



INFORMATIONAL MEMORANDUM

TO: Transportation and Infrastructure Committee
FROM: Henry Hash, Public Works Director
BY: David Sorensen, Project Manager
DATE: April 20, 2018
CC: Mayor Ekberg
SUBJECT: 2018 Overlay and Repair Program
Project No. 91810401
Bid Award

ISSUE

Award the bid for construction of the 2018 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 four locations citywide including the Fort Dent parking lot, as well as other incidental items of work.

ANALYSIS

A call for bids was advertised for the 2018 Overlay and Repair Program on March 22 and 29, 2018. Four bids were opened on April 5, 2018. The lowest apparent bidder was ICON Materials with a bid of \$955,945.50. The Engineer’s Estimate was \$1,137,680.00. There were no bidding errors. Based on the bidding results, the project design consultant KPG concurred to award the 2018 Overlay and Repair Program to the apparent low bidder, ICON Materials.

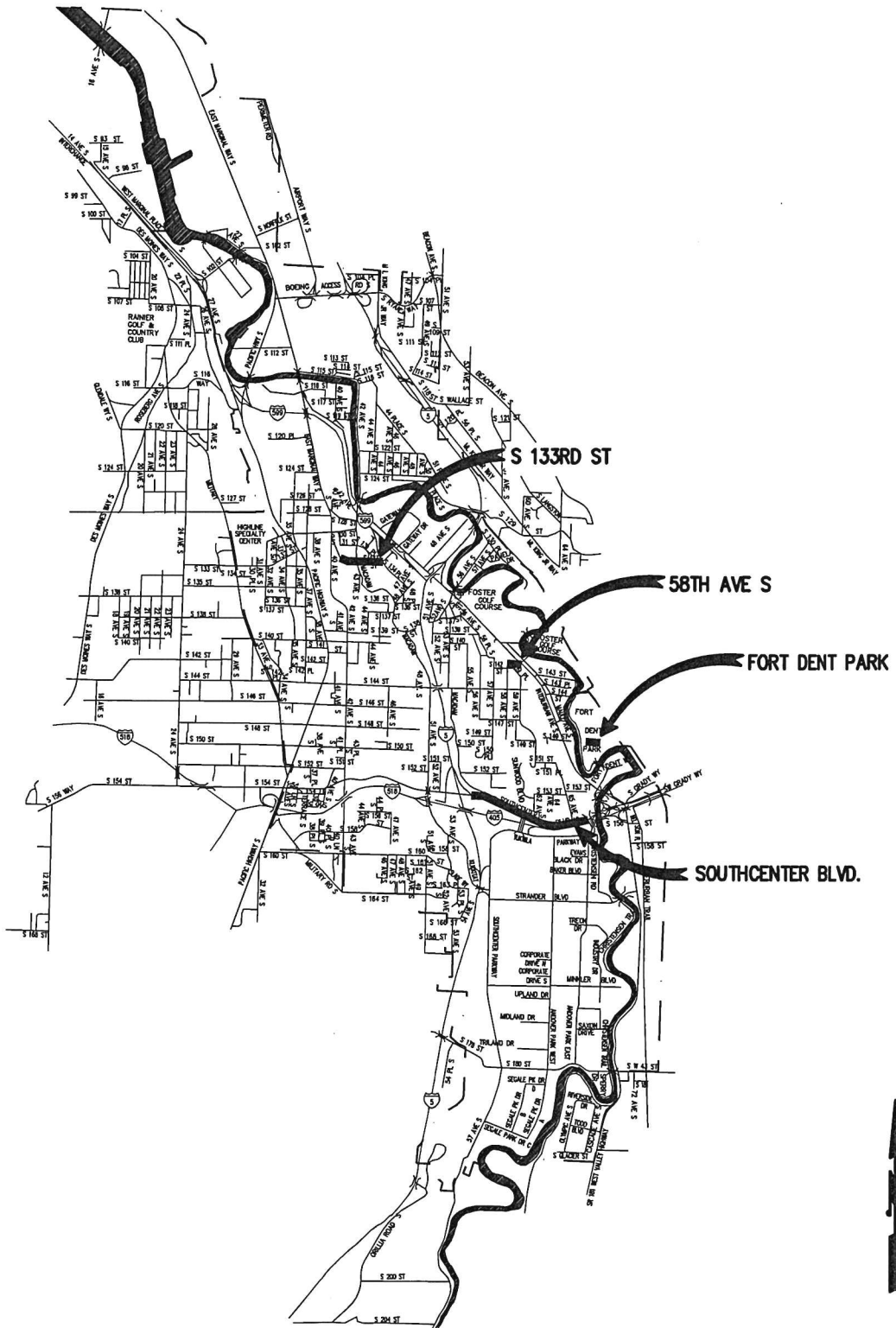
BUDGET AND BID SUMMARY (All amounts include sales tax)

Table with 4 columns: Bid Results, Engineer’s Estimate, 2018 Budget. Rows include Bid Schedule 'A', Contingency (5%), Bid Schedule 'B' Fort Dent, Contingency (5%), and Total.

RECOMMENDATION

Council is being asked to award construction for the 2018 Overlay and Repair Program to ICON Materials in the amount of \$955,945.50 and consider this item on the Consent Agenda of the May 7, 2018 Regular Meeting.

attachments Vicinity Map
Page 18, 2017 CIP
Consultant Recommendation
Bid Tabulation



2018 Overlay Program Vicinity Map

CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

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

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

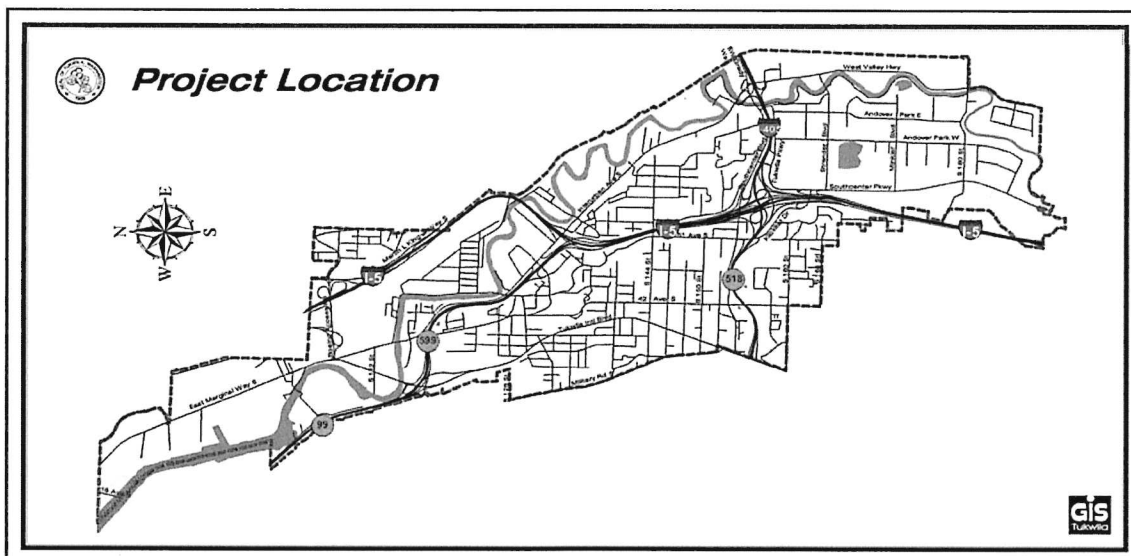
JUSTIFICATION: Preserve and maintain the street structure in a safe and useable state by resurfacing before failure which also minimizes costs. Some individual sites may be coordinated with water, sewer, and surface water projects.

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
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
EXPENSES											
Design	123	135	150	150	175	175	200	200	200	1,508	
Land (R/W)										0	
Const. Mgmt.	276	175	200	200	225	225	250	250	275	2,076	
Construction	1,289	1,260	1,050	1,050	1,330	1,340	1,350	1,350	1,375	11,394	
TOTAL EXPENSES	1,688	1,570	1,400	1,400	1,730	1,740	1,800	1,800	1,850	14,978	
FUND SOURCES											
Awarded Grant										0	
Proposed Grant										0	
Mitigation Actual										0	
Mitigation Expected										0	
City Oper. Revenue	1,688	1,570	1,400	1,400	1,730	1,740	1,800	1,800	1,850	14,978	
TOTAL SOURCES	1,688	1,570	1,400	1,400	1,730	1,740	1,800	1,800	1,850	14,978	



April 6, 2018

City of Tukwila
6200 Southcenter Boulevard
Tukwila, WA 98188

RE: 2018 Overlay and Repair Program

Dear Mr. Sorensen,

On April 5, 2018 sealed bids were received and opened for the 2018 Overlay and Repair Program. Four (4) bids were submitted, with the results of the bids and Engineer's Estimate as follows:

#	Bidder's Name	Written Bid	Governed Bid
	<i>Engineer's Estimate</i>	<i>\$1,137,680.00</i>	<i>\$1,137,680.00</i>
01	ICON Materials	\$ 955,945.50	\$ 955,945.50
02	Watson Asphalt Paving, Inc.	\$ 1,152,612.20	\$ 1,152,612.20
03	Miles Resources	\$ 1,346,472.50	\$ 1,346,472.50
04	Lakeside Industries	\$ 1,392,448.10	\$ 1,422,698.10

ICON Materials (dba CPM Development Corporation) is the apparent low bidder. As requested, KPG has completed the verification for ICON Materials for the 2018 Overlay and Repair Program for their bid in the amount of \$955,945.50.

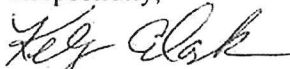
We have checked the status of ICON Materials and their proposed subcontractors on the Washington State Labor and Industries web page to confirm they are currently insured, bonded, and licensed. Additionally, no strikes or debarment records arose federally or statewide regarding ICON Materials.

We phoned the references listed in ICON's bid and were able to speak with several of them. Jeff Huynh with the City of Federal Way worked with them on the 2014 Overlay project. He said that they did great, there were no concerns on the project and he would be happy to work with them again. Jason Brant with the City of Kent said that they were attentive, their office was ran very smooth and they finished ahead of schedule on the 2017 Street Patch and Overlay project. Lastly, Steve Murdoch, with CA Carey Corporation, gave them an A+ rating and said that they were a great contractor!

It is KPG's recommendation that the City of Tukwila's 2018 Overlay and Repair Program be awarded to ICON Materials.

We have enclosed the contractor Bid Tabulation, ICONs verification package and reference checks for your review.

Respectfully,



Kelly Clark
Project Manager
KPG, Inc.

Cc: Project Files



3/19/2018						Total		Engineer's Estimate		Icon Materials		Watson Asphalt Paving Co. Inc.		Miles Resources, LLC		Lakeside Industries	
No.	Section No.	Item	Quantity	Unit	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	
ROADWAY																	
1	1-04	Unexpected Site Changes	1	FA	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
2	1-05	ADA Features Surveying	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 15,500.00	\$ 15,500.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
3	1-07	Resolution of Utility Conflicts	1	FA	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
4	1-07	SPCC Plan	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 1,600.00	\$ 1,600.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
5	1-09	Mobilization	1	LS	\$ 80,000.00	\$ 80,000.00	\$ 50,000.00	\$ 50,000.00	\$ 76,000.00	\$ 76,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 75,000.00	\$ 250,000.00	\$ 250,000.00	\$ 250,000.00
6	1-10	Project Temporary Traffic Control	1	LS	\$ 78,000.00	\$ 78,000.00	\$ 80,000.00	\$ 80,000.00	\$ 122,700.00	\$ 122,700.00	\$ 180,000.00	\$ 180,000.00	\$ 180,000.00	\$ 180,000.00	\$ 225,000.00	\$ 225,000.00	\$ 225,000.00
7	1-10	Off-Duty Uniformed Police Officer	40	HR	\$ 120.00	\$ 4,800.00	\$ 108.00	\$ 4,320.00	\$ 130.00	\$ 5,200.00	\$ 150.00	\$ 6,000.00	\$ 150.00	\$ 6,000.00	\$ 100.00	\$ 4,000.00	\$ 4,000.00
8	2-02	Cement Conc. Sidewalk Removal Incl. Haul	330	SY	\$ 60.00	\$ 19,800.00	\$ 55.00	\$ 18,150.00	\$ 45.00	\$ 14,850.00	\$ 47.00	\$ 15,510.00	\$ 47.00	\$ 15,510.00	\$ 60.00	\$ 19,800.00	\$ 19,800.00
9	2-02	Cement Conc. Curb Removal Incl. Haul	570	LF	\$ 25.00	\$ 14,250.00	\$ 15.00	\$ 8,550.00	\$ 30.00	\$ 17,100.00	\$ 25.00	\$ 14,250.00	\$ 25.00	\$ 14,250.00	\$ 30.00	\$ 17,100.00	\$ 17,100.00
10	2-02	Removal of Structure and Obstruction	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,350.00	\$ 1,350.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
				CY	\$ 90.00	\$ 90.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	2-03	Unsuitable Foundation Excavation Incl. Haul	20	CY	\$ 95.00	\$ 1,900.00	\$ 40.00	\$ 800.00	\$ 40.00	\$ 800.00	\$ 75.00	\$ 1,500.00	\$ 75.00	\$ 1,500.00	\$ 75.00	\$ 1,500.00	\$ 1,500.00
12	2-03	Gravel Borrow Incl. Haul	40	TON	\$ 25.00	\$ 1,000.00	\$ 15.00	\$ 600.00	\$ 50.00	\$ 2,000.00	\$ 50.00	\$ 2,000.00	\$ 50.00	\$ 2,000.00	\$ 25.00	\$ 1,000.00	\$ 1,000.00
13	4-04	Crushed Surfacing Top Course	170	TON	\$ 60.00	\$ 10,200.00	\$ 63.00	\$ 10,710.00	\$ 110.00	\$ 18,700.00	\$ 60.00	\$ 10,200.00	\$ 60.00	\$ 10,200.00	\$ 35.00	\$ 5,950.00	\$ 5,950.00
14	5-04	Pavement Repair Excavation Incl. Haul	160	CY	\$ 90.00	\$ 14,400.00	\$ 126.00	\$ 20,160.00	\$ 88.00	\$ 14,080.00	\$ 250.00	\$ 40,000.00	\$ 250.00	\$ 40,000.00	\$ 75.00	\$ 12,000.00	\$ 12,000.00
15	5-04	HMA Cl. 1/2" PG 64-22	740	TON	\$ 100.00	\$ 74,000.00	\$ 81.00	\$ 59,940.00	\$ 97.00	\$ 71,780.00	\$ 115.00	\$ 85,100.00	\$ 115.00	\$ 85,100.00	\$ 100.00	\$ 74,000.00	\$ 74,000.00
16	5-04	HMA Cl. 1/2" PG 70-22	3,000	TON	\$ 110.00	\$ 330,000.00	\$ 81.00	\$ 243,000.00	\$ 89.00	\$ 267,000.00	\$ 98.00	\$ 294,000.00	\$ 98.00	\$ 294,000.00	\$ 80.00	\$ 240,000.00	\$ 240,000.00
17	5-04	HMA for Pavement Repair Cl. 1/2" PG 64-22	150	TON	\$ 150.00	\$ 22,500.00	\$ 134.00	\$ 20,100.00	\$ 155.00	\$ 23,250.00	\$ 180.00	\$ 27,000.00	\$ 180.00	\$ 27,000.00	\$ 150.00	\$ 22,500.00	\$ 22,500.00
18	5-04	HMA for Pavement Repair Cl. 1/2" PG 70-22	40	TON	\$ 175.00	\$ 7,000.00	\$ 134.00	\$ 5,360.00	\$ 165.00	\$ 6,600.00	\$ 290.00	\$ 11,600.00	\$ 290.00	\$ 11,600.00	\$ 200.00	\$ 8,000.00	\$ 8,000.00
19	5-04	Temporary Pavement	10	TON	\$ 175.00	\$ 1,750.00	\$ 220.00	\$ 2,200.00	\$ 200.00	\$ 2,000.00	\$ 150.00	\$ 1,500.00	\$ 150.00	\$ 1,500.00	\$ 200.00	\$ 2,000.00	\$ 2,000.00
				LF	\$ 5.00	\$ 5.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	5-04	Thickened Edge	220	LF	\$ 3.00	\$ 660.00	\$ 2.30	\$ 506.00	\$ 3.00	\$ 660.00	\$ 1.00	\$ 220.00	\$ 1.00	\$ 220.00	\$ 2.00	\$ 440.00	\$ 440.00
21	5-04	Planing Bituminous Pavement	26,560	SY	\$ 5.00	\$ 132,800.00	\$ 3.60	\$ 95,616.00	\$ 5.00	\$ 132,800.00	\$ 6.00	\$ 159,360.00	\$ 6.00	\$ 159,360.00	\$ 5.00	\$ 132,800.00	\$ 132,800.00
22	5-04	Joint/Crack Sealing	1	FA	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
23	7-12	Adjust Water Valve	26	EA	\$ 500.00	\$ 13,000.00	\$ 593.00	\$ 15,418.00	\$ 400.00	\$ 10,400.00	\$ 700.00	\$ 18,200.00	\$ 700.00	\$ 18,200.00	\$ 400.00	\$ 10,400.00	\$ 10,400.00
24	8-01	Erosion/Water Pollution Control	1	FA	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
25	8-01	Inlet Protection	21	EA	\$ 80.00	\$ 1,680.00	\$ 58.00	\$ 1,218.00	\$ 60.00	\$ 1,260.00	\$ 100.00	\$ 2,100.00	\$ 100.00	\$ 2,100.00	\$ 100.00	\$ 2,100.00	\$ 2,100.00
26	8-04	Cement Conc. Curb and Gutter	460	LF	\$ 40.00	\$ 18,400.00	\$ 41.50	\$ 19,090.00	\$ 48.00	\$ 22,080.00	\$ 70.00	\$ 32,200.00	\$ 70.00	\$ 32,200.00	\$ 53.60	\$ 24,656.00	\$ 24,656.00
27	8-04	Reinforced Cement Conc. Curb and Gutter	20	LF	\$ 60.00	\$ 1,200.00	\$ 62.00	\$ 1,240.00	\$ 78.00	\$ 1,560.00	\$ 70.00	\$ 1,400.00	\$ 70.00	\$ 1,400.00	\$ 55.50	\$ 1,110.00	\$ 1,110.00
28	8-04	Integral Curb	50	SF	\$ 30.00	\$ 1,500.00	\$ 36.50	\$ 1,825.00	\$ 39.00	\$ 1,950.00	\$ 65.00	\$ 3,250.00	\$ 65.00	\$ 3,250.00	\$ 51.75	\$ 2,587.50	\$ 2,587.50
29	8-06	Cement Conc. Driveway Entrance	80	SY	\$ 80.00	\$ 6,400.00	\$ 100.00	\$ 8,000.00	\$ 105.00	\$ 8,400.00	\$ 140.00	\$ 11,200.00	\$ 140.00	\$ 11,200.00	\$ 111.00	\$ 8,880.00	\$ 8,880.00
30	8-13	Adjust Monument Case and Cover	5	EA	\$ 700.00	\$ 3,500.00	\$ 593.00	\$ 2,965.00	\$ 400.00	\$ 2,000.00	\$ 700.00	\$ 3,500.00	\$ 700.00	\$ 3,500.00	\$ 400.00	\$ 2,000.00	\$ 2,000.00
TRAFFIC SIGNALS																	
31	8-20	Traffic Signal Modifications (Southcenter Blvd & Macadam Rd S)	1	LS	\$ 23,000.00	\$ 23,000.00	\$ 27,000.00	\$ 27,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
32	8-20	Traffic Signal Modifications (Southcenter Blvd & 61st Ave S)	1	LS	\$ 13,000.00	\$ 13,000.00	\$ 16,200.00	\$ 16,200.00	\$ 18,000.00	\$ 18,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
SIDEWALK																	
33	8-14	Cement Conc. Sidewalk	300	SY	\$ 70.00	\$ 21,000.00	\$ 46.50	\$ 13,950.00	\$ 53.00	\$ 15,900.00	\$ 85.00	\$ 25,500.00	\$ 85.00	\$ 25,500.00	\$ 67.60	\$ 20,280.00	\$ 20,280.00
34	8-14	Cement Conc. Curb Ramp	5	EA	\$ 2,700.00	\$ 13,500.00	\$ 2,830.00	\$ 14,150.00	\$ 3,600.00	\$ 18,000.00	\$ 3,100.00	\$ 15,500.00	\$ 3,100.00	\$ 15,500.00	\$ 2,455.00	\$ 12,275.00	\$ 12,275.00
					\$ 3,500.00	\$ 3,500.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	8-26	Non-Skid Surface Treatment	35	SF	\$ 25.00	\$ 875.00	\$ 44.00	\$ 1,540.00	\$ 48.00	\$ 1,680.00	\$ 75.00	\$ 2,625.00	\$ 75.00	\$ 2,625.00	\$ 60.00	\$ 2,100.00	\$ 2,100.00
STORM SEWER																	
36	7-05	Adjust Catch Basin	12	EA	\$ 800.00	\$ 9,600.00	\$ 863.00	\$ 10,356.00	\$ 500.00	\$ 6,000.00	\$ 1,000.00	\$ 12,000.00	\$ 1,000.00	\$ 12,000.00	\$ 550.00	\$ 6,600.00	\$ 6,600.00
37	7-05	Storm Drain Marker	40	EA	\$ 30.00	\$ 1,200.00	\$ 18.00	\$ 720.00	\$ 20.40	\$ 816.00	\$ 25.00	\$ 1,000.00	\$ 25.00	\$ 1,000.00	\$ 17.00	\$ 680.00	\$ 680.00
SANITARY SEWER																	
38	7-05	Adjust Manhole	14	EA	\$ 900.00	\$ 12,600.00	\$ 863.00	\$ 12,082.00	\$ 500.00	\$ 7,000.00	\$ 1,000.00	\$ 14,000.00	\$ 1,000.00	\$ 14,000.00	\$ 550.00	\$ 7,700.00	\$ 7,700.00
TRAFFIC CONTROL DEVICES																	
39	8-09	Raised Pavement Marker Type 1	14	HUND	\$ 500.00	\$ 7,000.00	\$ 158.50	\$ 2,219.00	\$ 176.40	\$ 2,469.60	\$ 200.00	\$ 2,800.00	\$ 200.00	\$ 2,800.00	\$ 147.00	\$ 2,058.00	\$ 2,058.00
40	8-09	Raised Pavement Marker Type 2	4	HUND	\$ 500.00	\$ 2,000.00	\$ 410.00	\$ 1,640.00	\$ 456.00	\$ 1,824.00	\$ 450.00	\$ 1,800.00	\$ 450.00	\$ 1,800.00	\$ 380.00	\$ 1,520.00	\$ 1,520.00
41	8-21	Permanent Signing	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00	\$ 3,500.00	\$ 3,500.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
42	8-22	Plastic Traffic Arrow	44	EA	\$ 80.00	\$ 3,520.00	\$ 53.50	\$ 2,354.00	\$ 59.40	\$ 2,613.60	\$ 60.00	\$ 2,640.00	\$ 60.00	\$ 2,640.00	\$ 49.50	\$ 2,178.00	\$ 2,178.00
43	8-22	Plastic Traffic Letter	2	EA	\$ 100.00	\$ 200.00	\$ 190.00	\$ 380.00	\$ 210.00	\$ 420.00	\$ 200.00	\$ 400.00	\$ 200.00	\$ 400.00	\$ 175.00	\$ 350.00	\$ 350.00
44	8-22	Plastic Stop Line	200	LF	\$ 50.00	\$ 10,000.00	\$ 7.00	\$ 1,400.00	\$ 8.20	\$ 1,640.00	\$ 8.00	\$ 1,600.00	\$ 8.00	\$ 1,600.00	\$ 6.80	\$ 1,360.00	\$ 1,360.00
45	8-22	Plastic Crosswalk Line	270	SF	\$ 8.00	\$ 2,160.00	\$ 4.25	\$ 1,147.50	\$ 4.70	\$ 1,269.00	\$ 5.00	\$ 1,350.00	\$ 5.00	\$ 1,350.00	\$ 3.90	\$ 1,053.00	\$ 1,053.00
46	8-22	Plastic Line, 12 Inch	100	LF	\$ 3.00	\$ 300.00	\$ 4.25	\$ 425.00	\$ 4.80	\$ 480.00	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00	\$ 4.00	\$ 400.00	\$ 400.00
47	8-22	Plastic Line, 8 Inch	120	LF	\$ 3.00	\$ 360.00	\$ 3.00	\$ 360.00	\$ 3.30	\$ 396.00	\$ 4.00	\$ 480.00	\$ 4.00	\$ 480.00	\$ 2.75	\$ 330.00	\$ 330.00
48	8-22	Plastic Line, 4 Inch	4,370	LF	\$ 1.00	\$ 4,370.00	\$ 1.60	\$ 6,992.00	\$ 1.80	\$ 7,866.00	\$ 2.00	\$ 8,740.00	\$ 2.00	\$ 8,740.00	\$ 1.45	\$ 6,336.50	\$ 6,336