

**Legacy Dr at Warren Pkwy Traffic Signal Modifications
CIP13-0019 & BID No. 1510-001
Munis No. 14127**

	City Spec. No.	Item No.	Name of Pay Item	Est. Quantity	Unit	Engineer's Estimate		Durable Specialties		Jim Bowman Construction	
						Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1	017113	2000	Mobilization	1	LS	\$11,188.75	\$11,188.75	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00
2	024100	2800	Remove Sidewalk & Ramps (Including Curb & Gutter)	59	SY	\$12.00	\$708.00	\$40.00	\$2,360.00	\$40.00	\$2,360.00
3	033101	2800	Drill Shaft (Trf Sig Pole) (24")	30	LF	\$150.00	\$4,500.00	\$140.00	\$4,200.00	\$200.00	\$6,000.00
4	033101	2900	Drill Shaft (Trf Sig Pole) (36")	13	LF	\$225.00	\$2,925.00	\$200.00	\$2,600.00	\$245.00	\$3,185.00
5	033101	3000	Drill Shaft (Trf Sig Pole) (48")	44	LF	\$325.00	\$14,300.00	\$240.00	\$10,560.00	\$430.00	\$18,920.00
6	260500	2300	Electric Conductor (No. 4) Insulated	105	LF	\$1.75	\$183.75	\$2.00	\$210.00	\$2.00	\$210.00
7	260500	2400	Electric Conductor (No. 6) (Bare)	965	LF	\$1.25	\$1,206.25	\$1.00	\$965.00	\$1.25	\$1,206.25
8	260500	2700	Electric Conductor (No. 8) (Insulated)	2,800	LF	\$1.25	\$3,500.00	\$1.00	\$2,800.00	\$1.25	\$3,500.00
9	260500	2800	Electric Conductor (No. 12) (Insulated)	600	LF	\$1.00	\$600.00	\$1.00	\$600.00	\$0.80	\$480.00
10	270500	2000	Conduit (PVC) (SCHD 40) (2")	200	LF	\$6.00	\$1,200.00	\$9.00	\$1,800.00	\$10.00	\$2,000.00
11	270500	2100	Conduit (PVC) (SCHD 40) (2") (Bore)	105	LF	\$18.00	\$1,890.00	\$18.00	\$1,890.00	\$22.50	\$2,362.50
12	270500	2200	Conduit (PVC) (SCHD 40) (3")	180	LF	\$7.00	\$1,260.00	\$10.00	\$1,800.00	\$11.25	\$2,025.00
13	270500	2400	Conduit (PVC) (SCHD 40) (4")	265	LF	\$9.00	\$2,385.00	\$12.00	\$3,180.00	\$12.50	\$3,312.50
14	270500	2500	Conduit (PVC) (SCHD 40) (4") (Bore)	105	LF	\$22.00	\$2,310.00	\$20.00	\$2,100.00	\$35.00	\$3,675.00
15	321650	2100	Reinforced Concrete Sidewalk (6")	78	SY	\$45.00	\$3,510.00	\$40.00	\$3,120.00	\$80.00	\$6,240.00
16	321655	2000	Barrier Free Ramp	6	EA	\$1,400.00	\$8,400.00	\$1,500.00	\$9,000.00	\$5,000.00	\$30,000.00
17	321723	2000	Pavement Markers & Markings (Type I & II)(W)(4")	208	LF	\$0.75	\$156.00	\$1.00	\$208.00	\$1.50	\$312.00
18	321723	2200	Pavement Markers & Markings (Type I & II)(W)(8")	425	LF	\$1.50	\$637.50	\$1.00	\$425.00	\$3.00	\$1,275.00
19	321723	2300	Pavement Markers & Markings (Type I & II)(W)(12")	27	LF	\$4.50	\$121.50	\$4.00	\$108.00	\$4.50	\$121.50
20	321723	2400	Pavement Markers & Markings (Type I & II)(W)(24")	431	LF	\$8.50	\$3,663.50	\$8.00	\$3,448.00	\$9.00	\$3,879.00
21	321723	2500	Pavement Markers & Markings (Type I & II)(W)(Arrow)	8	EA	\$155.00	\$1,240.00	\$190.00	\$1,520.00	\$132.00	\$1,056.00
22	321723	2600	Pavement Markers & Markings (Type I & II)(W)(Word)	4	EA	\$180.00	\$720.00	\$200.00	\$800.00	\$138.00	\$552.00
23	321723	2700	Pavement Markers & Markings (Type I & II)(Y)(4")	134	LF	\$0.75	\$100.50	\$1.00	\$134.00	\$1.50	\$201.00
24	321723	2800	Pavement Markers & Markings (Type I & II)(Y)(12")	43	LF	\$4.50	\$193.50	\$4.00	\$172.00	\$3.00	\$129.00
25	321723	3500	Remove Pavement Markers & Markings	718	LF	\$3.00	\$2,154.00	\$0.50	\$359.00	\$2.50	\$1,795.00
26	321723	3600	Remove Pavement Markers & Markings (Arrow/Word)	3	EA	\$60.00	\$180.00	\$49.00	\$147.00	\$60.00	\$180.00
27	344113	2000	Install Highway Traffic Signal (Isolated)	1	LS	\$15,000.00	\$15,000.00	\$32,000.00	\$32,000.00	\$49,650.00	\$49,650.00
28	344113	2100	APS Push Buttons (Contractor Supply and Install)	8	EA	\$1,200.00	\$9,600.00	\$945.00	\$7,560.00	\$2,030.00	\$16,240.00
29	344113	2300	Pedestrian Pole Assembly (Contractor Supply and Install)	5	EA	\$1,600.00	\$8,000.00	\$975.00	\$4,875.00	\$1,750.00	\$8,750.00
30	344113	2500	Luminaire Fixtures for Signal Poles (Contractor Supply and Install)	3	EA	\$0.00	\$0.00	\$650.00	\$1,950.00	\$815.00	\$2,445.00
31	344113	2600	Red-Indication Confirmation Lights (Contractor Supply and Install)	3	EA	\$0.00	\$0.00	\$250.00	\$750.00	\$250.00	\$750.00
32	344130	2000	Traffic Signal Cable (TY A) (5 CONDR) (14 AWG)	259	LF	\$2.00	\$518.00	\$1.00	\$259.00	\$1.25	\$323.75
33	344130	2100	Traffic Signal Cable (TY A) (7 CONDR) (14 AWG)	410	LF	\$2.00	\$820.00	\$1.00	\$410.00	\$1.55	\$635.50
34	344130	2200	Traffic Signal Cable (TY A) (10 CONDR) (14 AWG)	1405	LF	\$2.50	\$3,512.50	\$2.00	\$2,810.00	\$2.65	\$3,723.25
35	344130	2300	Traffic Signal Cable (TY A) (20 CONDR) (14 AWG)	885	LF	\$3.50	\$3,097.50	\$3.00	\$2,655.00	\$5.00	\$4,425.00
36	344130	2500	Traffic Signal Cable (TY C) (2 CONDR)(12 AWG)	1730	LF	\$1.50	\$2,595.00	\$1.00	\$1,730.00	\$2.50	\$4,325.00
37	344135	2300	Ground Box TY C w/ Apron	5	EA	\$800.00	\$4,000.00	\$700.00	\$3,500.00	\$750.00	\$3,750.00
38	344150	2000	Small Roadside Sign Support & Assembly (Install)	3	EA	\$500.00	\$1,500.00	\$700.00	\$2,100.00	\$940.00	\$2,820.00
39	344150	2100	Small Roadside Sign Support & Assembly (Remove)	1	EA	\$200.00	\$200.00	\$135.00	\$135.00	\$65.00	\$65.00
40	347113	2000	Barricades, Signs and Traffic Handling	1	LS	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$19,500.00	\$19,500.00
41			Contingency	1	LS	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
			TOTAL				\$143,076.25		\$143,240.00		\$244,379.25