



## INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Services Committee  
 FROM: Hari Ponnekanti, Public Works Director/City Engineer  
 BY: Scott Bates, Project Manager  
 CC: Mayor Ekberg  
 DATE: May 21, 2021  
 SUBJECT: 2021 Overlay and Repair Program  
Project No. 92110401  
Bid Award

### ISSUE

Award the bid for construction of the 2021 Overlay and Repair Program.

### BACKGROUND

The Overlay and Repair Program preserves and maintains the street structure in a safe and useable condition. Construction will include pavement repairs and an asphalt overlay at seven locations citywide, new raised sidewalk sections on 53<sup>rd</sup> Ave S and S 137<sup>th</sup> St, and a new Rectangular Rapid Flashing Beacon at the crosswalk near Thorndyke Elementary School at 46<sup>th</sup> Ave S. In a separate but related project, City crews will be adding speed cushions to the Thorndyke school zone on S.150<sup>th</sup> St as well as on S 37<sup>th</sup> St near S.140<sup>th</sup> St in the Cascade View neighborhood. The cushions were purchased in 2019.

### ANALYSIS

A call for bids was advertised for the 2021 Overlay and Repair Program on May 4 and May 11, 2021. Three bids were opened on May 18, 2021. The confirmed lowest bidder was Miles Resources, LLC. with a bid of \$1,037,358.40. The Engineer's Estimate was \$1,079,420. There were no bidding errors.

### FINANCIAL IMPACT AND BID SUMMARY (All amounts include sales tax)

	<u>Bid Results</u>	<u>Engineer's Estimate</u>	<u>2021 Budget</u>
Miles Resources, LLC	<b>\$1,037,358.40</b>	\$1,079,420.00	\$1,050,000.00
Contingency (5%)	<b>\$51,867.92</b>		
Unused CM/PE			\$50,000.00
Total	<b><u>\$1,089,226.32</u></b>	<u>\$1,079,420.00</u>	<u>\$1,100,000.00</u>

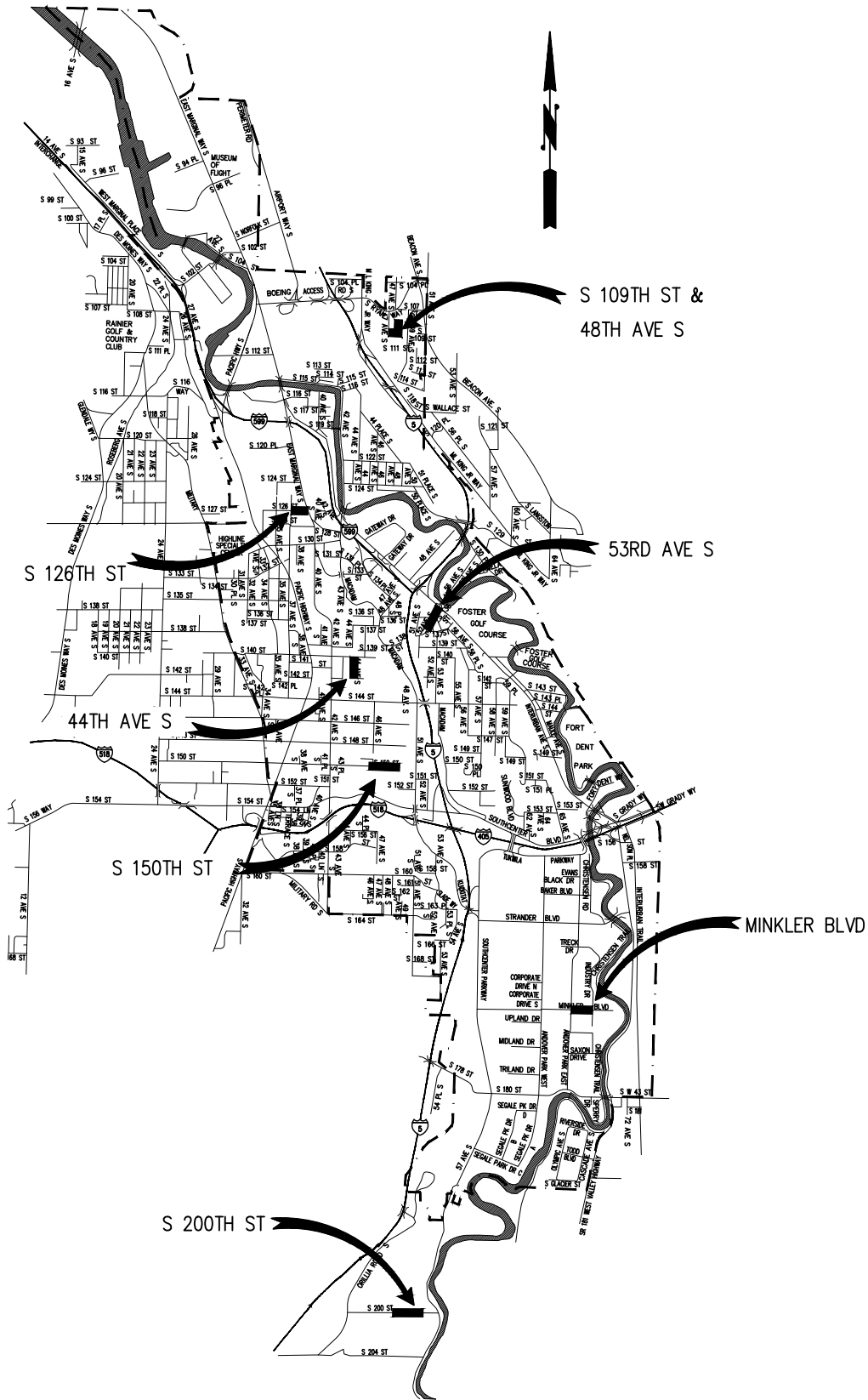
The KPG supplemental contract for construction management is \$50,000.00 less than the available budget and the remaining funds will be reallocated to the construction phase.

### RECOMMENDATION

Council is being asked to award construction of the 2021 Overlay and Repair Program to Miles Resources, LLC. in the amount of \$1,037,358.40 and to consider this item on the Consent Agenda of the June 7, 2021 Regular Meeting.

### ATTACHMENTS

- Vicinity Map
- 2021 CIP Page 12
- Bid Tabulation



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2021 to 2026

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

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

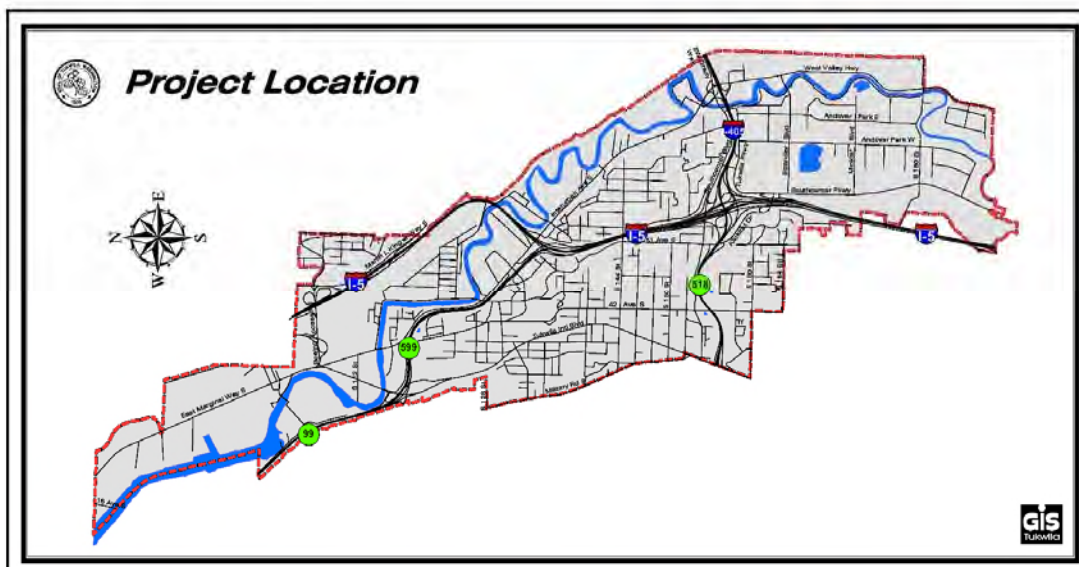
**JUSTIFICATION:** Preserve and maintain the street structure in a safe and useable state by resurfacing before failure which also minimizes costs. Some individual sites may be coordinated with water, sewer, and surface water projects.

**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 Estimated									TOTAL
	2019	2020	2021	2022	2023	2024	2025	2026	BEYOND	
<b>EXPENSES</b>										
Design	209	190	150	150	150	150	150	150	150	1,449
Land (R/W)										0
Const. Mgmt.	121	15	200	200	200	200	200	200	200	1,536
Construction	1,224	312	1,050	1,050	1,050	1,050	1,150	1,150	1,300	9,336
<b>TOTAL EXPENSES</b>	<b>1,554</b>	<b>517</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,500</b>	<b>1,500</b>	<b>1,650</b>	<b>12,321</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	1,554	517	1,400	1,400	1,400	1,400	1,500	1,500	1,650	12,321
<b>TOTAL SOURCES</b>	<b>1,554</b>	<b>517</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,400</b>	<b>1,500</b>	<b>1,500</b>	<b>1,650</b>	<b>12,321</b>



CITY OF TUKWILA  
DEPARTMENT OF PUBLIC WORKS  
2021 Overlay Program  
BID TABULATION  
Tukwila Project #  
May 18, 2021

Apparent Low Bid

No.	Section No.	Item	Qty	Unit	Engineer's Estimate		Miles Resources, LLC		Icon		Tucci & Sons, Inc.		Lakeside Industries		Westwater	
					Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>SCHEDULE A - Overlay Program</b>																
<b>ROADWAY</b>																
1	1-04	Unexpected Site Changes	1	FA	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00	\$ 6,750.00
2	1-05	ADA Features Surveying	1	LS	\$ 7,000.00	\$ 7,000.00	\$ 10,440.00	\$ 10,440.00	\$ 5,000.00	\$ 5,000.00	\$ 7,500.00	\$ 7,500.00	\$ 16,000.00	\$ 16,000.00	\$ 10,000.00	\$ 10,000.00
3	1-07	Resolution of Utility Conflicts	1	FA	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
4	1-07	SPCC Plan	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 255.00	\$ 255.00	\$ 115.00	\$ 115.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 1,000.00	\$ 1,000.00
5	1-09	Mobilization	1	LS	\$ 96,000.00	\$ 96,000.00	\$ 50,535.00	\$ 50,535.00	\$ 101,000.00	\$ 101,000.00	\$ 171,000.00	\$ 171,000.00	\$ 140,000.00	\$ 140,000.00	\$ 135,000.00	\$ 135,000.00
6	1-10	Project Temporary Traffic Control	1	LS	\$ 49,500.00	\$ 49,500.00	\$ 73,162.00	\$ 73,162.00	\$ 100,000.00	\$ 100,000.00	\$ 125,000.00	\$ 125,000.00	\$ 140,000.00	\$ 140,000.00	\$ 135,000.00	\$ 135,000.00
7	2-02	Off-Duty Uniformed Police Officer	60	HR	\$ 120.00	\$ 7,200.00	\$ 123.00	\$ 7,380.00	\$ 115.00	\$ 6,900.00	\$ 125.00	\$ 7,500.00	\$ 115.00	\$ 6,900.00	\$ 150.00	\$ 9,000.00
8	2-02	Asphalt Pavement Removal	540	SY	\$ 15.00	\$ 8,100.00	\$ 20.00	\$ 10,800.00	\$ 41.65	\$ 22,491.00	\$ 10.00	\$ 5,400.00	\$ 30.00	\$ 16,200.00	\$ 60.00	\$ 32,400.00
9	2-02	Cement Conc. Sidewalk Removal Incl. Haul	160	SY	\$ 35.00	\$ 5,600.00	\$ 92.00	\$ 14,720.00	\$ 58.00	\$ 9,280.00	\$ 30.00	\$ 4,800.00	\$ 46.00	\$ 7,360.00	\$ 75.00	\$ 12,000.00
10	2-02	Cement Conc. Curb Removal Incl. Haul	490	LF	\$ 12.00	\$ 5,880.00	\$ 22.00	\$ 10,780.00	\$ 16.00	\$ 7,840.00	\$ 10.00	\$ 4,900.00	\$ 16.00	\$ 7,840.00	\$ 20.00	\$ 9,800.00
11	2-02	Removal of Structure and Obstruction	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 1,300.00	\$ 1,300.00	\$ 1,150.00	\$ 1,150.00	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00	\$ 15,000.00	\$ 15,000.00
12	2-03	Roadway Excavation Incl. Haul	1	LS	\$ 17,000.00	\$ 17,000.00	\$ 11,425.00	\$ 11,425.00	\$ 7,600.00	\$ 7,600.00	\$ 1,000.00	\$ 1,000.00	\$ 14,000.00	\$ 14,000.00	\$ 85,000.00	\$ 85,000.00
13	2-03	Unsuitable Foundation Excavation Incl. Haul	33	CY	\$ 95.00	\$ 3,135.00	\$ 61.00	\$ 2,013.00	\$ 77.00	\$ 2,541.00	\$ 65.00	\$ 2,145.00	\$ 80.00	\$ 2,640.00	\$ 85.00	\$ 2,805.00
14	4-04	Gravel Borrow Incl. Haul	205	TON	\$ 25.00	\$ 5,125.00	\$ 50.00	\$ 10,250.00	\$ 29.50	\$ 6,047.50	\$ 30.00	\$ 6,150.00	\$ 60.00	\$ 12,300.00	\$ 40.00	\$ 8,200.00
15	5-04	Crushed Surfacing Top Course	645	TON	\$ 60.00	\$ 38,700.00	\$ 72.20	\$ 46,569.00	\$ 61.00	\$ 39,345.00	\$ 35.00	\$ 22,575.00	\$ 70.00	\$ 45,150.00	\$ 45.00	\$ 29,025.00
16	5-04	Pavement Repair Excavation Incl. Haul	110	CY	\$ 90.00	\$ 9,900.00	\$ 42.00	\$ 4,620.00	\$ 110.00	\$ 12,100.00	\$ 90.00	\$ 9,900.00	\$ 85.00	\$ 9,350.00	\$ 90.00	\$ 9,900.00
17	5-04	HMA Cl. 1/2" PG 58H-22	3,370	TON	\$ 115.00	\$ 387,550.00	\$ 99.50	\$ 335,315.00	\$ 102.00	\$ 343,740.00	\$ 95.00	\$ 320,150.00	\$ 108.00	\$ 363,960.00	\$ 100.00	\$ 337,000.00
18	5-04	HMA for Pavement Repair Cl. 1/2" PG 58H-22	205	TON	\$ 150.00	\$ 30,750.00	\$ 166.00	\$ 34,030.00	\$ 120.00	\$ 24,600.00	\$ 140.00	\$ 28,700.00	\$ 120.00	\$ 24,600.00	\$ 200.00	\$ 41,000.00
19	5-04	Temporary Pavement	55	TON	\$ 175.00	\$ 9,625.00	\$ 215.00	\$ 11,825.00	\$ 119.00	\$ 6,545.00	\$ 75.00	\$ 4,125.00	\$ 100.00	\$ 5,500.00	\$ 200.00	\$ 11,000.00
20	5-04	Thickened Edge	2,155	LF	\$ 3.00	\$ 6,465.00	\$ 1.30	\$ 2,801.50	\$ 1.10	\$ 2,370.50	\$ 3.25	\$ 7,003.75	\$ 1.00	\$ 2,155.00	\$ 15.00	\$ 32,325.00
21	7-12	Planing Bituminous Pavement	18,070	SY	\$ 5.00	\$ 90,350.00	\$ 4.90	\$ 88,543.00	\$ 5.80	\$ 104,806.00	\$ 5.00	\$ 90,350.00	\$ 6.10	\$ 110,227.00	\$ 5.00	\$ 90,350.00
22	8-01	Adjust Water Valve	10	EA	\$ 500.00	\$ 5,000.00	\$ 784.00	\$ 7,840.00	\$ 710.00	\$ 7,100.00	\$ 1,000.00	\$ 10,000.00	\$ 450.00	\$ 4,500.00	\$ 500.00	\$ 5,000.00
23	8-01	Erosion/Water Pollution Control	1	FA	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00	\$ 4,250.00
24	8-04	Inlet Protection	39	EA	\$ 80.00	\$ 3,120.00	\$ 101.00	\$ 3,939.00	\$ 50.00	\$ 1,950.00	\$ 60.00	\$ 2,340.00	\$ 60.00	\$ 2,340.00	\$ 100.00	\$ 3,900.00
25	8-04	Cement Conc. Rolled Curb and Gutter	55	LF	\$ 75.00	\$ 4,125.00	\$ 30.00	\$ 1,650.00	\$ 30.00	\$ 1,650.00	\$ 45.00	\$ 2,475.00	\$ 30.00	\$ 1,650.00	\$ 50.00	\$ 2,750.00
26	8-06	Cement Conc. Curb and Gutter	830	LF	\$ 45.00	\$ 37,350.00	\$ 27.00	\$ 22,410.00	\$ 28.00	\$ 23,240.00	\$ 45.00	\$ 37,350.00	\$ 26.50	\$ 21,995.00	\$ 60.00	\$ 49,800.00
27	8-11	Cement Conc. Driveway Entrance	90	SY	\$ 80.00	\$ 7,200.00	\$ 84.75	\$ 7,627.50	\$ 86.00	\$ 7,740.00	\$ 95.00	\$ 8,550.00	\$ 83.00	\$ 7,470.00	\$ 250.00	\$ 22,500.00
28	8-11	Adjust Monument Case and Cover	2	EA	\$ 700.00	\$ 1,400.00	\$ 504.00	\$ 1,008.00	\$ 725.00	\$ 1,450.00	\$ 1,000.00	\$ 2,000.00	\$ 450.00	\$ 900.00	\$ 1,500.00	\$ 3,000.00
<b>TRAFFIC SIGNALS</b>																
29	8-20	Traffic Signal Modifications (S 200th St & Southcenter Pkwy - WB Approach)	1	LS	\$ 11,200.00	\$ 11,200.00	\$ 28,493.00	\$ 28,493.00	\$ 24,100.00	\$ 24,100.00	\$ 29,000.00	\$ 29,000.00	\$ 23,000.00	\$ 23,000.00	\$ 30,000.00	\$ 30,000.00
30	8-20	Traffic Signal Modifications (Minkler Blvd & Andover Park E)	1	LS	\$ 8,300.00	\$ 8,300.00	\$ 26,700.00	\$ 26,700.00	\$ 22,000.00	\$ 22,000.00	\$ 27,000.00	\$ 27,000.00	\$ 21,000.00	\$ 21,000.00	\$ 30,000.00	\$ 30,000.00
31	8-20	RRFB and Luminaire System (S 150th St & 46th Ave S), Complete	1	LS	\$ 48,200.00	\$ 48,200.00	\$ 43,800.00	\$ 43,800.00	\$ 43,000.00	\$ 43,000.00	\$ 44,000.00	\$ 44,000.00	\$ 42,000.00	\$ 42,000.00	\$ 50,000.00	\$ 50,000.00
<b>SIDEWALK</b>																
32	8-14	Cement Conc. Sidewalk	265	SY	\$ 70.00	\$ 18,550.00	\$ 68.15	\$ 18,059.75	\$ 70.00	\$ 18,550.00	\$ 85.00	\$ 22,525.00	\$ 67.00	\$ 17,755.00	\$ 85.00	\$ 22,525.00
33	8-14	Cement Conc. Curb Ramp	11	EA	\$ 2,700.00	\$ 29,700.00	\$ 2,035.00	\$ 22,385.00	\$ 2,087.00	\$ 22,957.00	\$ 3,000.00	\$ 33,000.00	\$ 2,000.00	\$ 22,000.00	\$ 4,500.00	\$ 49,500.00
34	8-14	Cement Conc. Pedestrian Curb	85	LF	\$ 20.00	\$ 1,700.00	\$ 27.00	\$ 2,295.00	\$ 20.00	\$ 1,700.00	\$ 40.00	\$ 3,400.00	\$ 27.00	\$ 2,295.00	\$ 30.00	\$ 2,550.00
35	8-26	Non-Skid Surface Treatment	60	SF	\$ 25.00	\$ 1,500.00	\$ 65.00	\$ 3,900.00	\$ 19.00	\$ 1,140.00	\$ 30.00	\$ 1,800.00	\$ 80.00	\$ 4,800.00	\$ 25.00	\$ 1,500.00
<b>STORM SEWER</b>																
36	7-04	Ductile Iron Storm Sewer Pipe, 8 In. Diam.	20	LF	\$ 65.00	\$ 1,300.00	\$ 109.50	\$ 2,190.00	\$ 300.00	\$ 6,000.00	\$ 75.00	\$ 1,500.00	\$ 130.00	\$ 2,600.00	\$ 125.00	\$ 2,500.00
37	7-04	Ductile Iron Storm Sewer Pipe, 12 In. Diam.	30	LF	\$ 75.00	\$ 2,250.00	\$ 168.00	\$ 5,040.00	\$ 300.00	\$ 9,000.00	\$ 95.00	\$ 2,850.00	\$ 130.00	\$ 3,900.00	\$ 200.00	\$ 6,000.00
38	7-05	Adjust Catch Basin	24	EA	\$ 800.00	\$ 19,200.00	\$ 1,065.00	\$ 25,560.00	\$ 57.50	\$ 1,380.00	\$ 500.00	\$ 12,000.00	\$ 500.00	\$ 12,000.00	\$ 750.00	\$ 18,000.00
39	7-05	Storm Drain Marker	24	EA	\$ 30.00	\$ 720.00	\$ 168.00	\$ 4,032.00	\$ 18.50	\$ 444.00	\$ 50.00	\$ 1,200.00	\$ 25.00	\$ 600.00	\$ 15.00	\$ 360.00
40	7-05	Combination Inlet	1	EA	\$ 750.00	\$ 750.00	\$ 1,750.00	\$ 1,750.00	\$ 550.00	\$ 550.00	\$ 1,500.00	\$ 1,500.00	\$ 4,400.00	\$ 4,400.00	\$ 1,500.00	\$ 1,500.00
41	7-05	Concrete Inlet	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 1,670.00	\$ 3,340.00	\$ 550.00	\$ 1,100.00	\$ 1,500.00	\$ 3,000.00	\$ 4,400.00	\$ 8,800.00	\$ 4,500.00	\$ 9,000.00
<b>SANITARY SEWER</b>																
42	7-05	Adjust Manhole	8	EA	\$ 1,000.00	\$ 8,000.00	\$ 1,010.00	\$ 8,080.00	\$ 1,000.00	\$ 8,000.00	\$ 1,000.00	\$ 8,000.00	\$ 600.00	\$ 4,800.00	\$ 1,000.00	\$ 8,000.00
<b>TRAFFIC CONTROL DEVICES</b>																
43	8-05	Speed Cushion	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 1,960.00	\$ 1,960.00	\$ 650.00	\$ 650.00	\$ 775.00	\$ 775.00	\$ 400.00	\$ 400.00	\$ 2,500.00	\$ 2,500.00
44	8-09	Raised Pavement Marker Type 1	505	EA	\$ 2.50	\$ 1,262.50	\$ 4.25	\$ 2,146.25	\$ 4.40	\$ 2,222.00	\$ 4.00	\$ 2,020.00	\$ 4.25	\$ 2,146.25	\$ 5.00	\$ 2,525.00
45	8-09	Raised Pavement Marker Type 2	300	EA	\$ 2.50	\$ 750.00	\$ 6.16	\$ 1,848.00	\$ 5.75	\$ 1,725.00	\$ 6.00	\$ 1,800.00	\$ 6.00	\$ 1,800.00	\$ 5.00	\$ 1,500.00
46	8-21	Permanent Signing	1	LS	\$ 8,750.00	\$ 8,750.00	\$ 5,152.00	\$ 5,152.00	\$ 5,200.00	\$ 5,200.00	\$ 12,000.00	\$ 12,000.00	\$ 5,200.00	\$ 5,200.00	\$ 10,000.00	\$ 10,000.00
47	8-22	Plastic Bike Symbol	2	EA	\$ 100.00	\$ 200.00	\$ 246.50	\$ 493.00	\$ 287.00	\$ 574.00	\$ 275.00	\$ 550.00	\$ 250.00	\$ 500.00	\$ 500.00	\$ 1,000.00
48	8-22	Plastic Traffic Letters	6	EA	\$ 100.00	\$ 600.00	\$ 95.00	\$ 570.00	\$ 74.50	\$ 447.00	\$ 75.00	\$ 450.00	\$ 95.00	\$ 570.00	\$ 300.00	\$ 1,800.00
49	8-22	Plastic Traffic Arrow	9	EA	\$ 80.00	\$ 720.00	\$ 168.00	\$ 1,512.00	\$ 115.00	\$ 1,035.00	\$ 110.00	\$ 990.00	\$ 165.00	\$ 1,485.00	\$ 300.00	\$ 2,700.00
50	8-22	Plastic Stop Line	250	LF	\$ 50.00	\$ 12,500.00	\$ 8.40	\$ 2,100.00	\$ 10.35	\$ 2,587.50	\$ 10.00	\$ 2,500.00	\$ 8.00	\$ 2,000.00	\$ 10.00	\$ 2,500.00
51	8-22	Plastic Crosswalk Line	200	SF	\$ 8.00	\$ 1,600.00	\$ 8.40	\$ 1,680.00	\$ 8.00	\$ 1,600.00	\$ 8.00	\$ 1,600.00	\$ 8.00	\$ 1,600.00	\$ 10.00	\$ 2,000.00
52	8-22	Plastic Line, 12 Inch	10	LF	\$ 3.00	\$ 30.00	\$ 8.40	\$ 84.00	\$ 8.00	\$ 80.00	\$ 8.00	\$ 80.00	\$ 8.00	\$ 80.00	\$ 10.00	\$ 100.00
53	8-22	Plastic Line, 4 Inch	11,390	LF	\$ 1.00	\$ 11,390.00	\$ 1.80	\$ 20,502.00	\$ 1.40	\$ 15,946.00	\$ 1.50	\$ 17,085.00	\$ 1.75			