



City of Tukwila Transportation and Infrastructure Services Committee

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

Distribution: V. Seal D. Quinn T. McLeod K. Kruller C. Hougardy H. Ponnekanti S. Kim (email) G. Lerner (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, NOVEMBER 08, 2021 – 5:30 PM

Virtual Meeting - Members of the public may listen by dialing 1-253-292-9750 and entering conference ID 832324833#

[Click here to join the meeting](#)

6300 BUILDING, SUITE 100)

Item	Recommended Action	Page
1. PRESENTATIONS		
2. BUSINESS AGENDA		
a) Public Works Fleet and Facilities Tenant Improvements Project Update (H. Ponnekanti)	a) Information only	Pg. 1
b) Neighborhood Traffic Calming Program Project Update (S. Bates)	b) Forward to the 11/15/21 Regular Consent Agenda	Pg. 19
c) Annual Bridge Inspections and Repairs 2021 Presentation (A. Cox)	c) Information only	Pg. 29
d) Surface Water Fund – Duwamish River Basin Steward Draft Proposal (M. Perfetti)	d) Discussion only	Pg. 49
e) Surface Water Fund - Gilliam Creek Fish Barrier Removal Acceptance of KC Flood Reduction Grant Funds (M. Perfetti)	e) Forward to the 11/15/21 Regular Consent Agenda	Pg. 61
f) 2022 Legislative Agenda (R. Bianchi)	f) Forward to the 11/22/21 Committee of the Whole and 12/6/21 Regular Consent Agenda	Pg. 69
3. MISCELLANEOUS		
	Future Agenda:	

Next Scheduled Meeting: Monday, November 22, 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 and Infrastructure Services Committee
FROM: Hari Ponnekanti, Public Works Director/ City Engineer
CC: Mayor Allan Ekberg
DATE: November 5, 2021
SUBJECT: Public Works Fleet and Facilities Tenant Improvements
Project No. 91630601
Project Update

Issue

Project update on the construction progress for the tenant improvements at the Public Works – Fleet & Facilities Shop and next steps.

Background

At the March 15, 2021 Regular Meeting, Council approved the contract with Lincoln Construction for the Public Works Fleet and Facilities Tenant Improvement Project including contingency totaling \$5,849,244.39. The contract scope includes seismic upgrades, plumbing and electrical, fire protection, HVAC upgrades, and interior offices, locker rooms, and showers. The anticipated project completion date is December 2021, and the contractor is currently on schedule as of October 26, 2021 and projected to be within budget. However, there will likely be potential delays due to Covid -19 related supply chain material delays; we are in the process of understanding how much of an impact this will bring to the project completion schedule. The project team is working together to minimize the cost and schedule impact.

After the completion of tenant improvement work, there will be two additional scopes of work scheduled to be completed by different contractors; exterior envelope repair and painting scope, and covered parking structure construction at the south end of the western property. These scopes of work, which are budgeted, will be executed by smaller contractors hired from the Job Order Contracting roster or via low-bid process and to be completed by the fall of 2022.

On October 5, 2021, City of Tukwila received approval from the Department of Ecology on the relief request from the Shoreline Management Act (SMA) and the Tukwila Shoreline Master Program (SMP) under RCW 90.58.580. This will allow construction of some structures located within those portions of the property that are not already in shoreline jurisdiction prior to the restoration construction and anticipated change to the Ordinary High Water Mark, caused by the development of the new park, Chinook Winds. This is an important milestone in the overall plan for the Public Works campus development, as it preserves the buildable area for the property, as long as the shoreline regulations do not change in the near future.

Analysis:

The Tenant Improvements Project is on schedule and is approximately 82% complete. 68% of the project budget being expended to date. Currently no delays are expected. Please see attached monthly progress report for more detailed information on construction status.

The attached “Tukwila Maintenance and Fleet Building Renovation CPM Schedule” provides the timeline for construction progress. To date, we have completed all demolition work, all seismic reinforcement work involving upgraded foundations, new steel brace frames, and strengthening of existing steel frames; all of the framing and drywall installation

in the administrative offices area including the restrooms and locker rooms, and installation of cabinets and finishes have commenced.

Next Steps

The City is not immediately able to move forward with demolition of the existing UPS building until the property transfer that occurs in late 2023. However, it is strongly recommended to start preparing for eventual construction of the structures that will be located within the shoreline jurisdiction buffer areas – thereby securing the Public Works department’s full potential for buildable areas. As project design, permitting and bidding process can take up to two years on a substantial development of a new building, it is recommended that the Administration building (which is planned in the shoreline jurisdiction area) design process begin as soon as possible.

As a reminder, the Administration building will be shared by enterprise and general fund divisions, meaning both funds will be responsible for funding design and construction of the new building. Staff will return to Council in early 2022 to present opportunities to move forward, maintain project momentum and ensure the City is prepared for the property transfer in the last quarter of 2023.

Financial Impact and Expenditure Summary

	<u>Contract Amount</u>	<u>Construction Budget</u>
Lincoln Construction Inc.	\$5,331,752.13	\$6,082,547.92
Invoiced to date	3,692,145.69	
Remaining Contract	\$1,639,606.44	

Recommendation

Information only – please see attached monthly construction progress report (Tenant Improvement project) with photos.

- Attachments:** October Monthly Budget Report
October Monthly Construction Report
Five Week Schedule
Wetland Buffer Maps
2021 CIP Page 56



**City of Tukwila - Public Works Fleet & Facilities
TOTAL PROJECT**

**MONTHLY Budget Report
(REVISED Budget; D-20 Plan Adopted by Council)**

Life to Date Costs
as of October 25, 2021 (reconciled w/acctg thru July 11, 2021 GL)

COUNCIL REPORTING SUMMARY - PUBLIC WORKS	<i>Original Budget</i>	<i>Budget Transfers</i>	<i>Current Budget</i>	<i>Committed Budget</i>	<i>Life to Date Costs</i>	<i>Remain'g Committed</i>	<i>Remaining Budget</i>
A/E Services (Design & CA)	\$ 670,768	\$ -	\$ 670,768	\$ 611,393	\$ 524,996	\$ 86,397	\$ 59,375
Permits/Fees	\$ 130,000	\$ -	\$ 130,000	\$ 114,222	\$ 74,222	\$ 40,000	\$ 15,778
Construction	\$ 6,715,000	\$ (184,077)	\$ 6,530,923	\$ 5,208,650	\$ 3,662,959	\$ 1,545,691	\$ 1,322,273
Construction (Tax)	\$ 662,618	\$ -	\$ 662,618	\$ 516,868	\$ 337,241	\$ 179,627	\$ 145,750
Construction Related Costs	\$ 378,186	\$ 39,135	\$ 417,321	\$ 274,845	\$ 205,431	\$ 69,414	\$ 142,476
PM Services (incl Other Professional Svcs)	\$ 350,000	\$ 93,900	\$ 443,900	\$ 413,746	\$ 349,813	\$ 63,933	\$ 30,154
Contingency (incl Construction & Project)	\$ 843,437	\$ 51,042	\$ 894,479	\$ -	\$ -	\$ -	\$ 894,479
SUBTOTAL-CURRENT MANAGED PROJECT	\$ 9,750,009	\$ -	\$ 9,750,009	\$ 7,139,724	\$ 5,154,662	\$ 1,985,062	\$ 2,610,285
Previously Managed Svcs (Land,A/E,Bond,Demo)	\$ 25,949,992	\$ -	\$ 25,949,992	\$ 25,936,198	\$ 25,936,198	\$ -	\$ 13,794
TOTAL-COMBINED PROJECT	\$ 35,700,000	\$ -	\$ 35,700,000	\$ 33,075,922	\$ 31,090,860	\$ 1,985,062	\$ 2,624,079

TUKWILA PUBLIC SAFETY PROJECTS

Public Works

SOJ

Construction Management Monthly Report

October 2021

Report Reviewed by: Justine Kim



Owner's Representative: Shiels Obletz Johnsen (SOJ)

Architect: SHKS Architects

Development Progress:

- Offices and bathrooms ceiling grid installed
- Office fleet offices framed & upper-level storage stair installed
- Office carpet tile installed
- Hazardous material shed roof framed
- Lunchroom counters installed
- Majority of slab pour-backs complete

Upcoming Construction Activities:

- Complete machine and welding shop partition walls
- Frame floor of surplus parts storage space
- Complete framing of file storage and telecom
- South parking lot slab pour-backs over re-routed sewer line

Budget Status:

- Revised contract amount now \$4,842,645

Change Order Status:

- Total Change Orders (1-5) approved to date: \$415,424
- Change Order No. 6 is pending approval for \$42,068

Schedule Status:

- See attached 5-week schedule. Final completion date remains unchanged.

Critical Issues:

- None



Framing in West Building



Framing in West Building



Hallway to Lunch Room



Installing Upper Level Storage Staircase



Framing Fleet Offices



Office Room Carpeted



Office Space in Northwest Side of Building



South Side of Building – Shed Roof



Lunchroom Counters

FIVE WEEK CONSTRUCTION SCHEDULE

Project: Tukwila Fleet		#1239		Date: <u>10/18/2021</u>																														
Period: <u>10/18 - 11/19</u>		CONTRACTOR: LINCOLN CONSTRUCTION INC		SUPERINTENDENT: Casey Neuman																														
ACTIVITY		PREPARED BY: Casey Neuman																																
	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F								
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
Seahurst - Fleet office rough in								X	X	X	X	X																						
Seahurst - Bath/Locker lighting rough in																						X	X	X	X	X								
Seahurst - 1st floor trim	X	X	X	X	X			X	X	X	X	X																						
Seahurst - Backup Generator rough-in																												X	X	X	X	X		
Smith Fire - Rough in 1st floor								X	X	X	X	X																						
Rubenstein's - 1st floor base/transitions																																		
Rubenstein's - Fleet Office																																		
Resolve Industrial - Fall Arrest install								X	X	X	X	X																						
Display Mfg - FRP bath/shower																												X	X	X	X	X		
Display Mfg - Kitchen Cabinets/countertops	X	X	X	X	X																													
Pipe - Air/Water reinstall	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X															
Pipe - Unistrut install	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X															
Pipe - Bathroom Fixture Installation																																		
Pipe - Trench drain install															X	X	X	X	X															
Overhead Innovations - OH door install																																		
Todd Robinson Paint - 2nd Floor Walls	X	X	X	X	X																													
Todd Robinson Paint - 1st Floor ceilings																																		
Todd Robinson Paint - Iron Beams W. shop	X	X	X	X	X			X	X	X	X	X																						
Acoustics NW - 1st floor tile install																						X	X	X	X	X								
Acoustics NW - Fleet Office																													X	X	X	X	X	
Stanely Security - 1st floor offices	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		X	X	X	X	X		
Cascade Const. - CMU Header															X	X	X	X	X															
Lci - Rebar Epoxy East shop															X	X	X	X	X															
Lci - Framing on grid line #4								X	X	X	X	X																						
Lci - Fleet Office Framing	X	X	X	X	X																													
Lci - Concrete Slab pours		X													X						X													
Grizzly Bar - Trench Drain																		X	X															

FIVE WEEK CONSTRUCTION SCHEDULE

Project: Tukwila Fleet		#1239		Date: <u>10/18/2021</u>																									
Period: <u>10/18 - 11/19</u>		CONTRACTOR: LINCOLN CONSTRUCTION INC		SUPERINTENDENT: Casey Neuman																									
ACTIVITY		PREPARED BY: Casey Neuman																											
	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F			
Northshore Exteriors - Louvers 2nd floor	X	X	X	X	X																								
Northshore Exteriors - Shed roof															X	X	X	X	X										
Northshore Exteriors - Exterior Walls															X	X	X	X	X										
Moe's Welding - Column/I-beam East Shop	X	X	X	X	X																								
Moe's Welding - Shed roof pandecking								X	X	X	X	X								X	X	X	X	X					
Capitol H&C - Rough in 1st/2nd Floors	X	X	X	X	X																								
Capitol H&C - Overhead Piping shop area								X	X	X	X	X																	
CIS - Exterior walls																				X	X	X	X	X					
CIS - Gridline #4															X	X	X	X	X										
CIS - Fleet Office															X	X	X	X	X										
WBF - (4) Exterior walls Framing								X	X	X	X	X																	
WBF - 2nd floor Telecom ceiling Framing								X	X	X	X	X																	
WBF - Gridline #4 & fleet office GWB																				X	X	X	X	X					
WBF - Bath/Locker ceiling GWB																									X	X	X	X	X



Figure 7. Extent of combined wetland buffers/setbacks on the TPW parcels (with existing conditions shown on the TPW parcels).

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: Public Works Shops

Project No. 91630601

DESCRIPTION:

Construct a new City Public Works maintenance and operations center, combining all operational functions at one location. Facility may also include a City Clerk & Police Records Center and Police evidence storage.

JUSTIFICATION:

Existing Public Works operations and maintenance areas are inadequate structurally and seismically. Current land for staging dirt and vector materials is only temporary. Project includes selling dirt/vector land, Minkler Shops, and George Long Shops to acquire the real estate to build an equipment operations center that meets current codes.

STATUS:

Separate from the Public Safety Plan. Was formerly known as City Maintenance Facility.

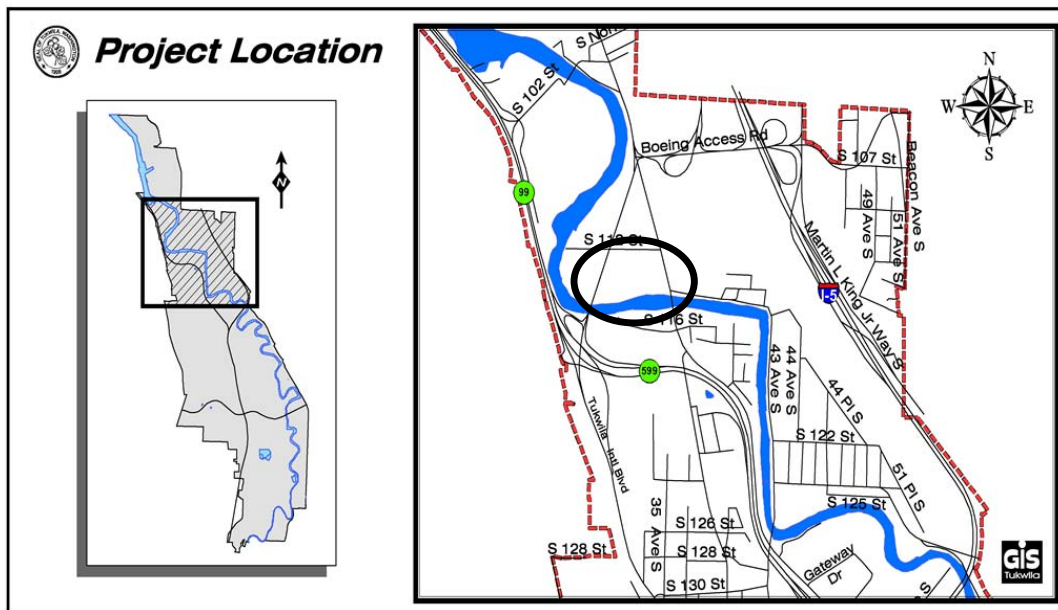
MAINT. IMPACT:

Improves safety and efficiency for First Responders and maintenance operations.

COMMENT:

Based on usage and benefits, it is estimated that the Water, Sewer, and Surface water enterprise funds will fund 50% of the Public Works Shops with the other 50% funded by Streets, Facilities, & Equipment Rental.

FINANCIAL (in \$000's)	Through 2019	Estimated 2020	2021	2022	2023	2024	2025	2026	BEYOND	TOTAL
EXPENSES										
Design/PM	722	300			500					1,522
Land (R/W)	25,462									25,462
Const. Mgmt.	11		1,050							1,061
Construction	14	624	7,517			20,000	20,000			48,155
TOTAL EXPENSES	26,209	924	8,567	0	500	20,000	20,000	0	0	76,200
FUND SOURCES										
Enterprise Funds	8,572	462	4,284		250	20,000				33,568
Councilmatic Bond	5,572					20,000				25,572
REET/ Funds	3,000		3,000							6,000
General Fund		462	1,283		250					1,995
306 Fund Balance	9,065	0	0	0	0	(20,000)	20,000	0	0	9,065
TOTAL SOURCES	26,209	924	8,567	0	500	20,000	20,000	0	0	76,200





INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**
 FROM: **Hari Ponnekanti, Public Works Director/ City Engineer**
 BY: **Cyndy Knighton, Senior Program Manager**
Scott Bates, Traffic Engineering Project Manager
 CC: **Mayor Ekberg**
 DATE: **November 5, 2021**
 SUBJECT: **Neighborhood Traffic Calming Program Project Update**
Project No. 82110301

ISSUE

To bring forward Neighborhood Traffic Calming Program (NTCP) expenditures for 2021 and proposed projects for 2022.

BACKGROUND

At the October 18, 2021 Council Meeting, \$100,000 in American Rescue Plan Act (ARPA) funding was allocated to the NTCP program for 2021 and an additional \$400,000 was allocated for 2022. Staff are presenting a detailed update on the status of the program and proposed projects for 2021 and 2022.

DISCUSSION

Staff proposes to use the 2021 funding to make purchases of ten Radar Driver Feedback signs plus two portable Radar Driver Feedback signs, and two Rectangular Rapid Flashing Beacon Crosswalk systems (RRFB). The radar signs will be utilized at five locations on the NTCP priority list (typically one for each direction). The two portable radar signs will be used as temporary deployments as needed. The RRFB systems will be used at the two existing crosswalks on S.124th Street near the Tukwila Community Center (additional design and construction costs will be required in 2022 for the RRFB installation).

For 2022, staff is still proposing to utilize the Top-10 NTCP Projects list (attached) to identify and implement traffic calming projects and treatments within the allocated funding. The top ten projects were discussed in the August 23, 2021 TISC meeting, and due to feedback from public comments an additional project was added – the Macadam Road South Sidewalk Improvements project. A grant application has been submitted to the Transportation Improvement Board’s Sidewalk Program for funding for the Macadam Road South. Staff will continue to bring updates quarterly to the Transportation and Infrastructure Committee.

FINANCIAL IMPACT

	<u>Cost Estimates</u>	<u>2021 Budget</u>
Traffic Logix Radar signs	\$46,682.40	
Western Systems RRFB units	26,414.68	
Speed Cushions & Signs (previous purchase)	<u>17,706.39</u>	
Total	\$90,803.47	\$100,000

RECOMMENDATION

Council is being asked to approve the Neighborhood Traffic Calming Program (NTCP) planned expenditures for 2021 and consider this item on the Consent Agenda at the November 15, 2021 Regular Meeting.

ATTACHMENTS: Page 2, 2021 CIP
 NTCP Priority Projects List
 NTCP Priority Projects Map
 Traffic Logix Quote
 Western Systems Quote

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.

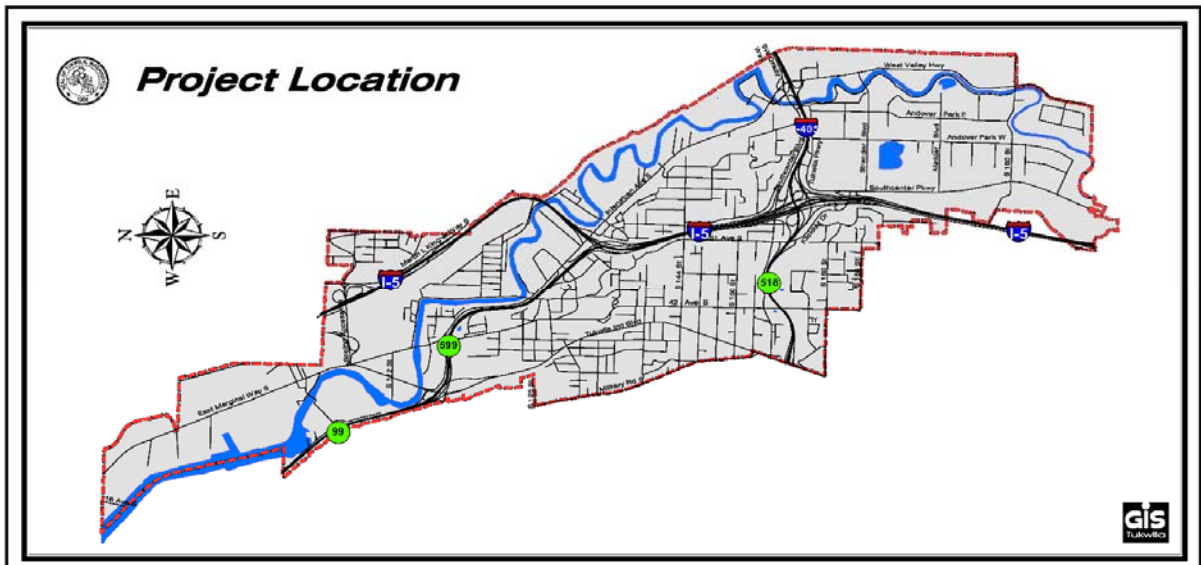
JUSTIFICATION: Neighborhood revitalization by improving residential streets.

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
EXPENSES										
Design	63	50								113
Land (R/W)										0
Const. Mgmt.	37									37
Construction	148	0								148
TOTAL EXPENSES	248	50	0	0	0	0	0	0	0	298
FUND SOURCES										
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
TOTAL SOURCES	248	50	0	0	0	0	0	0	0	298



Staff Top-10 Recommended NTCP Projects

Modified 11/2/2021

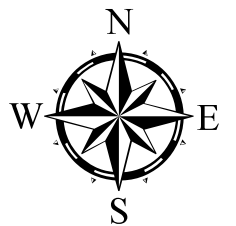
Project	Details	Potential Treatment Options	Estimated Cost Range
A Allentown Neighborhood Speed and Safety Study	<i>Since 2018, five individual requests for traffic calming have been recorded in the NTCP list of requests; however, traffic complaints have been made to the City over prior years. Addressing traffic safety concerns in Allentown is a top priority for the City.</i>		
	Study neighborhood-wide volume, speed, classification and safety issues. Design plan for Level 1 and Level 2 treatments throughout Allentown.	Level 1: Improved signage; radar feedback signs; pavement marking modifications Level 2: Curb extensions	\$50,000-80,000
B Tukwila Elementary School Safety Improvements	<i>Since 2018, 12 traffic calming requests have been made in the Cascade View neighborhood, with a significant number of them near Tukwila Elementary School. Common complaints have been over speeding and crosswalk or pedestrian safety. Additionally, the Council has asked for proactively addressing or anticipating concerns, specifically around school zones. Some improvements have been made around Tukwila Elementary School already but more improvements are needed.</i>		
	Address speeding and crosswalk safety concerns.	Level 1: Improved signage; radar feedback signs; pavement marking modifications Level 2: Curb extensions; RRFB installation; ADA ramp upgrades; improved illumination	\$30,000-80,000
C Impact Charter School Safety Improvements	<i>A request specific to the newly opened Impact Charter School was received in 2019. The request was to provide a signed school zone, which Tukwila has provided along with signs marking school crossings on S 148th Street. ADA-compliant ramps have not been installed at the marked school crossings. The charter school has expanded their site to the north with a need for consideration of a school zone on S 146th Street and other potential improvements for children's safety. Additionally, the Council has asked for proactively addressing or anticipating concerns, specifically around school zones.</i>		
	Provide school crossing improvements, establish school zone on S 146th Street, if needed. Provide school crossing improvements, observe operating speeds, if necessary establish speed zone.	Level 1: Improved signage for school zones on S 148th Street and S 146th Street; crosswalk installation Level 2: ADA ramp improvements; curb extensions	\$8,000-15,000
D Cascade View Elementary School Safety Improvements	<i>Since 2018, the Tukwila Hill neighborhood has seen 9 requests for traffic calming. Four of the locations are around the speeding, school crossing and pedestrian safety around the Cascade View Elementary School. 85th Percentile speeds of ~30MPH in the 25MPH zones have been recorded, but analysis to separate whether the speeding is even more than the posted school zone has not been done. Additionally, the Council has asked for proactively addressing or anticipating concerns, specifically around school zones.</i>		
	Upgrade School Zone signing, design and install pedestrian crossing improvements.	Level 1: Improved signage for school zones on S 148th Street and S 146th Street; crosswalk installation Level 2: ADA ramp improvements; curb extensions	\$8,000-15,000
E Tukwila Community Center Pedestrian Crossing Safety Improvements	<i>The City Council has expressed desire for the NTCP to have a proactive element in addressing traffic calming and safety needs throughout the City. The TCC is a well-utilized facility by the Allentown neighborhood as well as the entire City and surrounding area. Concerns over the pedestrian crossings on S 124th Street have been raised by staff and residents in the past, along with the larger complaints of speeding in Allentown. Increasing pedestrian visibility to improve safety in this high-use area is a recommended top priority for the NTCP.</i>		
	Design and install mid-block pedestrian safety improvements on S 124th Street.	Level 1: Improve pedestrian crossing signage Level 2: RRFB installations; upgrade ADA ramps; curb extensions; improved illumination	\$80,000-100,000
F Macadam Road Speed and Safety Improvements	<i>At least five requests for traffic calming, specific to speeding (and some secondary reasons) have been made since 2018. A radar feedback sign was placed near the 13700 block in 2019 but requests have continued to be made. Additional analysis is warranted to determine what other improvements could be used to address the speeding, especially where Macadam has extremely limited sight distance due to the curvy nature of the roadway.</i>		
	Design and install treatments addressing speeding and curve safety north of S 144th Street.	Level 1: Improved signage; LED chevron signs; channelization modifications Level 2:	\$10,000 - 30,000
G Southcenter Boulevard/65th Avenue S Pedestrian Safety Improvements	<i>Staff identified the need for improvement pedestrian safety at this location several years ago. Southcenter Boulevard is a 5-lane roadway with known speeding issues along with curves that restrict sight distance. A high pedestrian usage at this intersection accessing the King County Metro bus stop that services both the Rapid Ride F-Line and Route 150, both workhorses of the south County transit network, justifies improving pedestrian crossing safety. This intersection is slated for full signalization in the future, but interim pedestrian safety improvements should be considered sooner.</i>		
	Design and install pedestrian safety improvements	Level 1: Improved signage for pedestrian crossing Level 2: RRFB installation; ADA ramp upgrades; improved illumination	\$50,000-\$90,000
H City-wide Residential Speed Limit Review	<i>As part of the City Council's expressed desire to proactively look at traffic calming needs, a full review of the residential street posted speed limits is recommended by staff. State law establishes city speed limits at 25MPH unless an engineering study is completed to justify higher speed limits. Most residential streets are posted at 25MPH today, but there are many that are posted at 30MPH or 35MPH. Likely, those speed limits are legacies of past annexation areas, where a speed study was completed by King County. The general impression Staff has is that most residents and elected officials would be happier with lower speed limits. City of Seattle has also recently lowered all speed limits nearly city-wide to be 25MPH.</i>		
	Identify residential streets with speed limits currently above 25MPH. Conduct volume, speed and safety review. Recommend changes to speed limits, as necessary.	Level 1: Modify speed limit ordinance; as needed; install new signs; as needed. Level 2:	\$5,000-8,000
I S Ryan Way Pedestrian Safety Improvements	<i>Two requests for traffic calming to address speeding and pedestrian crossing safety in the Ryan Hill area have been made in 2021. New developments are coming forward that will increase the residential population of this part of the City with multi-family developments. The speed concerns, especially along S Ryan Way, coupled with the new housing developments increasing the likelihood of increased pedestrian activity, warrants this analysis be recommended as a top priority.</i>		
	Safety study on S Ryan Way from MLK Jr. Way to east city limits, focusing on speeding and pedestrian safety. Recommend Level 1 and Level 2 improvements. Design and construct improvements.	Level 1: Improved signage Level 2: Curb extension, improved illumination	\$10,000-100,000
J S 144th Street/46th Avenue S ADA Ramps	<i>The Tukwila School District requested school crossing safety improvements at this intersection in 2017. A new Rectangular Rapid Flashing Beacon was installed in early 2019. At the time the RRFB was installed, the City was also submitting a grant application for the 46th Avenue S Safe Routes to School project, which would improve pedestrian safety between this intersection south to S 150th Street, and would include either a raised pedestrian crosswalk at the RRFB or install ADA-compliant curb ramps. The grant was not awarded. State law requires ADA ramps be brought up to current standards anytime a new signal, including the RRFB, is installed. Since grant monies for the larger improvement are not expected in the short term, staff recommends this as a priority to comply with all state and federal laws regarding Americans with Disabilities Act requirements.</i>		
	Design and install ADA-compliant ramps at the intersection.	Level 1: Level 2: ADA upgrades to ramps at RRFB (not done at time of RRFB installation due to budget constraints)	\$15,000-20,000
K PROPOSED Macadam Road S Watermain/Sidewalk Improvements Project	<i>The City's watermain replacement project along Macadam Road between Southcenter Boulevard and S 144th Street has been on the City's work plan for several years. In 2020, staff was directed to design the sidewalks for the missing sections along the east side of the road. In summer of 2021, the City submitted an application to the Transportation Improvement Board Pedestrian Safety grant as a way to fund the construction of the sidewalks. Grant awards will be announced on or after November 19, 2021. The current plan is to advertise for construction on November 29, 2021 with construction to begin in 2022. If the grant is not awarded to the City, funding for the sidewalk construction is proposed to come from the 2022 NTCP budget. (Project added 11/2/2021)</i>		
	Construct new sidewalks to complete gaps in the system, including ADA compliant ramps at intersection	Level 1: Level 2: Sidewalk construction with ADA compliant ramps	\$240,000-345,000
Total Cost Range			\$506,000 - 822,000



City of Tukwila

Top 10 Staff Recommended NTCP Projects

Modified November 2021

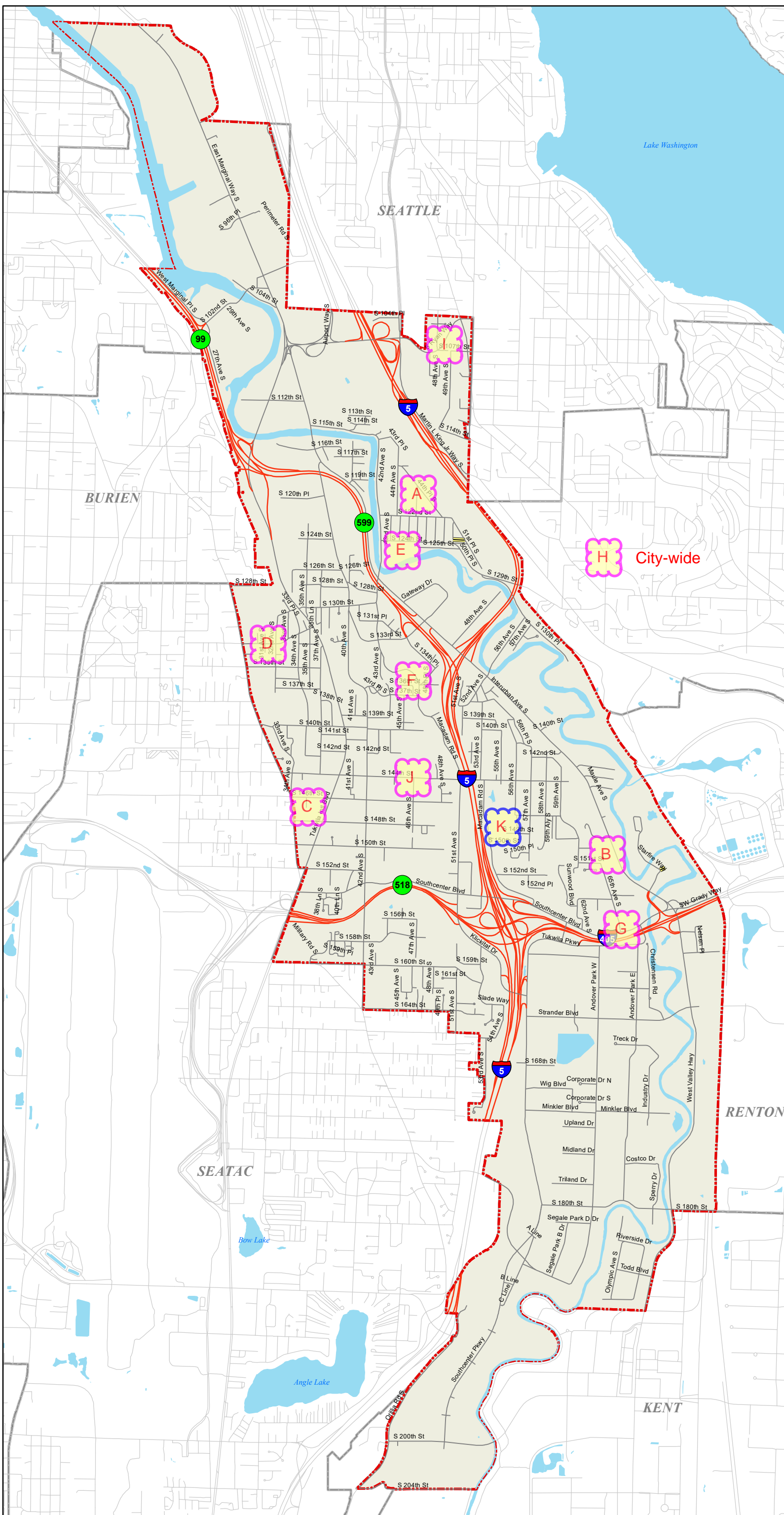


Not to Scale

Vicinity Map



Disclaimer: The location of features and boundaries are approximate and are intended for reference only. Data is based on best information available.





Traffic Logix Corporation
 3 Harriett Lane
 Spring Valley, NY 10977 USA
Tel: (866) 915-6449
Fax: (844) 405-6449
www.trafficlogix.com

Quote Number QUO-16991-Z7W5Y0
 Created Date 10/26/2021
 Expiration Date 11/26/2021
 Prepared by Brett Ferrin

QUOTATION

Contact: Scott Bates
 Phone: (206) 431-2193
 Email: scott.bates@tukwilawa.gov

City of Tukwila, WA

Shipping Address:
 6200 Southcenter Boulevard
 Tukwila, Washington 98188
 United States

Standard Features (Included) – Evolution Signs

- The Evolution radar feedback signs come with 1 year of unlimited cloud access. At the end of this 12 month period the customer has the option to either renew the cloud at a cost of \$400 per sign or resort back to a Bluetooth option at no cost.
- Sign powers down when no traffic present
- Programmable Speed Violator Flashing Strobe Light
- Ambient Light Sensor and Automatic Brightness adjustment
- Banding Mount Bracket
- Safe Pace Management Software
- Bluetooth

Special Notes

Sourcewell Contract # 070821-LGX City of Tukwila vendor ID# 37531

Quote Line Items – All Prices shown are in \$USD

Product	Product Code	Quantity	Sales Price	Total Price
Evolution 15 Solar - Full Matrix - Includes UMB	EV15FMEYL-SOLLA	10.00000	\$3,500.00	\$35,000.00
Radar sign dolly for mobile radar sign use	SPDolly	2.00000	\$800.00	\$1,600.00
Evolution 12 Solar - Full Matrix - Inc. Solar panel and battery	EV12FMEYL-SOLLA	2.00000	\$2,900.00	\$5,800.00

Totals

Subtotal	\$42,400.00
Freight	Included
Sales Tax	\$4,282.40
Grand Total	\$46,682.40



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Quote Number QUO-16991-Z7W5Y0
Created Date 10/26/2021
Expiration Date 11/26/2021
Prepared by Brett Ferrin

Terms: 1% - 10 Days - Net 30 We also accept: MC - VISA - AMEX
IF TAX EXEMPT: Please Provide Tax Exempt Certificate with Order

Delivery Requirements

Please Indicate the availability of the following as this determines the freight costs:

1. Do You have a Loading Dock? - Yes/No
2. Do you have a Fork Lift and Pallet Jack to unload? - Yes/No
3. Can access be gained by a 53 foot truck for delivery? - Yes/No
4. Is the delivery address a Construction site? - Yes/No
5. Is the delivery address a Military site? - Yes/No
6. If shipping to Military site, is a U.S. Driver required? - Yes/No

Quote Acceptance Information

Signature _____
Name _____
Title _____
Date _____

Thank you for choosing Traffic Logix. Please sign and return to:

bferrin@trafficlogix.com
Brett Ferrin
North America Sales Manager
(801) 391-8784

Please complete to set up new account: <https://trafficlogix.com/business-application-form/>



1122 Industry Street, Bldg. B, Everett, WA 98203
Phone: (425) 438-1133 | Fax: (425) 438-1585

Date	Quote #	Rev #
11/01/21	Q-06652	

Project	Agency:
Carmanah RRFBs (AC/Solar Mix)	City of Tukwila

Prepared For:	To place an order:
Contact: Scott Bates Company: City of Tukwila Email: scott.bates@tukwilawa.gov Address: Attn: Accounts Payable 600 Minkler Boulevard City/State: Tukwila, WA 98188 Phone: (206) 431-2193	Contact: Jason Spencer Phone: +1 5039793042 Fax: (425) 438-1585 Email: jspencer@westernsystems-inc.com <i>*This order is subject to the terms & conditions</i>

Qty	Part #	Description
2.00	8530030054	CONTROL CABINET (SC315-G) AC, NATURAL FINISH
4.00	8530080115	LIGHTBAR WITH CONFIRMATION LIGHTS (INCLUDES UNIVERSAL MOUNTING BRACKET) (BLACK)
4.00	8530080117	HARNESS, 16FT, TERMINAL BLOCK TO LIGHT BAR, RRFB, SC315, TPE
2.00	7220083901	PUSHBUTTON iNX XWALK PPB W/9X12 R10-25 SIGN, NO BRAILLE, STANDARD MESSAGE, BLACK (NO CONTROLLER REQUIRED)
2.00	8530038027	HARNESS, 16FT, POLARA iNX OR CAMPBELL GUARDIAN BUTTON, G- SERIES
2.00	8530030050	CONTROL CABINET (SC315-G) SOLAR, NATURAL FINISH
2.00	8530010300	BATTERY 35AH
2.00	8530010290	20 WATT SOLAR PANEL
2.00	8530010295	SIDE OF POLE MOUNT FOR 20 & 50 WATT SOLAR PANELS
2.00	8530010289	SOLAR PANEL HARNESS, MC4 TO SPADE TERMINALS, 8'
4.00	8530080115	LIGHTBAR WITH CONFIRMATION LIGHTS (INCLUDES UNIVERSAL MOUNTING BRACKET) (BLACK)
4.00	8530080117	HARNESS, 16FT, TERMINAL BLOCK TO LIGHT BAR, RRFB, SC315, TPE
2.00	7220083901	PUSHBUTTON iNX XWALK PPB W/9X12 R10-25 SIGN, NO BRAILLE, STANDARD MESSAGE, BLACK (NO CONTROLLER REQUIRED)
2.00	8530038027	HARNESS, 16FT, POLARA iNX OR CAMPBELL GUARDIAN BUTTON, G- SERIES
1.00	Bundle - Pelco	
4.00	7520010380	POLE SPUN ALUMINUM 4-1/2" SCHEDULE 40 14' LENGTH
4.00	7520030030	PEDESTAL BASE ALUMINUM SQUARE WITH ALUMINUM DOOR NO LOGO,
4.00	7520030200	COLLAR ASSEMBLY ALUMINUM FOR SQUARE BASE
4.00	7520040030	ANCHOR BOLT KIT 3/4" #10, SET OF (4) GALVANIZED
4.00	7520050110	POLE CAP DOME 4-1/2" OD ALUMINUM
8.00	7710030022	SIGN (CROSSING WALKING MAN) 36" X 36" FLUORESCENT YELLOW GREEN 3M VIP SERIES 3983 (W11-2) .080 ALUMINUM
4.00	7710030042	SIGN (ARROW) 18" X 30" FLUORESCENT YELLOW GREEN 3M VIP SERIES 3983 (W16-7PL) LEFT DOWN ARROW (W16-7PL) .080 ALUMINUM

4.00	7710030047	SIGN (ARROW) 18" X 30" FLUORESCENT YELLOW GREEN 3M VIP SERIES 3983 (W16-7PR) RIGHT DOWN ARROW (W16-7PR) .080 ALUMINUM
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Terms:	Net 30
Freight Terms:	FOB DstFrt PP&ADD
Material Lead Time:	

See General Conditions below for exceptions and changes to freight and lead time policies

Subtotal	\$24,414.68
Shipping	\$0.00
Tax 10.10%	\$2,465.88
Grand Total	\$26,880.56

GENERAL CONDITIONS OF SALE

All information contained within this quote is valid for 30 days from the date of the quotation. Thereafter, all prices and applicable charges are subject to change. The acceptance of this quotation implies the acceptance of the following terms and conditions which cannot be varied or waived except by express written authorization by a Western Systems representative. These terms govern the sale of goods and services supplied by Western Systems. Differing terms from Buyer in any purchase order or written communication shall not be binding on Western Systems.

TERMS AND CONDITIONS

Purchase Order: All purchases require a formal purchase order. Emails or verbal communication does not constitute an acceptable purchase order.

Material lead time date is based after the release of the order. During the Covid-19 outbreak, Western Systems lead time dates will be estimates based on our best information available.

Clarification on Shipping During Covid-19; FOB Destination and FOB Destination, Prepay & Add terms as quoted imply that the customer will be available to receive material deliveries. Any repeated delivery attempts, trucking reroutes, en-route cancellations or product factory returns which incur additional shipping costs shall be billed to the customer will be passed onto the purchaser.

Taxes/Fees: Unless current resale certificate is on file with Western Systems, purchaser shall be responsible for all tariffs, duties, sales or use taxes in addition to the quoted prices herein. Any taxes listed are estimated totals and should be verified against local requirements.

Payment Terms are based on approval of credit.

Western Systems imposes a surcharge of 2% on the transaction amounts when paying with a Visa or MasterCard. We are unable to accept other credit cards for payment options. All prices are quotes in USD funds.

Non-Payment Penalties: If payment has not been received within terms, the purchaser will be considered in default. Western Systems will be entitled, without prejudice to our other rights, without serving notice of default, to charge the purchaser for all costs incurred such as administration, storage, legal advice etc. The unpaid portion of any amount due to Western Systems will bear interest at the rate of 1.5% per month simple interest. Western Systems reserves the right to hold goods until customer balances their account.

Western Systems will not be subject to any project retainage of any kind. Material purchases are due and payable upon receipt.

Unpaid balances will be subject to Non-Payment Penalties.

Collections: Upon Buyer default of these terms, Western Systems may, in addition to any other rights or remedies at contract or law, declare the entire balance of Buyer's account immediately due and payable. If unpaid balance is referred for collections, Buyer agrees to pay Western Systems, to the extent permitted by law, reasonable attorney fees in addition to all damages otherwise available, plus any court costs or expenses incurred by Western Systems, plus any finance charges accrued on any unpaid balance owed by Purchaser.

Deferment or Cancellation Policy: Order deferment or cancellation once materials have been released will be subject to cancellation and/or restocking fees.

Documentation: Any operational documentation supplied as a part of this quotation remains the property of Western Systems and may not be copied, reproduced, transmitted or communicated to 3rd parties without the express written consent of Western Systems.

On-Site Services: On-site services such as signal or video system turn-on support shall be scheduled three weeks in advance. If services need to be cancelled or postponed, any non-reimbursable travel expenses will be billed to purchaser. This quotation does not provide nor imply any on-site support services unless mentioned specifically herein. If on-site support services are required, and not included as part of this proposed scope of work, please contact Western Systems for a revised quotation.

Warranty: Standard one-year warranty on material goods manufactured or supplied by Western Systems from the date of manufacturers factory shipment, unless superseded by an additional manufacturer's warranty, provided such goods are maintained and operated in accordance with manufacturers standard method of operation. For additional information on Western Systems warranty, please send an email to info@westernsystems-inc.com.

Return and Restocking Policy: Western Systems will be the sole source in determining whether any item is eligible for return. To be eligible the item(s) must be standard product models, new and unused, in the original packaging, and invoiced within the last 90 days.

Restocking fees are applied to all returns and can vary between 20-50% based on annual sales activity. In no case will Western Systems be obligated to take returns for materials, including items that are obsolete, custom orders, or past the 90-day invoice period.

Delivery Inspection: All materials deliveries must be inspected upon receipt from freight carrier. Any freight damages must be reported to the carrier at the time of receipt of goods. Any materials shortages or inaccuracies in shipment must be reported to Western Systems within ten days receipt of goods. Thereafter, any discrepancies will be considered incidental and the responsibility of the receiver.

Force Majeure: Western Systems, Inc. shall in no event be responsible for delays in performance due to actions beyond its reasonable control including without limitation acts of God, strikes, labor shortage or disturbance, fire, accident, war, civil disturbance or carrier delays. Western Systems, Inc. accepts no liability for errors or omissions or the accuracy or the completeness of this quotation. It has been prepared to the best of our knowledge per plans, specifications, documentation and communications provided but we do not guarantee these to be accurate or of the latest revision. Determination of accuracy of this quotation and final quantities are the sole responsibility of recipient. Western Systems, Inc. shall in no event be liable for any special, consequential, incidental or liquidated damages (including without limitation damages for loss of use of facilities or equipment, loss of revenue, loss of profits or loss of goodwill), regardless of whether seller (a) has been informed of the possibility of such damages or (b) is negligent.



INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**
 FROM: **Hari Ponnekanti, Public Works Director/City Engineer**
 BY: **Adam Cox, Transportation Project Manager**
 CC: **Mayor Allan Ekberg**
 DATE: **November 5, 2021**
 SUBJECT: **Annual Bridge Inspections and Repairs**
Project No. 91610402
2021 Presentation on the State of the City’s Bridges

ISSUE

Provide the Transportation and Infrastructure Services Committee with information about the status of the City’s bridge program and inventory, showing the overall condition of the City’s bridges after completion of the 2021 inspections.

BACKGROUND

The Federal Highway Administration (FHWA) and Washington State Department of Transportation (WSDOT) require regularly-scheduled inspections of all the City’s vehicle-carrying bridge structures. The City extends this effort to include its pedestrian bridges. This requirement allows for continuity in reporting, as well as the opportunity to identify and potentially fund bridges in need of replacement and rehabilitation.

ANALYSIS

The City currently owns 23 bridges (16 traffic bearing and 7 pedestrian). Of those, two are jointly owned jurisdictional bridges with shared ownership between the City of Renton (Grady Way) and the City of Kent (S 196th/200). The bridge structure types vary from steel through truss, pre-cast concrete girders, cast-in-place concrete girders, steel girder, wood girder, and steel tied arch spans. The discussion will focus on why the City inspects its bridges, where the City stands with respect to the state and the country, and recommendations for additional steps that can be taken to address known issues. There were no new key findings or major concerns observed during the 2021 inspections.

The following structures were inspected in 2021:

Bridge Number	Bridge Name	Date Inspected
Tukwila 01	Macadam Road Bridge	4/27/2021
Tukwila 02	42 nd Ave S Frank Zepp	4/7/2021
Tukwila 03	Lois T Newton Bridge	5/19/2021
Tukwila 06	Foster 56 Ave S Bridge	4/22/2021
Tukwila 07	51 st Ave S Bridge	4/22/2021
Tukwila 08	Grady Way Bridge	4/13/2021
Tukwila 09	East Marginal Way Bridge	4/13/2021
Tukwila 11	Boeing Access Road over Airport Way	8/02/2021
Tukwila 12	Boeing Access Road over BNRR Bridge	4/14/2021
Tukwila 13	Beacon Ave S Bridge	4/8/2021
Tukwila 14	42 nd Ave S Bridge	4/20/2021
Tukwila 16	S 119 th Street Bridge	4/27/2021
Tukwila 24	Klickitat Bridge	4/22/2021
4001	196 th /200 th Street Bridge	4/7/2021

Three bridge's sufficiency rating (SR) increased after the 2021 inspection cycle. The bridges that had an increase in SR are the Boeing Access over Airport Way (Tuk 11), Boeing Access over BNRR (Tuk 12), and 196th/200th Street (4001). Please refer to the following table for previous and current SR.

Bridge Number	Bridge Name	Previous SR	Current SR
Tukwila 11	Boeing Access over Airport Way	39.80	47.22
Tukwila 12	Boeing Access over BNRR	37.19	62.15
4001	196th/200th Street	59	89.80

FISCAL IMPACT

The cost for King County to perform the 2021 inspections was \$30,469.40.

	<u>Contract Amount</u>	<u>2021 Budget</u>
King County	\$34,210.00	\$75,000
Expended to date	- 30,469.40	
Remaining Contract	\$3,740.60	

RECOMMENDATION

Discussion only.

- Attachments:** Annual Bridge Inspection Report Summary
 2021 City of Tukwila Bridge Inspection Letter
 Map of Tukwila's Bridges
 Annual Bridge Repair & Maintenance CIP page

CITY OF TUKWILA



CITY ENGINEER’S BRIDGE INSPECTION REPORT

November 2021



Tukwila Urban Center Pedestrian Bridge

City of Tukwila



Public Works Department

6300 Southcenter Blvd

Tukwila, WA 98188

CITY ENGINEER'S BRIDGE INSPECTION REPORT November 2021

Hari Ponnekanti, P.E., PW Director/City Engineer

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Executive Summary

The City currently has ownership of 23 bridges (16 traffic bearing and 7 pedestrian). Of those, two are jointly owned jurisdictional bridges with shared ownership between the City of Renton (Grady Way) and the City of Kent (S 196th/200). The different types of bridge configuration vary from steel through truss, pre-cast concrete girders, cast-in-place concrete girders, steel girder, wood girder, and steel tied arch spans.

Currently the City has a total of six (6) bridges that have a sufficiency rating between 80 to 100; seven (7) bridges that have a sufficiency rating between 60 to 79; two (2) bridges that have a sufficiency rating between 40 to 59; and one (1) bridge (42nd Ave S Bridge) that have a sufficiency rating of 39 or less. Note, pedestrian bridges do not receive a sufficiency rating. Please refer to the Quick Bridge Reference sheet for the break down of city owned bridges and the assigned sufficiency rating.

The sufficiency rating formula provides a method of evaluating highway bridge data by calculating four (4) separate factors to obtain a numeric value which is indicative of bridge sufficiency to remain in service. The result of this method is a percentage in which 100 percent would represent an entirely sufficient bridge and zero (0) percent would represent an entirely insufficient or deficient bridge. The formula considers the structural adequacy, functional obsolescence, level of service and essentiality for public use.

Forward

The *City Engineer's Bridge Inspection Report*, dated November 2021, is published by the City of Tukwila Public Works Department, and the information contained herein is the best available at the time of publication. It is to be used as an information tool for planning and maintenance activities, and reflects the general condition of the City's bridges. The repairs indicated are summarized for brevity from actual bridge inspection reports.

Background

The FHWA (Federal Highway Administration) issued the NBIS (National Bridge Inspection Standards) in 1971. These standards established a comprehensive inspection for all federal highway system bridges. Minimum qualifications were set forth for bridge inspectors. Specific types and frequencies of inspections for bridges were established, and the reporting of certain standard information about each bridge was required. In 1978, these requirements were extended to all public bridges carrying vehicular traffic.

A national bridge inspection program has been in place ever since, and state and local agencies have performed bridge inspection in accordance with these guidelines. Inspections for the City of Tukwila's bridges are conducted every two years unless conditions warrant additional inspections or frequencies as dictated by the NBIS.

Bridge Quick Check Informational Sheet

Bridge Number	Name	Year Built	Suff. Rating	WSDOT Bridge ID	ADT	Next ADT Reqd	Last Inspection	Next Inspection Date	UBIT Required	Last UBIT Inspection	Next UBIT Insp Reqd	Fracture Critical	Special Notes
Tukwila 01	Macadam Road	1997	80.58	08674200	3,600	2024	4/27/2021	2023	N	-	-	N	
Tukwila 02	Frank Zepp	1968	75.37 FO	08561400	36,000	2022	4/7/2021	2023	Y	2021	2025	N	
Tukwila 03	Lois T Newton	1973	79.56	08544400	18,900	2021	4/27/2021	2023	Y	2017	2023	N	
Tukwila 05	South-center Blvd	1994	96.98	0014269D	10,616	2023	8/4/2020	2022	Y	2020	2026	N	
Tukwila 06	Foster 56th Ave	1985	58.05	08166200	2,850	2024	4/22/2021	2023	Y	2017	2023	N	
Tukwila 07	51st Ave South	1996	69.09	08634500	4,600	2024	4/22/2021	2023	N	-	-	N	
Tukwila 08	Grady Way	1986	64.86 FO	08543600	26,000	2024	4/13/2021	2023	Y	2018	2023	N	Jointly owned with City of Renton
Tukwila 09	E Marginal Way	1989	89.83	08110200	13,000	2024	4/13/2021	2023	Y	2017	2023	N	
Tukwila 11	BAR Airport Way	1952	47.22 SD	08001800	40,000	2024	4/14/2021	2023	N	-	-	N	*See note below
Tukwila 12	BAR BNSF	1945	62.15 FO	08002500	40,000	2021	4/14/2021	2023	Y	2017	2023	N	*See note below
Tukwila 13	Beacon Ave S	1971	78.36	7996800	500	2020*	4/8/2021	2023	N	2017	2019	Y	
Tukwila 14	42nd Ave S	1949	7.56 SD	08651500	10,300	2023	4/20/2021	2022	Y	2021	2023	Y	Awarded \$1.5M for design in June 2021 and \$12M for construction in July 2021
Tukwila 15	Pacific Hwy	2000	86.36	08651500	30,300	2021	8/4/2020	2022	Y	2020	2026	N	
Tukwila 16	S 119th	1965	--	08104300	NA	NA	4/27/2021	2023	N	-	-	N	
Tukwila 17	Foster Golf Course	1987	--	08584100	NA	NA	4/11/2019	2024	N	-	-	N	
Tukwila 18	Green River Ped & Utility	1983	--	08584200	NA	NA	8/18/2020	2026	N	-	-	N	
Tukwila 19	Inter-urban Trail	2006	--	08742500	NA	NA	9/11/2018	2023	N	-	-	N	
Tukwila 20	180th Street Trail	2001	--	08742600	NA	NA	8/19/2020	2026	Y	2016	2022	Y	
Tukwila 21	Fort Dent Road	1975	63.00	08328300	1,115	2023	8/19/2020	2022	Y	2014	2020*	N	*Unable to perform UBIT inspection in 2020 due to COVID availability, will reschedule
Tukwila 22	Fort Dent Trail	2002	--	8718400	NA	NA	8/19/2020	2026	N	-	-	N	
Tukwila 24	Klickitat	2012	93.93 FO	08853600	14,024	2023	4/25/2019	2021	N	-	-	N	
Tukwila 25	TUC Ped Bridge	2018	-	8919000	-	-	2020	2025	Y	2019	2024	Y	
4001	196-200th	1998	89.80 FO	08712100	17,406	2023	4/7/2021	2023	Y	2021	2027	N	Jointly owned with City of Kent

NOTES:
 Sufficiency Rating is out of 100.
 SD - Indicates the bridge structure is "Structural Deficient" as defined by the WSDOT (Washington State Department of Transportation) bridge inspection program. The structure is still safe for use by the public and the condition is being monitored.
 FO - Indicates the bridge structure is "Functionally Obsolete" as defined by the WSDOT (Washington State Department of Transportation) bridge inspection program. This designation only indicates the roadway geometrics do not meet current standards for bridge design.
 UBIT - Under Bridge Inspection Truck. This indicates the bridge needs special equipment in order to reach portions of the structure for inspection.
 ADT - Average Daily Traffic
 NA - Sufficiency ratings are not given on pedestrian facilities since they are not a part of the NBI system, a Suff. Rating of NA is given in that location.
 All pedestrian bridges do not have a calculated sufficiency rating - they are not traffic loaded bridges and the rating numbers are not calculated per Federal Requirements.

*Traffic counts were not recorded in 2020 due to inconsistencies in traffic volumes.

Bridges Recommended for Replacement or Rehabilitation

Bridge Number	Bridge Name	Location	Reason
Tukwila 14	42nd Ave South*	Allentown (42nd Ave)	Deteriorating Structural Condition of the steel superstructure

Note: See individual bridge reports in Public Works for detailed repair work.

* The City has been awarded two federal grants from PSRC and the Local Bridge Program for a total of \$13.5M

Bridges Recommended for Major Maintenance

Bridge Number	Bridge Name	Location	Reason
Tukwila 16	South 119th Pedestrian Bridge	119th Str (Allentown)	Painting/Epoxy of entire structure with possible rot repair as encountered
Tukwila 18	Green River Pedestrian and Utility	Interurban Trail near 180th	Rehabilitation of structure coating and timber rot repair and replacement

Posted Bridges

Bridge Number	Bridge Name	Location	Reason
Tukwila 14	42nd Ave South	Allentown	Bridge is posted for reduced truck speed and posted for reduced loading on AASHTO Type 3 trucks and 6 and 7 axle vehicles.

Note: See individual bridge reports in Public Works for detailed repair work.

Bridges Recommended for Rail Retrofit

Bridge Number	Bridge Name	Location	Reason
Tukwila 1	Macadam	Macadam Road	Provide Guardrail, terminal and transitions that meet current standards
Tukwila 2	Frank Zepp	180th Street	Provide bridge rail that meet current standards
Tukwila 3	Lois T Newton	Stander Boulevard	Provide bridge rail, guardrail, terminal and transitions that meet current standards
Tukwila 6	Foster 56th Ave South	56th Avenue South	Provide bridge rail, guardrail, terminal and transitions that meet current standards
Tukwila 8	Grady Way	Grady Way	Provide Guardrail, terminal and transitions that meet current standards
Tukwila 9	East Marginal Way	East Marginal Way	Provide bridge rail, guardrail, terminal and transitions that meet current standards
Tukwila 11	Boeing Access Road - Airport Way	Boeing Access Road	Provide bridge rail, guardrail, terminal and transitions that meet current standards
Tukwila 13	Beacon Ave South	Victor Street	Provide bridge rail, guardrail, terminal and transitions that meet current standards
Tukwila 14	42nd Avenue South	42nd Avenue South	Provide Guardrail, terminal and transitions that meet current standards

Note: See individual bridge reports in Public Works for detailed repair work.

Bridges Repair Recommendations

Bridge Number	Bridge Name	Location	Repair Recommendations	Priority	Inspection Date
PRIORITY CODE 'A' Highest Priority - Structural integrity and safety involved.					
PRIORITY CODE 'B' Regular Priority - General bridge structural repair work not requiring immediate response.					
PRIORITY CODE 'C' Low Priority - General minor maintenance or other work to be accomplished as time and money permit.					
PRIORITY CODE 'M' Monitor - The repair or item described needs to be monitored at the rate indicated.					
Note: See individual bridge reports in Public Works for detailed repair work.					
Tukwila 1	Macadam	Macadam	1. No repairs recommended at this time.	NA	27-Apr-21
Tukwila 2	Frank Zepp	180th Street	1. Remove timber planks and plywood between stringers at span 3. 2. Replace bearings at Pier 3 girders I, J, and K	B B	7-Apr-21
Tukwila 3	Lois Newton	Strander Blvd	1. No repairs recommended at this time.	NA	27-Apr-21
Tukwila 5	South center Blvd	SC Blvd	1. Rreplace missing block spacer on guardrail post 2. Fix broken light above pile 2c 3. Trim the trees on the north side of the bridge.	C B B	4-Aug-20
Tukwila 6	Foster 56th Ave S	56th Ave S	1. Fill scour void under SE wingwall 2. Replace expansion joint material 3. Repair damaged guardrail terminal end 4. Develop scour action plan	B B B B	22-Apr-21
Tukwila 7	51st Ave S	51st Ave S	1. Apply deck sealer to prevent ponding water to leak in to the box girders 2. Repair spalls at north expansion joint 3. Investigate waterline in box girder 4. Repair northwest rail terminal 5. Remove trees at Pier 2	B B A B B	22-Apr-21
Tukwila 8 (Renton-Tukwila Joint Ownership)	Grady Way	Grady Way	1. Repair vertical sliding surfaces on columns 2. Repair damage bridge rail (spalling and delamination's) 3. Clean plugged Drains at NW approach 4. Repair pedestrian fencing 5. Clear out material between bearings at Abutment 1 6. Repair metal bridge rail at NW approach 7. Remove vegetation on retaining wall 8. Clear sidewalk debris	B B B B B B C C	13-Apr-21
Tukwila 9	E Marginal Way	E Marginal Way	1. Replace compression seals at expansion joints 2. Develop scour plan 3. Secure access hatch at south side	B C A	13-Apr-21
Tukwila 11	BAR Airport Way	Boeing Access Road	1. Repair bridge rail damage 2. Roughen approach slabs	B C	14-Apr-21
Tukwila 12	BAR BNSF	Boeing access road	1. Repair the southeast approach rail. 2. Clean bridge deck and sidewalk	B M	14-Apr-21
Tukwila 13	Beacon Ave South	At Victor Street	1. Repair interior lighting.	B	8-Apr-21
Tukwila 14	42nd Ave S	42nd Ave S	1. Clean out open joints over floor beams thoroughly and fill with a flexible sealant, priority 1 due to corrosion at top flanges of floor beams from leaking joints. 2. Rework the sliding plate expansion joint so it is smooth with sidewalk and patch spalls near panel points, seal open cracks. 3. Replace missing guard rail and terminal at SW comer, replace damaged rail at SE comer, reset NW rail and posts to bring rail up to standard height. 4. Thoroughly pressure wash clean truss of all dirt/algae/guano, prepare surface, paint bridge to encapsulate pack rust and protect truss members. Add bird deterrent at all panel points, upper and lower chords. 5. Replace steel sliding plate expansion joints with either a strip seal with steel header or modular joint to eliminate water intrusion onto steel bearings. 6. Recommend design seismic retrofit steel collar and construct around bearing columns, anchored to cap, then fill tight with epoxy. 7. FRP wrap columns 4 A-C. Reinforce west wingwall. Add quarry spall along abutment 4 and under span 3 to retain fill and discourage transient activity. 8. Replace missing riprap along banks and in front of piers. 9. Recommend raising portals and sways due to the high volume of truck traffic and existing damage to sway members. 10. Replace sliding plates with elastomeric dynamic isolation bearings. 11. Chip any delaminated concrete from exposed rebar, clean and seal exposed bar and patch spalls. Sack honeycombed areas throughout soffit. Shotblast deck surface, patch spalled areas and apply epoxy overlay. 12. Replace broken gas pipe couplers.	B B B B B B B B B B B C	20-Apr-21
Tukwila 15	Pacific Hwy	Pacific/TIB at Duwamish	1. Repair leaky pipe inside the west girder 2. Arrest channel erosion along the south bank 3. Repair the approach guardrails at the southwest, southeast, and northeast ends 4. Apply epoxy overlay on the bridge deck 5. Spot paint at slice locations to extend paint life	A A B C B	4-Aug-20
Tukwila 16	S 119th Pedestrian	S 119th Street	1. Repair warped and twisted deck planks, deck has non-skid coating but timber is still weathered 2. Major rehabilitation or replacement in near future 3. Special inspection requested to inspect the underside of the superstructure 4. Replace areas of top boards	B A A A	27-Apr-21
Tukwila 17	Foster Golf Course	Foster GC	1. Monitor bearing movement at Abutment 1 2. Remove blackberry bushes under the bridge	M C	11-Apr-19
Tukwila 18	Green River	Interurban trail near 180th	1. Monitor utility pipe alignment 2. Repair chord patching material debonding 3. Repair and replace rotting timber pedestrian rail 4. Paint entire superstructure 5. Perform in-depth inspection	M B B B M	19-Aug-20
Tukwila 19	Interurban Trail	Interurban Trail	1. No repairs noted	-	11-Sep-18
Tukwila 20	180th Ped	Interurban trail at 180th	1. Monitor leaching cracks in abutment and retaining walls 2. Remove debris from bearing seat 3. Repair approach settlement 4. Repair broken conduit splices 5. Replace and repair approach bollards	M C B B B	19-Aug-20
Tukwila 21	Fort Dent Road	Fort Dent Road	1. Trim vegetation overhanging along sidewalk 2. Repair/replace wire cover plate at the NE approach 3. Post clearance at trail undercrossing under Span 3	C C C	19-Aug-20
Tukwila 22	Fort Dent Trail	Interurban trail	1. Trim overgrowing vegetation at approaches 2. Remove debris on chords of bridge girders 3. Replace missing safety chains at corners of bridge 4. Replace popped bolts at diagonal bracing 5. Smooth out approach pathway at approach header	C M B B B	19-Aug-20
Tukwila 24	Klickitat Drive	Klickitat Drive	1. No repairs noted	NA	22-Apr-21
Tukwila 25	Tuk Urban Ped Bridge	Green River Trail	1. No repairs noted	NA	27-Oct-20
4001 (Kent-Tukwila Joint Ownership)	196-200th	196th Street	1. Repair joints and seals 2. Clean deck drains	B B	7-Apr-21

Bridge Average Daily Traffic (ADT)					
Bridge Number	Name	Year Built	Structure ID	ADT	Next ADT Reqd (5 yr Cycle)
Tukwila 01	Macadam Road	1997	08674200	3,600	2024
Tukwila 02	Frank Zepp	1968	08561400	36,000	2022
Tukwila 03	Lois T Newton	1973	08544400	18,900	2021
Tukwila 05	South-center Blvd	1994	0014269D	10,616	2023
Tukwila 06	Foster 56th Ave	1985	08166200	2,850	2024
Tukwila 07	51st Ave South	1996	08634500	4,600	2024
Tukwila 08	Grady Way	1986	08543600	26,000	2024
Tukwila 09	E Marginal Way	1989	08110200	13,000	2024
Tukwila 11	BAR Airport Way	1952	08001800	40,000	2024
Tukwila 12	BAR BNSF	1945	08002500	40,000	2021
Tukwila 13	Beacon Ave S	1971	7996800	550	2020*
Tukwila 14	42nd Ave S	1949	08651500	10,300	2023
Tukwila 15	Pacific Hwy	2000	08651500	30,300	2021
Tukwila 21	Fort Dent Road	1975	08328300	1,115	2023
Tukwila 24	Klickitat	2012	08853600	14,024	2023
4001	196-200th	1998	08712100	17,406	2023

*Traffic counts were not recorded in 2020 due to inconsistencies in traffic volumes.

2010 - 2020 Bridges Maintenance and Repair History				
Bridge Number	Bridge Name	Year	Amount	Repair/Maintenance
Tukwila 2	Frank Zepp	2015	\$2.6M	Paint steel, deck overlay, replace deck joint, seismic protection
Tukwila 8	Grady Way	2015	\$350K	Seismic protection
Tukwila 11	Boeing Access Road - Airport Way	2021	\$1.6M	Siesmic Retro Fit
Tukwila 12	Boeing Access Road BNRR	2019	\$10M	Siesmic Retrofit and deck repair
Tukwila 13	Beacon Ave South	2015	\$1.1M	Replace bridge deck and paint steel
Tukwila 14	42nd Avenue South	1994	*	Paint Truss
Tukwila 14	42nd Avenue South	2017	\$17k	42nd Ave S Bridge Structural Assessment
Tukwila 14	42nd Avenue South	2020	\$39K	In-depth inspection beyond the King County inspections
Tukwila 16	S 119th St	2015	\$100K	Paint and timber repair,
Tukwila 18	Green River	2007	\$100K	Paint and timber repair
Tukwila 18	Green River	2008	\$126K	Paint and timber repair
4001	196th/200th	2019	\$500K	Approach Slab repair

* Unable to verify cost as project cost data is typical kept for 6 years and project was performed before the City's current project tracking system

Annual Bridge Maintenance and Repair In-house Labor Hours

Year	Hours
2011	45
2012	35
2013	167
2014	108
2015	131
2016	283
2017	121
2018	126
2019	151
2020	62
Annual Average	122.9
Total	1229



King County

Road Services Division

Department of Local Services
201 South Jackson Street
KSC-LS-0315
Seattle, WA 98104-3856
www.metrokc.gov/roads

September 3, 2021

Hari Ponnekanti
Public Works Director
6300 Southcenter Blvd., Suite 100
Tukwila, WA 98188-2544

RE: Inspection of City of Tukwila Bridges

Dear Mr. Ponnekanti:

King County bridge engineers inspect the bridges owned by the City of Tukwila, in accordance with agreements between the City of Tukwila and King County Department of Local Services. The bridge inspections were conducted as follows:

Under Bridge Inspection Truck (UBIT)

April 7, 2021 No. TUKxNx02, Frank Zepp Bridge
No. 4001 196th – 200th Street Bridge
April 20, 2021 No. TUKxNx14, 42nd Ave South Bridge (FC)

Fracture Critical (FC) Inspections

April 08, 2021 No. TUKxNx13, Beacon Ave South Bridge (FC)

Routine Inspections

April 13, 2021 No. TUKxNx09, East Marginal Way Bridge
No. TUKxNx08, Grady Way Bridge

April 14, 2021 No. TUKxNx12, Boeing Access Road
No. TUKxNx11, S Bar Over Airport Way

April 22, 2021 No. TUKxNx24, Klickitat Bridge
No. TUKxNx06, Foster 56th Ave South Bridge
No. TUKxNx07, 51st Ave South Bridge

April 27, 2021 No. TUKxNx01, Macadam Road Bridge
No. TUKxNx03, Lois T Newton Bridge
No. TUKxPx16, South 119th Ped Bridge

August 02, 2021 No. TUKxNx11, S Bar Over Airport Way

Hari Ponnekanti
September 3, 2021
Page 2

Enclosed are the reports from the bridge inspections and the actions we recommend you take to maintain the bridges. We submit the data in the report to Washington State Department of Transportation (WSDOT), in accordance with state and federal laws, to inform them of the bridge's condition and to assure them the bridge has been inspected on a timely basis. The information is incorporated into state and federal databases.

The bridge inspection report is divided into three main sections. The first section consists of three parts: the National Bridge Inspection Standards (NBIS) elements, Load Capacity Information, and Inspections Performed. The NBIS fields, which are numbered 1657 to 1687 are used for rating the components of the bridge. In general, the codes rate the components from eight (best) to one (worst); however, other rating scales apply to some of the fields in this first section. Explanations of these codes are found in the Washington State Bridge Inspection Manual (<http://www.wsdot.wa.gov/TA/Operations/BRIDGE/BIC.html>).

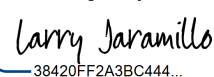
The second section of the report, Bridge Management System (BMS) Elements, lists quantities and rates them, breaking down the condition of each component into categories that indicate how widespread a component is deteriorated. State 1 is best; State 4 is worst.

The third section consists of three parts: Notes, Repairs, and Inspection Resources Required. The Notes section is comprised of information that provides details of the numbered fields in the first two sections. Please note that any deficiencies listed in the "Repairs" section are prioritized between 1 - High priority, and 3 - Low priority. The Resources Required section indicates any special equipment or tools used to inspect the bridge.

I hope this letter helps you in reviewing these inspection reports. We recommend that the City of Tukwila bridges continue to be inspected on a 24-month schedule. Our next scheduled inspections of the City of Tukwila Bridges will be in spring 2022. Please call Margaret Germeaux at 206-477-3539 if you need any additional information. We appreciate assisting your city with bridge engineering and inspection services.

Sincerely,

DocuSigned by:


38420FF2A3BC444...

Larry Jaramillo, P.E.
Managing Engineer
Bridge and Structural Design Unit

LJ:MH:mr

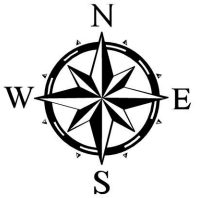
Enclosures

cc: Rey Sugui, Program Analyst, Road Services Division (RSD), Department of
Local Services (DLS)
Margaret Germeaux, Engineer III, Bridge and Construction Unit, RSD, DLS
(w/ enclosures)



City of Tukwila

Bridges



Not to Scale

NBIS Vehicle Bridges

- 1) Macadam Road
- 2) Frank Zepp Bridge (S 180th St)
- 3) Louis T. Newton Bridge (Strander Blvd)
- 4) Southcenter Green River Bridge
- 5) Foster 56th Ave S
- 6) S 1st Ave S
- 7) East Marginal Way
- 8) Boeing Access Road Bridge over Airport Way
- 9) Boeing Access Road Bridge over BNSF
- 10) Beacon Ave S
- 11) 42nd Ave S
- 12) Pacific Highway/TIB
- 13) Fort Dent Park Bridge
- 14) Klickitat Drive

Jointly Owned NBIS Vehicle Bridges

- 15) Grady Way (Renton)
- 16) S 196th St/S 200th St (Kent)

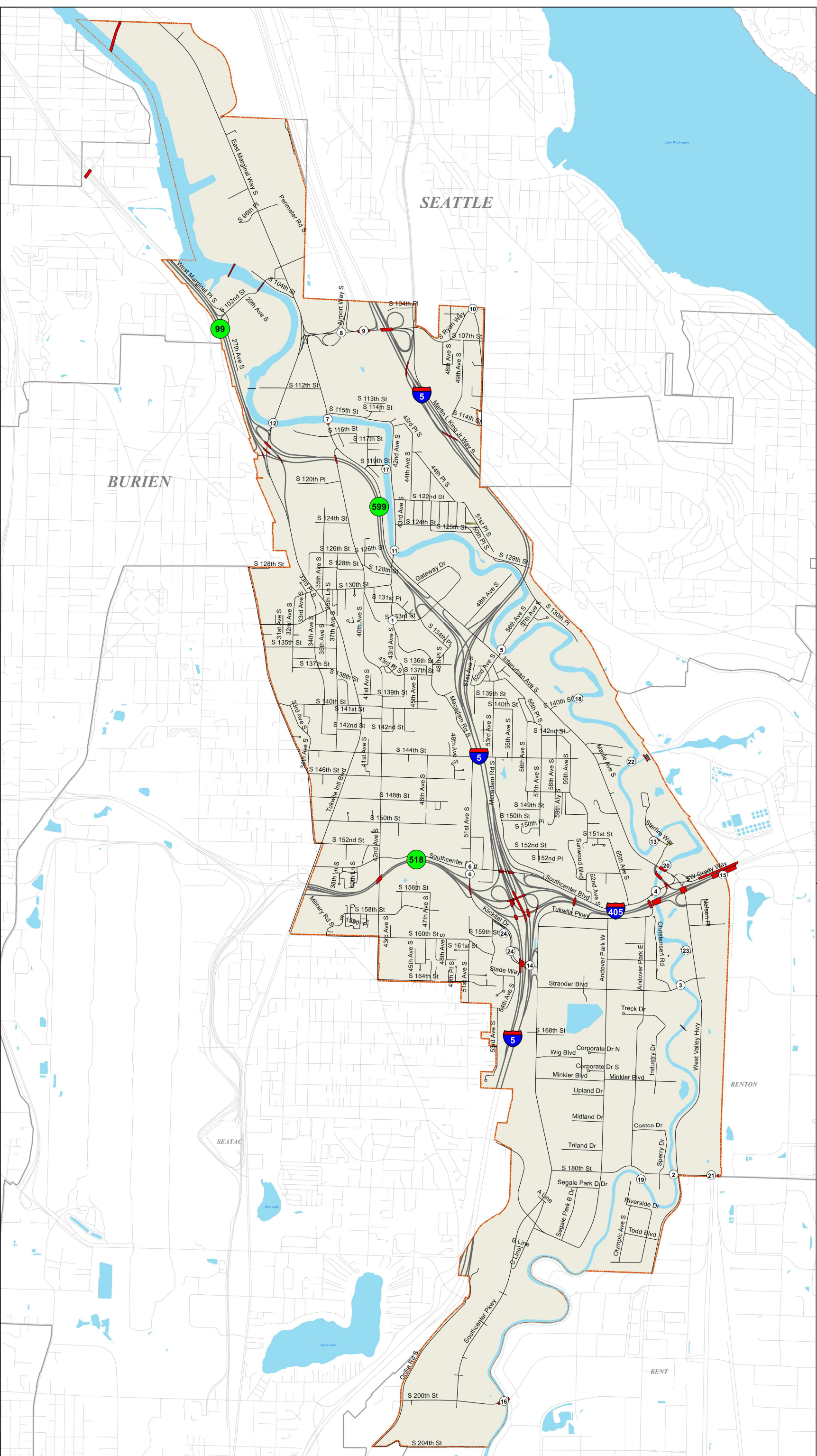
Pedestrian Bridges

- 17) S 119th Pedestrian Bridge
- 18) Foster Golf Course Bridge
- 19) Green River Pedestrian and Utility Bridge
- 20) Interurban Trail Bridge
- 21) S 180th Pedestrian Bridge
- 22) Fort Dent Trail Bridge
- 23) TUC Pedestrian Bridge
- 24) Klickitat Elevated Walkway

Vicinity Map



Disclaimer:
The location of features and boundaries are approximate and are intended for reference only. Data is based on best information available.



CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: Annual Bridge Inspections and Repairs Project No. 9XX10402

DESCRIPTION: Ongoing program of bi-annual inspections, repairs, painting and rehabilitation of the 22 City bridges.

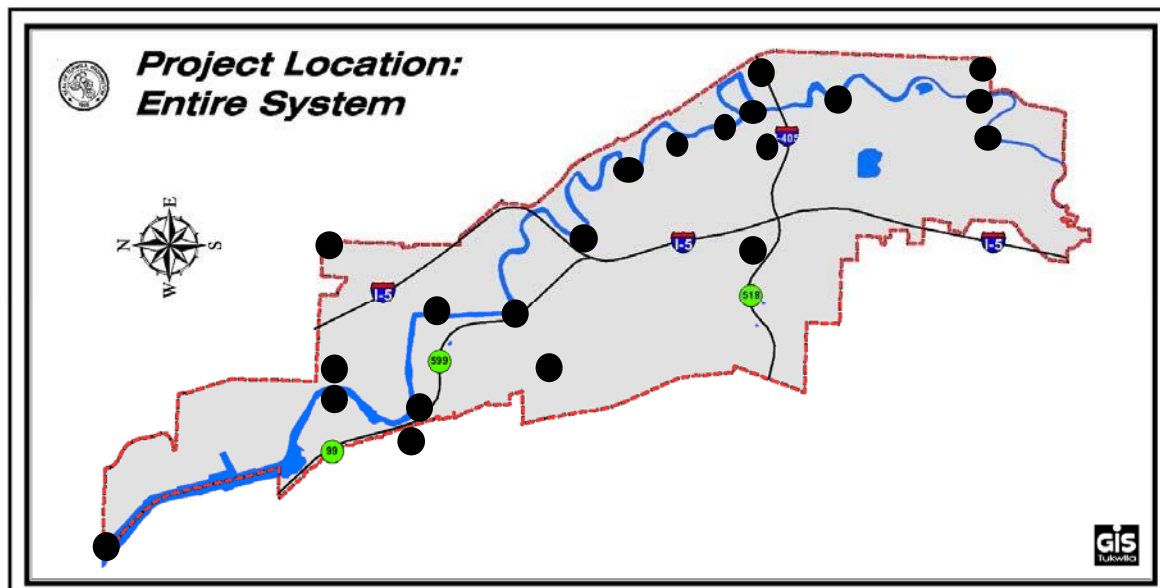
JUSTIFICATION: Federally required program identifies safety or repair needs in the early stages to minimize hazards and costs. The number of bridge inspections necessary each year can vary year to year. Inspection frequencies vary from bridge to bridge and King County has provided some inspection services.

STATUS: Construction projects will be determined from inspection reports and noted deficiencies/problems.

MAINT. IMPACT: Reduces maintenance costs.

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

FINANCIAL (in \$000's)	Through 2019	Estimated 2020	2021	2022	2023	2024	2025	2026	BEYOND	TOTAL
EXPENSES										
Inspections	111	45	75	75	110	115	120	125	130	906
Land (R/W)										0
Const. Mgmt.	43	40			15	15	15	15	15	158
Construction	314	250			75	70	65	60	55	889
TOTAL EXPENSES	468	335	75	75	200	200	200	200	200	1,953
FUND SOURCES										
Awarded Grant										
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	468	335	75	75	200	200	200	200	200	1,953
TOTAL SOURCES	468	335	75	75	200	200	200	200	200	1,953





INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**
 FROM: **Hari Ponnekanti, Public Works Director/City Engineer**
 BY: **Mike Perfetti, Surface Water Sr. Program Manager**
 CC: **Mayor Ekberg**
 DATE: **November 5, 2021**
 SUBJECT: **Surface Water Fund – Duwamish River Basin Steward**
Draft Proposal for a Duwamish Basin Steward

ISSUE

To bring forward a draft proposal for the City to be party to an interlocal agreement supporting a new Duwamish Basin Steward position.

BACKGROUND

King County’s Basin Stewards are a team of professionals knowledgeable about community and natural resources in specific King County watersheds. They work with communities to steward natural resources, protect and restore habitat and coordinate volunteer efforts.

DISCUSSION

The Duwamish Basin Steward would work to develop and implement Chinook salmon habitat restoration projects in the Duwamish River in coordination with tribes, landowners, local jurisdictions, agencies and non-profit partners. The position would support efforts to acquire property (fee or easement) and restore shallow water rearing habitat, leveraging available funding to maximize the environmental benefits. The steward would serve to coordinate partners and add to partner capacity toward common goals, communicate to the public about salmon recovery, and serve as a point person for Duwamish projects and planning efforts. Additionally, the steward would work to ensure the interests of underserved communities within the Duwamish Basin are represented in conservation and habitat restoration projects.

FISCAL IMPACT

The projected loaded cost of the Duwamish Basin Steward position, including a support budget, is \$210,000. It is anticipated that Tukwila’s annual contribution would be \$26,000. For 2022, \$10,000 of this position will be funded by remaining budget in the WRIA 9 2021/2022 CIP and \$15,000 from Surface Water Enterprise Fund. Starting in 2023, ongoing costs for this position will be included in the Surface Water budget process.

ILA Partner	Annual Contribution	2022 Contribution
King Co.	\$79,000	\$66,500
Seattle	\$79,000	\$66,500
Tukwila	\$26,000	\$26,000
Port of Seattle	\$26,000	\$26,000
WRIA 9	\$0	\$25,000
Total	\$210,000	\$210,000

RECOMMENDATION

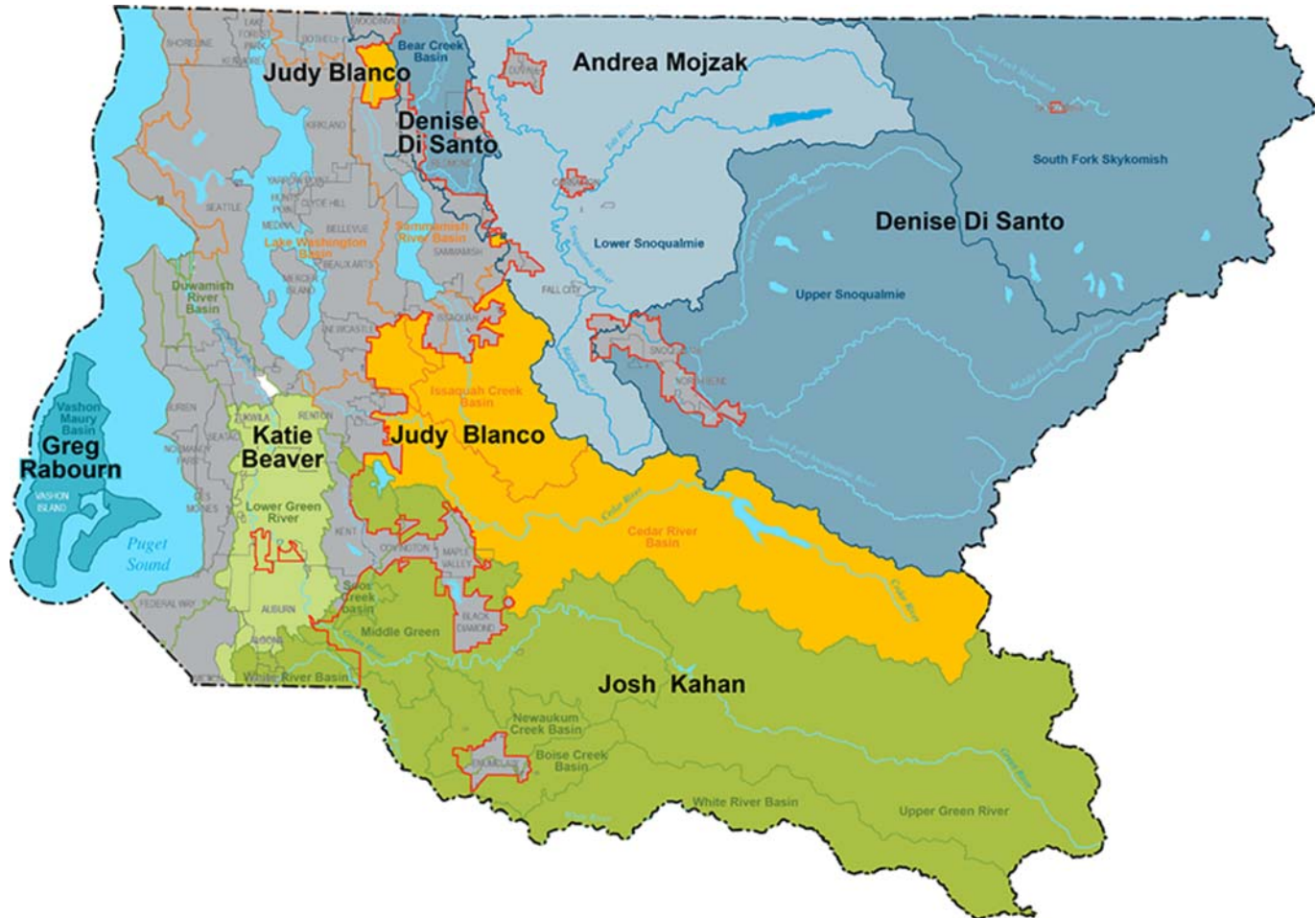
Discussion only.

Attachments: King County Basin Stewards web page
Duwamish Stewardship Proposal, July 2021
2021 CIP Page 81



King County Basin Stewards
Water and Land Resources Division

Who are the Basin Stewards?



Snoqualmie River downstream of Snoqualmie Falls

Andrea Mojzak, 206-263-7934

Snoqualmie River Forks, South Fork Skykomish River, Bear Creek

Denise Di Santo, 206-263-0259

Cedar River, Issaquah Creek in unincorporated areas

Judy Blanco, 206-263-8445

Middle Green River, White River in unincorporated areas

Josh Kahan, 206-477-4721

Lower Green River

Katie Beaver, 206-263-0951

Miller/Walker Creeks

Stewardship jointly funded by King County, Burien, Normandy Park, SeaTac, and Port of Seattle.
Matt Goehring, 206-263-6826

Vashon Island & Maury Island

Greg Rouborn, 206-477-4805

For stewardship information regarding other parts of King County or to learn more about the overall basin stewardship program, contact Janne Kaje, Watershed Stewardship Program Manager at 206-477-4078.

What is the Basin Steward Program?

Basin Stewards are a team of Water and Land Resources (WLR) Division professionals knowledgeable about community and natural resources in specific King County watersheds. They use a number of approaches to work with landowners and other public agency officials to protect local habitats:

- Responding to residents requests for information regarding stream basin health and conditions.
- Providing direct "on-the-ground" technical service to rural community members to improve and protect watersheds, streams, and rivers.
- Building relationships with community members that make construction of restoration and other capital projects possible.
- Working closely with community members and staff from other public agencies to implement WRIA and other conservation plans by coordinating and obtaining grant funding for important habitat protection and restoration projects.

How the Stewards can help you:

Stewardship

The Basin Stewards work with residents to answer questions about best management practices, regulations, wildlife concerns, land conservation, habitat restoration, and water quality concerns.

Habitat protection and restoration

The Basin Stewards work with residents and technical staff to develop and implement priority habitat protection and restoration projects in critical habitat areas along our rivers and streams. They can help streamside landowners identify resources including funding for habitat protection.

Volunteer opportunities

The Basin Stewards work with other County staff to coordinate volunteer efforts to restore streamside habitat areas.

- Sign-up for volunteer announcements

Get in touch with your WLR Basin Steward. They are there for you!

- Let the WLR Division know if you have an idea that might improve or protect surface water resources near your home
- Learn about volunteer opportunities in your watershed
- Learn about ways to protect habitat

Related information

- [King County watersheds map](#)
- [King County environment](#)

Related agencies

- [Department of Natural Resources and Parks](#)
- [Water and Land Resources Division](#)
- [Parks and Recreation Division](#)

Last Updated October 23, 2020

Duwamish Stewardship Proposal July 20, 2021

Duwamish Stewardship Gap

The Green/Duwamish and Central Puget Sound Watershed (WRIA 9) includes five distinct geographic sub watersheds: Upper Green, Middle Green, Lower Green, Duwamish, and Vashon/Maury Island. King County basin stewards currently serve the Middle Green basin, Lower Green basin, Vashon/Maury Island, and a subbasin—Miller/Walker Creek (See Figure 1). Stewards are not working in the Upper Green or the Duwamish River. This request focuses on the Duwamish as a priority.

The Duwamish River—the lowest eleven miles of the Green/Duwamish River watershed-- lies mainly within incorporated areas. The Duwamish basin is unique in many ways, including its critical transitional role for juvenile salmon adapting to salt water conditions; its mostly industrial land use; history of contamination and ongoing clean-up efforts; its diverse and historically marginalized communities; and unique challenges for habitat enhancement or creation because of extensive urbanization.

Stewards' duties vary from basin to basin, and can include planning and prioritizing open space acquisitions and habitat restoration projects, coordinating with local jurisdictions and non-profit partners, pursuing grants and other restoration funding sources, coordinating community science and monitoring efforts, and engaging the public both to convey and receive input on priority work. These roles are critical for advancing salmon recovery in the watershed. Without a Duwamish Basin Steward, opportunities for land acquisition and habitat restoration have been left untended and have been lost to development of incompatible uses.

Currently, there is no coordinated approach to salmon recovery and project implementation in the Duwamish basin beyond the watershed-wide work of the WRIA 9 team. While the WRIA 9 team can support and help fund projects, the WRIA 9 team is not designed to drive project development and implementation without both willing landowners and engaged project sponsors¹. Because of the complex and unique nature of the basin, the stewardship duties cannot simply be added to an existing steward's workload. Despite the work of multiple entities implementing habitat related improvements in the Duwamish (i.e., Seattle, Tukwila, Port of Seattle), there is no one entity focused on coordination and collaboration to leverage efforts to maximize ecological lift. Given the collective investment projected within the watershed over the next decade, a steward would help maximize the opportunities and benefits to the watershed.

Role of Duwamish Basin Steward

The Duwamish Basin Steward would **develop and implement Chinook salmon habitat restoration projects** in the lower eleven miles of the Green-Duwamish River in coordination with tribes, willing landowners, the local jurisdictions, the Port of Seattle, Boeing, WRIA 9, and non-profit partners. Salmon recovery priorities in the Duwamish include enhancing juvenile salmon rearing and off-channel refuge

¹ Project sponsors initiate projects and manage to completion all aspects of project development and implementation, including communication and coordination of stakeholders, strategic phasing and sequencing, and grant writing and funding strategy development.

habitat, removing bank armor when feasible, adding large wood, and planting native riparian vegetation. The position would **help support efforts to acquire property** (fee or easement)² and restore shallow water rearing habitat, leveraging available funding to maximize the environmental benefits of both NRDA-driven habitat projects and locally sponsored, plan driven projects. Additionally, a steward could **work with private business to promote creative solutions** for stormwater management, riparian restoration, and conservation easement options. The Duwamish Basin Steward would also serve to **coordinate partners and add to partner capacity toward common goals**, communicate to the public about salmon recovery, and serve as a point person for Duwamish projects and planning efforts. Additionally, the steward would **work to ensure the interests of underserved communities within the Duwamish Basin** are represented in conservation and habitat restoration projects.

Duwamish Steward Position Description

The Duwamish Basin Steward would identify opportunities to protect and restore habitat along the Duwamish River and its associated tributaries, working collaboratively with key partners and engaging with the community. The ideal candidate would have excellent communication skills, be politically savvy, and comfortable working with a wide variety of stakeholders including businesses and federal partners.

Job duties would include:

- Coordinate salmon recovery and habitat protection in the Duwamish with key salmon recovery partners, working to implement the Duwamish Blueprint, the WRIA 9 Salmon Habitat Plan, SCAP, WQBE and other County priorities
- Coordinate with diverse partners to achieve common goals including acquisition, riparian restoration, noxious weed management, shallow water habitat creation, stormwater solutions, and clean-up of legacy contamination
- Support open space preservation and capital project priorities in partnership with jurisdictions
- Identify funding sources and write grants for acquisition, revegetation, and habitat restoration
- Focus on equity and social justice and work closely with the City of Seattle and Duwamish community to advance equity through their Duwamish Valley Action Plan, with Port of Seattle through their Duwamish Valley Community Equity Program, and the City of Tukwila's Equity Policy
- Serve as point person for Duwamish-related planning efforts and priorities as they arise
- Manage and track restoration projects and environmental monitoring efforts occurring throughout the basin with the goal of increased coordination across multiple partners
- Help identify efficiencies in permitting and partnerships, especially where restoration is multi-jurisdictional
- Accelerate riparian revegetation work in the Duwamish and its tributaries
- Work with business and residential landowners to take voluntary action along their shoreline, including riparian planting and stormwater retrofits
- Build relationships with community groups actively engaging underserved communities in the service area

Proposed Geographic Scope of Work:

² Property would not be held by King County in incorporated areas.

The Duwamish Basin Steward position would focus on the Duwamish basin, highlighted in yellow in Figure 1. The position would work on the lower eleven miles of the Green-Duwamish River and the Duwamish tributaries.

King County has a related interest in bringing stewardship capacity to its urban unincorporated areas of North Highline and Skyway, focused on property acquisition and habitat restoration. If the scope of this position were to include those responsibilities, an expanded geographic scope is shown below in dark blue.

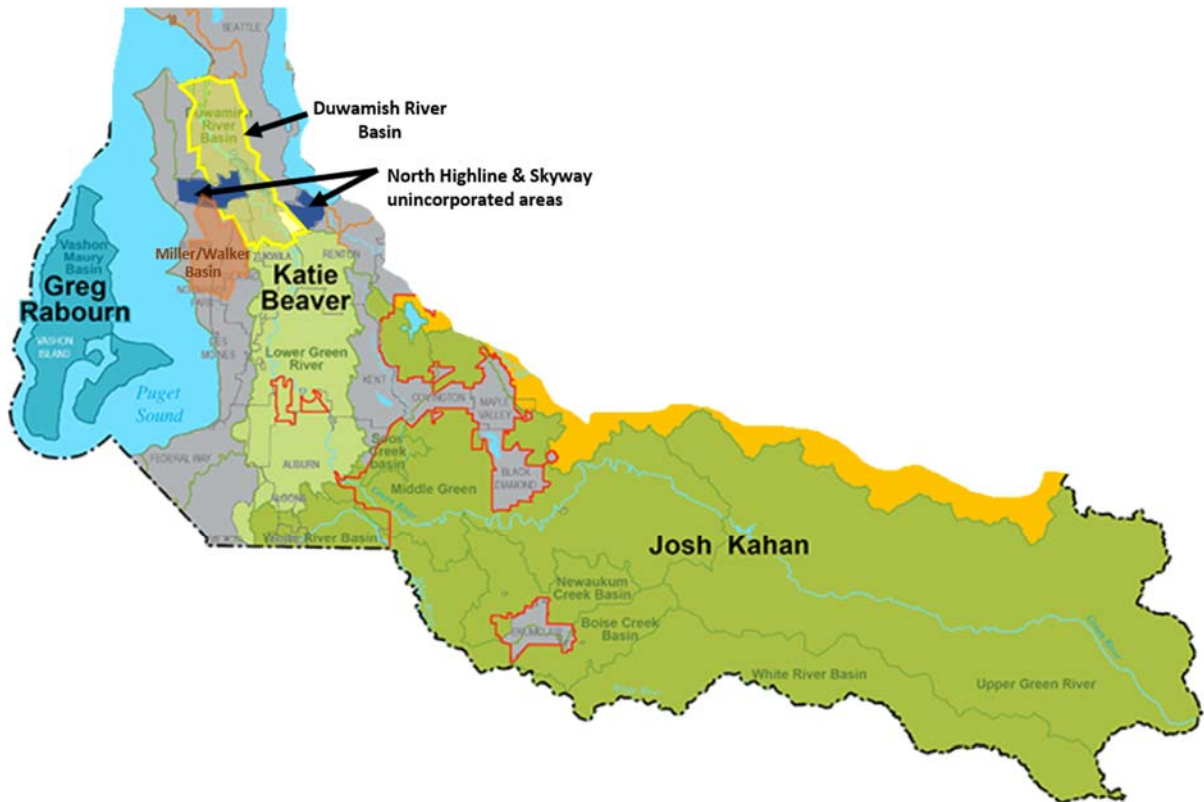


Figure 1. Proposed geographic extent of Duwamish Steward position

Key Partners and Programs

Considering the nature of the basin, the Duwamish Steward position must work closely and collaboratively with many partners. Key Duwamish basin partners include: City of Seattle, City of Tukwila, King County, WRIA 9, Port of Seattle, Boeing, business and residential landowners, tribes, and non-profit groups (e.g. DRCC, ECOSS, Duwamish Alive Coalition, Puget Soundkeeper, EarthCorps). Lo

In addition to working collaboratively with basin partners, the Steward position would be knowledgeable of Duwamish programs, plans, and initiatives including:

- Duwamish Blueprint, WRIA 9
- Salmon Habitat Plan, WRIA 9

- Re-Green the Green Revegetation Strategy, WRIA 9
- Duwamish Valley Action Plan, City of Seattle
- Lower Duwamish Waterway Group efforts
- Lower Duwamish River Habitat Restoration Plan, Port of Seattle
- Lower Duwamish River NRDA Restoration Plan, NOAA
- Our Green/Duwamish Implementation Plan
- RainWise and stormwater retrofit efforts, King County & City of Seattle
- North Highline (White Center) Subarea Plan, King County Local Services
- King County Land Conservation Initiative, Strategic Climate Action Plan, and the Clean Water and Healthy Habitat Strategic Plan

Funding

The fully loaded cost of a King County basin steward is approximately \$185,000 per year.³ Including an additional \$25,000 per year for consultant support and monitoring, the funding need is approximately \$210,000. Funding for on the ground implementation (e.g., restoration or acquisition) will need to be supported through multiple other fund sources and grants.

The Duwamish Steward position, like the Lower Green and Miller/Walker stewards, would most likely be funded through a combination of partners. The following scenarios include cost-shares among the three jurisdictions and Port of Seattle. In addition to these funding partners, there is potential to seek start-up funding from other partners including WRIA 9, South Central Local Integrating Organization (LIO), Boeing, and Vulcan.

Option 1: Even Split

	Annual Contribution
City of Seattle	\$ 52,500
City of Tukwila	\$ 52,500
King County	\$ 52,500
Port of Seattle	\$ 52,500
TOTAL	\$ 210,000

Option 2: Geographic Weighting, based on geographic area within the Duwamish Basin (Figure 2)

This scenario double-counts area owned by Port of Seattle. An alternative approach is to come up with a contribution for Port of Seattle and subtract from the other partners. The Port of Seattle’s tax district extends throughout the basin.

Geographic weighting	Acres	Percent of total area	Annual Contribution
City of Seattle	7,810	49.06%	\$ 103,027.83
City of Tukwila	3,096	19.45%	\$ 40,841.76
King County	4,099	25.75%	\$ 54,073.12

³ Assumes Project/Program Manager III, plus benefits and overhead.

Port of Seattle	914	5.74%	\$ 12,057.29
TOTAL			\$210,000

Option 3: Split by Work Plan

Cost share allocations would be based on each partner’s interaction with various parts of a proposed work plan. Below is a representation of a potential work plan split that includes general program coordination (A) and three geographic sub-areas (B, C, D). Under this funding model, we assume that King County will be solely responsible for funding the work program within the unincorporated urban area (North Highline and Skyway). All other percentages will need to be developed jointly with partners.

	Work program elements				% contribution of total	Annual Contribution
	All work plan (A%)	Unincorporated Urban (B%)	Lower Duwamish (C%)	Upper Duwamish (D%)		
City of Seattle	%		%	%		
City of Tukwila	%			%		
King County	%	100%	%	%		
Port of Seattle	%		%			
					100%	\$210,000

Next Steps

King County has convened several meetings with the proposed cost share partners. All partners have expressed interest in establishing a Duwamish Basin Steward; however, a final cost share allocation needs to be agreed to by partners. King County will be convening partners in late July/early August to evaluate potential cost share allocations. Once partners agree to an allocation formula, a formal ILA will need to be executed. As with most other ILAs for watershed services, annual inflationary adjustments will be built in to the agreement. The ILA can also include provisions for adding additional partners in the future. For example, Burien and SeaTac combined represent approximately 7% of the Duwamish Basin.

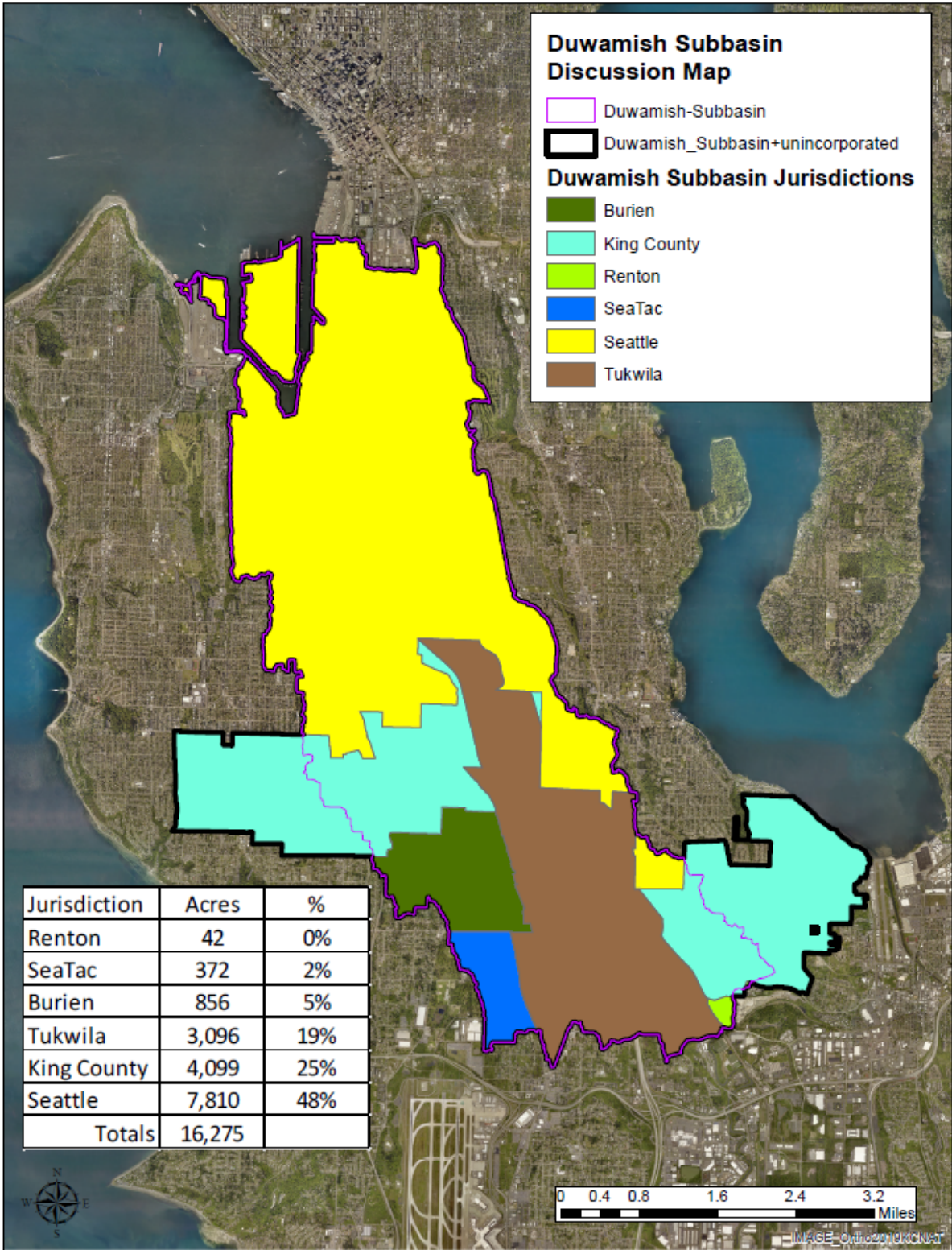


Figure 2. Geographic distribution of proposed steward territory by jurisdiction

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: **WRIA 9 Watershed Planning** Project No. 91641205

DESCRIPTION: City participation in an Interlocal Agreement with WRIA 9 jurisdictions and administered by King County.

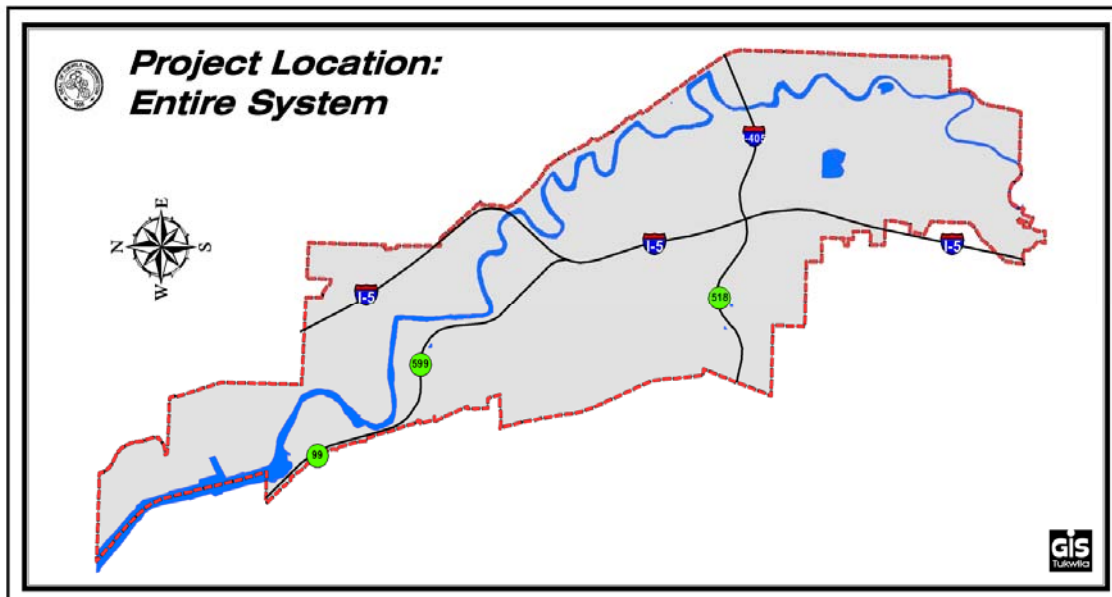
JUSTIFICATION: Endangered Species Act (ESA) related project. Services provided by King County Dept. of Natural Resources (KCDNRP) under an Interlocal agreement between participating jurisdictions in Water Resource Inventory Area 9 (WRIA 9) and King County.

STATUS: Interlocal Agreement has been adopted by all cities with an extension through 2025.

MAINT. IMPACT: Policies and recommendations will impact maintenance.

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

FINANCIAL (in \$000's)	Through		Estimated							BEYOND	TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026			
EXPENSES											
Design	13	20	20	21	21	21	22	23	23	184	
Land (R/W)										0	
Const. Mgmt.										0	
Construction										0	
TOTAL EXPENSES	13	20	20	21	21	21	22	23	23	184	
FUND SOURCES											
King Conservation District			13	14	14	15	15	16	16	103	
Proposed Grant										0	
Mitigation Actual										0	
Mitigation Expected										0	
City Oper. Revenue	13	20	7	7	7	6	7	7	7	81	
TOTAL SOURCES	13	20	20	21	21	21	22	23	23	184	





INFORMATIONAL MEMORANDUM

TO: **Transportation and Infrastructure Services Committee**
 FROM: **Hari Ponnekanti, Public Works Director/City Engineer**
 BY: **Mike Perfetti, Habitat Project Manager**
 CC: **Mayor Ekberg**
 DATE: **November 5, 2021**
 SUBJECT: **Surface Water Fund - Gilliam Creek Fish Barrier Removal**
Project No. 99830105
Acceptance of King County Flood Reduction Grant Funds

ISSUE

Authorize the Mayor to sign a grant agreement with King County.

BACKGROUND

The primary goals of this project are to restore fish passage between Gilliam Creek and the Green River, restore salmon habitat, and maintain or improve flood protection. The 108” flapgate would be removed and replaced with flood protection more suitable to fish passage.

DISCUSSION

In May, staff submitted a grant application to the King County Flood Control District (KCFCD) requesting funds from its new Flood Reduction Grant that targets culvert replacement and fish passage. In October, the City was notified by the District that it is being awarded the full request. This funding will be used to support preliminary design, stakeholder involvement and design development.

FISCAL IMPACT

The City has \$1,937,000 earmarked for design in the CIP, including \$561,000 in surface water funds through 2023. While there is no match requirement, the City identified \$300,000 in other grant funds as leverage.

Grant	Award	Leverage
KCFCD Grant	\$300,000	
CWM-2021 Grant		\$200,000
CWM-2020 Grant		\$100,000
Total	\$300,000	\$300,000

RECOMMENDATION

Council is being asked to authorize the mayor to sign the Agreement for Award of Flood Reduction Grant Funds between the City of Tukwila and King County for the Gilliam Creek Fish Barrier Removal Project and consider this item on the Consent Agenda at the November 15, 2021 Regular Meeting.

Attachments: 2021-2026 CIP Pg. 85

Agreement for Award of Flood Reduction Grant Funds Between the City of Tukwila and King County 4.21.24

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: Gilliam Creek Fish Barrier Removal Project No. 99830105

DESCRIPTION: Construct fish passage improvements at existing flap gate and restore salmonid habitat; replace flap gate which may include a self-regulating tide gate or flood wall.

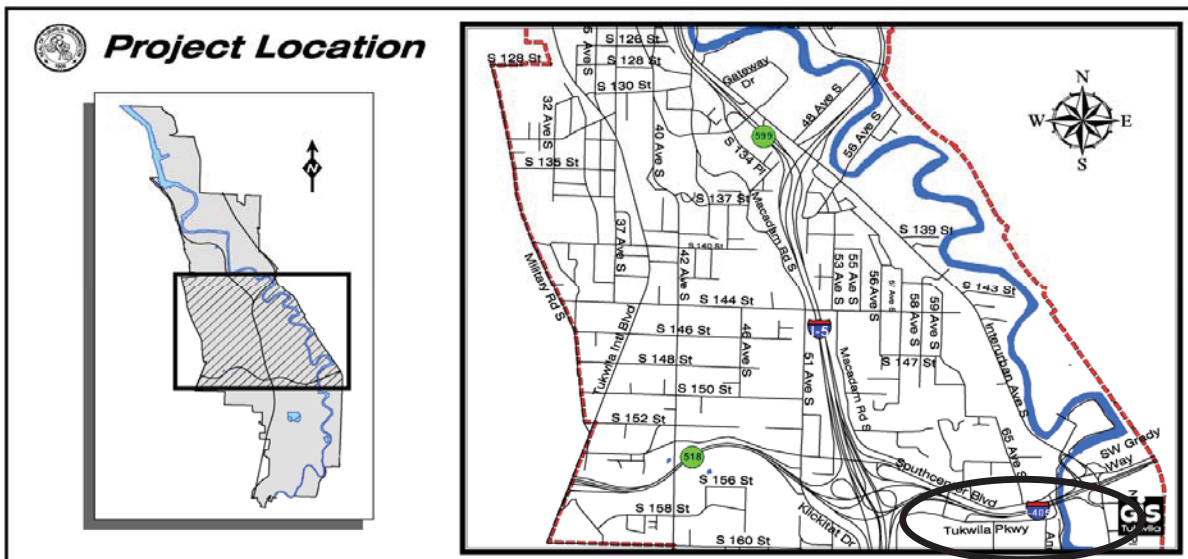
JUSTIFICATION: Enable fish access to lower Gilliam Creek under wider range of flow conditions; fish barrier per WDFW and City; WRIA 9 salmon habitat project.

STATUS: Analysis of lower Gilliam Creek is being conducted in 2018 to determine the best solution for fish passage and to address potential flooding.

MAINT. IMPACT: Likely a shift in maintenance commitments with potential elimination of flapgate maintenance.

COMMENT: In 2020, SRFB listed as Project of Concern, WRIA pulling funding from this cycle; BA Fish Barrier Board - scored 63 of 94; outcomes yet to be determined; \$100K allocated in CWM via WRIA 9.

FINANCIAL (in \$000's)	Through		Estimated							BEYOND	TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026			
EXPENSES											
Design	60		936	536	405						1,937
Land (R/W)											0
Monitoring											0
Const. Mgmt.						752	400				1,152
Construction						5,200	2,000				7,200
TOTAL EXPENSES	60	0	936	536	405	5,952	2,400	0	0	10,289	
FUND SOURCES											
Awarded Grant											0
Proposed Grant			708	350	258	4,760	1,000				7,076
Mitigation Actual											0
Mitigation Expected											0
City Oper. Revenue	60	0	228	186	147	1,192	1,400	0	0		3,213
TOTAL SOURCES	60	0	936	536	405	5,952	2,400	0	0	10,289	



**AGREEMENT FOR AWARD OF
FLOOD REDUCTION GRANT FUNDS
BETWEEN THE CITY OF TUKWILA AND KING COUNTY**

This Agreement is made between King County, a municipal corporation, and the **City of Tukwila** (“Recipient”) (collectively referred to as the “parties” and in the singular “party”), for the purposes set forth herein. This Agreement shall be in effect from the date of execution to **December 31, 2024**.

Project Contacts:

Contact for King County – Kim Harper, Grant Administrator, 206-477-6079, Kim.harper@kingcounty.gov.

Contact for Recipient – Mike Perfetti, 206-550-4930, Mike.perfetti@tukwilawa.gov.

SECTION 1. RECITALS

- 1.1 Whereas, the King County Flood Control District (“District”) is a quasi-municipal corporation of the State of Washington, authorized to provide funding for flood control and stormwater protection projects and activities; and
- 1.2 Whereas King County is the service provider to the District under the terms of an interlocal agreement ("ILA") by and between King County and the District, dated February 17, 2009, as amended, and as service provider implements the District's annual work program and budget; and
- 1.3 Whereas, on November 12, 2013, the District’s Board of Supervisors passed Resolution FCD2013-14 which established a Flood Reduction Grant Program and criteria for awarding grant funding for projects, and on November 4, 2020, the Board passed Resolution FCD2020-22, which authorized an allocation of \$12,000,000 from the District’s 2021 budget to fund flood reduction projects; and
- 1.4 Whereas, on September 14, 2021 the District’s Board of Supervisors passed Resolution FCD2021-10, which approved the flood reduction projects described in Attachment A to that Resolution; and
- 1.5 Whereas, in accordance with the terms of these Resolutions, and in its capacity as service provider to the District, King County has established policies and procedures for administering the flood reduction grant program, a copy of which has been furnished to Recipient and which is incorporated herein by this reference (hereinafter “Grant Policies and Procedures”); and
- 1.6 Whereas, the Recipient submitted an application to receive funds for a project to be funded by the Flood Reduction Grant Program; and

- 1.7 Whereas the District’s Board of Supervisors approved funding of Recipient’s application for the project (“Project”), as described in Attachment A to Resolution FCD2021-10 in the amount of **\$300,000** (“Award”); and
- 1.8 Whereas King County has received a Scope of Work and a Budget for the Project from the Recipient and has determined that the Scope of Work, attached hereto and incorporated herein as Exhibit B (“Scope of Work”), and the Budget, attached hereto and incorporated herein as Exhibit C (“Budget”), are consistent with the Grant Policies and Procedures, the Recipient’s application for the Project, and the Resolution approving funding for the Project; and
- 1.9 Whereas, King County and the Recipient desire to enter into this Agreement for the purpose of establishing the terms and conditions under which King County will provide funding from the District in accordance with Resolution FCD2021-10, and the Grant Policies and Procedures, and under which the Recipient will implement the Project.

SECTION 2. AGREEMENT

- 2.1. The Recitals are an integral part of this Agreement and are incorporated herein by this reference.
- 2.2. King County agrees to pay the Award amount to Recipient in the total amount of **\$300,000** from District funds. The Award shall be used by the Recipient solely for the performance of the Project, as described in Exhibit A to this Agreement. Exhibit A, attached hereto and incorporated herein by this reference, contains a description of the Project as described in Attachment A to Resolution FCD2021-10. King County shall pay the Recipient in accordance with the terms of the Grant Policies and Procedures.
- 2.3. The Recipient represents and warrants that it will only use the Award for the Scope of Work of this Agreement and in accordance with the Project Budget. The Recipient shall be required to refund to King County that portion of the Award which is used for work or tasks not included in the Scope of Work. Further, the Recipient agrees that King County may retain any portion of the Award that is not expended or remains after completion of the Scope of Work and issuance of the Final Report, as further described below.
- 2.4. Activities carried out for this Project and expenses incurred by the Recipient may predate the execution date of this Agreement provided that 1) they have been identified by Recipient as being within the scopes of numbers 2) and 3) below, and have been approved by King County as being within such scopes; 2) the activities are specified in the Scope of Work of this Agreement; 3) the expenses are incurred in carrying out the Scope of Work and are authorized by the Award as identified in the Budget of this Agreement; 4) the activities occur after the District passes a resolution approving an award for the Project; 5) such activities and expenses otherwise comply with all

other terms of this Agreement; and 6) reimbursements shall be paid to the Recipient only after this Agreement has been fully executed.

- 2.5. The Recipient shall invoice King County for incurred expenses using the Request for Payment form and Progress Report form for those documented and allowable expenses identified in the Budget and according to the rules set forth in the Grant Policies and Procedures. Blank forms shall be provided to the Recipient by King County upon execution of this Agreement. A progress report (with or without a request for payment) shall be made no less frequently than every six months after the effective date of this Agreement nor more frequently than every three months after the aforementioned date. A Progress Report form shall be submitted with all payment requests. A one-time advance of no more than 25% of the Award amount may be allowed, in the discretion of King County, for expenses anticipated to be incurred in the three months following the date of submission of the advance Request for Payment only for work that is included in the Scope of Work of this Agreement, and identified as such in the Request for Payment. Documentation of payments made from the advance payment shall be submitted to King County prior to any further requests for payment.
- 2.6. The Recipient shall be required to submit to King County a final report which documents the Recipient's completion of the work in conformance with the terms of this Agreement within thirty (30) days after the completion of the work. The final report may be submitted on the Closeout Report form unless a more detailed final report is specified in the scope of work. A blank form shall be provided to the Recipient by King County upon execution of this Agreement. The final report shall include a summary of the Project's successes and shall address the flood reduction benefits accomplished by the work.
- 2.7. The Recipient's expenditures of Award funds shall be separately identified in the Recipient's accounting records. If requested, the Recipient shall comply with other reasonable requests made by King County with respect to the manner in which Project expenditures are tracked and accounted for in the Recipient's accounting books and records. The Recipient shall maintain such records of expenditures as may be necessary to conform to generally accepted accounting principles as further described in Section 2.8 below, and to meet the requirements of all applicable state and federal laws.
- 2.8. The Recipient shall be required to track project expenses using the Budget Accounting and Reporting System for the State of Washington ("BARS") or Generally Accepted Accounting Principles set forth by the Financial Accounting Standards Board or by the Governmental Accounting Standards Board.
- 2.9. King County or its representative, and the District or its representative, shall have the right from time to time, at reasonable intervals, to audit the Recipient's books and records in order to verify compliance with the terms of this Agreement. The Recipient shall cooperate with King County and the District in any such audit.

- 2.10. The Recipient shall retain all accounting records and project files relating to this Agreement in accordance with criteria established by the Washington State Archivist Local Government Common Records Retention Schedule (CORE) as revised.
- 2.11. The Recipient shall ensure that all work performed by its employees, agents, contractors or subcontractors is performed in a manner which protects and safeguards the environment and natural resources and which is in compliance with local, state and federal laws and regulations. The Recipient shall implement an appropriate monitoring system or program to ensure compliance with this provision.
- 2.12. The Recipient agrees to indemnify, defend and hold harmless King County, and the District, their elected or appointed officials, employees and agents, from all claims, alleged liability, damages, losses to or death of person or damage to property arising out of any acts or omissions of the Recipient, its employees, agents, contractors or subcontractors in performing its obligations under the terms of this Agreement.
- 2.13. The Recipient agrees to acknowledge the District as a source of funding for the Project on all literature, signage or press releases related to the Project. The Recipient may obtain from King County a District logo that may be used in the acknowledgement.

SECTION 3. GENERAL PROVISIONS

- 3.1. This Agreement shall be binding upon and inure to the benefit of the parties and their respective successors and assigns.
- 3.2. This Agreement constitutes the entire agreement between the parties with respect to the subject matter hereof. No prior or contemporaneous representation, inducement, promise or agreement between or among the parties which relate to the subject matter hereof which are not embodied in this Agreement shall be of any force or effect.
- 3.3. No amendment to this Agreement shall be binding on any of the parties unless such amendment is in writing and is executed by the parties. The parties contemplate that this Agreement may from time to time be modified by written amendment which shall be executed by duly authorized representatives of the parties and attached to this Agreement.
- 3.4. Each party warrants and represents that such party has full and complete authority to enter into this Agreement and each person executing this Agreement on behalf of a party warrants and represents that he/she has been fully authorized to execute this Agreement on behalf of such party and that such party is bound by the signature of such representative.
- 3.5. The Project shall be completed by no later than **December 31, 2024**. In the event that the Project is not completed by this date, King County has the discretion, but not the obligation, to terminate this Agreement and retain any unexpended Award funds.
- 3.6. This Agreement may be signed in multiple counterparts.

3.7. If any provision of this Agreement shall be wholly or partially invalid or unenforceable under applicable law, such provision will be ineffective to that extent only, without in any way affecting the remaining parts or provision of this Agreement, and the remaining provisions of this Agreement shall continue to be in effect.

3.8. The amount of the Award has been fully funded by the District. To the extent that funding of the Award requires future appropriations by the District, King County’s obligations are contingent upon the appropriation of sufficient funds by the Board of Supervisors of the District to complete the Scope of Work. If no such appropriation is made, this Agreement will terminate at the close of the appropriation year for which the last appropriation that provides funds under this Agreement was made.

KING COUNTY:

RECIPIENT:

By _____

By _____

Name _____

Name _____

Title _____

Title _____

Date _____

Date _____

EXHIBIT A: PROJECT DESCRIPTION

PROJECT NAME	RECIPIENT	DESCRIPTION	LEVERAGE	AWARD
Gilliam Creek Fish Passage & Habitat Enhancement	City of Tukwila	The Gilliam Creek Fish Barrier Removal and Habitat Enhancement Project will restore fish passage between Gilliam Creek and the Green River and improve habitat conditions within lower Gilliam Creek. Gilliam Creek is mostly inaccessible to aquatic species due to the presence of a 1960s era 108"-diameter flapgate at the outlet of a 207-foot long culvert beneath 66th Ave. S.	\$300,000	\$300,000

EXHIBIT B: SCOPE OF WORK

TASKS	ACTIVITIES AND DELIVERABLES	APPROX. PERCENT OF AWARD	MONTH/YEAR TASK WILL BE COMPLETED
Task 1: Project Administration (Required task)	Submit reimbursement request forms, backup documentation for billing, and progress reports at least every 6 months. Submit a Fiscal Closeout form and a Closeout Report form with the final reimbursement request.	1%	October, 2024
Task 2: Design Development (match contributions)	We hired a professional design consulting team to finalize preliminary feasibility work and develop three conceptual design alternatives. Deliverable will be the selection of the chosen alternative.	1%	October, 2022
Task 3: Permitting	We will hire a professional design consulting team to execute permitting for the preferred alternative up to 60%, 90% or 100% design, depending on alternative selected. Deliverables will be the permits for design and construction.	38%	October, 2023
Task 4: 60%/90%/100% Design	We will hire a professional design consulting team to execute design for the preferred alternative up to 60%, 90% or 100% design, depending on the alternative selected. Deliverable will be plans, specifications, and cost estimates to prepare the project for the construction phase.	60%	October 2024

EXHIBIT C: BUDGET

BUDGET ITEM	GRANT AWARD REQUEST	FINANCIAL LEVERAGE (not required)			LEVERAG E TOTAL	TOTAL (Grant + Leverage)
		SOURCE NAME				
		2020 CWM	2021 CWM			
		AMOUNT				
STAFFING	\$1,500	\$543	\$1,326		\$1,869	\$3,369
PROJECT SUPPLIES						
COMMERCIAL SERVICES AND CREW TIME	\$298,500	\$99,457	\$198,674		\$298,131	\$596,631
TOTAL	\$300,000	\$100,000	\$200,000		\$300,000	\$600,000



INFORMATIONAL MEMORANDUM

TO: Transportation & Infrastructure Committee
Finance & Governance Committee

FROM: Rachel Bianchi, Deputy City Administrator

CC: Mayor Ekberg

DATE: October 25, 2021

SUBJECT: 2022 Legislative Agenda

ISSUE

The City of Tukwila develops an annual legislative agenda for use in Olympia during the legislative session.

BACKGROUND

The City's Legislative Agenda provides direction to staff and consensus among the elected officials as to what policy positions are taken on behalf of the City of Tukwila during the legislative session.

RECOMMENDATION

The Transportation & Infrastructure and Finance & Governance Committees are being asked to provide comment and feedback, which will be incorporated into the agenda for discussion at the November 22, 2021, Committee of the Whole meeting. The full Council is being asked to formally adopt the agenda at the December 6 Regular Meeting. The City's lobbyist, David Foster, will provide a legislative update at the November 22 Committee of the Whole meeting.

ATTACHMENTS

Resolution in draft form
Attachment A – Legislative Agenda

DRAFT

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, ADOPTING A LEGISLATIVE AGENDA FOR USE DURING THE 2022 WASHINGTON STATE LEGISLATIVE SESSION.

WHEREAS, the City Council has agreed to pursue certain legislative issues for 2022; and

WHEREAS, the City Council recognizes this agenda is not all encompassing, in that certain additional items may arise during the legislative session that require support or opposition; and

WHEREAS, a legislative agenda outlines the priority issues that elected officials may discuss when speaking to members of the Washington State Legislature; and

WHEREAS, the City Council agreed to these priorities at the City Council Meeting on December 6, 2021;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, HEREBY RESOLVES AS FOLLOWS:

The Tukwila City Council has identified priorities for the 2022 Washington State Legislative Session that provide a framework for advocacy on behalf of the community. The City of Tukwila 2022 Legislative Agenda is hereby incorporated by reference as Attachment A.

PASSED BY THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, at a Regular Meeting thereof this _____ day of _____, 2021.

ATTEST/AUTHENTICATED:

Christy O'Flaherty, MMC, City Clerk

Kate Kruller, Council President

APPROVED AS TO FORM BY:

Filed with the City Clerk: _____
Passed by the City Council: _____
Resolution Number: _____

Office of the City Attorney

Attachment A: City of Tukwila 2022 Legislative Agenda

ATTACHMENT A

DRAFT

City of Tukwila 2022 Legislative Agenda

Transportation & Infrastructure

- Provide funding for critical local infrastructure, including the **Allentown Bridge**, which is **Structurally Deficient and Functionally Obsolete**.
- Create **stable, reliable infrastructure assistance funding** for cities to assist in repairing roads, bridges and other public infrastructure that support economic development.

Housing & Human Services

- **Address the housing stability crisis** by providing additional tools for rental assistance, foreclosure/eviction prevention and capital construction of affordable housing.
- We strongly encourage the state to **adequately fund human services** programs for the health of the safety net.

Advancing Equity

- Develop and implement a **racial equity toolkit** for legislation, policies and programs to advance racial equity in Washington.
- **Ensure affordable, high-quality broadband internet access** is available to all households and businesses to provide educational, entrepreneurial, business and accessibility equity for all Washingtonians to access the internet.
- Enact a **financial inclusion law** that will address the public safety and equal access issues caused by bank de-risking.

Shared Revenue

- **Include local governments in any new statewide revenues** to ensure the long-term health of municipalities.
- The State must continue its role as a **partner with cities**, including reinstating funding for the Public Works Assistance Account and Community Economic Revitalization Board.
- ~~Ensure funding for **Streamlined Sales Tax Mitigation** payments brought back in the 2019 session remain funded and identify a longer-term funding strategy beyond the 2020/2021 biennium.~~

Revenue Reform

- Allow cities the **authority and flexibility** to address the fact that growth in the cost of services continue to outstrip revenues.
- The state should **amend the law** that limits annual property tax growth to 1 percent and work with cities to authorize additional funding flexibility and opportunities at the local level.

Education

- Implement **needs based funding** for allocation of social emotional student support resources and **expand funding for learning opportunities** for summer school students.
- Increase **funding for homeless students** and secondary ELL students.
- Incorporate early learning for low income students as a part of **Basic Education**.

Preserve Lodging Tax Flexibility

- Ensure the definition of “tourist” in Washington State **remains flexible** to allow jurisdictions and Lodging Tax Advisory Committees to distribute lodging tax dollars in a manner that **best serves each individual community**.

Preparing for Our Future

- Enact policies to prepare to **combat climate change**, including adequately budgeting for its effects and providing tools to cities to prepare and address the ramifications of flooding, pollution and other key factors.
- Continue to invest in **workforce education and job training** to ensure Washingtonians have access to high-quality career and technical education opportunities.
- Support a permanent policy **that allows greater flexibility for local governments** to hold virtual meetings without a physical location.

Police Reform

- ~~Enact police reforms identified by the Association of Washington Cities:~~
 - ~~Develop a statewide standard for use of force that preserves the right of local jurisdictions to enact more restrictive standards based on community input.~~
 - ~~Create a database to track officers who have been fired for misconduct and make it accessible to departments in their recruitment and hiring processes.~~
 - ~~Expand grounds for decertification to include use of force violations.~~
 - ~~Require that officer misconduct investigations be completed, regardless of an officer's resignation.~~
 - ~~Establish a duty for all law enforcement officers to immediately intervene and report misconduct or illegal activity by a fellow police officer.~~
 - ~~Require that all officers receive regular support for vicarious trauma and mental well-being, including peer support, mental health counseling, and appropriate mental health screenings. Officers involved in any fatal use of force must undergo a mental health screening prior to returning to duty.~~

Law Enforcement Use of Force

- Support **clarification of the civil standards for use of force requirements** so law enforcement can better understand the state requirements and know when they can use force to intervene in a situation, including a mental health crisis where a crime is not being committed.