



## 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.

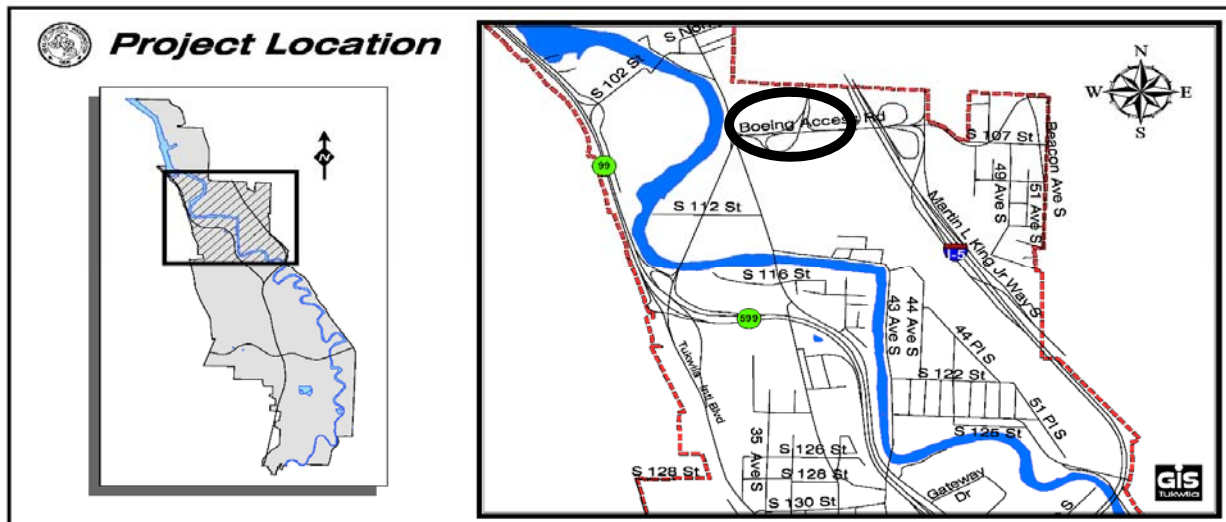
**JUSTIFICATION:** The Boeing Access Road over Airport Way Bridge is the final bridge on the corridor from I-5 to the King County Airport and Boeing facilities that has not been seismically upgraded. This improvement would allow the entire corridor to be seismically resistant during an earthquake.

**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	\$ 3,750	\$ 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	\$ 144,525	\$ 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