



# City of Tukwila Transportation and Infrastructure Committee

- ❖ Cynthia Delostrinos Johnson, Chair
- ❖ Verna Seal
- ❖ Kate Kruller

<b>Distribution:</b> C. Delostrinos Johnson V. Seal K. Kruller K. Hougardy D. Quinn L. Humphrey H. Hash H. Ponnekanti H. Kirkland G. Labanara B. Still	City Attorney A. Youn Clerk File Copy 2 Extra  Place pkt pdf on SharePoint: Z Trans & Infra Agendas  e-mail cover to: F. Ayala, A. Le, C. O'Flaherty, A. Youn, B. Saxton, S. Norris, L. Humphrey
---	---


## AGENDA

**MONDAY, MAY 04, 2020 – 5:30 PM**

**Virtual Meeting - Members of the public may listen by dialing 1-253-292-9750 and entering conference ID 705 230 389 #  
(6300 BUILDING, SUITE 100)**

Item	Recommended Action	Page
<b>1. PRESENTATIONS</b>  <b>2. BUSINESS AGENDA</b>  a) BAR over Airport Way Bridge Seismic Retrofit Bid Award to Razz Construction (Adam Cox)  b) Surface Water Fund - S 131 <sup>st</sup> Place Drainage Grant Applications (Ryan Larson)	a) Same night, forward to 5/4/20 Regular Consent Agenda, per Council President's approval  b) Committee approval	Pg. 1    Pg. 5
<b>3. MISCELLANEOUS</b>	<b>Future Agendas: Concurrency</b>	

**Next Scheduled Meeting: Monday, May 18, 2020**

 *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 Committee  
 FROM: Henry Hash, Public Works Director *H.H.*  
 BY: Adam Cox, Transportation Project Manager  
 CC: Mayor Ekberg  
 DATE: May 1, 2020  
 SUBJECT: Boeing Access Road over Airport Way Bridge Seismic Retrofit Project  
Project No. 91310407  
Bid Award

### ISSUE

Award the construction bid to Razz Construction, Inc. (Razz) for the Boeing Access Road over Airport Way Bridge Rehabilitation Project.

### BACKGROUND

A call for bids was advertised on March 3 and 10, 2020 and three addenda were issued addressing clarifications in the bid documents. Five bids were opened on April 7, 2020, and the apparent low bid was from Razz Construction.

### DISCUSSION

The submitted construction bids were reviewed and tabulated and no irregularities were observed. There were no errors in the bid submitted by Razz. WSDOT concurrence is required to award the bid for a federally funded project, including a review of Disadvantaged Business Enterprise (DBE) requirements. WSDOT has concurred that the DBE requirements has been fulfilled.

Razz completed the seismic upgrades in Tukwila on the Frank Zepp Bridge (S 180<sup>th</sup> Street Bridge) in 2017 and has experience with projects of similar size and scope. Razz does not have any exceptions and has not been debarred from working on federally funded projects.

### FISCAL IMPACT

	<u>Bid</u>	<u>Eng. Estimate</u>	<u>Budget</u>
Razz Construction	\$ 1,442,505.00	\$ 1,610,538.00	\$ 2,094,000.00
Contingency (25%)	<u>360,626.00</u>		
Total	<u>\$ 1,803,131.00</u>	<u>\$ 1,610,538.00</u>	<u>\$ 2,094,000.00</u>

### RECOMMENDATION

Council is being asked to award the construction bid to Razz Construction, Inc. in the amount of \$1,442,505.00 for the Boeing Access Road over Airport Way Bridge Seismic Retrofit Project and to consider this item that same night on the Consent Agenda at the May 4, 2020 Regular Meeting.

Attachments: Page 13, 2019 CIP  
Bid Tabulation

# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2019 to 2024

**PROJECT:** **Boeing Access Rd over Airport Way Seismic Retrofit** Project No. 91310407

**DESCRIPTION:** Provide seismic modifications to the Boeing Access Road over Airport Way Bridge to allow it to withstand earthquake forces.

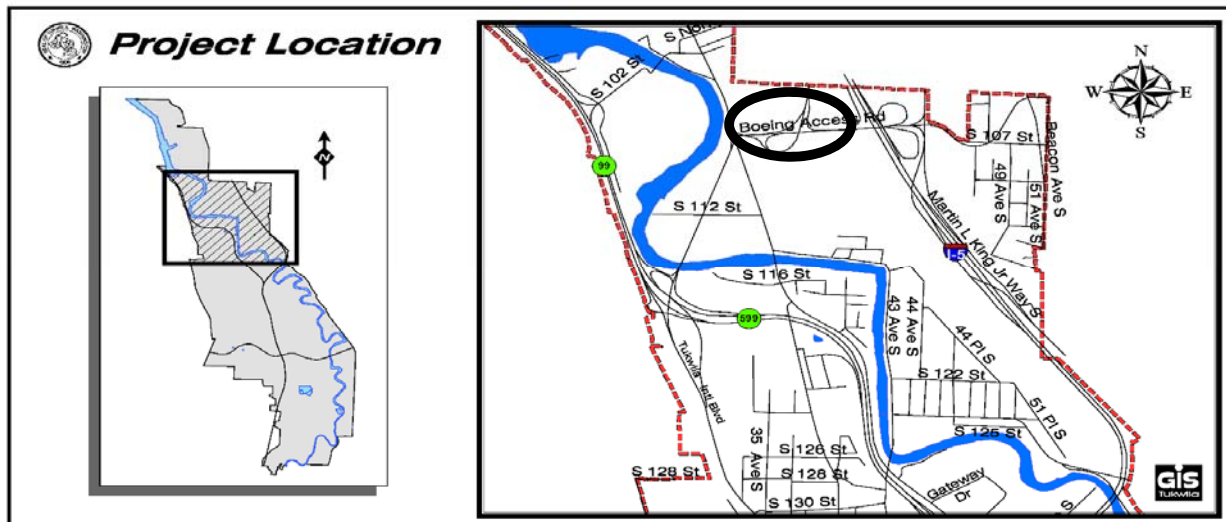
**JUSTIFICATION:** The Boeing Access Road over Airport Way Bridge is the final bridge on the corridor from I-5 to the King County Airport and Boeing facilities that has not been seismically upgraded. This improvement would allow the entire corridor to be seismically resistant during an earthquake.

**STATUS:** New Project for 2019 - 2024 CIP. Design is scheduled to begin in the second quarter of 2018 with construction in 2020.

**MAINT. IMPACT:** Maintenance should remain the same after the seismic items are installed.

**COMMENT:** Design requires a 13.5% match. If construction is not authorized by December 2020, the City would be required to provide a 13.5% match. If construction is authorized prior to that date, there would be no City match. We believe that the project can obtain the construction authorization so no City funding is listed below.

FINANCIAL (in \$000's)	Through 2017	Estimated 2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
<b>EXPENSES</b>										
Design		100	267							367
Land (R/W)										0
Const. Mgmt.				520						520
Construction				2,094						2,094
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>100</b>	<b>267</b>	<b>2,614</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,981</b>
<b>FUND SOURCES</b>										
Awarded BRAC Grant		87	231	2,614						2,932
Proposed Grant										0
Fund Balance-Bond										0
Mitigation										0
City Oper. Revenue	0	13	36	0	0	0	0	0	0	49
<b>TOTAL SOURCES</b>	<b>0</b>	<b>100</b>	<b>267</b>	<b>2,614</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,981</b>



S Boeing Access Road over Airport Way Bridge Seismic Retrofit

**Certified Bid Tab**


ITEM NO.	ITEM	UNITS	QUANTITY	Engineer's Estimate		Razz Construction, Inc.		Kraemer North America, LLC.		Combined Construction, Inc.		Stellar J Corporation		Massana Construction, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	MOBILIZATION	LS	1	\$ 146,413	\$ 146,413	\$ 144,000	\$ 144,000	\$ 150,000	\$ 150,000	\$ 180,000	\$ 180,000	\$ 200,000	\$ 200,000	\$ 200,000	\$ 200,000
2	STRUCTURE SURVEYING	LS	1	\$ 18,000	\$ 18,000	\$ 12,000	\$ 12,000	\$ 6,500	\$ 6,500	\$ 20,000	\$ 20,000	\$ 12,000	\$ 12,000	\$ 12,000	\$ 12,000
3	TYPE B PROGRESS SCHEDULE	LS	1	\$ 10,000	\$ 10,000	\$ 3,000	\$ 3,000	\$ 5,000	\$ 5,000	\$ 2,500	\$ 2,500	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
4	UNEXPECTED SITE CHANGES	FA	1	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
5	RESOLUTION OF UTILITY CONFLICTS	FA	1	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000	\$ 30,000
6	AS-BUILT RECORDING	LS	1	\$ 10,000	\$ 10,000	\$ 1,500	\$ 1,500	\$ 2,500	\$ 2,500	\$ 4,700	\$ 4,700	\$ 1,000	\$ 1,000	\$ 2,500	\$ 2,500
7	CONTRACTOR'S DAILY DIARY	LS	1	\$ 25,000	\$ 25,000	\$ 2,000	\$ 2,000	\$ 5,000	\$ 5,000	\$ 5,100	\$ 5,100	\$ 1,000	\$ 1,000	\$ 2,500	\$ 2,500
8	REIMBURSEMENT FOR THIRD PARTY DAMAGE	EST	1	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000
9	SPPC PLAN	LS	1	\$ 20,000	\$ 20,000	\$ 2,000	\$ 2,000	\$ 2,500	\$ 2,500	\$ 5,000	\$ 5,000	\$ 2,000	\$ 2,000	\$ 4,000	\$ 4,000
10	PORTABLE ILLUMINATION	EA	4	\$ 2,500	\$ 10,000	\$ 5,300	\$ 21,200	\$ 1,000	\$ 4,000	\$ 2,000	\$ 8,000	\$ 1,500	\$ 6,000	\$ 2,500	\$ 10,000
11	CONTRACTOR PROVIDED UNIFORMED POLICE OFFICER	HR	120	\$ 125	\$ 15,000	\$ 105	\$ 12,600	\$ 158	\$ 18,960	\$ 140	\$ 16,800	\$ 125	\$ 15,000	\$ 120	\$ 14,400
12	TRAFFIC CONTROL SUPERVISOR	LS	1	\$ 60,000	\$ 60,000	\$ 7,400	\$ 7,400	\$ 12,500	\$ 12,500	\$ 50,000	\$ 50,000	\$ 30,000	\$ 30,000	\$ 80,000	\$ 80,000
13	TEMPORARY EROSION & SEDIMENT CONTROL AND WATER POLLUTION PREVENTION (INCLUDING SWPPP IMPLEMENTATION)	LS	1	\$ 20,000	\$ 20,000	\$ 21,000	\$ 21,000	\$ 65,000	\$ 65,000	\$ 23,400	\$ 23,400	\$ 25,000	\$ 25,000	\$ 35,000	\$ 35,000
14	PROJECT TEMPORARY TRAFFIC CONTROL	LS	1	\$ 225,000	\$ 225,000	\$ 363,500	\$ 363,500	\$ 330,000	\$ 330,000	\$ 276,900	\$ 276,900	\$ 400,000	\$ 400,000	\$ 479,500	\$ 479,500
15	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LS	1	\$ 75,000	\$ 75,000	\$ 25,000	\$ 25,000	\$ 35,000	\$ 35,000	\$ 56,000	\$ 56,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 60,000
16	STRUCTURE EXCAVATION CLASS A INCL. HAUL	CY	200	\$ 105	\$ 21,000	\$ 120	\$ 24,000	\$ 110	\$ 22,000	\$ 1,000.0	\$ 20,000	\$ 250	\$ 50,000	\$ 560.0	\$ 12,000
17	SHORING OR EXTRA EXCAVATION CL. A	LS	1	\$ 45,000	\$ 45,000	\$ 13,000	\$ 13,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 1,500	\$ 1,500	\$ 90,000	\$ 90,000
18	CRUSHED SURFACING BASE COURSE	TON	30	\$ 155	\$ 4,650	\$ 25	\$ 750	\$ 325	\$ 9,750	\$ 175	\$ 5,250	\$ 200	\$ 6,000	\$ 65	\$ 1,950
19	WORK PLATFORM AND CONTAINMENT SYSTEM	LS	1	\$ 115,000	\$ 115,000	\$ 12,000	\$ 12,000	\$ 60,000	\$ 60,000	\$ 70,000	\$ 70,000	\$ 30,000	\$ 30,000	\$ 75,000	\$ 75,000
20	CONC. CLASS 4000 FOR BRIDGE	CY	28	\$ 2,500	\$ 70,000	\$ 2,000	\$ 56,000	\$ 3,500	\$ 98,000	\$ 9,800	\$ 274,400	\$ 4,000	\$ 112,000	\$ 4,500	\$ 126,000
21	ST. REINF. BAR FOR BRIDGE	LB.	3,900	\$ 2	\$ 7,215	\$ 2	\$ 7,410	\$ 2	\$ 7,800	\$ 3	\$ 9,750	\$ 3	\$ 11,700	\$ 3	\$ 11,700
22	EXPANSION JOINT SYSTEM COMPRESSION SEAL - SUPERSTR.	LF	115	\$ 150	\$ 17,250	\$ 133	\$ 15,295	\$ 55	\$ 6,325	\$ 70	\$ 8,050	\$ 40	\$ 4,600	\$ 120	\$ 13,800
23	BRIDGE APPROACH SLAB	SY	342	\$ 400	\$ 136,800	\$ 425	\$ 144,350	\$ 400	\$ 136,800	\$ 740	\$ 253,080	\$ 300	\$ 102,600	\$ 400	\$ 136,800
24	TRANSVERSE STOP BEARING	EA	16	\$ 135	\$ 2,160	\$ 300	\$ 4,800	\$ 425	\$ 6,800	\$ 325	\$ 5,200	\$ 500	\$ 8,000	\$ 200	\$ 3,200
25	EPOXY DOWELS	EA	580	\$ 40	\$ 23,200	\$ 40	\$ 23,200	\$ 40	\$ 23,200	\$ 50	\$ 29,000	\$ 100	\$ 58,000	\$ 50	\$ 29,000
26	COLUMN JACKETING	LS	1	\$ 405,000	\$ 405,000	\$ 393,500	\$ 393,500	\$ 509,000	\$ 509,000	\$ 330,000	\$ 330,000	\$ 780,000	\$ 780,000	\$ 545,000	\$ 545,000
27	DRAIN PIPE 4 IN. DIAM.	LF	70	\$ 55	\$ 3,850	\$ 100	\$ 7,000	\$ 90	\$ 6,300	\$ 200	\$ 14,000	\$ 100	\$ 7,000	\$ 70	\$ 4,900
28	FA-SITE CLEANUP OF BIO. AND PHYSICAL HAZARDS	FA	1	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
29	ROADSIDE CLEANUP	FA	1	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
30	PROPERTY RESTORATION	FA	1	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000

Subtotal: \$ 1,610,538 \$ 1,442,505 \$ 1,672,935 \$ 1,817,130 \$ 2,043,400 \$ 2,079,250

Contingency and Miscellaneous \$ 515,372

Total Construction Cost: \$ 2,125,910

Errors in Contractor Bid Proposals:  
 1 No errors observed in the tabulation

Certified by  Date April 9, 2020  
 Adam Cox, P.E., Transportation Project Manager





## INFORMATIONAL MEMORANDUM

**TO:** Transportation and Infrastructure Committee  
**FROM:** Henry Hash, Public Works Director *HH*  
**BY:** Ryan Larson, Senior Program Manager  
**CC:** Mayor Ekberg  
**DATE:** May 1, 2020  
**SUBJECT:** Surface Water Fund - S 131<sup>st</sup> PI Drainage Improvements  
Project No. 91641204  
Grant Application

### ISSUE

Authorize the submittal of grant applications to the King County Flood Control District (2020 Flood Reduction Grants) and other future grants that become available.

### BACKGROUND

Southgate Creek flows along the western shoulder and under S 131<sup>st</sup> Place and then onto the Normed site (also near Far West Paint). During large storm events, the Southgate creek overflows its bank and flows over S 131<sup>st</sup> Place and through the Normed access road, resulting in debris deposition on the roadway and the private access road. This flooding is the result of a combination of excessive sedimentation within the downstream private property portion of the stream and within the roadway cross culvert, as well as a lack of sufficient freeboard to contain the creek during high flows.

### DISCUSSION

Storm drainage improvements to S 131<sup>st</sup> Place are required to increase the available creek freeboard as well as replacing the existing cross culvert. All stormwater improvements to the existing creek and cross culvert will require a Hydraulic Project Approval (HPA) from the Washington Department of Fish and Wildlife.

Grant applications are being sought from various organizations and the King County Flood Control District. Design consultant selection is anticipated to begin in the Summer of 2020 and construction is planned for 2022.

### FISCAL IMPACT

The S 131<sup>st</sup> Place Drainage Improvement project has \$790,000 available in surface water funding for design and construction. The proposed grant funds will provide additional funding for the project. Matching funds are encouraged, but not required for the 2020 Flood Reduction Grants.

### RECOMMENDATION

Committee approval to seek available grant funding through King County Flood Control District and other grant opportunities that may become available for the South 131<sup>st</sup> Place Drainage Improvement Project.

Attachment: Pg.100, 2019 CIP

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2019 to 2024

**PROJECT:** **S 131st Place Drainage Improvements** Project No. 91641204

**DESCRIPTION:** Design and replace an existing 36" culvert under S. 131st Pl. Raise the roadway approximately 18" and/or provide a concrete wall or other means to keep Southgate Creek within its banks during storm events.

**JUSTIFICATION:** Southgate Creek overtops its bank several times per year during storm events and runs through private property. Debris is deposited within a private driveway and storm system.

**STATUS:** Maintenance is performed annually on the creek to remove excess sedimentation to reduce the likelihood of flooding.

**MAINT. IMPACT:** Reduce the frequency of stream sediment removal and storm cleanup.

**COMMENT:** Project will require an HPA. Look at combining with a future overlay project to reduce overall costs.

FINANCIAL (in \$000's)	Through		Estimated							TOTAL
	2017	2018	2019	2020	2021	2022	2023	2024	BEYOND	
<b>EXPENSES</b>										
Design				100						100
Land (R/W)										0
Const. Mgmt.					90					90
Construction					600					600
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>690</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>790</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	0	0	0	100	690	0	0	0	0	790
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>690</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>790</b>

