



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee
FROM: Henry Hash, Public Works Director
BY: Scott Bates, Traffic Engineering Project Manager
CC: Mayor Ekberg
DATE: July 17, 2020
SUBJECT: 2020 Overlay and Repair Program Project
Project No. 92010401
Bid Award to Miles Resources, LLC

ISSUE

Award the bid for construction of the 2020 Overlay and Repair Program.

BACKGROUND

The Overlay and Repair Program preserves and maintains the street structure in a safe and useable condition. Due to budgetary impacts of Covid-19, this year's Overlay program was reduced to two locations and advertising was delayed by three months. Construction will include pavement repairs and an asphalt overlay on S158th Street from 39th PI S to 42nd Ave S and 54th Ave South from S 166th St to Slade Way.

ANALYSIS

A call for bids was advertised for the 2020 Overlay and Repair Program on June 23 and 30, 2020 and three bids were opened on July 7, 2020. The confirmed lowest bidder was Miles Resources, LLC. with a bid of \$299,449.05 with an Engineer's Estimate was \$296,735.00. There were no bidding errors.

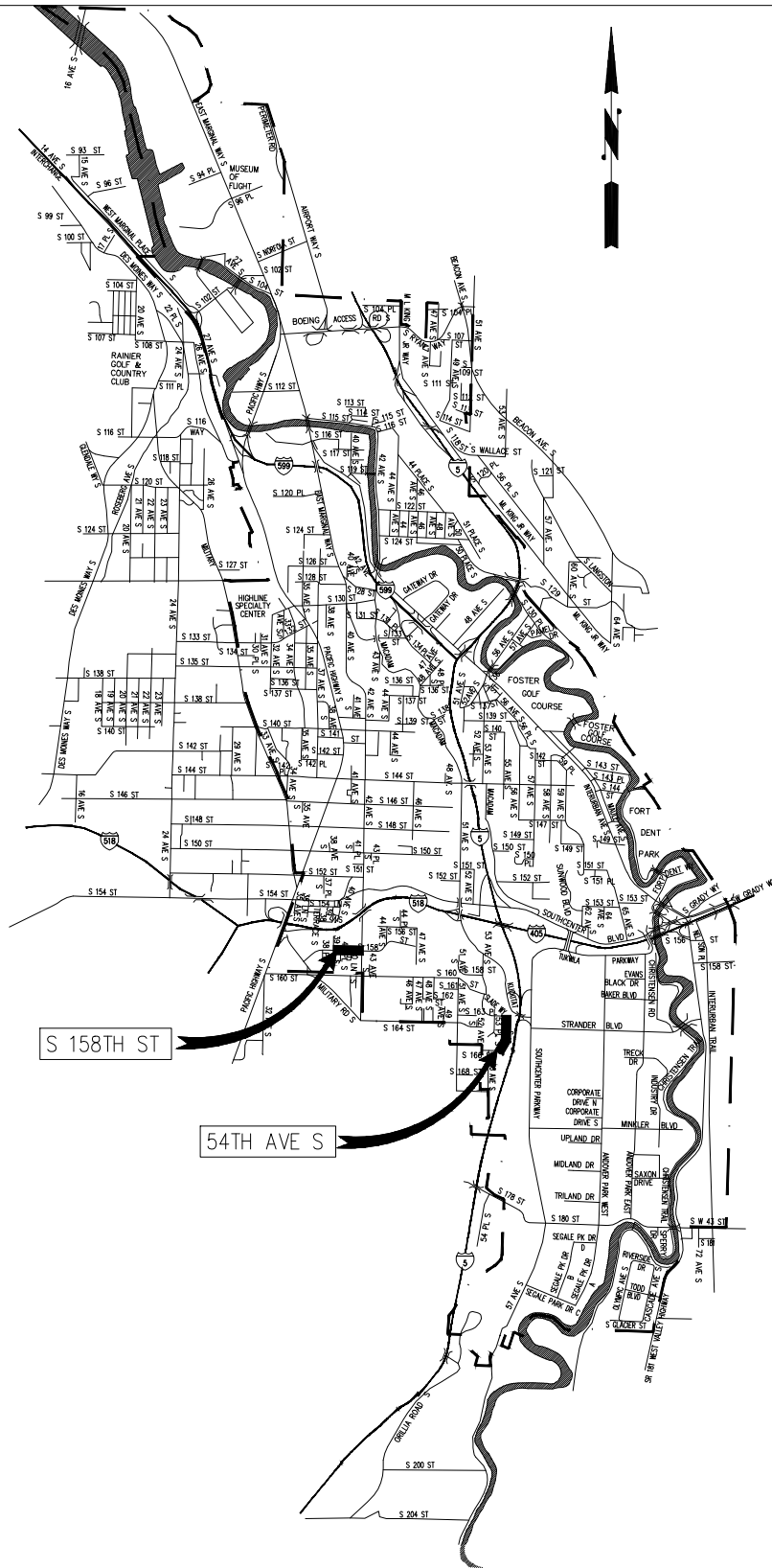
BUDGET AND BID SUMMARY (All amounts include sales tax)

Table with 4 columns: Bid Results, Engineer's Estimate, 2020 Budget. Rows include Bid Schedule 'A' Overlay, Contingency (5%), and Total.

RECOMMENDATION

Council is being asked to award the construction contract for the 2020 Overlay and Repair Program to Miles Resources, LLC in the amount of \$299,449.05 and to consider this item under New Business at the July 20, 2020 Regular Meeting.

ATTACHMENTS: Vicinity Map
Page 16, 2019 CIP
Bid Tabulation



2020 TUKWILA OVERLAY

VICINITY MAP

92010401

07/08/2020

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2019 to 2024

PROJECT: **Annual Overlay and Repair Program** Project No. 9xx10401

DESCRIPTION: Select, design and construct asphalt and concrete pavement overlays of arterial and residential streets.

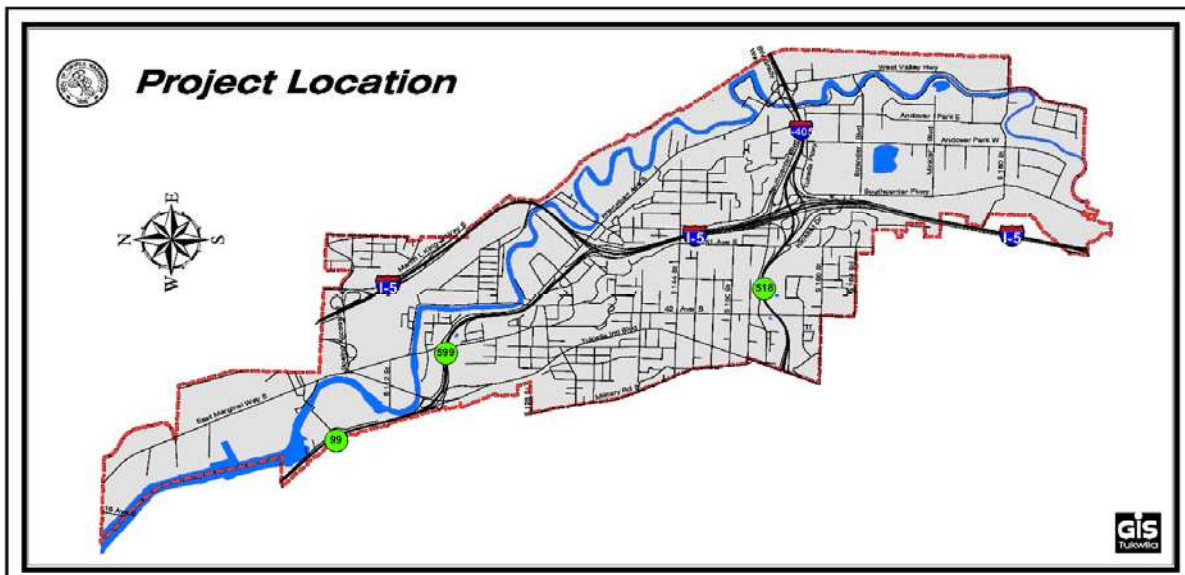
JUSTIFICATION: Preserve and maintain the street structure in a safe and useable state by resurfacing before failure which also minimizes costs. Some individual sites may be coordinated with water, sewer, and surface water projects.

STATUS: Each year various sections of roadway throughout the City are designed and constructed for asphalt overlay.

MAINT. IMPACT: Reduces annual maintenance.

COMMENT: Ongoing project. Only one year actuals shown in first column.

FINANCIAL (in \$000's)	Through 2017	Estimated 2018	2019	2020	2021	2022	2023	2024	BEYOND	TOTAL
EXPENSES										
Design	149	150	150	150	150	150	150	150	150	1,349
Land (R/W)										0
Const. Mgmt.	151	200	200	200	200	200	200	200	200	1,751
Construction	526	1,050	1,050	1,050	1,050	1,050	1,050	1,050	1,050	8,926
TOTAL EXPENSES	826	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	12,026
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	826	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	12,026
TOTAL SOURCES	826	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	12,026



CITY OF TUKWILA
DEPARTMENT OF PUBLIC WORKS
2020 Overlay Program
BID TABULATION
 Tukwila Project # 92010401
 July 07, 2020

Apparent Low Bid

No.	Section No.	Item	Qty	Unit	Engineer's Estimate		Miles Resources, LLC		Tucci & Sons, Inc		Lakeside Industries	
					Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
SCHEDULE A - Overlay Program												
ROADWAY												
1	1-04	Unexpected Site Changes	1	FA	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00	\$ 6,000.00
2	1-05	ADA Features Surveying	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 3,140.00	\$ 3,140.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00
3	1-07	Resolution of Utility Conflicts	1	FA	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
4	1-07	SPCC Plan	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 520.00	\$ 520.00	\$ 250.00	\$ 250.00	\$ 100.00	\$ 100.00
5	1-09	Mobilization	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00	\$ 60,000.00	\$ 60,000.00	\$ 54,500.00	\$ 54,500.00
6	1-10	Project Temporary Traffic Control	1	LS	\$ 5,500.00	\$ 5,500.00	\$ 43,000.00	\$ 43,000.00	\$ 35,000.00	\$ 35,000.00	\$ 60,000.00	\$ 60,000.00
7	2-02	Asphalt Pavement Removal	70	SY	\$ 45.00	\$ 3,150.00	\$ 54.25	\$ 3,797.50	\$ 12.00	\$ 840.00	\$ 14.00	\$ 980.00
8	2-02	Cement Conc. Sidewalk Removal Incl. Haul	60	SY	\$ 55.00	\$ 3,300.00	\$ 41.00	\$ 2,460.00	\$ 25.00	\$ 1,500.00	\$ 75.00	\$ 4,500.00
9	2-02	Cement Conc. Curb Removal Incl. Haul	130	LF	\$ 25.00	\$ 3,250.00	\$ 20.50	\$ 2,665.00	\$ 30.00	\$ 3,900.00	\$ 30.00	\$ 3,900.00
10	2-02	Removal of Structure and Obstruction	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 570.00	\$ 570.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00
11	2-02	Roadway Excavation Incl. Haul	40	CY	\$ 90.00	\$ 3,600.00	\$ 66.40	\$ 2,656.00	\$ 25.00	\$ 1,000.00	\$ 50.00	\$ 2,000.00
12	2-03	Unsuitable Foundation Excavation Incl. Haul	20	CY	\$ 95.00	\$ 1,900.00	\$ 101.00	\$ 2,020.00	\$ 50.00	\$ 1,000.00	\$ 50.00	\$ 1,000.00
13	2-03	Gravel Borrow Incl. Haul	50	TON	\$ 25.00	\$ 1,250.00	\$ 24.50	\$ 1,225.00	\$ 50.00	\$ 2,500.00	\$ 20.00	\$ 1,000.00
14	4-04	Crushed Surfacing Top Course	100	TON	\$ 60.00	\$ 6,000.00	\$ 68.00	\$ 6,800.00	\$ 25.00	\$ 2,500.00	\$ 50.00	\$ 5,000.00
15	5-04	Pavement Repair Excavation Incl. Haul	40	CY	\$ 90.00	\$ 3,600.00	\$ 64.85	\$ 2,594.00	\$ 20.00	\$ 800.00	\$ 100.00	\$ 4,000.00
16	5-04	HMA Cl. 1/2" PG 58H-22	900	TON	\$ 100.00	\$ 90,000.00	\$ 87.25	\$ 78,525.00	\$ 95.00	\$ 85,500.00	\$ 110.00	\$ 99,000.00
17	5-04	HMA for Pavement Repair Cl. 1/2" PG 58H-22	25	TON	\$ 200.00	\$ 5,000.00	\$ 248.25	\$ 6,206.25	\$ 200.00	\$ 5,000.00	\$ 165.00	\$ 4,125.00
18	5-04	Temporary Pavement	10	TON	\$ 175.00	\$ 1,750.00	\$ 159.00	\$ 1,590.00	\$ 150.00	\$ 1,500.00	\$ 200.00	\$ 2,000.00
19	5-04	Thickened Edge	1,800	LF	\$ 4.00	\$ 7,200.00	\$ 0.70	\$ 1,260.00	\$ 1.50	\$ 2,700.00	\$ 1.00	\$ 1,800.00
20	5-04	Planing Bituminous Pavement	5,570	SY	\$ 5.00	\$ 27,850.00	\$ 4.95	\$ 27,571.50	\$ 5.00	\$ 27,850.00	\$ 6.00	\$ 33,420.00
21	7-12	Adjust Water Valve	2	EA	\$ 500.00	\$ 1,000.00	\$ 912.50	\$ 1,825.00	\$ 600.00	\$ 1,200.00	\$ 400.00	\$ 800.00
22	8-01	Erosion/Water Pollution Control	1	FA	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
23	8-01	Inlet Protection	24	EA	\$ 80.00	\$ 1,920.00	\$ 90.00	\$ 2,160.00	\$ 75.00	\$ 1,800.00	\$ 75.00	\$ 1,800.00
24	8-04	Cement Conc. Curb and Gutter	50	LF	\$ 40.00	\$ 2,000.00	\$ 45.60	\$ 2,280.00	\$ 175.00	\$ 8,750.00	\$ 40.00	\$ 2,000.00
25	8-04	Extruded Curb	40	LF	\$ 25.00	\$ 1,000.00	\$ 34.20	\$ 1,368.00	\$ 100.00	\$ 4,000.00	\$ 30.00	\$ 1,200.00
26	8-06	Cement Conc. Driveway Entrance	40	SY	\$ 80.00	\$ 3,200.00	\$ 74.00	\$ 2,960.00	\$ 225.00	\$ 9,000.00	\$ 65.00	\$ 2,600.00
27	8-11	Raising Existing Beam Guardrail	450	LF	\$ 75.00	\$ 33,750.00	\$ 28.68	\$ 12,906.00	\$ 30.00	\$ 13,500.00	\$ 25.00	\$ 11,250.00
28	8-11	Beam Guardrail	270	LF	\$ 100.00	\$ 27,000.00	\$ 103.10	\$ 27,837.00	\$ 100.00	\$ 27,000.00	\$ 40.00	\$ 10,800.00
SIDEWALK												
29	8-14	Cement Conc. Sidewalk	20	SY	\$ 80.00	\$ 1,600.00	\$ 91.20	\$ 1,824.00	\$ 175.00	\$ 3,500.00	\$ 80.00	\$ 1,600.00
30	8-14	Cement Conc. Curb Ramp	2	EA	\$ 3,000.00	\$ 6,000.00	\$ 2,850.00	\$ 5,700.00	\$ 7,000.00	\$ 14,000.00	\$ 2,500.00	\$ 5,000.00
31	8-14	Cement Conc. Pedestrian Curb	10	LF	\$ 30.00	\$ 300.00	\$ 49.00	\$ 490.00	\$ 50.00	\$ 500.00	\$ 43.00	\$ 430.00
32	8-26	Non-Skid Surface Treatment	20	SF	\$ 25.00	\$ 500.00	\$ 74.00	\$ 1,480.00	\$ 125.00	\$ 2,500.00	\$ 65.00	\$ 1,300.00
STORM SEWER												
33	7-05	Adjust Catch Basin	23	EA	\$ 800.00	\$ 18,400.00	\$ 655.50	\$ 15,076.50	\$ 350.00	\$ 8,050.00	\$ 800.00	\$ 18,400.00
34	7-05	Storm Drain Marker	23	EA	\$ 30.00	\$ 690.00	\$ 22.80	\$ 524.40	\$ 45.00	\$ 1,035.00	\$ 20.00	\$ 460.00
SANITARY SEWER												
35	7-05	Adjust Manhole	7	EA	\$ 900.00	\$ 6,300.00	\$ 1,000.00	\$ 7,000.00	\$ 600.00	\$ 4,200.00	\$ 550.00	\$ 3,850.00
TRAFFIC CONTROL DEVICES												
36	8-09	Raised Pavement Marker Type 2	3	EA	\$ 5.00	\$ 15.00	\$ 5.70	\$ 17.10	\$ 100.00	\$ 300.00	\$ 5.00	\$ 15.00
37	8-21	Permanent Signing	1	LS	\$ 250.00	\$ 250.00	\$ 1,026.00	\$ 1,026.00	\$ 500.00	\$ 500.00	\$ 1.00	\$ 1.00
38	8-22	Paint Line, 4 Inch	2,360	LF	\$ 0.50	\$ 1,180.00	\$ 0.88	\$ 2,076.80	\$ 1.20	\$ 2,832.00	\$ 0.77	\$ 1,817.20
39	8-23	Temporary Pavement Markings	700	LF	\$ 0.40	\$ 280.00	\$ 1.14	\$ 798.00	\$ 0.60	\$ 420.00	\$ 2.00	\$ 1,400.00
ROADSIDE DEVELOPMENT												
40	8-02	Property Restoration	1	FA	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
					TOTAL ESTIMATE	\$ 296,735.00	TOTAL BID	\$ 299,449.05	TOTAL BID	\$ 349,427.00	TOTAL BID	\$ 355,548.20