



INFORMATIONAL MEMORANDUM

TO: City Council
FROM: Henry Hash, Public Works Director
BY: Scott Bates, Traffic Coordinator
CC: Mayor Ekberg
DATE: February 15, 2019
SUBJECT: S 140th St Intersection Improvements - S 141st St RRFB Pedestrian Crossings
Project No. 91610405
Bid Award

ISSUE

Award the bid for construction of the S 141st St Rectangular Rapid Flashing Beacon (RRFB) Pedestrian Crossings.

BACKGROUND

This project includes the installation of two new RRFB pedestrian crossings at South 141st Street and Tukwila International Boulevard that will improve pedestrian safety.

ANALYSIS

A call for bids was advertised for the S 141st St RRFB Pedestrian Crossings on January 28 and February 4, 2019. Four bids were opened on Thursday, February 14, 2019 (after a three-day snow delay). The lowest apparent bidder was Westwater Construction Company with a bid of \$221,300.00.

Due to time constraints, the bid award is being presented directly to Council, with prior approval received from the Transportation and Infrastructure Committee.

BUDGET AND BID SUMMARY (All amounts include sales tax)

Table with 4 columns: Bid Results, Engineer's Estimate, Budget, and Base Bid/Contingency/Totals.

RECOMMENDATION

Council is being asked to award the construction of the South 141st Street Rectangular Rapid Flashing Beacon (RRFB) Pedestrian Crossings to Westwater Construction Company in the amount of \$221,300.00 and consider this item at the February 19, 2019 Regular Meeting.

ATTACHMENTS

- 2019 CIP, page 20
Bid Tabulation

City of Tukwila
S 140th St Intersection Improvements (S. 141st St RRFB Pedestrian Crossings)



Certified Bid Tab
February 14, 2019

Bid Item	Item	Quantity	Unit	Engineers Estimate		Westwater		Axum		Transportation Sys		Titan	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
BASE BID: Tukwila International Blvd & S 141st St RRFB Pedestrian Crossings													
1	Unexpected Site Changes	1	FA	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
2	ADA Feature Surveying	1	LS	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$2,350.00	\$2,350.00	\$4,500.00	\$4,500.00	\$7,500.00	\$7,500.00
3	SPCC Plan	1	LS	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$288.00	\$288.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
4	Mobilization	1	LS	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$56,000.00	\$56,000.00	\$27,000.00	\$27,000.00	\$23,764.00	\$23,764.00
5	Project Temporary Traffic Control	1	LS	\$35,000.00	\$35,000.00	\$11,000.00	\$11,000.00	\$19,000.00	\$19,000.00	\$36,000.00	\$36,000.00	\$18,601.00	\$18,601.00
6	Clearing and Grubbing	1	LS	\$3,000.00	\$3,000.00	\$2,500.00	\$2,500.00	\$4,620.00	\$4,620.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
7	Cement Conc. Sidewalk Removal Incl. Haul	190	SY	\$55.00	\$10,450.00	\$50.00	\$9,500.00	\$29.75	\$5,652.50	\$31.00	\$5,890.00	\$40.00	\$7,600.00
8	Cement Conc. Curb Removal Incl. Haul	170	LF	\$25.00	\$4,250.00	\$15.00	\$2,550.00	\$17.50	\$2,975.00	\$25.00	\$4,250.00	\$12.00	\$2,040.00
9	Roadway Excavation Incl. Haul	30	CY	\$47.00	\$1,410.00	\$80.00	\$2,400.00	\$158.00	\$4,740.00	\$80.00	\$2,400.00	\$150.00	\$4,500.00
10	Crushed Surfacing Top Course	60	TON	\$48.00	\$2,880.00	\$75.00	\$4,500.00	\$54.00	\$3,240.00	\$60.00	\$3,600.00	\$110.00	\$6,600.00
11	HMA Cl. 1/2 In. PG 64-22	50	TON	\$130.00	\$6,500.00	\$250.00	\$12,500.00	\$311.00	\$15,550.00	\$265.00	\$13,250.00	\$200.00	\$10,000.00
12	Adjust Catch Basin to Grade	2	EA	\$800.00	\$1,600.00	\$1,250.00	\$2,500.00	\$362.00	\$724.00	\$750.00	\$1,500.00	\$300.00	\$600.00
13	Erosion/Water Pollution Control	1	LS	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$479.00	\$479.00	\$2,500.00	\$2,500.00	\$500.00	\$500.00
14	Inlet Protection	15	EA	\$100.00	\$1,500.00	\$50.00	\$750.00	\$25.50	\$382.50	\$70.00	\$1,050.00	\$50.00	\$750.00
15	High Visibility Silt Fence	80	LF	\$8.00	\$640.00	\$5.00	\$400.00	\$3.50	\$280.00	\$10.00	\$800.00	\$10.00	\$800.00
16	Topsoil Type A	10	CY	\$60.00	\$600.00	\$50.00	\$500.00	\$113.00	\$1,130.00	\$100.00	\$1,000.00	\$100.00	\$1,000.00
17	Bark or Wood Chip Mulch	8	CY	\$60.00	\$480.00	\$50.00	\$400.00	\$127.00	\$1,016.00	\$100.00	\$800.00	\$100.00	\$800.00
18	PS Cotoneaster dammeri 'Eichholz'/ Eichholz Cotoneaster; 1 Gal. Cont.	15	EA	\$25.00	\$375.00	\$150.00	\$2,250.00	\$26.00	\$390.00	\$25.00	\$375.00	\$25.00	\$375.00
19	Cement Conc. Type 410C Curb	150	LF	\$25.00	\$3,750.00	\$35.00	\$5,250.00	\$50.35	\$7,552.50	\$55.00	\$8,250.00	\$60.00	\$9,000.00
20	Cement Conc. Traffic Curb and Gutter	240	LF	\$30.00	\$7,200.00	\$25.00	\$6,000.00	\$50.40	\$12,096.00	\$55.00	\$13,200.00	\$70.00	\$16,800.00
21	Cement Con. Extruded Curb, Type 6	80	LF	\$10.00	\$800.00	\$35.00	\$2,800.00	\$17.00	\$1,360.00	\$10.00	\$800.00	\$40.00	\$3,200.00
22	Curb Paint	200	LF	\$4.00	\$800.00	\$10.00	\$2,000.00	\$2.15	\$430.00	\$5.00	\$1,000.00	\$5.00	\$1,000.00
23	Cement Conc. Sidewalk	150	SY	\$40.00	\$6,000.00	\$75.00	\$11,250.00	\$92.65	\$13,897.50	\$70.00	\$10,500.00	\$100.00	\$15,000.00
24	Cement Conc. Curb Ramp	4	EA	\$2,200.00	\$8,800.00	\$3,000.00	\$12,000.00	\$2,216.70	\$8,866.80	\$2,500.00	\$10,000.00	\$5,000.00	\$20,000.00
25	Detectable Warning Surface	140	SF	\$50.00	\$7,000.00	\$50.00	\$7,000.00	\$74.00	\$10,360.00	\$100.00	\$14,000.00	\$50.00	\$7,000.00
26	Rectangular Rapid Flashing Beacon (RRFB) System at S 141st Street & TIB Intersection	1	LS	\$29,000.00	\$29,000.00	\$35,000.00	\$35,000.00	\$41,950.00	\$41,950.00	\$49,000.00	\$49,000.00	\$50,125.00	\$50,125.00
27	Rectangular Rapid Flashing Beacon (RRFB) System South of S 141st Street & TIB Intersection	1	LS	\$29,000.00	\$29,000.00	\$35,000.00	\$35,000.00	\$41,950.00	\$41,950.00	\$49,000.00	\$49,000.00	\$50,017.00	\$50,017.00
28	Permanent Signing	5	EA	\$250.00	\$1,250.00	\$500.00	\$2,500.00	\$317.00	\$1,585.00	\$1,000.00	\$5,000.00	\$500.00	\$2,500.00
29	Thermoplastic Crosswalk Line	380	SF	\$10.00	\$3,800.00	\$10.00	\$3,800.00	\$5.25	\$1,995.00	\$4.00	\$1,520.00	\$20.00	\$7,600.00
30	Thermoplastic Plastic Yield Line Symbol	30	EA	\$90.00	\$2,700.00	\$100.00	\$3,000.00	\$27.00	\$810.00	\$20.00	\$600.00	\$85.00	\$2,550.00
31	Plastic Wide Line	1300	LF	\$3.50	\$4,550.00	\$1.00	\$1,300.00	\$3.25	\$4,225.00	\$3.00	\$3,900.00	\$5.00	\$6,500.00
32	Remove Pavement Markings	1	LS	\$2,000.00	\$2,000.00	\$1,500.00	\$1,500.00	\$675.00	\$675.00	\$500.00	\$500.00	\$500.00	\$500.00
33	Non-Skid Surface Treatment	25	SF	\$50.00	\$1,250.00	\$70.00	\$1,750.00	\$75.00	\$1,875.00	\$50.00	\$1,250.00	\$50.00	\$1,250.00
34	Tubular Marker	7	EA	\$150.00	\$1,050.00	\$200.00	\$1,400.00	\$135.00	\$945.00	\$100.00	\$700.00	\$150.00	\$1,050.00
				CALCULATED CONSTRUCTION BID	\$219,635.00	\$	221,300.00	\$	279,389.80	\$	287,635.00	\$	295,522.00
				ACTUAL CONSTRUCTION BIDS	\$	221,300.00	\$	279,389.80	\$	287,635.00	\$	295,522.00	\$

No Errors in Contractor Bid Proposals.

The Unit Prices shown are what was included in the Engineer's Estimate read at bid opening.

Certified by Scott Bates, Traffic Engineering Coordinator Date 2/14/2019