



INFORMATIONAL MEMORANDUM

TO: Mayor Thomas McLeod
 FROM: Hari Ponnekanti, Public Works Director
 BY: Joshua Hopkins, Surface Water Project Manager
 DATE: April 19, 2024
 SUBJECT: Surface Water Fund - Riverton Creek Flapgate Removal Project
Project Number 99830103, Contract No. 20-052
Change Order No. 4

ISSUE

Approve Change Order No. 4 to Contract No. 20-052 with R.L. Alia Company

BACKGROUND

This project restored fish access to Riverton Creek and previously inaccessible rearing habitat at the confluence with the Duwamish River.

DISCUSSION

This change order accounts for overruns (\$34,339.83) incurred in association with CO #3 Tasks 3.1 & 3.2; mark-ups (\$25,292.03) on labor, equipment, materials, and sub-contractors not included in CO#3 Estimate; and sales tax (\$6,621.96) for the overruns and mark-ups. Tasks 3.1 and 3.2 cost overruns were due to unforeseen complications with production rates associated with site conditions and the complexity of fabricating and fitting custom replacement cover plates. Mark-ups were inadvertently omitted from CO #3 Estimate. CO#4 includes 10% contingency (\$6,631.06). The total cost of CO#4 is \$72,285.08.

FISCAL IMPACT

Change order No. 4 includes compensation estimated at \$72,285.08, raising the tax-inclusive contract from \$1,653,593.86 to \$1,884,286.37. This project cost (72,285.08) over contingency, in addition to CO#3 costs over contingency (\$8,080.71), will be funded through the Utility Revenue (\$80,365.79).

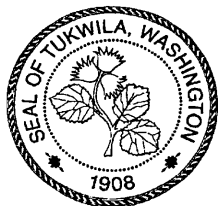
	<u>Encumbered</u>	<u>Budget</u>
Bid Amount	\$1,503,267.15	
Contingency (10%)	\$150,326.71	
Change Orders #1-3	\$158,407.42	
Change Order #4	\$72,285.08	
Utility Revenue		\$517,611.79
Funding from 205 Levee Certification		\$344,780.57
Grants (CWM, Opp, RCO)		<u>\$1,021,894.00</u>
Total	<u>\$1,884,286.36</u>	<u>\$1,884,268.36</u>

RECOMMENDATION

The Mayor, as signatory of the original contract, is being asked to approve and sign Change Order No. 4 with an estimated increase of \$72,285.08 and 18 working days.

Attachments:

- CIP pg 93.pdf
- Change Order No. 4.



CITY OF TUKWILA CONTRACT CHANGE ORDER NO. 4

DATE: April 11, 2024
 PROJECT NO.: 99830103
 PROJECT NAME: Riverton Creek Flapgate Removal Project

BUDGET NO.: 412.98.594.382.65.00
 CONTRACT NO.: 20-052

TO: R.L. Alia Company

You are hereby directed to make the herein described changes to the plans and specifications or do the following described work not included in the plans and specifications on this contract:

NOTE: This change order is not effective until approved by the "Owner" and a notice to proceed is issued.

Conditions:

- A. The following change, and work affected thereby, are subject to all contract stipulations and covenants;
- B. The rights of the "Owner" are not prejudiced;
- C. All claims against the "Owner" which are incidental to or as a consequence of this change are waived; and
- D. The Contractor must submit all Field Overhead and Home Office Overhead Rates for approval in advance of all change orders.

CHANGE: See Attached Exhibit "A"

We the undersigned Contractor, have given careful consideration to the change proposed and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above and below.

ACCEPTED: Date _____

Contractor _____

By _____

Title _____

Original Contract (with tax) \$ 1,503,267.15

APPROVED BY THE CITY OF TUKWILA

Previous Change Orders & Contingency \$ 308,734.13

Date _____

This Change Order (with tax) \$ 72,285.08

By _____

Mayor

REV. CONTRACT AMOUNT \$ 1,884,286.36

Original Contract Time: 115 Working Days
 Additional Contract Time for previous Change Orders: 63 Days
 Additional Contract Time for this Change Order: 18 Days
 Updated Contract Time: 196 Working Days

City Engineer _____

ORIGINAL: City Clerk (1 of 2)
 Contractor (2 of 2)

cc: Finance Department (w/encumbrance)
 Project Management File

DESCRIPTION OF WORK

This change order accounts for overruns incurred in association with CO #3 Tasks 3.1 and 3.2; mark-ups on labor, equipment, materials, and subcontractors for Tasks 3.1, 3.2, and 3.3 (not included in CO#3 Estimate); and sales tax for the overruns and mark-ups.

- 3.1 Replacement Cover Plates for Tie-Back Penetrations by Force Account
- 3.2 Repair Expansion Joint between Existing Retaining Wall and Tukwila Intl. Bridge SW Bridge Abutment by Force Account
- 3.3 Surface Preparation and Coating for Previously Buried Portion of Wall #1 and Replacement Cover Plates by Lump Sum

3.1 Replacement Cover Plates for Tie-Back Penetrations

This work consists of mobilization, temporary pedestrian traffic control, site preparation and site restoration, temporary scaffolding, removing existing cover plates, welding, and grout tubes, preparing sheet pile wall surface to bare metal, prime coat application, and installing new cover plates per provided Cover Plate Details (Sheet 19A, File No. S1.3A).

3.2 Repair Expansion Joint between Existing Retaining Wall and Tukwila Intl. Bridge Southwest Bridge Abutment

This work consists of removing existing joint sealer and dirt from the joint and installing new joint sealer.

3.3 Surface Preparation and Coating for Previously Buried Portion of Wall #1 and Replacement Cover Plates

This work consists of mobilization, containment of abrasives, collecting, testing and disposal of containment waste, preparing the sheet pile wall to bare metal, and application of coating system. This work shall comply with WSDOT 2020 Standard Specifications in Section 6-07.

MATERIALS

All materials shall be in accordance with the provided Cover Plate detail, current contract specifications or as approved by the Engineer.

CONSTRUCTION REQUIREMENTS

The Contractor shall perform the work in accordance with the provided Cover Plate detail, current contract plans and specifications or as approved by the Engineer.

MEASUREMENT AND PAYMENT

3.1 "Replacement Cover Plates for Tie-Back Penetrations" will be paid in accordance with WSDOT 2020 Standard Specification Section 1-09.6

CONTRACT TIME

Contract time shall be extended by (18) working days as a result of this change order.

The total cost of Change Order #4 is \$72,285.08.

Change Order #4 Summary: CO#3 Tasks 3.1 and 3.2 overruns amount to \$34,339.83, an 80.8% increase in direct costs over estimated costs, and accounts for 52% percent of CO#4. Mark-ups in the amount of \$25,292.03 and sales tax in the amount of \$6,022.76 account for 39% and 9% of CO#4, respectively. Tasks 3.1 and 3.2 cost overruns were due to unforeseen complications with production rates associated with site conditions and the complexity of fabricating and fitting custom replacement cover plates. Mark-ups were inadvertently omitted from CO #3 Estimate. CO#4 Estimate includes 10% contingency (\$6,631.06).

Table 1. CO#4 Summary – Three Invoice from RL Alia for Time and Materials

#	Invoice	Date	Total
1	RL Alia Time & Materials	11/28/23 to 12/22/23	\$39,072.85
2	RL Alia Time & Materials	01/03/24 to 02/26/24	\$28,360.05
3	RL Alia Time & Materials	03/14/24 to 03/29/24	\$4,057.39
		Sub-Total:	\$71,490.29
		Sales Tax 10.1%	\$7,220.52
		Sub-Total:	\$78,710.81
		CO#3 Credit Balance:	-\$13,056.79)
		Sub-Total:	\$65,654.02
		CO#4 Contingency:	\$6,631.06
		CO#4 Total:	\$72,285.08

Table 2. Change Order #3 Summary of Quantities (in grey), Payments, and Balance

Item #	Item Description	Qty	Unit	Unit Price	Item Cost
3.1	Replacement Cover Plates for Tie-Back Penetrations	1	EST.	\$41,500.00	\$41,500.00
3.2	Repair Expansion Joint between Existing Retaining Wall and Tukwila Intl. Bridge SW Bridge Abutment	1	EST.	\$1,000.00	\$1,000.00
3.3	Surface Preparation and Coating for Previously Buried Portion of Wall #1 and Replacement Cover Plates	1	LS	\$37,553.60	\$37,553.60 - \$9,508.80 (RL Alia's Share) = \$28,044.20
Est. Total Coast:					\$70,544.20
CO#3 Sales Tax:					\$7,125.82
CO#3 Total:					\$77,669.82
CO#3 1 st Payment (PE#16):					\$64,613.03
CO#3 Balance:					\$13,056.79

Table 3. CO #3 Summary of Quantities (in grey) and CO#4 Overruns, Mark-ups, and Sales Tax

Item #	Item Description	Qty	Unit	Unit Price	Item Cost	Overruns	Mark-Up (Original + Overrun)	Sales Tax (Original + Overrun)	Grand Totals:
3.1	Replacement Cover Plates for Tie-Back Penetrations	1	EST.	\$41,500.00	\$41,500.00	\$34,339.83	\$21,926.72	\$9,975.42	\$108,741.97
3.2	Repair Expansion Joint between Existing Retaining Wall and Tukwila Intl. Bridge SW Bridge Abutment	1	EST.	\$1,000.00	\$1,000.00				
3.3	Surface Preparation and Coating for Previously Buried Portion of Wall #1 and Replacement Cover Plates	1	LS	\$37,553.60	\$37,553.60 - \$9,508.80 (RL Alia's Share) = \$28,044.20	\$0.00	\$3,365.30	\$3,172.36	\$34,581.86
Est. Total Coast:					\$70,544.80	\$34,339.83	\$25,292.03	\$13,147.78	\$143,323.84
CO#3 Sales Tax:					\$7,125.02			\$-7125.02	
CO#3 Total:					\$77,669.82				-\$77,669.82
CO#4 Sub-Totals:						\$34,339.83	\$25,292.03	\$6,022.76	\$65,654.62
CO#4 Total:								Verification:	\$65,654.02*

*= \$0.60 difference not found.

CITY OF TUKWILA
DEPARTMENT OF PUBLIC WORKS
Riverton Creek Flapgate Removal Project
Project No. 9980103

PE # 17

3/4/2024

Pay Pd. 8/1/2023 to 11/3/2023

ORIGINAL CONTRACT AMOUNT \$1,503,267.15
CHANGE ORDERS OR ADJUSTMENTS: \$78,159.78
ADJUSTED CONTRACT AMOUNT: \$1,581,426.93
NOTICE TO PROCEED: 7/10/2020
CONTRACT (CALENDAR) DAYS: 115
CHANGE ORDER / WEATHER DAYS 0
SCHEDULED COMPLETION DATE: 12/23/2020

Item	Description of item	Qty	Unit	Price	Contract Amount	Quantity this Estimate	Previous Quantity	Quantity to Date	Percent Complete	Amount Due This Estimate	Previous Amount	Total Amount to Date
Schedule A												
Bridge												
1	Mobilization	1	LS	\$82,000.00	\$82,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$82,000.00	\$82,000.00
2	Contractor Surveying	1	LS	\$18,000.00	\$18,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$18,000.00	\$18,000.00
3	Unexpected Site Changes	1	FA	\$15,000.00	\$15,000.00	0.00	1.09	1.09	109.34%	\$0.00	\$16,400.46	\$16,400.46
4	Temp Traffic Control	1	LS	\$15,000.00	\$15,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$15,000.00	\$15,000.00
5	Temp TrafContr Private Prop	1	LS	\$10,000.00	\$10,000.00	0.00	0.95	0.95	95.00%	\$0.00	\$9,500.00	\$9,500.00
6	SPCC	1	LS	\$500.00	\$500.00	0.00	1.00	1.00	100.00%	\$0.00	\$500.00	\$500.00
7	Riverton Creek Bridge	1	LS	\$140,000.00	\$140,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$140,000.00	\$140,000.00
8	Clean/Weld Piles to WallCap	10	LF	\$250.00	\$2,500.00	0.00	10.00	10.00	100.00%	\$0.00	\$2,500.00	\$2,500.00
9	Structural Carbon Steel	1	LS	\$60,000.00	\$60,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$60,000.00	\$60,000.00
10	Furn&Drive Test Steel Pile	1	EA	\$7,000.00	\$7,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$7,000.00	\$7,000.00
11	Furnishing St. Piling	306	LF	\$50.00	\$15,300.00	0.00	282.50	282.50	92.32%	\$0.00	\$14,125.00	\$14,125.00
12	Driving St. Piling	11	EA	\$2,000.00	\$22,000.00	0.00	11.00	11.00	100.00%	\$0.00	\$22,000.00	\$22,000.00
13	Bridge Railing ChnLinkFence	108	LF	\$100.00	\$10,800.00	0.00	144.00	144.00	133.33%	\$0.00	\$14,400.00	\$14,400.00
14	Clean&Paint Wall 1	1	LS	\$30,000.00	\$30,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$30,000.00	\$30,000.00
15	Remo SoldierPile Shft Obstrc	1	FA	\$8,000.00	\$8,000.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	\$0.00
16	Shaft-24 inch Diameter	530	LF	\$212.55	\$112,651.50	0.00	532.75	532.75	100.52%	\$0.00	\$113,236.01	\$113,236.01
17	Furn Soldier Pile HP 12X84	710	LF	\$123.00	\$87,330.00	0.00	731.00	731.00	102.96%	\$0.00	\$89,913.00	\$89,913.00
18	Concrete Lagging	1,020	SF	\$70.00	\$71,400.00	0.00	1,020.00	1,020.00	100.00%	\$0.00	\$71,400.00	\$71,400.00
19	Permanent Ground Anchor	18	EA	\$6,500.00	\$117,000.00	0.00	18.00	18.00	100.00%	\$0.00	\$117,000.00	\$117,000.00
20	Perm GrndAnch Perf Test	3	EA	\$1,250.00	\$3,750.00	0.00	3.00	3.00	100.00%	\$0.00	\$3,750.00	\$3,750.00
21	Perm GrndAnch Verify Test	2	LS	\$3,000.00	\$6,000.00	0.00	2.00	2.00	100.00%	\$0.00	\$6,000.00	\$6,000.00
CO - 1	Wall 1 and Work Suspensiion Equitable Adjustment	1	LS	\$47,808.17	\$47,808.17	0.00	1.00	1.00	100.00%	\$0.00	\$47,808.17	\$47,808.17
CO - 3	Wall 1 Replacment Cover Plates, Cleaning and Painting and Void Rep	1	LS	\$70,544.20	\$70,544.20	0.5109	0.00	0.51	51.09%	\$36,044.05	\$58,685.77	\$94,729.82
Roadway												
22	Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$10,000.00	\$10,000.00
23	Removal Structure&Obstruct	1	LS	\$2,500.00	\$2,500.00	0.00	1.00	1.00	100.00%	\$0.00	\$2,500.00	\$2,500.00
24	Remove Existing RetainWall	1	LS	\$10,000.00	\$10,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$10,000.00	\$10,000.00
25	Channel Excavation&Haul	1,570	CY	\$125.00	\$196,250.00	0.00	1,345.00	1,345.00	85.67%	\$0.00	\$168,125.00	\$168,125.00
26	Select Grading (by FA)	1	FA	\$4,000.00	\$4,000.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	\$0.00
27	Gravel Borrow	30	TN	\$75.00	\$2,250.00	0.00	37.50	37.50	125.00%	\$0.00	\$2,812.50	\$2,812.50
27IQ	Gravel Borrow - increased quantities (above 125%)	0	TN	\$70.00	\$0.00	0.00	257.22	257.22	NA	\$0.00	\$18,005.40	\$18,005.40
28	Unsuitable Foundation Excav	25	CY	\$100.00	\$2,500.00	0.00	8.60	8.60	34.40%	\$0.00	\$860.00	\$860.00
29	Dewatering	1	LS	\$3,000.00	\$3,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$3,000.00	\$3,000.00
30	Structure Excavation Class A	110	CY	\$75.00	\$8,250.00	0.00	110.00	110.00	100.00%	\$0.00	\$8,250.00	\$8,250.00
31	Shoring or Extra Exc Class A	1	LS	\$3,000.00	\$3,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$3,000.00	\$3,000.00
32	Trimming and Cleanup	1	LS	\$7,500.00	\$7,500.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	\$0.00
33	Crushed Surf Base Course	54	TN	\$100.00	\$5,400.00	0.00	46.17	46.17	85.50%	\$0.00	\$4,617.00	\$4,617.00
34	Commercial HMA	41	TN	\$250.00	\$10,250.00	0.00	23.25	23.25	56.71%	\$0.00	\$5,812.50	\$5,812.50
CO - #	Change Order Holding Slot											

CITY OF TUKWILA
DEPARTMENT OF PUBLIC WORKS
Riverton Creek Flapgate Removal Project
Project No. 9980103

PE # 17

3/4/2024

Pay Pd. 8/1/2023 to 11/3/2023

ORIGINAL CONTRACT AMOUNT \$1,503,267.15
CHANGE ORDERS OR ADJUSTMENTS: \$78,159.78
ADJUSTED CONTRACT AMOUNT: \$1,581,426.93
NOTICE TO PROCEED: 7/10/2020
CONTRACT (CALENDAR) DAYS: 115
CHANGE ORDER / WEATHER DAYS 0
SCHEDULED COMPLETION DATE: 12/23/2020

Item	Description of item	Qty	Unit	Price	Contract Amount	Quantity this Estimate	Previous Quantity	Quantity to Date	Percent Complete	Amount Due This Estimate	Previous Amount	Total Amount to Date
Roadside Development												
35	Temp Stream Diversion	1	LS	\$90,000.00	\$90,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$90,000.00	\$90,000.00
36	Erosion/Water Poll Prevent	1	LS	\$7,500.00	\$7,500.00	0.00	0.50	0.50	50.00%	\$0.00	\$3,750.00	\$3,750.00
37	High Visibility Fence	135	LF	\$4.00	\$540.00	0.00	150.00	150.00	111.11%	\$0.00	\$600.00	\$600.00
38	Coir Log	360	LF	\$6.00	\$2,160.00	0.00	360.00	360.00	100.00%	\$0.00	\$2,160.00	\$2,160.00
39	Erosion Control Blanket	180	SY	\$2.50	\$450.00	0.00	447.50	447.50	248.61%	\$0.00	\$1,118.75	\$1,118.75
40	PSIPE Acer Circinatum #5 - All PSIPE at 100% 1/26/23	2	EA	\$60.00	\$120.00	0.00	3.00	3.00	150.00%	\$0.00	\$198.00	\$234.00
41	PSIPE Argentina egedii 10"	10	EA	\$25.00	\$250.00	0.00	10.00	10.00	100.00%	\$0.00	\$275.00	\$325.00
42	PSIPE Aruncus dioicus #1	12	EA	\$25.00	\$300.00	0.00	16.00	16.00	133.33%	\$0.00	\$440.00	\$520.00
43	PSIPE Carex lyngbei (& 4" fragaria chiloensis)	10	EA	\$20.00	\$200.00	0.00	130.00	130.00	1300.00%	\$0.00	\$2,860.00	\$3,380.00
44	PSIPE Cornus stoloniferaBdl	15	EA	\$25.00	\$375.00	0.00	15.00	15.00	100.00%	\$0.00	\$412.50	\$487.50
45	PSIPE Cornus stolonifera#1	4	EA	\$25.00	\$100.00	0.00	9.00	9.00	225.00%	\$0.00	\$247.50	\$292.50
46	PSIPE Eleocharis paulstrus	10	EA	\$20.00	\$200.00	0.00	10.00	10.00	100.00%	\$0.00	\$220.00	\$260.00
47	PSIPE Fraxinus latifolia #2	5	EA	\$25.00	\$125.00	0.00	5.00	5.00	100.00%	\$0.00	\$137.50	\$162.50
48	PSIPE Gualtheria shallon #1	20	EA	\$20.00	\$400.00	0.00	49.00	49.00	245.00%	\$0.00	\$1,078.00	\$1,274.00
49	PSIPE Holodiscus discolor#1	5	EA	\$20.00	\$100.00	0.00	5.00	5.00	100.00%	\$0.00	\$110.00	\$130.00
50	PSIPE Lonicera involucrate1	15	EA	\$20.00	\$300.00	0.00	15.00	15.00	100.00%	\$0.00	\$330.00	\$390.00
51	PSIPE Malus fusca #2	5	EA	\$20.00	\$100.00	0.00	7.00	7.00	140.00%	\$0.00	\$154.00	\$182.00
52	PSIPE Physocarpus capitats	8.00	EA	\$20.00	\$160.00	0.00	11.00	11.00	137.50%	\$0.00	\$242.00	\$286.00
53	PSIPE Picea sitchensis	13.00	EA	\$175.00	\$2,275.00	0.00	13.00	13.00	100.00%	\$0.00	\$2,502.50	\$2,957.50
54	PSIPE Polystichum munitum	20.00	EA	\$20.00	\$400.00	0.00	50.00	50.00	250.00%	\$0.00	\$1,100.00	\$1,300.00
55	PSIPE Pseudotsuga menzisi	3	EA	\$175.00	\$525.00	0.00	6.00	6.00	200.00%	\$0.00	\$1,155.00	\$1,365.00
56	PSIPE Ribies sanguineum#1	8	EA	\$20.00	\$160.00	0.00	10.00	10.00	125.00%	\$0.00	\$220.00	\$260.00
57	PSIPE Roa Pisocarpa #1	13	EA	\$20.00	\$260.00	0.00	19.00	19.00	146.15%	\$0.00	\$418.00	\$494.00
58	PSIPE Rubus spectabilis #1	17	EA	\$20.00	\$340.00	0.00	17.00	17.00	100.00%	\$0.00	\$374.00	\$442.00
59	PSIPE Salix hookeriana Live	20	EA	\$25.00	\$500.00	0.00	20.00	20.00	100.00%	\$0.00	\$550.00	\$650.00
60	PSIPE Salix hookeriana Bndl	20	EA	\$50.00	\$1,000.00	0.00	20.00	20.00	100.00%	\$0.00	\$1,100.00	\$1,100.00
61	PSIPE Salix lucida #2	5	EA	\$25.00	\$125.00	0.00	5.00	5.00	100.00%	\$0.00	\$137.50	\$162.50
62	PSIPE Salix scouleriana Live	20	EA	\$25.00	\$500.00	0.00	20.00	20.00	100.00%	\$0.00	\$550.00	\$650.00
63	PSIPE Salix scouleriana Bnd	20	EA	\$25.00	\$500.00	0.00	20.00	20.00	100.00%	\$0.00	\$550.00	\$550.00
64	PSIPE Salix sitchensis Live	20	EA	\$25.00	\$500.00	0.00	20.00	20.00	100.00%	\$0.00	\$550.00	\$650.00
65	PSIPE Salix sitchensis Bndle	20	EA	\$25.00	\$500.00	0.00	20.00	20.00	100.00%	\$0.00	\$550.00	\$550.00
66	PSIPE Sambucus racemosa	6	EA	\$20.00	\$120.00	0.00	6.00	6.00	100.00%	\$0.00	\$132.00	\$156.00
67	PSIPE Symphoricarpos alba	20	EA	\$25.00	\$500.00	0.00	20.00	20.00	100.00%	\$0.00	\$550.00	\$650.00
68	PSIPE SymphoricarposAlb1	20	EA	\$25.00	\$500.00	0.00	47.00	47.00	235.00%	\$0.00	\$1,292.50	\$1,527.50
69	PSIPE Thuja plicata	2	EA	\$200.00	\$400.00	0.00	2.00	2.00	100.00%	\$0.00	\$440.00	\$520.00
70	PSIPE Tsuga heterophylla	4	EA	\$200.00	\$800.00	0.00	4.00	4.00	100.00%	\$0.00	\$880.00	\$1,040.00
71	Topsoil Type A	7	CY	\$70.00	\$490.00	0.00	5.00	5.00	71.43%	\$0.00	\$350.00	\$350.00
72	Compost (Amended Soil)	13	CY	\$70.00	\$910.00	0.00	17.00	17.00	130.77%	\$0.00	\$1,190.00	\$1,190.00
73	Bark&Wood Chip Mulch	13	CY	\$70.00	\$910.00	0.00	24.00	24.00	184.62%	\$0.00	\$1,680.00	\$1,680.00
74	Extruded Curb	240	LF	\$30.00	\$7,200.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	\$0.00
75	Light Loose Riprap	400	TN	\$80.00	\$32,000.00	0.00	506.98	506.98	126.75%	\$0.00	\$40,558.40	\$40,558.40
76	Paint Line	350	LF	\$10.00	\$3,500.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	\$0.00
77	Woody Debr Strct Over Rip Rap	4	EA	\$1,400.00	\$5,600.00	0.00	4.00	4.00	100.00%	\$0.00	\$5,600.00	\$5,600.00

CITY OF TUKWILA
DEPARTMENT OF PUBLIC WORKS
Riverton Creek Flapgate Removal Project
Project No. 9980103

PE # 17

3/4/2024

ORIGINAL CONTRACT AMOUNT \$1,503,267.15
CHANGE ORDERS OR ADJUSTMENTS: \$78,159.78
ADJUSTED CONTRACT AMOUNT: \$1,581,426.93
NOTICE TO PROCEED: 7/10/2020
CONTRACT (CALENDAR) DAYS: 115
CHANGE ORDER / WEATHER DAYS 0
SCHEDULED COMPLETION DATE: 12/23/2020

Pay Pd. 8/1/2023 to 11/3/2023

Item	Description of item	Qty	Unit	Price	Contract Amount	Quantity this Estimate	Previous Quantity	Quantity to Date	Percent Complete	Amount Due This Estimate	Previous Amount	Total Amount to Date
78	SingleLog Wetland Outlet	2	EA	\$1,400.00	\$2,800.00	0.00	2.00	2.00	100.00%	\$0.00	\$2,800.00	\$2,800.00
79	SingleLogWetlandWoodDebr	10	EA	\$1,400.00	\$14,000.00	0.00	10.00	10.00	100.00%	\$0.00	\$14,000.00	\$14,000.00
80	DoubleLogWetlandWoodDeb	2	EA	\$3,000.00	\$6,000.00	0.00	2.00	2.00	100.00%	\$0.00	\$6,000.00	\$6,000.00
81	Floating Silt Curtain	1	LS	\$6,000.00	\$6,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$6,000.00	\$6,000.00
82	Streambed Gravel	241	TN	\$60.00	\$14,460.00	0.00	272.55	272.55	113.09%	\$0.00	\$16,353.00	\$16,353.00
83	Streambed Cobbles 6 In.	54	TN	\$80.00	\$4,320.00	0.00	58.21	58.21	107.80%	\$0.00	\$4,656.80	\$4,656.80
84	Streambed Boulder Two Man	16	EA	\$200.00	\$3,200.00	0.00	32.00	32.00	200.00%	\$0.00	\$6,400.00	\$6,400.00
85	Streambed Boulder 3 Man	130	EA	\$300.00	\$39,000.00	0.00	160.00	160.00	123.08%	\$0.00	\$48,000.00	\$48,000.00
86	Filter Bag	4	EA	\$200.00	\$800.00	0.00	0.00	0.00	0.00%	\$0.00	\$0.00	\$0.00
87	Habitat Snag	3	EA	\$2,000.00	\$6,000.00	0.00	3.00	3.00	100.00%	\$0.00	\$6,000.00	\$6,000.00
88	Art Installation	1	LS	\$2,000.00	\$2,000.00	0.00	1.00	1.00	100.00%	\$0.00	\$2,000.00	\$2,000.00
89	Propery Restoration (by FA)	1	FA	\$5,000.00	\$5,000.00	0.00	1.97	1.97	196.76%	\$0.00	\$9,837.96	\$9,837.96
CO - 2	Viewpoint and Geotextile	1	LS	\$25,522.98	\$25,522.98	0.00	1.00	1.00	100.00%	\$0.00	\$25,522.98	\$25,522.98

SUBTOTAL BRIDGE	\$834,231.50	\$36,044.05	\$939,218.41	\$975,262.46
SALES TAX BRIDGE ITEMS (10.1%)		\$3,640.45	\$22,369.48	\$26,009.93
SALES TAX BRIDGE ITEMS 2020 (10.0%)		\$0.00	\$72,491.58	\$72,491.58
SALES TAX TOTAL		\$3,640.45	\$94,861.06	\$98,501.51
5% RETAINAGE		\$1,802.20	\$46,960.92	\$48,763.12
NET PAYMENT BRIDGE ITEMS		\$37,882.29	\$987,118.55	\$1,025,000.84

SUBTOTAL ROADWAY	\$264,900.00	\$0.00	\$236,982.40	\$236,982.40
SALES TAX STORM ROADWAY ITEMS (10.1%)		\$0.00	\$23,698.24	\$23,698.24
SALES TAX STORM ROADWAY ITEMS 2020 (10.0%)		\$0.00	\$12,241.70	\$12,241.70
SALES TAX TOTAL		\$0.00	\$35,939.94	\$35,939.94
5% RETAINAGE		\$0.00	\$11,849.12	\$11,849.12
NET PAYMENT ROADWAY ITEMS		\$0.00	\$261,073.22	\$261,073.22

SUBTOTAL ROADSIDE DEVELOPMENT	\$267,475.00	\$0.00	\$317,525.89	\$317,525.89
SALES TAX STORM ROADWAY ITEMS (10.1%)		\$0.00	\$31,752.59	\$31,752.59
SALES TAX STORM ROADWAY ITEMS 2020 (10%)		\$0.00	\$3,415.00	\$3,415.00
SALES TAX TOTAL		\$0.00	\$35,167.59	\$35,167.59
5% RETAINAGE		\$0.00	\$15,876.29	\$15,876.29
NET PAYMENT ROADSIDE DEVELOPMENT ITEMS		\$0.00	\$336,817.18	\$336,817.18

Subtotal Amount	1,366,606.50	\$36,044.05	\$1,493,726.70	\$1,529,770.75
Sales Tax (10.1%)	136,660.65	\$3,640.45	\$165,968.59	\$169,609.04
Total 5% Retainage		\$1,802.20	\$74,686.34	\$76,488.54
Total Net Payment	1,503,267.15	\$37,882.29	\$1,585,008.95	\$1,622,891.25

CITY OF TUKWILA				WEEKENDS/HOLIDAYS HIDDEN UNLESS WORK PERFORMED																												FA'S/MON	Total	Total to Date			
Date: 04-Mar-24				1-Aug	2-Aug	3-Aug	4-Aug	5-Aug	6-Aug	7-Aug	8-Aug	9-Aug	10-Aug	11-Aug	12-Aug	13-Aug	14-Aug	15-Aug	16-Aug	17-Aug	18-Aug	19-Aug	20-Aug	21-Aug	22-Aug	23-Aug	24-Aug	25-Aug	26-Aug	27-Aug	28-Aug	29-Aug	30-Aug	31-Aug	Adjustment	% Complete	
Item	Description	Estimate Quantity	Units	Quantity This Estimate																																	
Bridge																																					
1	Mobilization	1	LS	-																																	
2	Contractor Surveying	1	LS	-																																	
3	Unexpected Site Changes	1	FA	-																																	
4	Temp Traffic Control	1	LS	-																																	
5	Temp TrafContr-Private Prop	1	LS	-																																	
6	SPCC	1	LS	-																																	
7	Riverton Creek Bridge	1	LS	-																																	
8	Clean/Weld Piles to WalkCap	10	LF	-																																	
9	Structural Carbon Steel	1	LS	-																																	
10	Furn&Drive Test Steel Pile	1	EA	-																																	
11	Furnishing St. Piling	306	LF	-																																	
12	Driving St. Piling	11	EA	-																																	
13	Bridge Railing Chnl/Link/Fence	108	LF	-																																	
14	Clean&Paint Wall 1	1	LS	-																																	
15	Remo Solder/Pile Shift Obstrc	1	FA	-																																	
16	Shaft-24 inch Diameter	530	LF	-																																	
17	Furn Solder Pile HP-12X84	710	LF	-																																	
18	Concrete Lagging	1020	SF	-																																	
19	Permanent Ground Anchor	18	EA	-																																	
20	Perm GmdAnch Perf 1 Test	3	EA	-																																	
21	Perm GmdAnch Verifc Test	2	LS	-																																	
CO-1	Wall 1 and Suspension Equitable Adjustment	1	LS	-																																	
Roadway																																					
22	Cleaning and Grubbing	1	LS	-																																	
23	Removal Structure&Obstruct	1	LS	-																																	
24	Remove Existing Retainr/Wall	1	LS	-																																	
25	Channel Excavation&Haul	1570	CY	-																																	
26	Suicket Grading (by FA)	1	FA	-																																	
27	Gravel Borrow	30	TN	-																																	
27Q	Gravel Borrow	30	TN	-																																	
28	Unsuitable Foundation Excav	25	CY	-																																	
29	Dewatering	1	LS	-																																	
30	Structure Excavation Class A	110	CY	-																																	
31	Shoring or Extra Exc Class A	1	LS	-																																	
32	Trimming and Cleanup	1	LS	-																																	
33	Crushed Surf Base Course	54	TN	-																																	
34	Commercial HMA	41	TN	-																																	
CO-#	Change Order Holding Slot			-																																	
Roadside Development																																					
35	Temp Stream Diversion	1	LS	-																																	
36	Erosion/Water Poll Prevent	1	LS	-																																	
37	High Visibility Fence	135	LF	-																																	
38	Coir Log	360	LF	-																																	
39	Erosion Control Blanket	180	SY	-																																	
40	PSIFE Acer Chloratum #5	2	EA	-																																	
41	PSIFE Argentina egedi 10"	10	EA	-																																	
42	PSIFE Anuncus dioicus #1	12	EA	-																																	
43	PSIFE Carex lyngbei (& Fragaria chiloensis 4")	10	EA	-																																	
44	PSIFE Cornus stoloniferaBd	15	EA	-																																	
45	PSIFE Cornus stolonifera#1	4	EA	-																																	
46	PSIFE Elyochloa pauciflora	10	EA	-																																	
47	PSIFE Fraxinus latifolia #2	5	EA	-																																	
48	PSIFE Gualtheria shallon #1	20	EA	-																																	
49	PSIFE Holcus discolor#1	5	EA	-																																	
50	PSIFE Lonicera involucrata#1	15	EA	-																																	
51	PSIFE Malus fusca #2	5	EA	-																																	
52	PSIFE Physocarpus capitata	8	EA	-																																	
53	PSIFE Picea sitchensis	13	EA	-																																	
54	PSIFE Polytechum muniflora	20	EA	-																																	
55	PSIFE Pseudotsuga menziesii	3	EA	-																																	
56	PSIFE Rhus sanguinum#1	8	EA	-																																	
57	PSIFE Rosa photocarpa #1	13	EA	-																																	
58	PSIFE Rubus spectabilis #1	17	EA	-																																	
59	PSIFE Salix hookeriana Live	20	EA	-																																	
60	PSIFE Salix hookeriana Bndf	20	EA	-																																	
61	PSIFE Salix lucida #2	5	EA	-																																	
62	PSIFE Salix scouleriana Live	20	EA	-																																	
63	PSIFE Salix scouleriana Bnd	20	EA	-																																	
64	PSIFE Salix sitchensis Live	20	EA	-																																	
65	PSIFE Salix sitchensis Bndle	20	EA	-																																	
66	PSIFE Sambucus racemosa	6	EA	-																																	
67	PSIFE Symphoricarpos alba	20	EA	-																																	
68	PSIFE SymphoricarposAlbt	20	EA	-																																	
69	PSIFE Thuja plicata	2	EA	-																																	
70	PSIFE Tsuga heterophylla	4	EA	-																																	
71	Topsoil Type A	7	CY	-																																	
72	Compost (Amended Soil)	13	CY	-																																	
73	Bark&Wood Chip Mulch	13	CY	-																																	
74	Extruded Curb	240	LF	-																																	
75	Light Loose Riprap	400	TN	-																																	
76	Paint Line	350	LF	-																																	
77	Woody Detr Strct Over Rip Rap	4	EA	-																																	

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

PROJECT: Riverton Creek Flap Gate Removal

Project No. 99830103

DESCRIPTION: Remove two culverts and flap gates that confluence with the Duwamish River; daylight creek, install trail bridge over creek, habitat improvements and planting for 1,200 lineal feet of creek, inc 1/4 acre backwater wetland habitat and 400 ft of river; associated structural improvements for TIB roadway and adjacent commercial property.

JUSTIFICATION: Increase available salmonid rearing habitat and increase flood refuge in lower Duwamish River. Improve fish access to Riverton Creek and enhance salmon rearing and resting area.

STATUS: Project construction began in 2020.

MAINT. IMPACT: Expected to increase maintenance.

COMMENT: Construction funding from the State RCO Salmon Recovery Funding Board, King County Cooperative Watershed Management, King County Opportunity Funds, the WRIA 9 Re-green the Green Program and City Surface Water Funds.

FINANCIAL (in \$000's)	Through Estimated		2021	2022	2023	2024	2025	2026	BEYOND	TOTAL
	2019	2020								
EXPENSES										
Design	391									391
Land (R/W)										0
Monitoring			25							25
Const. Mgmt.		200	5							205
Construction		1,654	25							1,679
TOTAL EXPENSES	391	1,854	55	0	0	0	0	0	0	2,300
FUND SOURCES										
Awarded Grant RCO	116	781								897
King County Grant		240	50							290
People for Puget S Mitigation Expected	30									30
Utility Revenue	245	833	5	0	0	0	0	0	0	1,083
TOTAL SOURCES	391	1,854	55	0	0	0	0	0	0	2,300

