

2016 Paving and Resurfacing Phase I

Engineer's Estimate	Elmer's Crane and Dozer, Inc.	Crawford Contracting, Inc.
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Location # 1
E. State St. & Franklin St.

Item No.	Est Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	1.00	LSUM	MOBILIZATION / TRAFFIC CONTROL	\$ 40,000.00	\$ 40,000.00	\$ 24,000.00	\$ 24,000.00	\$ 132,600.00	\$ 132,600.00
2	9158.00	SYD	PAVT, REM., SPECIAL	\$ 8.00	\$ 73,264.00	\$ 6.75	\$ 61,816.50	\$ 5.20	\$ 47,621.60
3	2019.00	SYD	SIDEWALK, REM	\$ 9.00	\$ 18,171.00	\$ 8.00	\$ 16,152.00	\$ 6.00	\$ 12,114.00
4	20.00	EA	DR. STRUCTURE, REM.	\$ 500.00	\$ 10,000.00	\$ 400.00	\$ 8,000.00	\$ 450.00	\$ 9,000.00
5	396.00	FT	WATER MAIN, REM, 6 INCH	\$ 18.00	\$ 7,128.00	\$ 8.00	\$ 3,168.00	\$ 20.00	\$ 7,920.00
6	308.00	FT	SEWER, REM, LESS THAN 24 INCH	\$ 25.00	\$ 7,700.00	\$ 12.00	\$ 3,696.00	\$ 17.50	\$ 5,390.00
7	3.00	EA	HYDRANT, REM	\$ 550.00	\$ 1,650.00	\$ 600.00	\$ 1,800.00	\$ 500.00	\$ 1,500.00
8	1.00	EA	TREE, REM, 12 INCH TO 24 INCH	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00
9	7.00	EA	DR. STRUCTURE, 24 INCH DIA., 2' SUMP, EJ 7045 CASTING	\$ 2,300.00	\$ 16,100.00	\$ 1,600.00	\$ 11,200.00	\$ 2,000.00	\$ 14,000.00
10	4.00	EA	DR. STRUCTURE, 48 INCH DIA., EJ 1040 CASTING (STORM)	\$ 2,500.00	\$ 10,000.00	\$ 2,100.00	\$ 8,400.00	\$ 2,300.00	\$ 9,200.00
11	1.00	EA	DR. STRUCTURE, 60 INCH DIA., EJ 1040 CASTING (STORM)	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,250.00	\$ 3,250.00
12	1.00	EA	DROP INLET, TYPE 1, 24 INCH, EJ 7045 CASTING	\$ 2,100.00	\$ 2,100.00	\$ 1,500.00	\$ 1,500.00	\$ 1,900.00	\$ 1,900.00
13	2.00	EA	DR. STRUCTURE COVER, EJ 1040 CASTING, FURNISH / ADJUST (STORM)	\$ 900.00	\$ 1,800.00	\$ 825.00	\$ 1,650.00	\$ 824.00	\$ 1,648.00
14	3.00	EA	DR. STRUCTURE COVER, EJ 7045 CASTING, FURNISH / ADJUST	\$ 950.00	\$ 2,850.00	\$ 1,000.00	\$ 3,000.00	\$ 875.00	\$ 2,625.00
15	239.00	FT	SEWER, CL IV RCP, 12 INCH, TR DET B1	\$ 55.00	\$ 13,145.00	\$ 50.00	\$ 11,950.00	\$ 48.00	\$ 11,472.00
16	65.00	FT	SEWER, CL IV RCP, 15 INCH, TR DET B1	\$ 65.00	\$ 4,225.00	\$ 58.00	\$ 3,770.00	\$ 51.00	\$ 3,315.00
17	6.00	FT	SEWER, DI, 6 INCH, TR DET B1	\$ 60.00	\$ 360.00	\$ 100.00	\$ 600.00	\$ 100.00	\$ 600.00
18	2.00	EA	SEWER TAP, 6 INCH	\$ 200.00	\$ 400.00	\$ 150.00	\$ 300.00	\$ 350.00	\$ 700.00
19	2.00	EA	SEWER TAP, 12 INCH	\$ 500.00	\$ 1,000.00	\$ 300.00	\$ 600.00	\$ 500.00	\$ 1,000.00
20	1.00	EA	SEWER TAP, 15 INCH	\$ 500.00	\$ 500.00	\$ 300.00	\$ 300.00	\$ 600.00	\$ 600.00
21	5.00	EA	STORM SEWER, CONNECT TO EXISTING	\$ 600.00	\$ 3,000.00	\$ 400.00	\$ 2,000.00	\$ 200.00	\$ 1,000.00
22	4.00	EA	SANITARY STRUCTURE, 48 INCH DIA., EJ 1040 CASTING (SANITARY)	\$ 2,900.00	\$ 11,600.00	\$ 2,300.00	\$ 9,200.00	\$ 3,310.00	\$ 13,240.00
23	2.00	EA	DR. STRUCTURE COVER, EJ 1040 CASTING, FURNISH / ADJUST (SANITARY)	\$ 850.00	\$ 1,700.00	\$ 825.00	\$ 1,650.00	\$ 825.00	\$ 1,650.00
24	483.00	FT	SEWER, SDR-35, 8 INCH, TR DET B2	\$ 45.00	\$ 21,735.00	\$ 30.00	\$ 14,490.00	\$ 60.00	\$ 28,980.00
25	30.00	FT	SEWER, SDR-35, 10 INCH, TR DET B2	\$ 60.00	\$ 1,800.00	\$ 50.00	\$ 1,500.00	\$ 62.00	\$ 1,860.00
26	287.00	FT	6" SCHEDULE 40 PVC LEAD	\$ 25.00	\$ 7,175.00	\$ 27.00	\$ 7,749.00	\$ 45.00	\$ 12,915.00
27	1.00	EA	SEWER TAP, 10 INCH	\$ 500.00	\$ 500.00	\$ 300.00	\$ 300.00	\$ 400.00	\$ 400.00
28	20.00	EA	SEWER WYE, TRANSFER / CONNECT	\$ 550.00	\$ 11,000.00	\$ 350.00	\$ 7,000.00	\$ 200.00	\$ 4,000.00
29	2.00	EA	SANITARY SEWER, CONNECT TO EXISTING	\$ 600.00	\$ 1,200.00	\$ 300.00	\$ 600.00	\$ 1,500.00	\$ 3,000.00
30	1.00	LSUM	SEWAGE BYPASS PUMPING AND FLOW CONTROL	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 3,000.00	\$ 3,000.00
31	3.00	EA	FIRE HYDRANT ASSEMBLY	\$ 4,000.00	\$ 12,000.00	\$ 4,300.00	\$ 12,900.00	\$ 4,100.00	\$ 12,300.00
32	6.00	EA	GATE VALVE AND BOX, 8 INCH	\$ 1,600.00	\$ 9,600.00	\$ 1,500.00	\$ 9,000.00	\$ 1,470.00	\$ 8,820.00
33	3.00	EA	GATE BOX, FURNISH AND ADJUST, CASE 1	\$ 400.00	\$ 1,200.00	\$ 500.00	\$ 1,500.00	\$ 300.00	\$ 900.00
34	59.00	FT	WATER MAIN, DI, 6 INCH, TR DET G	\$ 60.00	\$ 3,540.00	\$ 50.00	\$ 2,950.00	\$ 57.00	\$ 3,363.00
35	1509.00	FT	WATER MAIN, DI, 8 INCH, TR DET G	\$ 60.00	\$ 90,540.00	\$ 53.00	\$ 79,977.00	\$ 60.25	\$ 90,917.25
36	22.00	EA	WATER SERVICE, SHORT SIDE	\$ 1,400.00	\$ 30,800.00	\$ 1,200.00	\$ 26,400.00	\$ 1,600.00	\$ 35,200.00
37	28.00	EA	WATER SERVICE, LONG SIDE	\$ 1,500.00	\$ 42,000.00	\$ 1,800.00	\$ 50,400.00	\$ 2,000.00	\$ 56,000.00
38	2.00	EA	WATER MAIN, 6 INCH, CUT AND PLUG	\$ 300.00	\$ 600.00	\$ 775.00	\$ 1,550.00	\$ 1,000.00	\$ 2,000.00
39	1.00	EA	LIVE TAP, 10 INCH X 8 INCH	\$ 1,500.00	\$ 1,500.00	\$ 3,700.00	\$ 3,700.00	\$ 3,800.00	\$ 3,800.00
40	1.00	EA	LIVE TAP, 18 INCH X 8 INCH	\$ 3,500.00	\$ 3,500.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00
41	2.00	EA	WATER MAIN, CONNECT TO EXISTING	\$ 2,500.00	\$ 5,000.00	\$ 3,100.00	\$ 6,200.00	\$ 3,000.00	\$ 6,000.00
42	4632.00	FT	CURB AND GUTTER, CONC., DET C4	\$ 18.00	\$ 83,376.00	\$ 14.50	\$ 67,164.00	\$ 14.00	\$ 64,848.00
43	14231.00	SFT	SIDEWALK, CONC, 4 INCH	\$ 4.50	\$ 64,039.50	\$ 3.75	\$ 53,366.25	\$ 2.90	\$ 41,269.90
44	3862.00	SFT	CONC., 6 INCH, NON-REINFORCED, SIDEWALK / ADA RAMPS, DRIVEWAYS	\$ 5.50	\$ 21,241.00	\$ 4.50	\$ 17,379.00	\$ 3.70	\$ 14,289.40
45	867.00	SFT	CONC., 9 INCH, NON-REINFORCED, SIDEWALK / ADA RAMPS, DRIVEWAYS	\$ 6.50	\$ 5,635.50	\$ 6.00	\$ 5,202.00	\$ 4.25	\$ 3,684.75
46	105.00	FT	DETECTABLE WARNING, CAST IN PLACE, REPLACEBLE, BRICK RED	\$ 44.00	\$ 4,620.00	\$ 35.00	\$ 3,675.00	\$ 32.00	\$ 3,360.00
47	7631.00	SYD	AGGREGATE BASE, 8 INCH	\$ 9.50	\$ 72,494.50	\$ 7.75	\$ 59,140.25	\$ 6.46	\$ 49,296.26
48	688.00	TON	HMA, 13A LEVELING (165#/SYD)	\$ 72.00	\$ 49,536.00	\$ 64.60	\$ 44,444.80	\$ 53.50	\$ 36,808.00
49	688.00	TON	HMA, 13A TOP (165#/SYD)	\$ 70.00	\$ 48,160.00	\$ 64.60	\$ 44,444.80	\$ 57.33	\$ 39,443.04
50	186.00	FT	INFRARED JOINT REPAIR	\$ 25.00	\$ 4,650.00	\$ 11.00	\$ 2,046.00	\$ 29.00	\$ 5,394.00
51	518.00	FT	POST, STEEL, 3 LB (14' LENGTH)	\$ 6.10	\$ 3,159.80	\$ 6.50	\$ 3,367.00	\$ 6.50	\$ 3,367.00
52	98.75	SFT	SIGN, TYPE IIIB	\$ 18.00	\$ 1,777.50	\$ 20.00	\$ 1,975.00	\$ 20.00	\$ 1,975.00
53	1830.00	FT	RECESSED PAVEMENT MARKING	\$ 1.00	\$ 1,830.00	\$ 0.60	\$ 1,098.00	\$ 0.55	\$ 1,006.50
54	121.00	FT	PAVT MRKG, OVLY COLD PLASTIC, 24 INCH, STOP BAR	\$ 14.00	\$ 1,694.00	\$ 13.15	\$ 1,591.15	\$ 11.95	\$ 1,445.95
55	1000.00	FT	PAVT MRKG, POLYUREA, 4 INCH, WHITE	\$ 1.10	\$ 1,100.00	\$ 0.94	\$ 940.00	\$ 0.85	\$ 850.00
56	830.00	FT	PAVT MRKG, POLYUREA, 4 INCH, YELLOW	\$ 1.10	\$ 913.00	\$ 0.94	\$ 780.20	\$ 0.85	\$ 705.50
57	365.00	FT	PAVT MRKG, OVLY COLD PLASTIC, 24 INCH, SPECIAL EMPHASIS CROSSWALK	\$ 14.00	\$ 5,110.00	\$ 13.15	\$ 4,799.75	\$ 11.95	\$ 4,361.75
58	120.00	FT	PAVT MRKG, POLYUREA, 6 INCH, WHITE	\$ 3.50	\$ 420.00	\$ 3.14	\$ 376.80	\$ 2.85	\$ 342.00
59	328.00	FT	PAVT MRKG, THERMOPLASTIC, 12 INCH, WHITE	\$ 22.00	\$ 7,216.00	\$ 15.00	\$ 4,920.00	\$ 13.65	\$ 4,477.20
60	1299.00	SFT	PAVT MRKG, THERMOPLASTIC, BASKET WEAVE, BRICK RED- SAND GROUT	\$ 22.00	\$ 28,578.00	\$ 19.40	\$ 25,200.60	\$ 17.65	\$ 22,927.35
61	23.67	STA	MACHINE GRADING, MODIFIED	\$ 2,200.00	\$ 52,074.00	\$ 1,900.00	\$ 44,973.00	\$ 2,200.00	\$ 52,074.00
62	5050.00	SYD	4 INCH SCREENED TOPSOIL, SEED, FERT., MULCH	\$ 8.00	\$ 40,400.00	\$ 9.25	\$ 46,712.50	\$ 7.00	\$ 35,350.00
63		EA	DAMAGED IRRIGATION SYSTEM	\$ (300.00)	\$ -		\$ -		\$ -
				Subtotal	\$ 976,907.80		\$ 843,064.60		\$ 949,076.45
				10% Contingency	\$ 97,690.78				
				Total	\$ 1,074,598.58				

2016 Paving and Resurfacing Phase I

				Engineer's Estimate		Elmer's Crane and Dozer, Inc.		Crawford Contracting, Inc.	
Location # 2 W. Ninth St.				Engineer's Estimate		Elmer's Crane and Dozer, Inc.		Crawford Contracting, Inc.	
Item No.	Est Qty	Unit	Description of Items	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
64	1.00	LSUM	MOBILIZATION / TRAFFIC CONTROL	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00	\$ 38,120.00	\$ 38,120.00
65	2524.00	SYD	PAVT, REM, SPECIAL	\$ 8.00	\$ 20,192.00	\$ 8.50	\$ 21,454.00	\$ 11.50	\$ 29,026.00
66	641.00	SYD	SIDEWALK, REM	\$ 9.00	\$ 5,769.00	\$ 8.00	\$ 5,128.00	\$ 6.00	\$ 3,846.00
67	5.00	EA	DR. STRUCTURE, REM.	\$ 500.00	\$ 2,500.00	\$ 400.00	\$ 2,000.00	\$ 400.00	\$ 2,000.00
68	135.00	FT	SEWER, REM, LESS THAN 24 INCH	\$ 25.00	\$ 3,375.00	\$ 8.00	\$ 1,080.00	\$ 15.00	\$ 2,025.00
69	1.00	EA	HYDRANT, REM	\$ 550.00	\$ 550.00	\$ 600.00	\$ 600.00	\$ 500.00	\$ 500.00
70	2.00	EA	DR. STRUCTURE, 48 INCH, LEACHING BASIN, 3' SUMP, EJ 7045 CASTING	\$ 3,250.00	\$ 6,500.00	\$ 3,800.00	\$ 7,600.00	\$ 4,200.00	\$ 8,400.00
71	2.00	EA	DR. STRUCTURE, 72 INCH, LEACHING BASIN, 2' SUMP, EJ 7045 CASTING	\$ 10,250.00	\$ 20,500.00	\$ 5,500.00	\$ 11,000.00	\$ 5,550.00	\$ 11,100.00
72	1.00	EA	DR. STRUCTURE, 60 INCH, EJ 1040 CASTING (STORM)	\$ 3,000.00	\$ 3,000.00	\$ 2,800.00	\$ 2,800.00	\$ 4,500.00	\$ 4,500.00
73	1.00	EA	DR. STRUCTURE COVER, EJ 1040 CASTING, FURNISH / ADJUST (STORM)	\$ 900.00	\$ 900.00	\$ 825.00	\$ 825.00	\$ 824.00	\$ 824.00
74	2.00	EA	DR. STRUCTURE COVER, EJ 7045 CASTING, FURNISH / ADJUST	\$ 950.00	\$ 1,900.00	\$ 1,000.00	\$ 2,000.00	\$ 875.00	\$ 1,750.00
75	162.00	FT	SEWER, CL IV RCP, 12 INCH, TR DET B1	\$ 55.00	\$ 8,910.00	\$ 50.00	\$ 8,100.00	\$ 50.00	\$ 8,100.00
76	4.00	FT	SEWER, CL IV RCP, 21 INCH, TR DET B1	\$ 70.00	\$ 280.00	\$ 100.00	\$ 400.00	\$ 100.00	\$ 400.00
77	1.00	EA	STORM SEWER, CONNECT TO EXISTING	\$ 600.00	\$ 600.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00
78	1.00	EA	FIRE HYDRANT ASSEMBLY	\$ 4,000.00	\$ 4,000.00	\$ 4,300.00	\$ 4,300.00	\$ 4,100.00	\$ 4,100.00
79	2.00	EA	GATE VALVE AND BOX, 8 INCH	\$ 1,600.00	\$ 3,200.00	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00
80	15.00	FT	WATERMAIN, DI, 6 INCH, TR DET G	\$ 65.00	\$ 975.00	\$ 50.00	\$ 750.00	\$ 60.00	\$ 900.00
81	562.00	FT	WATERMAIN, DI, 8 INCH, TR DET G	\$ 60.00	\$ 33,720.00	\$ 53.00	\$ 29,786.00	\$ 64.00	\$ 35,968.00
82	7.00	EA	WATER SERVICE, SHORT SIDE	\$ 1,400.00	\$ 9,800.00	\$ 1,200.00	\$ 8,400.00	\$ 1,600.00	\$ 11,200.00
83	7.00	EA	WATER SERVICE, LONG SIDE	\$ 1,500.00	\$ 10,500.00	\$ 1,800.00	\$ 12,600.00	\$ 2,000.00	\$ 14,000.00
84	1.00	EA	WATER SERVICE, 1 INCH, SHORT SIDE, 511 PINE ST	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00	\$ 7,000.00	\$ 7,000.00
85	1.00	EA	WATER SERVICE, 1 INCH, SHORT SIDE, 513 PINE ST	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00	\$ 7,000.00	\$ 7,000.00
86	1.00	EA	WATER SERVICE, 1 INCH, SHORT SIDE, 515 PINE ST	\$ 2,500.00	\$ 2,500.00	\$ 1,600.00	\$ 1,600.00	\$ 7,000.00	\$ 7,000.00
87	1.00	EA	WATER SERVICE, 1 INCH, LONG SIDE, 611 PINE ST	\$ 4,000.00	\$ 4,000.00	\$ 2,000.00	\$ 2,000.00	\$ 7,000.00	\$ 7,000.00
88	2.00	EA	WATERMAIN, 6 INCH, CUT AND PLUG	\$ 300.00	\$ 600.00	\$ 775.00	\$ 1,550.00	\$ 1,000.00	\$ 2,000.00
89	2.00	EA	WATER MAIN, CONNECT TO EXISTING	\$ 2,500.00	\$ 5,000.00	\$ 3,100.00	\$ 6,200.00	\$ 3,000.00	\$ 6,000.00
90	1189.00	FT	CURB AND GUTTER, CONC, DET C4	\$ 18.00	\$ 21,402.00	\$ 14.50	\$ 17,240.50	\$ 14.00	\$ 16,646.00
91	10.00	FT	CURB AND GUTTER, CONC, DET E2	\$ 18.00	\$ 180.00	\$ 38.00	\$ 380.00	\$ 25.50	\$ 255.00
92	5091.00	SFT	SIDEWALK, CONC, 4 INCH	\$ 4.50	\$ 22,909.50	\$ 3.75	\$ 19,091.25	\$ 2.90	\$ 14,763.90
93	877.00	SFT	CONC., 6 INCH, NON-REINFORCED, SIDEWALK / ADA RAMPS, DRIVEWAYS	\$ 5.50	\$ 4,823.50	\$ 4.50	\$ 3,946.50	\$ 3.70	\$ 3,244.90
94	80.00	FT	DETECTABLE WARNING, CAST IN PLACE, REPLACEBLE, BRICK RED	\$ 44.00	\$ 3,520.00	\$ 35.00	\$ 2,800.00	\$ 32.00	\$ 2,560.00
95	2282.00	SYD	AGGREGATE BASE, 8 INCH	\$ 9.50	\$ 21,679.00	\$ 7.75	\$ 17,685.50	\$ 6.46	\$ 14,741.72
96	204.00	TON	HMA, 13A LEVELING (165#/SYD)	\$ 72.00	\$ 14,688.00	\$ 73.50	\$ 14,994.00	\$ 57.50	\$ 11,730.00
97	204.00	TON	HMA, 13A TOP (165#/SYD)	\$ 70.00	\$ 14,280.00	\$ 73.50	\$ 14,994.00	\$ 60.33	\$ 12,307.32
98	154.00	FT	POST, STEEL, 3 LB (14' LENGTH)	\$ 6.10	\$ 939.40	\$ 6.50	\$ 1,001.00	\$ 5.50	\$ 847.00
99	58.75	SFT	SIGN, TYPE IIIB	\$ 18.00	\$ 1,057.50	\$ 20.00	\$ 1,175.00	\$ 16.00	\$ 940.00
100	13.50	FT	PAVT MRKG, OVLY COLD PLASTIC, 24 INCH, STOP BAR	\$ 14.00	\$ 189.00	\$ 13.25	\$ 178.88	\$ 11.95	\$ 161.33
101	42.00	FT	PAVT MRKG, OVLY COLD PLASTIC, 24 INCH, SPECIAL EMPHASIS CROSSWALK	\$ 14.00	\$ 588.00	\$ 46.25	\$ 1,942.50	\$ 11.95	\$ 501.90
102	6.14	STA	MACHINE GRADING, MODIFIED	\$ 2,500.00	\$ 15,350.00	\$ 3,000.00	\$ 18,420.00	\$ 2,450.00	\$ 15,043.00
103	1300.00	SYD	4 INCH SCREENED TOPSOIL, SEED, FERT., MULCH	\$ 8.00	\$ 10,400.00	\$ 10.00	\$ 13,000.00	\$ 7.00	\$ 9,100.00
104		EA	DAMAGED IRRIGATION SYSTEM	\$ (300.00)	\$ -	\$ -	\$ -	\$ -	\$ -
				Subtotal	\$ 296,276.90		\$ 272,622.13		\$ 319,101.07
				10% Contingency	\$ 29,627.69				
				Total	\$ 325,904.59				
				Project Total	\$ 1,400,503.17		\$ 1,115,686.73		\$ 1,268,177.52