



AGENDA

INFRASTRUCTURE COMMITTEE

October 14, 2021 at 10:00 AM

Call to Order

Approval of Minutes

- [1.](#) Minutes, September 9, 2021

Public Comment

Old Business

New Business

2. Derelict Houses
- [3.](#) Water/Sewer CIP Review
4. Paving Update
5. Additional paving for current year

City Manager Comments

Adjournment

City of Tybee Island
Infrastructure Committee
September 9, 2021

Shawn Gillen called the meeting to order at 10:00AM. Those in attendance were George Shaw, Barry Brown, Peter Gulbranson, and Monty Parks

Barry Brown made a motion to approve the minutes from August 12, 2021. **George Shaw** seconded. Vote was unanimous to approve.

On-going Projects Update

Peter Gulbranson approached the Committee to give the following updates:

- South-end Parking Lots
 - Paving will start and there is notice on the website and other social media
- Clarifier
 - Is out for bids and pre-bid meeting has been scheduled and bids will be open on October 5, 2021.
- South-end bathrooms
 - The bid is out and there is a mandatory pre-bid meeting on September 22, 2021. The bids will be opened on October 12, 2021.
- Paving
 - Paving is being done on the south-end and paving is scheduled for DPW lot
- Gas pumps
 - They have been ordered and when they are received they will be installed. Dr. Gillen stated there will be a budget amendment at an upcoming City Council meeting to have money transferred for payment of the gas pumps.

Mr. Gulbranson continued, currently staff is finishing miscellaneous storm sewer work. They are also awaiting pipe and other supplies to complete other projects on 5th Avenue and 4th and Miller.

Mr. Brown asked for an update on derelict houses. Dr. Gillen stated they were inadvertently omitted from the agenda but will be included in the future. He does not have an update at this point but will have by next meeting. Dr. Gillen made reference to the property at Meddin and Van Horne. Mr. Shaw stated the property has not been sold, permits have not been applied for and when last spoke to owners, it is their intent to tear the house down. SGT Hattrich gave an update on the tear down as the owners are trying to secure a company for the teardown.

Dr. Gillen asked Mr. Gulbranson to give an update on the bathroom at the screened pavilion in Memorial Park. Mr. Gulbranson stated it was before by Mayor and Council for discussion only and will be on the agenda for the upcoming City Council meeting. At that time a decision will need to be made as to a budget amendment moving forward.

Mr. Parks asked for an update on the Marine Science Center. Mr. Gulbranson stated the punch list has been completed and the landscaping has begun to include the planting of grasses, installation of concrete benches and placement of shells. He will do another meeting with Maria to sign-off on the punch list.

Dr. Gillen stated Salt Meadows was on a recent City Council agenda and he is trying to get pricing. Mr. Hughes is working on a signed cost share with the Leonard's. Once this is received, Mr. Gulbranson will move forward with the bid process.

Mr. Parks asked for an update on Marsh Hen Trail. Mr. Gulbranson stated he will be meeting with DNR to present a plan. It was determined the elevated board walk will be detrimental to the maintenance lines that run along the Marsh Hen Trail. He would like to propose to DNR to use gravel the entire length from Teresa Lane to Lazzaretto Bridge. Dale Williams approached the Committee. Mr. Williams reported the Marsh Hen Trail is blocked just past the natural bridge with trees and debris. He is willing to remove the trees with the permission of the City. Mr. Williams stated what is needed is a place from the natural bridge back to the sidewalk at Byers for crossing Highway 80. Mr. Gulbranson responded the plan was to widen the bike lane to 8' from Teresa to natural bridge.

Barry Brown recommended there be a 12' ramp at Alley 3. Mr. Gulbranson stated he will get the turn-around cleaned out as it is covered with sand. He will also restripe the turn-around and lanes. Dale Williams approached. He stated the issue is how to create the most efficient access for all users. His opinion is most locals know how to get in and out on non-busy days and his recommendation is to create better efficiency in the area which will benefit everyone. Dr. Gillen summarized the discussion for moving forward: (1) new striping and signage for people when they ingress and egress; (2) repairing of the existing ramp and making more stable; and (3) policy for use. He stated this will be included on the next agenda.

George Shaw gave a brief update on the Hazard Mitigation Grant Program. Mr. Shaw stated the grant was awarded two (2) years ago for twelve homes. Three (3) have completed the work from the grant point of view; two (2) are in progress; one (1) has submitted plans; four (4) have expressed interest but have not taken action; and two (2) withdrew.

Being there was no further business, **Barry Brown** made a motion to adjourn. **George Shaw** seconded. Vote was unanimous to adjourn.

Jan Leviner, MMC
Clerk of Council

YEARLY TOTAL		\$207,500	\$2,640,500	\$2,520,500	\$2,300,500	\$16,720,500	\$16,470,500	\$40,860,000
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PROJECT	PROJ #	FY2020 7/1/19 - 6/30/20	FY2021 7/1/20 - 6/30/21	FY2022 7/1/21 - 6/30/22	FY2023 7/1/22 - 6/30/23	FY2024 7/1/23 - 6/30/24	FY2025 7/1/24 - 6/30/25	TOTAL EST COST
REHABILITATION OF CLARIFIERS	2021 - 013		\$600,000 CLARIFIER #1	\$600,000 CLARIFIER #2				\$1,200,000
RAISE WELL HOUSES ABOVE FLOOD PLAIN	2021 - 014		\$300,000 WELL HOUSE #1	\$300,000 WELL HOUSE #2	\$300,000 WELL HOUSE #3			\$900,000
REPLACEMENT OF FAILING SANITARY MAINS - 1% OF SEWERS PER YEAR (AS DETERMINED BY TELEVISIONING & EMERGENCIES)	2021 - 015		\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
MODULAR BUILDING FOR NEW LAB	2021-016		\$48,000 INITIAL \$30K LEASE \$18K	\$18,000 LEASE	\$18,000 LEASE	\$18,000 LEASE	\$18,000 LEASE	\$120,000
BUILDING MAINTENANCE - FLOORS, ROOF, DESKS, ETC.	2021 - 017		\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
ELECTRICAL UPDATE AT WWTP & MAINTENANCE	2021 - 018		\$30,000	\$10,000	\$10,000	\$10,000	\$10,000	\$70,000
UPGRADE SCADA SYSTEM AND MAINTENANCE	2021 - 019		\$25,000	\$5,000	\$5,000	\$5,000	\$5,000	\$45,000
REPLACE ULTRA-VIOLET BULBS FOR FINAL DISINFECTION	2021 - 020		\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
GEO-THINQ SOFTWARE (SYSTEM MAPPING), GPS SURVEY OF STRUCTURES AND VALVES, OBTAIN INVERTS	2021 - 021		\$45,000 SURVEY \$33K SOFTWARE LICENSING \$12K	\$45,000 SURVEY \$33K SOFTWARE LICENSING \$12K	\$25,000 SURVEY \$13K SOFTWARE LICENSING \$12K	\$12,000 SOFTWARE LICENSING \$12K	\$12,000 SOFTWARE LICENSING \$12K	\$139,000
BAR SCREEN, COMINATOR, AND CHOPPER BLADE IN HEADWORKS BUILDING	2021 - 022		\$200,000					\$200,000
REPLACE SANITARY FORCEMAINS	2021 - 023		\$75,000 F.M. #10	\$125,000 F.M. #5	\$175,000 F.M. #2	\$500,000 F.M. #1		\$875,000
REPLACE/REPAIR LIFT STATIONS	2021 - 024		\$250,000 L.S. #3 (ADD CAPACITY)	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
VEHICLES AND EQUIPMENT	N/A		\$22,500 EQUIPMENT \$15K MULE \$7.5K	\$15,000 EQUIPMENT \$15K	\$15,000 EQUIPMENT \$15K	\$60,000 EQUIPMENT \$15K TRUCK \$45K	\$60,000 EQUIPMENT \$15K TRUCK \$45K	\$172,500
PORTABLE PUMP FOR WWTP	2022 - 001			\$50,000				\$50,000
WATER TOWER CONTRACTS (MAINTENANCE & PAINTING)	2020 - 007	\$40,000	\$40,000	\$40,000	\$40,000	\$290,000 PAINT TOWER \$250K MAINTENANCE \$40K	\$40,000	\$490,000
WWTP - REUSE WATER SYSTEM	2022 - 002			\$100,000				\$100,000
NEW VAC CON TRUCK	2023- 003				\$400,000			\$400,000
15% MATCH FOR LIFT STATION GENERATORS AND PUMPS	2020 - 008	\$65,000						\$65,000
15% MATCH FOR LIFT STORM SHUTTERS	2020 - 002	\$2,500						\$2,500
ODOR CONTROL FOR WWTP & LIFT STATIONS	2021 - 025		\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$62,500
NEW CONVEYOR FOR SLUDGE PRESS	2023 - 001				\$30,000			\$30,000
NEW 480 VOLT GENERATOR FOR WWTP	2023 - 002				\$100,000			\$100,000
MISCELLANEOUS WATER REPAIRS (MAINTENANCE & BREAKS)	2020 - 019	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
CONSTRUCT NEW DEEP WATER WELL	2024 - 001					\$15,000,000	\$15,000,000	\$30,000,000

* From Fund Balance		\$207,500	\$1,157,500	\$2,250,500	\$2,200,500	\$17,020,500	\$16,470,500	\$6,470,500	\$45,777,500
PROJECT	PROJ #	FY2020	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	TOTAL EST COST
		7/1/19 - 6/30/20	7/1/20 - 6/30/21	7/1/21 - 6/30/22	7/1/22 - 6/30/23	7/1/23 - 6/30/24	7/1/24 - 6/30/25	7/1/25 - 6/3-/26	
REHABILITATION OF CLARIFIERS	2021 - 013		\$500,000 Lowered \$100K - Take From Fund Balance	\$500,000 CLARIFIER #2					\$1,000,000
RAISE WELL HOUSES ABOVE FLOOD PLAIN	2021 - 014			\$300,000 WELL HOUSE #1	\$300,000 WELL HOUSE #2	\$300,000 WELL HOUSE #3			\$900,000
REPLACEMENT OF FAILING SANITARY MAINS - 1% OF SEWERS PER YEAR (AS DETERMINED BY TELEVISIONING & EMERGENCIES)	2021 - 015		\$275,000 Lowered \$400K - Fort Screven Area Only - Take from fund balance	\$650,000	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,675,000
MODULAR BUILDING FOR NEW LAB	2021-016		\$0 Removed from Budget	\$48,000 INITIAL \$30K LEASE \$18K	\$18,000 LEASE	\$18,000 LEASE	\$18,000 LEASE	\$18,000 LEASE	\$120,000
BUILDING MAINTENANCE - FLOORS, ROOF, DESKS, ETC.	2021 - 017		\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
ELECTRICAL UPDATE AT WWTP & MAINTENANCE	2021 - 018		\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
UPGRADE SCADA SYSTEM AND MAINTENANCE	2021 - 019		\$15,000 Lowered \$15K	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$40,000
REPLACE ULTRA-VIOLET BULBS FOR FINAL DISINFECTION	2021 - 020		\$0 In Operating Budget	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
GEO-THINQ SOFTWARE (SYSTEM MAPPING), GPS SURVEY OF STRUCTURES AND VALVES, OBTAIN INVERTS	2021 - 021		\$45,000 SURVEY \$33K SOFTWARE LICENSING \$12K	\$45,000 SURVEY \$33K SOFTWARE LICENSING \$12K	\$25,000 SURVEY \$13K SOFTWARE LICENSING \$12K	\$12,000 SOFTWARE LICENSING \$12K	\$12,000 SOFTWARE LICENSING \$12K	\$12,000 SOFTWARE LICENSING \$12K	\$151,000
BAR SCREEN, COMINATOR, AND CHOPPER BLADE IN HEADWORKS BUILDING	2021 - 022		\$100,000 Removed from Budget	\$100,000	\$100,000				\$300,000
REPLACE SANITARY FORCEMAINS	2021 - 023			\$75,000 F.M. #10	\$125,000 F.M. #5	\$175,000 F.M. #2	\$500,000 F.M. #1		\$875,000
REPLACE/REPAIR LIFT STATIONS	2021 - 024		\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
VEHICLES AND EQUIPMENT	N/A		\$0	\$22,500 EQUIPMENT \$15K MULE \$7.5K	\$15,000 EQUIPMENT \$15K	\$60,000 EQUIPMENT \$15K TRUCK \$45K	\$60,000 EQUIPMENT \$15K TRUCK \$45K	\$60,000 EQUIPMENT \$15K TRUCK \$45K	\$217,500
PORTABLE PUMP FOR WWTP	2022 - 001			\$50,000					\$50,000
WATER TOWER CONTRACTS (MAINTENANCE & PAINTING)	2020 - 007	\$40,000	\$40,000	\$40,000	\$40,000	\$290,000 PAINT TOWER \$250K MAINTENANCE \$40K	\$40,000	\$40,000	\$530,000
WWTP - REUSE WATER SYSTEM	2022 - 002			\$100,000					\$100,000
NEW VAC CON TRUCK	2023 - 003				\$400,000				\$400,000
15% MATCH FOR LIFT STATION GENERATORS AND PUMPS	2020 - 008	\$65,000	\$64,000						\$129,000
15% MATCH FOR LIFT STORM SHUTTERS	2020 - 002	\$2,500	\$2,500						\$5,000
ODOR CONTROL FOR WWTP & LIFT STATIONS	2021 - 025		\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$75,000
NEW CONVEYOR FOR SLUDGE PRESS	2023 - 001				\$30,000				\$30,000
NEW 480 VOLT GENERATOR FOR WWTP	2023 - 002				\$100,000				\$100,000
MISCELLANEOUS WATER REPAIRS (MAINTENANCE & BREAKS)	2020 - 019	\$100,000	\$103,500 Took Bar Screen Money	\$150,000	\$150,000	\$100,000	\$100,000	\$100,000	\$803,500
CONSTRUCT NEW DEEP WATER WELL	2024 - 001					\$15,000,000	\$15,000,000	\$5,000,000	\$35,000,000

* From Fund Balance	\$207,500	\$1,157,500 \$832,058	\$2,452,500	\$2,432,500	\$17,002,500	\$16,452,500	\$6,452,500	\$46,157,500
PROJECT	FY2020 7/1/19 - 6/30/20	FY2021 7/1/20 - 6/30/21	FY2022 7/1/21 - 6/30/22	FY2023 7/1/22 - 6/30/23	FY2024 7/1/23 - 6/30/24	FY2025 7/1/24 - 6/30/25	FY2026 7/1/25 - 6/30/26	TOTAL EST COST
REHABILITATION OF CLARIFIERS		\$500,000 Lowered \$100K - Take From Fund Balance	\$500,000 CLARIFIER #2					\$1,000,000
RAISE WELL HOUSES ABOVE FLOOD PLAIN			\$300,000 WELL HOUSE #1	\$300,000 WELL HOUSE #2	\$300,000 WELL HOUSE #3			\$900,000
REPLACEMENT OF FAILING SANITARY MAINS - 1% OF SEWERS PER YEAR (AS DETERMINED BY TELEVISIONING & EMERGENCIES) - SEE LIST AND MAP		\$275,000 Lowered \$400K - Fort Screven Area Only - Take from fund balance	\$750,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,025,000
MODULAR BUILDING FOR NEW LAB		\$0 Removed from Budget	\$150,000					\$150,000
BUILDING MAINTENANCE - FLOORS, ROOF, DESKS, ETC.		\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
ELECTRICAL UPDATE AT WWTP & MAINTENANCE		\$0	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000
UPGRADE SCADA SYSTEM AND MAINTENANCE		\$15,000 Lowered \$15K	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$40,000
REPLACE ULTRA-VIOLET BULBS FOR FINAL DISINFECTION		\$0 In Operating Budget	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000
GEO-THINQ SOFTWARE (SYSTEM MAPPING), GPS SURVEY OF STRUCTURES AND VALVES, OBTAIN INVERTS		\$45,000 SURVEY \$33K SOFTWARE LICENSING \$12K	\$45,000 SURVEY \$33K SOFTWARE LICENSING \$12K	\$25,000 SURVEY \$13K SOFTWARE LICENSING \$12K	\$12,000 SOFTWARE LICENSING \$12K	\$12,000 SOFTWARE LICENSING \$12K	\$12,000 SOFTWARE LICENSING \$12K	\$151,000
BAR SCREEN, COMINATOR, AND CHOPPER BLADE IN HEADWORKS BUILDING		\$100,000 Removed from Budget	\$100,000	\$100,000				\$300,000
REPLACE SANITARY FORCEMAINS			\$75,000 F.M. #10	\$125,000 F.M. #5	\$175,000 F.M. #2	\$500,000 F.M. #1		\$875,000
REPLACE/REPAIR LIFT STATIONS		\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$1,250,000
VEHICLES AND EQUIPMENT		\$0	\$97,500 EQUIPMENT \$15K MULE \$7.5K CAMERA TRUCK \$75K	\$15,000 EQUIPMENT \$15K	\$60,000 EQUIPMENT \$15K TRUCK \$45K	\$60,000 EQUIPMENT \$15K TRUCK \$45K	\$140,000 EQUIPMENT \$15K BACKHOE \$125K	\$372,500
PORTABLE PUMP FOR WWTP			\$50,000					\$50,000
WATER TOWER CONTRACTS (MAINTENANCE & PAINTING)	\$40,000	\$40,000	\$40,000	\$40,000	\$290,000 PAINT TOWER \$250K MAINTENANCE \$40K	\$40,000	\$40,000	\$530,000
WWTP - REUSE WATER SYSTEM			\$100,000					\$100,000
NEW VAC CON TRUCK				\$400,000				\$400,000
15% MATCH FOR LIFT STATION GENERATORS AND PUMPS	\$65,000	\$64,000						\$129,000
15% MATCH FOR LIFT STORM SHUTTERS	\$2,500	\$2,500						\$5,000
ODOR CONTROL FOR WWTP & LIFT STATIONS		\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$12,500	\$75,000
NEW CONVEYOR FOR SLUDGE PRESS				\$30,000				\$30,000
NEW 480 VOLT GENERATOR FOR WWTP				\$100,000				\$100,000
MISCELLANEOUS WATER REPAIRS (MAINTENANCE & BREAKS)	\$100,000	\$103,500 Took Bar Screen Money	\$150,000	\$150,000	\$100,000	\$100,000	\$100,000	\$803,500
CONSTRUCT NEW DEEP WATER WELL					\$15,000,000	\$15,000,000	\$5,000,000	\$35,000,000

WATER LINES THAT NEED REPLACING
Location and Order of Priority
1. Silver Avenue - Butler Avenue to Strand Avenue
2. TS Chu - Butler Avenue to Strand Avenue
3. Atlantic Avenue - Bulter Avenue to 570 Feet East of Butler Avenue
4. 12th Terrace - Butler Avenue to 360 Feet East of Butler Avenue
5. 13th Place - Butler Avenue to 325 Feet East of Butler Avenue
6. 13th Terrace - Bulter Avenue to 280 East of Butler Avenue
7. 13th Lane - Butler Avenue to 590 Feet East of Butler Avenue
8. 14th Lane - Butler Avenue to 260 Feet East of Butler Avenue
9. 17th Place - Bulter Avenue to 690 Feet East of Butler Avenue
10. Laurel Avenue - McKenzie Avenue to Polk Street
11. Byers Street - USH 80 to Bay Street
12. USH 80 - Breezy Point Road to 200 Feet East of Mckenzie Avenue
13. Soda Rock Lane - McKenzie Avenue to 475 East of Mckenzie Avenue
14. Polk Street - USH 80 to Bay Street
15. Captains View 25 Laterals
16. Breezy Point Road - USH 80 to 870 South of USH 80
17. 14th Street - Jones Avenue to 5th Avenue
18. 13th Street - Jones Avenue to Venetian Drive
19. Miller Avenue - 12th Street to 15th Street
20. 15th Street - Butler Avene to Lovell Avenue
21. 3rd Street - Butler Avenue to Lovell Avenue
22. 5th Avenue - 12th Street to 13th Street
23. 6th Street - Horsepen Creek to Butler Avenue
24. 7th Avenue - Chatham Avenue to 12th Street
25. Jones Avenue - USH 8o to Solomon Avenue
26. Pulaski Street - Van Horn Avenue to Taylor Street
27. Dogwood Avenue - Peareood Avenue to Pulaski Street
TOTAL

PROPOSED	LENGTH	UNIT PRICE	ESTIMATE
YEAR IN CIP		PER FOOT	
FY 2021	680	\$100	\$68,000
FY 2021	690	\$100	\$69,000
FY 2022	570	\$100	\$57,000
FY 2022	360	\$100	\$36,000
FY 2022	325	\$100	\$32,500
FY 2022	280	\$100	\$28,000
FY 2022	590	\$100	\$59,000
FY 2023	260	\$100	\$26,000
FY 2023	690	\$100	\$69,000
FY 2023	1,075	\$100	\$107,500
FY 2024	445	\$100	\$44,500
FY 2024	1,165	\$100	\$116,500
FY 2024	475	\$100	\$47,500
FY 2025	1,560	\$100	\$156,000
FY 2025	25	\$2,500	\$62,500
FY 2026	870	\$100	\$87,000
FY 2026	560	\$100	\$56,000
FY 2027	1,125	\$100	\$112,500
27 2027	1,100	\$100	\$110,000
FY 2026	235	\$100	\$23,500
FY 2029	235	\$100	\$23,500
FY 20228	1,160	\$100	\$116,000
FY 2029	1,940	\$100	\$194,000
FY 2030	1,630	\$100	\$163,000
FY 2026	510	\$100	\$51,000
FY 2028	610	\$100	\$61,000
FY 2028	510	\$100	\$51,000
	19,675		\$2,027,500

Lump sum cost per lateral

\$137,000 FY 2021 TOTAL

\$212,500 FY2022 TOTAL

\$202,500 FY 2023 TOTAL

\$208,500 FY 2024 TOTAL

\$218,500 FY 2025 TOTAL

\$217,500 FY 2026 TOTAL

\$222,500 FY 2027 TOTAL

\$228,000 FY 2028 TOTAL

\$217,500 FY 2029 TOTAL

\$163,000 FY 2030 TOTAL

\$2,027,500 GRAND TOTAL

SEWER LINES THAT NEED REPLACING
Location and order of Priority
1. Meddin Drive - Gullick Street to Van Horn Avenue
2. Veterans Drive - Meddin Drive to Van Horn Avenue
3. Fort Avenue - Polk Street to Van Horn Avenue
4. Van Horn Avenue - North Campbell Street to Fort Avenue
5. Pulaski Street - Vamn Horn Avenue to Taylor Street
6. Dogwood Avenue - Paerwood Avenue to Pulaski Street
7. Officers Row - Rosewood Avenue to Cedarwood Avenue
8. 10th Street - Bulter Avenue to East End
9. 2nd Avenue - 11th Street to 12th Street
10. 9th Street - Butler Avenue to 2nd Avenue
11. Miller Avenue - 10th Street to 9th Street
12. City Hall to Lift Station 5
13. Strand Avenue - Lift Station 1 to 14th Street (Through Parking Lot)
14. 14th Street - Strand Avenue to Chatham Avenue
15. 18th Place - Bulter Avenue to 630 Feet East of Bulter Avenue
16. 18th Terrace - Butler Avenue to 615 Feet East of Butler Avenue
17. 7th Street - 300 Feet West of Miller Avenue to 600 Feet East of Bulter Avenue
18. TS Chu - Butler Avenue to Strand Avenue
19. Chatham Avenue - 19th Street to Venetian Avenue
TOTAL

PROPOSED	LENGTH	UNIT COST	ESTIMATE
YEAR IN CIP		PER FOOT	
FY 2022	1,545	\$300	\$463,500
FY 2022	505	\$300	\$151,500
FY 2022	1,225	\$300	\$367,500
FY 2023	2,120	\$300	\$636,000
FY2023	1,855	\$300	\$556,500
FY 2024	515	\$300	\$154,500
FY2024	1,115	\$300	\$334,500
FY 2024	585	\$300	\$175,500
FY 2024	550	\$300	\$165,000
FY 2024	1,510	\$300	\$453,000
FY2025	1,115	\$300	\$334,500
FY2025	340	\$300	\$102,000
FY2025	1,295	\$300	\$388,500
FY 2026	2,720	\$300	\$816,000
FY2026	630	\$300	\$189,000
FY2027	615	\$300	\$184,500
FY2027	1,860	\$300	\$558,000
FY2027	695	\$300	\$208,500
FY2028	3,710	\$300	\$1,113,000
	24,505		\$7,351,500

\$982,500 FY 2022 TO
 \$1,192,500 FY 2023 TO
 \$1,282,500 FY 2024 TO
 \$825,000 FY 2025 TO
 \$1,005,000 FY 2026 TO
 \$951,000 FY 2027 TO
 \$1,113,000 FY 2028 TO
 \$7,351,500 GRAND TO

TAL

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