



# City of Tukwila Transportation and Infrastructure Services Committee

- ❖ Verna Seal, Chair
- ❖ De'Sean Quinn
- ❖ Thomas McLeod

<b>Distribution:</b> V. Seal D. Quinn T. McLeod K. Kruller L. Humphrey H. Ponnekanti G. Labanara B. Still (email)	City Attorney (email) Clerk File Copy  Place pkt pdf on SharePoint Z Trans & Infra Agendas  email cover to: F. Ayala, A. Le, C. O'Flaherty, A. Youn, B. Saxton, S. Norris, L. Humphrey
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## AGENDA

**MONDAY, APRIL 26, 2021 – 5:30 PM**

**Virtual Meeting - Members of the public may listen by dialing 1-253-292-9750 and entering conference ID, 299274146#**

[Click here to join the meeting](#)

**6300 BUILDING, SUITE 100)**

Item	Recommended Action	Page
<b>1. PRESENTATIONS</b>		
<b>2. BUSINESS AGENDA</b>		
a) TCC Siding Repairs Phase III Contract Completion and Acceptance (H. Ancira)	Forward to the 05/03/21 Regular Consent Agenda	Pg. 1
b) APE Water Main Pavement Repair Project Contract Completion and Acceptance (S. Bates)	Forward to the 05/03/21 Regular Consent Agenda	Pg. 11
c) Neighborhood Traffic Calming Program Program Update (S. Bates)	Discussion only	Pg. 15
d) Sewer Lift Stations No. 4 & No. 12 Retrofit Bid Award (A. Altallal)	Forward to the 05/03/21 Regular Consent Agenda	Pg. 19
<b>3. MISCELLANEOUS</b>		
	<b>Future Agenda:</b>	
	<ul style="list-style-type: none"> <li>• 42<sup>nd</sup> Ave S Bridge Rplcmnt Update</li> <li>• BNSF Access Study</li> <li>• Sewer Lift Station No. 2 Bid Award</li> <li>• Tukwila Station Non-Motorized Grant Acceptance</li> </ul>	

**Next Scheduled Meeting: Monday, May 10, 2021**

The City of Tukwila strives to accommodate individuals with disabilities.  
Please contact the Public Works Department at **206-433-0179** for assistance.





## INFORMATIONAL MEMORANDUM

TO: **Transportation & Infrastructure Services Committee**  
 FROM: **Hari Ponnekanti, Public Works Director**  
 BY: **Cody-Lee Gray, Operations Manager**  
**Henry Ancira, Facilities Superintendent**  
 CC: **Mayor Allan Ekberg**  
 DATE: **April 23, 2021**  
 SUBJECT: **Tukwila Community Center - Siding Repairs Phase III**  
**Project No. 91630305, Contract No. 20-067**  
**Contract Completion and Acceptance**

### **ISSUE**

Accept contract as complete and authorize release of retainage.

### **BACKGROUND**

The Notice to Proceed for Contract No. 20-067 with Lake Washington Construction LLC was issued on August 11, 2020 for replacement and repairs, where necessary, for the siding on the Tukwila Community Center.

### **ANALYSIS**

Construction was physically completed on November 18, 2020. No change orders were issued during construction.

The budget for this contract was \$116,589.00 and the outstanding retainage amount is \$5,299.50.

Contract Award Amount	\$ 105,990.00
Sales Tax (at 10.0%)	<u>10,599.00</u>
Total Amount Paid (incl. retainage)	<u>\$ 116,589.00</u>

### **RECOMMENDATION**

Council is being asked for formal acceptance and retainage release authorization, subject to standard claim and lien release procedures, for the contract with Lake Washington Construction LLC in the amount of \$116,589.00 and consider this item on the Consent Agenda of the May 3, 2021 Regular Meeting.

Attachments: Photos  
Notice of Completion

## TCC Siding and Repair Photos















# Notice of Completion of Public Works Contract

Department Use Only	
Assigned to	Date Assigned

Date	Form Version	Revision Reason
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Awarding Agency Information			
Company Name		UBI Number	
Address	City	State	Zip Code
Contact Name	Phone Number	Email Address	

Prime Contractor Information			
Company Name		UBI Number	
Address	City	State	Zip Code
Contact Name	Phone Number	Email Address	

Project Information			
Project Name	Contract Number	Affidavit ID Number	
Jobsite Address	City	State	Zip Code
Date Awarded	Date Work Commenced	Date Work Completed	Date Work Accepted
Is this a Federally Funded Transportation Project? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, attach the Contract Bond Statement			
Have Subcontractors been used? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, complete Addendum A			
<input type="checkbox"/> Contract/Payment Bond Waived? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Retainage Bond Waived? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Detailed Description of Work Completed			

DOR Tax Information	
Calculated Amount .....	Liquidated Damages .....
Additions (+) .....	Amount Disbursed .....
Reductions (-) .....	Amount Retained .....
<b>Sub-Total</b> .....	Other .....
Sales Tax Amount .....	Sales Tax Rate .....
<b>Total</b> .....	<b>Total</b> .....
<b>Both totals must be equal - If multiple sales tax rates, attach a list</b>	

Apprentice Utilization Information	
Was apprentice utilization required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Engineer's Estimate:
Utilization %:	If utilization did not meet or exceed 15%, was a Good Faith Estimate approved? <input type="checkbox"/> Yes <input type="checkbox"/> No

Comments
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The Disbursing Officer must submit this completed notice immediately after acceptance of the work done under this contract. **No payment shall be made from the retained funds** until receipt of all release certificates and affidavits.

Complete and submit for by email to all three agencies below









## INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**  
FROM: **Hari Ponnekanti, Public Works Director**  
BY: **Scott Bates, Project Manager**  
CC: **Mayor Allan Ekberg**  
DATE: **April 23, 2021**  
SUBJECT: **Water Fund - Andover Park East Water Main Pavement Repair Project**  
**Project No. 92040102, Contract No 20-123**  
**Contract Completion and Acceptance**

### **ISSUE**

Accept contract as complete and authorize release of performance bond.

### **BACKGROUND**

The Notice to Proceed for Contract No. 20-123 with ICON Materials of Pacific, Washington was issued on December 14, 2020 for the Andover Park East Water Main Pavement Repair Project. This project provided permanent repairs to the roadway and driveways due to the 10" diameter water main failure on June 17, 2020.

### **ANALYSIS**

Construction was physically completed on February 4, 2021. The project budget for the Water Departments' construction was \$141,546.00 and included a 5% contingency, which was not utilized. Under-runs were primarily due to fewer quantities needed during the roadway excavation, haul, and repair phase of the project.

Construction Contract Amount	<b>\$ 141,546.00</b>
Additions/Change Orders	0.00
Under-runs	<u>(27,387.57)</u>
Total Amount Paid	<u><b>\$ 114,158.43</b></u>

### **RECOMMENDATION**

Council is being asked to formally accept and authorize the release of the performance bond, subject to standard claim and lien release procedures, for the Andover Park East Water Main Pavement Repair Project construction contract with ICON Materials in the final amount of \$114,158.43 and consider this item on the Consent Agenda at the May 3, 2021 Regular Meeting.

Attachment: Dept of Revenue Notice of Completion



# NOTICE OF COMPLETION OF PUBLIC WORKS CONTRACT

Department Use Only	
Assigned to:	Date Assigned:

Date 02/9/2021	Form Version Original	Revision Reason
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Awarding Agency Information		Prime Contractor Information	
Name TUKWILA, CITY OF	UBI 916001519	Name ICON MATERIALS	UBI 601006854
Address 6200 S CENTER BLVD TUKWILA,WA-98188		Address 1508 Valentine Ave SE Pacific, WA 98047	
Email Address scott.bates@tukwilawa.gov		Email Address mark.eichelberger@iconmaterials.com	
Contact Name Scott Bates	Phone 206-431-2193	Contact Name Mark Eichlberger	Phone 206-574-3902

Project Information			
Project Name 2020 Andover Park East Water Main Pavement Repair	Contract # 20-123	Affidavit ID 1106904	
Jobsite Address			
Date Awarded 11/11/2020	Date Work Commenced 01/4/2021	Date Work Completed 02/4/2021	Date Work Accepted 02/4/2021
Federally Funded Transportation Project <i>If yes, attach Contract Bond Statement.</i> <input type="checkbox"/>			
Bond Waived? 9358588	Retainage Waived?	Subcontractors Used? <i>If yes, complete Addendum A.</i> <input checked="" type="checkbox"/>	
Detailed Description of Work Completed Hot mix asphalt full depth reconstruction of Andover Park East to include sidewalks and driveways.			

DOR Tax Information			
<i>*Right-click on the total field and select Update Field to auto-calculate.</i>			
Contract Amount	\$141,546.00	Liquidated Damages	\$ 0.00
Additions (+)	\$ 0.00	Amount Disbursed	<b>\$114,158.43</b>
Reductions (-)	\$27,387.57	Amount Retained	\$ 0.00
<b>Sub-Total*</b>	<b>\$114,158.43</b>	Other	\$ 0.00
Sales Tax Amount	\$ 0.00	Sales Tax Rate <i>If multiple rates, attach a list.</i>	0.00%
<b>TOTAL*</b>	<b>\$114,158.43</b>	<b>TOTAL*</b>	<b>\$114,158.43</b>
<i>These two totals must be equal.</i>			

Apprentice Utilization Information	
Was Apprentice Utilization Required? <i>If yes, complete this entire section.</i> <input type="checkbox"/>	Engineer's Estimate \$ 0.00
Utilization %	Was a Good Faith Effort approved?

Comments

The Disbursing Officer must submit this completed notice immediately after acceptance of the work done under this contract. NO PAYMENT SHALL BE MADE FROM THE RETAINED FUNDS until receipt of all release certificates and affidavits. **Submitting Form:** Submit the completed form by email to all three agencies below.



**Addendum A: Please List all Subcontractors and Sub-tiers Below**

This addendum can be submitted in other formats.

Provide known affidavits at this time. **No L&I release will be granted until all affidavits are listed.**

<b>Subcontractor's Name:</b>	<b>UBI Number: (Required)</b>	<b>Affidavit ID*</b>
GROUND UP ROAD CONST INC	602790246	1109311
NORTHWEST CONCRETE	603572428	1109118
NORTHWEST TRAFFIC INC	602140049	1110769
O'BUNCO ENGINEERING INTL. INC.	602045762	1109117
TRANSPORTATION SYSTEMS INC	602726209	1109568





## INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**  
FROM: **Hari Ponnekanti, Public Works Director**  
BY: **Cyndy Knighton, Senior Program Manager**  
**Scott Bates, Traffic Engineering Project Manager**  
CC: **Mayor Ekberg**  
DATE: **April 23, 2021**  
SUBJECT: **2020 Neighborhood Traffic Calming Program Update**  
**Project No. 82010301**

### **ISSUE**

Provide a status update for the Neighborhood Traffic Calming Program (NTCP).

### **BACKGROUND**

The NTCP was adopted at the end of 2018 to address neighborhood concerns with traffic safety with an initial budget of \$400,000 per year. The Council wanted to ensure that traffic calming and safety decisions were based on technical engineering and applied in a uniform and consistent manner. With the funding challenges due to COVID-19, the available budget was reduced to approximately \$50,000 in 2020.

### **DISCUSSION**

Staff continues to collect requests for traffic calming treatments and other improvements in residential areas. Requests for calming treatments and other safety improvements are submitted to staff primarily through:

- Enrollment requests from the City’s website
- Email inquiries
- Phone calls
- Other Departments
- Elected officials

When the NTCP began in 2018, staff had a list of 22 requests. In 2019, a total of 60 individual requests for improvements were submitted, while only six were requested in 2020 and one to date in 2021. Currently, there are 28 issues that are either waiting for action, waiting for funding, or are reoccurring complaints that staff have left open for continued reference. Highlights of the 2020 NTCP include:

- 150 feet of guardrail along 54<sup>th</sup> Ave S
- One newly marked crosswalk with signs
- Traffic revision/ped path on 53<sup>rd</sup>/52<sup>nd</sup> Ave S
- 2 new LED stop signs
- One 2-way stop to all-way stop conversion
- One 1-way stop to all-way stop conversion
- 15 parking restriction/prohibition signs
- More features designed into 2021 Overlay

The 2020 on-call contract with KPG was extended through 2021 but with no additional budget. The KPG contract is to assist staff with engineering and other needs that support the NTCP Program. City staff time and resources have been utilized when possible, to save on the installation costs and to expedite work.

### **RECOMMENDATION**

Discussion only.

Attachments: 2021/2022 CIP Page 2  
2020 NTCP List of Accomplishments

# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** **Traffic Calming/Residential Safety Improvements** Project No. 8xx10301

**DESCRIPTION:** Programmatic approach to addressing neighborhood traffic concerns through a variety of methods. Residential street improvements with sidewalks, safety improvements, and bike facilities.

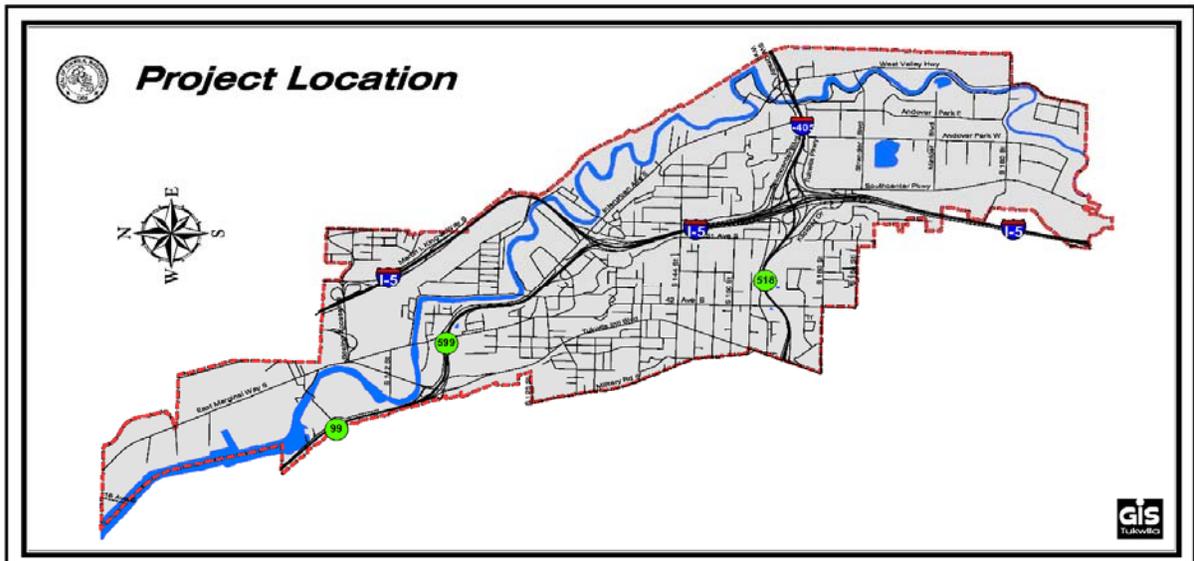
**JUSTIFICATION:** Neighborhood revitalization by improving residential streets.

**STATUS:** Future candidates are listed in the citywide comprehensive update and safety-based prioritization of residential street improvements, sidewalks, and bike lanes.

**MAINT. IMPACT:** Varies, depends on treatment(s) used.

**COMMENT:** Residential improvements and traffic calming features to reduce speeds and improve pedestrian and bicycle safety such as the speed cushions, RRFB crossings, LED enhanced signs, Radar driver feedback signs, etc.

FINANCIAL (in \$000's)	Through 2019	Estimated 2020	2021	2022	2023	2024	2025	2026	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	63	50								113
Land (R/W)										0
Const. Mgmt.	37									37
Construction	148	0								148
<b>TOTAL EXPENSES</b>	<b>248</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>298</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	248	50	0	0	0	0	0	0	0	298
<b>TOTAL SOURCES</b>	<b>248</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>298</b>



**2020 NTCP STATUS-UPDATE**  
**January 1, 2020 - April 15, 2021**

Location	Safety issue(s)	Requester	Status	Level	Complete?
<b>Rapid Rectangular Flashing Beacons</b>					
S.150th at 46th Ave S	Pedestrian crossing safety	Residents	Narrowed bulb -out RRFB crossing designed for 2021	2	7/1/2021
65th Ave S at Southcenter Blvd	Pedestrian crossing safety	Staff/Historical	Design drafted-Working with King County Metro/Bike	2	
<b>LED Enhanced Stop Signs</b>					
53rd Ave S at 52nd Ave S	Failure to obey stop sign	Residents	1 sign installed for NB	1	✓ 12/1/2020
S.170th at 53rd	Failure to obey stop sign	Tuk-Works	1 sign installed for WB	1	✓ 2/1/2020
<b>New Stop Signs Installed</b>					
56th Ave S at S.133rd	Speeding	Residents	2 stop signs installed for east/west with stop lines	1	✓ 2/1/2020
44th At S.140th St	Failure to yield ROW	Residents	New stop sign to be installed in 2021 Overlay project	1	7/1/2021
S.144th at 58th Ave S	Speeding	Residents	2 stop signs installed on N/S legs with stop/xwalk lines	1	✓ 2/1/2020
<b>Driver Speed Feedback Signs</b>					
Non-purchased or installed in 2020			No inventory stocked	1	
<b>Speed Cushions</b>					
None installed	Speeding		Inventory stocked	2	
<b>School Zones</b>					
S.144th School speed zone cams	School Zone safety	TSD/PD	Design/permits completed-installed soon	2	7/1/2021
<b>Miscellaneous</b>					
54th Ave S Guard rail	Steep Slope/no shoulder	Staff/Historical	New/revised guardrail installed w/2020 Overlay program	2	✓ 8/1/2020
53rd/52nd Traffic circulation revision	Pedestrian/Bicycle safety	Staff/Historical	Striping in 2020 by staff with ped path only. (Sidewalk & other revisions to be done with 2021 Overlay program.)	2	✓ 9/1/2020
<b>Issues under review or waiting for action/funding</b>					
Location of Issue	Issue/Complaint reported	Requester	Status	#	Reported
14741 62nd Ave S	Speeding	Taylor Attisha	Confirmed for school zone only		5/3/2019
4024 S.148th St	Speeding	Karen Wendt	Traffic Counts do not confirm		8/21/2019
14221 58th Ave S	Speeding	Tony Daniel	Traffic Counts do not confirm/new 4-way stop		8/26/2019
13765 56th Ave S	Failure to stop	Daniel Canady	Needs more review/not confirmed		10/10/2019
13935 56th PI S	53rd revision complaint	James Felker	Been discussed/contacted		10/5/2020
13344 56th Ave S	Speeding	Margaret Huisinga	Traffic Counts do not confirm/new 3-way stop		11/14/2019
13919 42nd Ave s	Parking on sidewalk	Diane Myers	On-going/ referred to PD for enforcement		12/11/2019
5026 S.146th	Yield/Stop sign request	R. San Agustin	Needs study/good visibility		3/27/2020
15849 47th Av S	Deadend sign requested	Steven Kuntz	Relocated existing sign		10/2/2020
3519 S.137th St	Speeding/Aggressive driving	Drew Hood	Traffic Counts needed		8/4/2020
4435 S144th ST	Speeding	Mary Geros	School speed cams coming soon		2/17/2021
14015 43rd Ave	Speeding	Erica Post	Traffic Counts do not confirm/ongoing		3/5/2019
125th between S124th and 50th	Speeding	David Santos	Confirmed/recommend road closure at 50th		11/16/2020
Macadam between 144th-Scblvd	Speeding	CM Johnson	Confirmed		2/7/2020
13415 Macadam rd	Speeding	Keisha Scott	Confirmed		10/23/2019
S152nd St east of Macadam rd	Speeding	Jaimee Shaug	Not confirmed/reoccurring issue/need more counts		8/29/2019
S.135th at 37th	Speeding/sidewalks requested	Charlotte McClure	Need counts/funding for sidewalks?		8/22/2019
S.150th 42nd to east end	Speeding	Ken Musser	Need counts/Speed cushions requested		4/1/2021
EMW S at S.130th	Truck traffic on S.130th	Ian Hamad	Not confirmed/signed/requested enforcement		8/23/2019
Alley between 59th/58th so of 147th	Speeding	Hubert Crawley	Private/ not confirmed/neighbor dispute		8/22/2019
S.140th at TIB	Safety/sight distance	Adele Wisdom	Confirmed 3 Accidents in 2019		8/21/2019
S.130th between TIB-Emw	Speeding	Heidi Watters	Speed sign installed/enforcement requested		8/21/2019
40th between 42nd/EMW	Speeding	N/A	Traffic Counts do not confirm/ongoing		5/16/2019
147th/57th and 62nd/149th	School Flashing crossings needed	Staff	unfunded		12/1/2019
S.140th between 42nd-45th	Speeding	N/A	Not confirmed/requested enforcement/ongoing		1/1/2019
48th between Macadam/S134thpl	Speeding	N/A	Not confirmed/requested enforcement/ongoing		1/1/2019
S.152nd between TIB-42nd	Speeding	David Puki	Confirmed/enforcement/grants applied for sidewalks		1/1/2019
42nd at S.160th	Speeding/Safety	Multiple	Joint project w/Seatac to install 4-way stop in 2021		12/1/2018





# INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**  
 FROM: **Hari Ponnekanti, Public Works Director/City Engineer**  
 BY: **Adib Altallal, Utilities Engineer**  
 CC: **Mayor Allan Ekberg**  
 DATE: **April 23, 2021**  
 SUBJECT: **Sewer Lift Stations No. 4 and No. 12 Retrofits**  
**Project Nos. 91640202 & 90440207**  
**Bid Award to Gary Harper Construction Inc.**

### ISSUE

Award contract to Gary Harper Construction Inc. for the Sewer Lift Stations No. 4 and No. 12 Retrofits Project.

### BACKGROUND

During the cleaning and routine inspections of the sewer lift stations by City crews, they discovered corrosion of the wet well at Sewer Lift Station No. 12. The damaged concrete will be repaired and the entire wet well will be recoated. The control panel at Sewer Lift Station No. 4 is in poor and the condition is located deep below grade. The panel will be moved into an enclosure above grade.

### ANALYSIS

A call for bids was advertised for the Sewer Lift Stations No. 4 and No. 12 Retrofits Project on March 31 and April 7, 2021. Two contractors returned bids to the City on April 14, 2021. The confirmed lowest bid was Gary Harper Construction, Inc. with a bid of \$342,411.00. The Engineer's Estimate was \$442,602.00. Gary Harper Construction Inc has done satisfactory work for the City in the past.

### BUDGET AND BID SUMMARY

	<u>Bid Amount</u>	<u>Engineer's Estimate</u>	<u>Annual Sewer 2021 Budget</u>
Gary Harper Construction Inc	<b>\$ 342,411.00</b>	\$442,602.00	
Contingency 20%	<u>68,482.20</u>		
<b>Grand Total</b>	<b><u>\$ 410,893.20</u></b>	<b><u>\$ 442,602.00</u></b>	<b><u>\$ 750,000.00</u></b>

### RECOMMENDATION

Council is being asked to award the construction of Sewer Lift Stations No. 4 and No. 12 Retrofit Projects to Gary Harper Construction Inc., for a total contract amount of \$342,411.00 and grant budget authority to the Project Management Team up to the amount of \$410,893.20 (20% contingency and 10.1% sales tax) and consider this item on the Consent Agenda at the May 3, 2021 Regular Meeting.

Attachments: Page 68, & 71 2021 CIP Bid Tabulation

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** **Annual Sewer Repair Program** Project No. 9xx40201

**DESCRIPTION:** Reduce sewer line infiltration and inflow (I & I) through groundwater intrusion or storm events as a result of damaged deteriorating systems or illicit connections. Includes small repairs and capital maintenance.

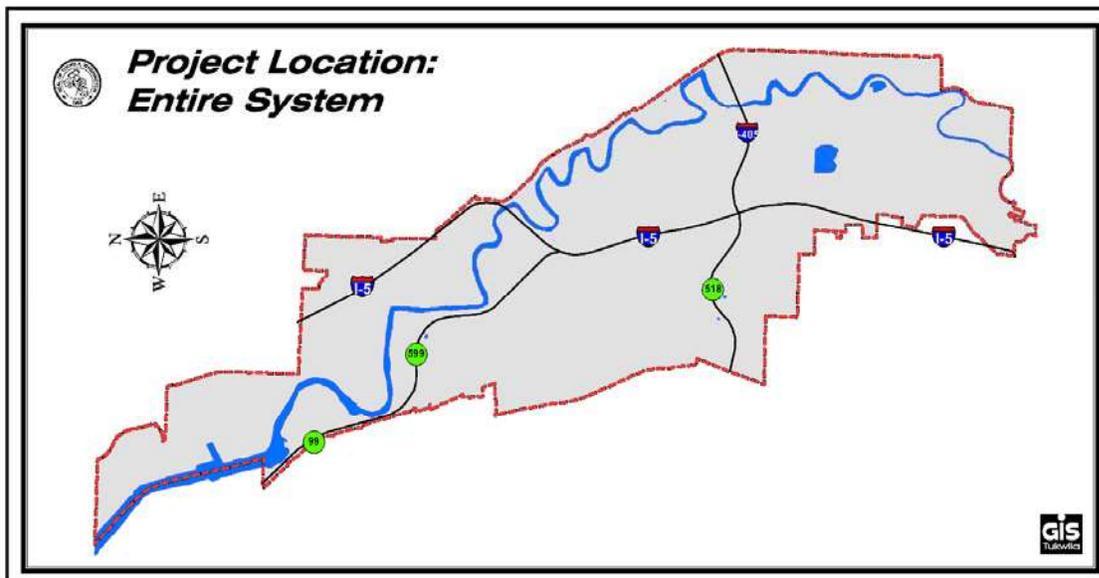
**JUSTIFICATION:** Decreases treatment, discharge, and pumping costs.

**STATUS:** Annual program is determined after pipeline TV inspection reports are completed.

**MAINT. IMPACT:** Less maintenance costs through rehabilitation of aging system.

**COMMENT:** Ongoing project, only one year actuals shown in first column.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
<b>EXPENSES</b>										
Design	0	15	75	75	70	70	70	70	500	945
Land (R/W)										0
Const. Mgmt.		10	112	120	105	105	115	115	200	882
Construction	0	75	750	800	700	700	700	700	1,000	5,425
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>100</b>	<b>937</b>	<b>995</b>	<b>875</b>	<b>875</b>	<b>885</b>	<b>885</b>	<b>1,700</b>	<b>7,252</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	100	937	995	875	875	885	885	1,700	7,252
<b>TOTAL SOURCES</b>	<b>0</b>	<b>100</b>	<b>937</b>	<b>995</b>	<b>875</b>	<b>875</b>	<b>885</b>	<b>885</b>	<b>1,700</b>	<b>7,252</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

**PROJECT:** Sewer Lift Stations & Generator Upgrades

Project No. 90440206

**DESCRIPTION:** This project will be used to replace/upgrade the seven sewer lift stations and backup generators in phases.

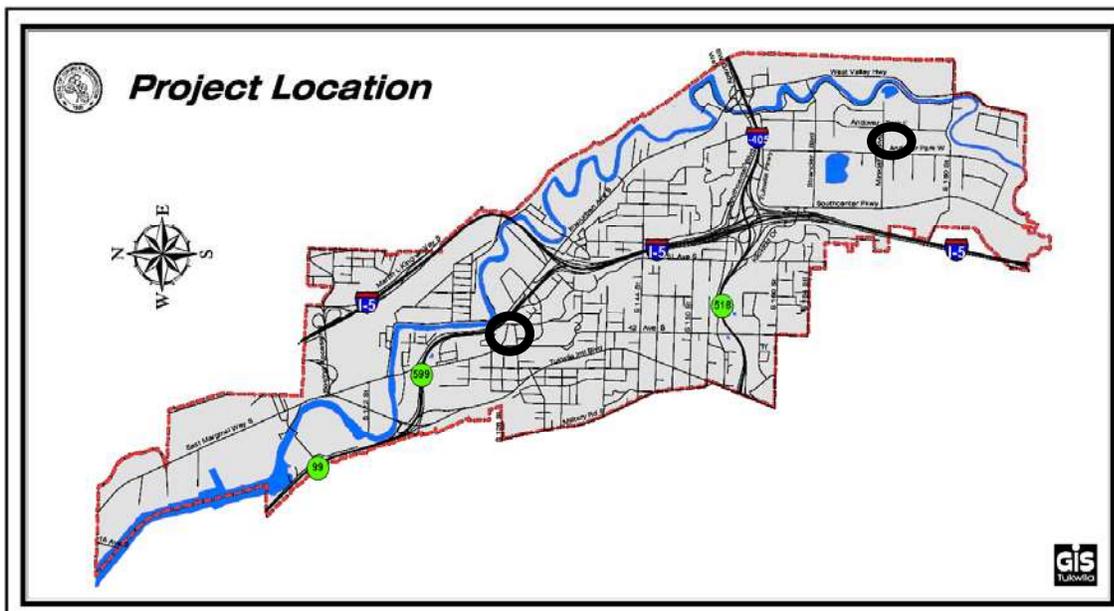
**JUSTIFICATION:** Aging sewer system requires the replacement of motors, pumps, and controls at older lift stations to reduce maintenance. Generators have a lifespan of 15 years and need to be replaced more frequently than pumps.

**STATUS:** Sewer Lift Stations No. 3 & 4 are at the end of their life cycles and need to be rebuilt with backup generators. Lift Station No. 4 is scheduled for 2020/2021, and Lift Station No. 3 is scheduled for 2024/2025. Lift Station No. 5 is in beyond.

**MAINT. IMPACT:** New pumps will reduce the liability of the existing pumps that are obsolete and prone to fail.

**COMMENT:** Additional right-of-way or property will be required for the new backup generators to be installed.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
<b>EXPENSES</b>										
Design		5	5			20	20		100	150
Generators		50	25			10	10		10	105
Const. Mgmt.		10	10			50	50		100	220
Construction		300	200			400	400		700	2,000
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>365</b>	<b>240</b>	<b>0</b>	<b>0</b>	<b>480</b>	<b>480</b>	<b>0</b>	<b>910</b>	<b>2,475</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	365	240	0	0	480	480	0	910	2,475
<b>TOTAL SOURCES</b>	<b>0</b>	<b>365</b>	<b>240</b>	<b>0</b>	<b>0</b>	<b>480</b>	<b>480</b>	<b>0</b>	<b>910</b>	<b>2,475</b>



**CITY OF TUKWILA**  
**DEPARTMENT OF PUBLIC WORKS**  
**Tukwila Lift Stations #4 and #12 Retrofits**  
**BID TABULATION**  
Tukwila Project # 91440201  
April 14, 2021

Correction  
Apparent Low Bid

No.	Item	Qty	Unit	Gary Harper Construction Inc		Award Construction Inc		Engineer's Estimate	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>Schedule A: Lift Station No. 4</b>									
A-1	Mobilization	1	LS	\$ 20,600.00	\$ 20,600.00	\$ 18,000.00	\$ 18,000.00	\$ 35,000.00	\$ 35,000.00
A-2	Temporary Water Pollution/Erosion Control	1	LS	\$ 4,800.00	\$ 4,800.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
A-3	Resolution of Utility Conflicts	1	FA	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
A-4	Project Temporary Traffic Control	1	LS	\$ 3,800.00	\$ 3,800.00	\$ 6,000.00	\$ 6,000.00	\$ 3,000.00	\$ 3,000.00
A-5	Electrical	1	LS	\$ 85,400.00	\$ 85,400.00	\$ 100,000.00	\$ 100,000.00	\$ 270,000.00	\$ 270,000.00
A-6	Temporary Bypass Pumping	1	LS	\$ 43,900.00	\$ 43,900.00	\$ 35,000.00	\$ 35,000.00	\$ 12,500.00	\$ 12,500.00
A-7	Site Restoration	1	LS	\$ 7,700.00	\$ 7,700.00	\$ 10,000.00	\$ 10,000.00	\$ 500.00	\$ 500.00
A-8	Trench/Excavation Safety	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
A-9	Electrical Permits	1	FA	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
A-10	Unexpected Site Chages	1	FA	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
				Subtotal	\$ 191,200.00	Subtotal	\$ 197,000.00	Subtotal	\$ 347,000.00
<b>Schedule B: Lift Station No. 12</b>									
B-1	Mobilization	1	LS	\$ 28,500.00	\$ 28,500.00	\$ 12,000.00	\$ 12,000.00	\$ 5,000.00	\$ 5,000.00
B-2	Wet Well Cleaning and Lining	1	LS	\$ 46,300.00	\$ 46,300.00	\$ 60,000.00	\$ 60,000.00	\$ 20,000.00	\$ 20,000.00
B-3	Wet Well Concrete Spalling Repair	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
B-4	Bypass Pumping	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 60,000.00	\$ 60,000.00	\$ 15,000.00	\$ 15,000.00
B-5	Unforeseen Conditions Contingency	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
				Subtotal	\$ 119,800	Subtotal	\$ 147,000	Subtotal	\$ 55,000
Sale Tax 10.1%		1	-		\$ 31,411.00		\$ 34,744.00		\$ 40,602.00
				<b>TOTAL ESTIMATE</b>	<b>\$ 342,411.00</b>	<b>TOTAL BID</b>	<b>\$ 378,744.00</b>	<b>TOTAL BID</b>	<b>\$ 442,602.00</b>