECT – Foxtail Street Extension

The plat has been approved, which dedicated the right-of-way to the City. Staff is working on a latecomer agreement for cost reimbursement for curb, gutter, sidewalk, sewer, and water, similar to the 17th Street latecomer agreement. Banham stated this project is scheduled to go out to bid on February 17, 2021 with bids due on March 4. The intent is to award the bid at the March 15, 2021 City Council meeting.

NEW BUSINESS

1. Vactor Waste Renewal Option with City of Bellingham

Banham advised the Committee that a renewal memorandum to the Interlocal Agreement with the City of Bellingham for the use of their Vactor Waste Facility will be brought to the next City Council meeting which extends this as an option for vactor waste disposal through December 31, 2021.

<u>Action</u>

The Public Works Committee concurred to recommend to the City Council approval of the City of Bellingham Interlocal agreement (#2016-0221) extending the rates for use of their Vactor Waste Facility through December 31, 2021.

2. Covid-19 Reporting information

Vis brought up the Covid-19 reporting information and how the data is being shared. The committee encouraged the Mayor and the Chamber of Commerce to provide current wastewater testing results and to promote community safety.

The meeting was adjourned at 5:28 p.m.

Crosswalk Request – Northwood Road at Brome Street



City of Lynden **2022 - 2027** Six Year Transportation Improvement Program

			In Priority Order												
			Keyed to Map		2 2	2 7	52	∑ Fundi	Funding Sources (\$ in thousands)						
	Project	Description	Termini	Phase	2022	202	202		State	TIB	Federal	Total	Map Ref. #		
1	Main Street Bridge Pepin Lite Concept	Bridge and approaches	Main Street over relocated Pepin Creek (Double Ditch)	PE Const	x			400	<i>DOC</i> 2,800			400 2,800	2.b		
2	Pine Street Bridge Pepin Lite Concept	Pedestrian Bridge and approaches	Pine Street over relocated Pepin Creek (Double Ditch) Development Mitigation Project	PE Const	X	x		421 2,387				421 2,387	2.e		
3	Pepin Creek Main Stem Pepin Lite Concept	Upstream (Pepin Lite) Phased Relocation	Main Street to East/West Creek Corridor Development Mitigation Project	PE Const	x	×		421 8,136	DOE 500 DOE? 2,800			921 10,936	2.a		
4	East/West Pepin Creek Corridor Pepin Lite Concept	Upstream (Pepin Lite) Phased Relocation	North end of Pepin Main Stem to Double Ditch Road <i>Development Mitigation Project</i>	PE Const	x		>	151 < 1,508				151 1,508	2.a		
5	Double Ditch Road Improvements	City Standard Arterlal Street (40') Construct Cross-Culvert to the North and redirect Pepin Creek into new channel (prerequiste)	Main Street to City Limits (Pepin Parkway) Connect to Future Pepin Parkway Include Water & Sewer Trunk Lines Development Mitigation Project	PE Const		×		581				581 5,231	2.c		
6	Pepin Parkway Bridge		On Pepin Parkway over the relocated Pepin Creek <i>Development Mitigation Project</i>	PE Const		×		265 < 2,386				265 2,386	2.f		
7	Pepin Parkway Arterial	Pepin Parkway Arterial (Center Median Stormwater) No direct access (Pepin Lite)	Benson Road to Double Ditch	PE Const			>	K 588 K 5,294				588 5,294	2.f		
8	Benson Road	City Arterial with no Direct Access Widen to the west to avoid ditch on east. Pedestrian on west side - possible 10' separated trail	Sunrise Drive to Badger Road Connect to Future Pepin Parkway Construction Development Dependent	PE Const		×		478 < 4,306				478 4,306	3		
9	Kaemingk Trail Extension - Depot to 8th Street		North 8th Street to Depot Road and 8th Street to Main	PE 2021 Const	X			400	DOC? 1200			0 1,600	16		
10	Judson Area Streets - Low Impact Development	Stormwater Low Impact Developement Ecology Stormwater Grants Phased Construction (Grant Dependent), Utility Fund Match	8th, 9th and 10th Streets between Front and Judson and Judson from 10th to 7th	PE Const	X X	x x	; >	50 < 650	120 1,950			170 2,600	17		
11	South Park Street	Grind & Overlay Waterline Replacement	Depot Road to North Park	Const	X			1,300				1,300	5		

City of Lynden **2022 - 2027** Six Year Transportation Improvement Program In Priority Order

			In Priority Order Keyed to Map		2 2	3 4	25 -	Fundi	ng Sources	s (\$ in thous	ands)		Мар
	Project	Description	Termini	Phase	202	202	2025 2027	Local	State	TIB	Federal	Total	Ref. #
40	Cedar Drive Street & Utility Improvements	Replace Sewer and Repair Road	Depot Road to 124 E Cedar	PE	x	×		110				110	
12		Sewer Utility Fund Project		Const	>	<		1,100				1,100	18
10	Main Street Corridor Completion	Reconstruct Street & Roundabout at Berthusen	Intersection at Berthusen Road east 0.5 miles	PE 2021				125				125	-
13		WSDOT STBG Grant Funds (WCOG)		Const	X	<		1,000			800	1,800	
14	Tromp Road	Upgrade to Full City Standard	Front Street north to Alderwood (ROW), then west to Curt Maberry	PE			X	100				100	Q
14		Planning Purposes Only CEDS project		Const			х	1,000				1,000	J
15	Bradley Road Pedestrian Improvements	Sidewalk	Vinup Road to Line Road	PE			х	22		82		104	•
15		Applying for 2021 TIB Funds (TIB = 82%)		Const			Х	720		328		1,048	9
16	Line Road	Upgrade to Full City Standard	Aaron to Badger Road	PE			х	50				50	10
10		Planning Purposes Only		Const			Х	1,500				1,500	
17	Historic Business District Street Reconstruction	Street Reconstruction Planning Purposes	3rd and 6th Streets between Front Street & Grover Street	PE			х	35				35	6
18	Northwood Road	Upgrade to Full City Std Planning Purposes Only	South City limits to Badger	PE			x	70				70	12
19	Kamm Road	Upgrade to Full City Standard Planning Purposes Only	Line Road to Northwood	PE			х	70				70	13
20	4th Street	Upgrade to Full City Standard Planning Purposes Only	Grover Street to Judson St	PE			x	10				10	14
21	E. Badger (SR-546) Intersection w/ City Arterials	Channelization/Roundabout & Lighting Planning Purposes Only	Intersections at Line Rd (RAB), Vinup Rd, & Benson Rd (RAB)	PE			х	500	WSDOT 500			1,000	15
22	Judson Street Alley	Widen and Reconstruct Relocate Utility Poles CEDS project	3rd Street to 7th Street	ROW/PE			x	50				50	19
23	Front Street (West) Arterial	Upgrade to Full Arterial City Standard	Duffner Drive to Tromp Road west of Guide Meridian	PE 2021	-			50				50	20
20		Street: \$2,600,000 Utilities: \$700,000		Const			Х	3,300				3,300	
24	Kaemingk Trail Extension - 17th to Dickinson Park	Paved Trail w/ 2 Bridges 2019 Parks & Trails Bond	17th Street to existing Ridgecreek Trail	PE	X			200				200	21
24				Const	>			2,500				2,500	

City of Lynden **2022 - 2027** Six Year Transportation Improvement Program

			In Priority Order	-									
			Keyed to Map		2 22	54	25.	Fundir	ng Sources	s (\$ in thousa	ands)		Мар
	Project	Description	Termini	Phase	<mark>2022</mark> 2023	203	203	Local	State	TIB	Federal	Total	Ref. #
25	Arterial Maintenance Overlays Classified Routes	Grind and Overlay w/ ADA Upgrades	Birch Bay Lynden Rd, Vinup Rd, Front St Intersections: Main & 3rd, Main & 1st,	Const			Х	4,500				4,500	22 (a-e)
26	Intersection Repairs and ADA Upgrades Classified Routes	Replace Asphalt w/ Concrete, ADA Upgrades	Birch Bay Lynden Rd, Vinup Rd, Front St Intersections: Main & 3rd, Main & 1st,	Const			Х	4,500				4,500	22 (а-е)
27	Wayfinding Signage	City Implementation of County-wide Program	Various Arterial Roadway Locations	Const			Х	150				150	NA
28	Miscellaneous Chip Seal/Maintenance	Miscellaneous Streets Chip seals	Various Locations	Const	x x	X	Х	200				200	NA
29	Non-Motorized Facilities	Non-Motorized Facilities/ADA Sidewalks	Various Locations	Const	x x	X	Х	50				50	NA
				TOTAL				\$56,865	\$9,870	\$410	\$800	\$67,945]

Street Project Funding Matrix

	FUNDING PROGRAMS:			FUNDING PROGRAMS:				FUNDING PROGRAMS:					WCOG County TIB E						Ecology	Port	WSDOT	PV	NTF			L	Local (Matching) Funds			
		ſ	λ	atus	te	STP-R	TAP (Bike/Ped)	EDI	UAP (Arterial)	SP (Sidewalk)	APP (Pavement)	Storm WQ (LID)	Small Cities	Active Trans.	Emergency /Predesign	Construction	oper	\$550K	\$200K											
			Priority	Design Status	Fed Route	86.5 %	arants	50% grant & 1%. 20 yr	(80% grant	,	1.5%, 20 yr		86.5% grant	0.78%, 5 yr 1.56% 20yr		Developer	163	302	011	401	405	410							
STREET DESCRIPTION	Cost Estimate	Note	Ē	Desi	Fe	Fall, eve	ery 3 yrs	Anytime		August		Oct	Feb		3/22/2018	???		TBD	Arterial	Streets	Water	Sewer	Storm							
Bradley Road ¹ (Vinup to Line)	#REF!		Υ		Y	?				?								Х	Х											
Line Road (Bradley to Badger)	#REF!	A			Y	?					?							Х	Х											
17th Street Extension (to Main)	#REF!				Ν	?												Х	Х	?	?	Х								
7th Street (Judson to Grover)	#REF!	А	Υ		Y						\$750,000							Х	Х	?	?	?	x							
W. Main Street (Guide to Berthusen)	#REF!				Y	Ongoing		Х										Х	Х											
W. Front Street (Guide to Tromp)	??		Υ		Ν			Х			?		Pending					Х	Х											
Tromp Road ² (BBL to Main)	#REF!				Ν	NA	NA	Х			?						2	Х	Х	NA	NA	NA								
4th Street (Judson Alley to Grover)	??				Ν	NA	NA		NA	NA	NA		Ongoing				80%	Х	х											
Drayton Street (to Depot)	#REF!				Ν	NA	NA		NA	NA	NA							Х	Х											
Kamm Road (Line to Northwood)	\$ 3,200,000	в			Y													Х	Х											
Northwood Road ³ (Kamm to Badger)	\$ 4,700,000	в			Y						?							Х	Х											
Benson Road ⁴ (Main to Badger)	\$ 7,020,000	в			Y													Х	Х											
Double Ditch Road ⁴ (Main to City Limits)	\$ 1,710,000	в			Y													Х	Х											
Residential Streets	-	-							-			-		-	-															
Cedar Street (Depot to dead end)						\times	\succ	\succ	\succ	\succ	\succ	?		\succ			NA	Х	\ge	Х		Х	Х							
Judson Street (8th to 10th)						Х	\ge	\succ	\succ	\succ	\succ	Offer Pending		\succ			NA	Х	\succ	Х										
South Park Street (Depot to W.Park)						\succ	\succ	\succ	\triangleright	\triangleright	\succ			\succ			NA	Х	\succ	Х	Х									
Meadow Lane						\ge	\bowtie	\succ	\bowtie	\succ	\succ			\succ			NA	Х	\succ	Х	?	?	?							
Bonanza Dr./Cessna St./Piper St.						\ge	\bowtie	\succ	\bowtie	\succ	\succ	?		\succ			NA	Х	\bowtie	Х	?	?	?							

Notes:

¹ Possibly use TIB Sidewalk (SP) Funds to construct pedestrian improvements

 $^{\rm 2}$ Tromp from W. Front Street to the north is Developer Constructed

³ Consider using TIB APP funding to resurface until full City Standard at later date.

⁴ Consider Phasing

^A Needs to be Revised

^B Estimates from 2016 Transportation Plan Update 2017

7th Street Parking Lot



🔟 Stats / Summary 🗙

Project Brief Description

Severe rainfall in and around Whatcom County from the period of January 20th, 2020 to February 10th, 2020, resulted in a significant rise in rivers waters throughout the area, specifically with the Nooksack River. The City of Lynden (Applicant) Wastewater Treatment Plant (WWTP) experienced significant damage to their outfall, levee/dike system, and riparian zone adjacent to the WWTP that had just completed a total restoration in November 2019.

For additional information, please review the "Brief Description" uploaded to GM in the project documents.

Project S	ummary	Cost Su	immary		Process Summary						
# DAMAGES	1	APPROX. COST	\$170,750.00	SE	ENT TO APPL. DATE	February 23, 2021					
# RFIS	0	CRC GROSS COST	\$112,894.92	A	APPL. SIGNED DATE	February 24, 2021					
# RFIS (ACTIVE)	0	CRC NET COST	\$112,894.92								
		FEDERAL SHARE (75.00%)	\$84,671.19								
		NON-FEDERAL SHARE (25.00%)	\$28,223.73								

Todd,

I'm sorry that you took my response the way you did. That was certainly not my intent. You are welcome to attend a PW committee meeting if you would like to have your thoughts heard there. We don't want our citizens to give up. Our next Committee meeting is scheduled for Wednesday March 3rd at 4pm. These meetings are hybrid (in-person or Microsoft Teams). Let me know if you're interested and will get you on the agenda.

Steve Banham, P.E.

Public Works Director

City of Lynden, 300 4th Street, Lynden, WA 98264

Office: (360) 354-3446 <> Direct: (360) 255-5512 <> Cell: (360) 815-5728 <> Email: <u>banhams@lyndenwa.org</u> <> website: <u>www.lyndenwa.org</u> My incoming and outgoing email messages are subject to public disclosure requirements

From: G Todd Williams < gtoddwilliams@yahoo.com >

Sent: Tuesday, February 23, 2021 12:30 PM

It appears you are responding with policy rather than simply taking a safety suggestion from a citizen. I guess that means people will continue to jam on their brakes at night as these unmarked intersections. I'm disappointed this suggestion was killed with no input to the committee.

This is why citizens give up. Not even a thank you. Just policy even when the rules state it's OK. Todd

On Tue, Feb 23, 2021 at 12:11 PM, Steve Banham <<u>BanhamS@LYNDENWA.ORG</u>> wrote:

Todd,

Thanks for the photo. The Manual of Uniform Traffic Control Devices (MUTCD) identifies these signs (W2-1) but does not provide specific guidance other than to apply engineering judgement. My observation is that these signs are most often used when motorist are at speeds of 35mph or greater. This accounts for human reaction times and recognizes the need for advance notification. They are also b used in limited sight distance applications (i.e. horizontal or vertical curvature in the road). In my engineering judgement since the locations you've mentioned do not meet either of these conditions they really are not warranted. This is consistent with the guidance below provided through (https://toolkits.ite.org) that tends to support my conclusion:

Intersection Warning Signs and Plaques

As described in <u>Section 2C.46</u>, there are several variations of the Intersection Warning sign to address a variety of intersection configurations. The Cross Road (W2-1) symbol, Side Road (W2-2 and W2-3) symbol, and Y-Symbol (W2-5) signs may be used in advance of the intersection to indicate the presence of an intersection and the possibility of turning or entering traffic. These signs are optional and are intended for the major road traffic that has the right-of-way. If the side roads are not opposite of each other, the Offset Side Roads (W2-7) symbol sign should be used instead of the Cross Road symbol sign. If the side roads on the same side are closely spaced, the Double Side Roads (W2-8) symbol sign should be used instead of the Side Road symbol sign.

The T-Symbol (W2-4) sign is applicable for warning of a T-intersection for traffic approaching from the stem and controlled by a STOP or YIELD sign. The Circular Intersection (W2-6) symbol sign may be installed in advance of a circular intersection and can have a ROUNDABOUT (W16-17P) or TRAFFIC CIRCLE (W16-12P) plaque mounted below the sign.

The MUTCD does not require these warning signs and does not provide any guidance as to when they should be considered. Limited visibility to or a perceived lack of awareness of the intersection and a history of crashes at an intersection would be justifications for the use of Intersection Warning signs.

Advance Street Name Plaques

The Advance Street Name (<u>W16-8 or W16-8aP</u>) plaque may be used with any Intersection Warning sign or Advance Traffic Control sign. Such plaques are used to "*provide road users with advance information to identify the name*(s) of the next intersecting street to prepare for crossing traffic and to facilitate timely deceleration and/or lane changing in preparation for a turn" (see Section 2C.58). Although their use at

unsignalized intersections is not required by the MUTCD, Advance Street Name plaques can be helpful unfamiliar drivers, especially at unsignalized intersections with exclusive turn lanes.

If we were to see any of these intersections start to have more accidents that might be a reason to consider adding these signs.

That said, I know that there has been some interested in placing wayfinding signage in some of these locations. I think the Hampton Road and 17th and 19th major arterials are potential candidate as they have had the old red and blue wayfinding signs in the past directing people to the particular attractions or public services.

Steve Banham, P.E. Public Works Director

From: G Todd Williams <<u>gtoddwilliams@yahoo.com</u>> Sent: Monday, February 22, 2021 5:04 PM



I was thinking of yellow signs like the county uses. But just the road sign is all I'm suggesting. People here know yellow means the next intersection.

I'm not suggesting 100 of these. Maybe 3-6 intersections like the crucial ones I mentioned below. Thanks,

Todd

