

City of Los Angeles - Department of Transportation

Highway Safety Improvement Program (HSIP) - Install New Traffic Signal at 11th Ave & Slauson Ave and Install Left-Turn Phasing at 6 Signalized Intersections



W.O. No. E1907427; Federal Project Nos. HSIPL 5006(553) & 5006(532)

DETAILED RESULTS				City Engineer's Estimate		Sully-Miller Contracting Company		KDC, Inc. dba Dynalectric		C.T. & F., Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
Part I (Bid Items Nos. 1 to 60)											
1	Remove Type 7 Std.	EA	1	\$80.50	\$80.50	\$ 87.00	\$ 87.00	\$ 756.00	\$ 756.00	\$ 87.00	\$ 87.00
2	Remove Type 16, CD954 Std.	EA	3	\$287.50	\$862.50	\$ 374.00	\$ 1,122.00	\$ 1,647.00	\$ 4,941.00	\$ 434.86	\$ 1,304.58
3	Remove F-1, F-8, F-9 Foundation	EA	1	\$241.50	\$241.50	\$ 853.00	\$ 853.00	\$ 1,230.00	\$ 1,230.00	\$ 260.00	\$ 260.00
4	Remove F-7 Foundation	EA	1	\$207.00	\$207.00	\$ 741.00	\$ 741.00	\$ 1,230.00	\$ 1,230.00	\$ 260.00	\$ 260.00
5	Remove F-2 Foundation	EA	4	\$368.00	\$1,472.00	\$ 853.00	\$ 3,412.00	\$ 776.00	\$ 3,104.00	\$ 325.03	\$ 1,300.12
6	Remove Pedestrian Head Assembly	EA	14	\$92.00	\$1,288.00	\$ 87.00	\$ 1,218.00	\$ 90.00	\$ 1,260.00	\$ 105.26	\$ 1,473.64
7	Remove Vehicle Head Assembly	EA	41	\$92.00	\$3,772.00	\$ 120.00	\$ 4,920.00	\$ 61.00	\$ 2,501.00	\$ 103.59	\$ 4,247.19
8	Remove Mast Arm Heads	EA	15	\$92.00	\$1,380.00	\$ 120.00	\$ 1,800.00	\$ 87.00	\$ 1,305.00	\$ 104.02	\$ 1,560.30
9	Remove Pedestrian Push Button	EA	34	\$23.00	\$782.00	\$ 44.00	\$ 1,496.00	\$ 54.00	\$ 1,836.00	\$ 51.00	\$ 1,734.00
10	Remove 15'/20' Mast Arm	EA	15	\$172.50	\$2,587.50	\$ 87.00	\$ 1,305.00	\$ 227.00	\$ 3,405.00	\$ 208.02	\$ 3,120.30
11	Remove 170 Controller & Cabinet (337)	EA	1	\$400.00	\$400.00	\$ 374.00	\$ 374.00	\$ 1,301.00	\$ 1,301.00	\$ 173.00	\$ 173.00
12	Remove 170 Controller & Cabinet (332)	EA	2	\$400.00	\$800.00	\$ 374.00	\$ 748.00	\$ 998.00	\$ 1,996.00	\$ 86.67	\$ 173.34
13	Remove 2070 Controller & Cabinet (332)	EA	3	\$400.00	\$1,200.00	\$ 374.00	\$ 1,122.00	\$ 897.00	\$ 2,691.00	\$ 115.57	\$ 346.71
14	Remove Video Camera Only	EA	1	\$1,600.00	\$1,600.00	\$ 219.00	\$ 219.00	\$ 652.00	\$ 652.00	\$ 462.00	\$ 462.00
15	BSL items - Camarillo St, Riverside Dr & Tujunga Av	EA	1	\$6,670.00	\$6,670.00	\$ 2,357.00	\$ 2,357.00	\$ 5,328.00	\$ 5,328.00	\$ 4,217.00	\$ 4,217.00
16	BSL items - Hazeltine Av & Sherman Wy	EA	1	\$2,970.00	\$2,970.00	\$ 1,558.00	\$ 1,558.00	\$ 3,593.00	\$ 3,593.00	\$ 2,826.00	\$ 2,826.00
17	BSL items - Martin Luther King Jr. Bl. & Normandie Ave.	EA	1	\$12,160.00	\$12,160.00	\$ 7,873.00	\$ 7,873.00	\$ 13,117.00	\$ 13,117.00	\$ 13,799.00	\$ 13,799.00
18	BSL items - Parthenia St. & Tampa Av	EA	1	\$18,927.00	\$18,927.00	\$ 15,999.00	\$ 15,999.00	\$ 21,767.00	\$ 21,767.00	\$ 18,417.00	\$ 18,417.00
19	BSL items - Van Nuys Bl & Victory Bl	EA	1	\$4,360.00	\$4,360.00	\$ 3,132.00	\$ 3,132.00	\$ 4,128.00	\$ 4,128.00	\$ 8,315.00	\$ 8,315.00
20	BSL items - Victory Bl & Woodman Av	EA	1	\$3,780.00	\$3,780.00	\$ 1,558.00	\$ 1,558.00	\$ 2,016.00	\$ 2,016.00	\$ 2,738.00	\$ 2,738.00
21	Install Type 7 Std. & Cable	EA	3	\$1,081.00	\$3,243.00	\$ 325.00	\$ 975.00	\$ 834.00	\$ 2,502.00	\$ 257.96	\$ 773.88
22	Install 18-4-100 Std & Cable w/ M.A.	EA	2	\$4,140.00	\$8,280.00	\$ 4,375.00	\$ 8,750.00	\$ 5,721.50	\$ 11,443.00	\$ 4,145.55	\$ 8,291.10
23	Install 19-4-100 Std & Cable w/ M.A. & Luminaire	EA	5	\$5,849.00	\$29,245.00	\$ 6,080.00	\$ 30,400.00	\$ 7,384.00	\$ 36,920.00	\$ 5,875.41	\$ 29,377.05
24	Install 23-3-100 Std & Cable w/ M.A.	EA	1	\$6,336.00	\$6,336.00	\$ 5,146.00	\$ 5,146.00	\$ 6,783.00	\$ 6,783.00	\$ 4,753.00	\$ 4,753.00
25	Install 24-4-100 Std & Cable w/ M.A. & Luminaire	EA	4	\$5,200.00	\$20,800.00	\$ 6,309.00	\$ 25,236.00	\$ 7,389.00	\$ 29,556.00	\$ 5,949.59	\$ 23,798.36
26	Install 26-4-100 Std & Cable w/ M.A. & Luminaire	EA	3	\$6,225.00	\$18,675.00	\$ 8,148.00	\$ 24,444.00	\$ 9,563.00	\$ 28,689.00	\$ 7,841.79	\$ 23,525.37
27	Install Type C-2 Camara Pole w/ M.A. & Luminaire	EA	2	\$18,595.00	\$37,190.00	\$ 10,995.00	\$ 21,990.00	\$ 12,577.00	\$ 25,154.00	\$ 10,513.01	\$ 21,026.02
28	Install F-7 Foundation	EA	2	\$345.00	\$690.00	\$ 668.00	\$ 1,336.00	\$ 609.50	\$ 1,219.00	\$ 252.31	\$ 504.62
29	Install 19-24 CIDH (Pile) Foundation	EA	8	\$1,840.00	\$14,720.00	\$ 3,145.00	\$ 25,160.00	\$ 2,462.00	\$ 19,696.00	\$ 2,606.62	\$ 20,852.96
30	Install 26-29 CIDH (Pile) Foundation	EA	3	\$1,955.00	\$5,865.00	\$ 3,145.00	\$ 9,435.00	\$ 2,588.00	\$ 7,764.00	\$ 2,758.02	\$ 8,274.06
31	Relocate Video Camera	EA	1	\$1,500.00	\$1,500.00	\$ 1,273.00	\$ 1,273.00	\$ 792.00	\$ 792.00	\$ 3,033.00	\$ 3,033.00
32	Install CCTV Pole (Foundation)	EA	1	\$2,530.00	\$2,530.00	\$ 3,407.00	\$ 3,407.00	\$ 2,995.00	\$ 2,995.00	\$ 3,690.00	\$ 3,690.00
33	Install 2070 Controller (332 Cabinet)	EA	6	\$12,500.00	\$75,000.00	\$ 17,184.00	\$ 103,104.00	\$ 17,437.00	\$ 104,622.00	\$ 17,089.09	\$ 102,534.54

City of Los Angeles - Department of Transportation

Highway Safety Improvement Program (HSIP) - Install New Traffic Signal at 11th Ave & Slauson Ave and Install Left-Turn Phasing at 6 Signalized Intersections



W.O. No. E1907427; Federal Project Nos. HSIPL 5006(553) & 5006(532)

DETAILED RESULTS				City Engineer's Estimate		Sully-Miller Contracting Company		KDC, Inc. dba Dynalectric		C.T. & F., Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
34	Install F-332 Foundation	EA	1	\$920.00	\$920.00	\$ 1,481.00	\$ 1,481.00	\$ 1,126.00	\$ 1,126.00	\$ 986.00	\$ 986.00
35	Install 1-Way Pedestrian Head	EA	16	\$1,106.00	\$17,696.00	\$ 671.00	\$ 10,736.00	\$ 582.00	\$ 9,312.00	\$ 742.11	\$ 11,873.76
36	Install Pedestrian Head Module	EA	34	\$500.00	\$17,000.00	\$ 584.00	\$ 19,856.00	\$ 545.00	\$ 18,530.00	\$ 529.73	\$ 18,010.82
37	Install 1-Way 8" Vehicle Head	EA	6	\$805.00	\$4,830.00	\$ 561.00	\$ 3,366.00	\$ 599.00	\$ 3,594.00	\$ 688.99	\$ 4,133.94
38	Install 1-Way 12" Vehicle Head	EA	24	\$862.00	\$20,688.00	\$ 732.00	\$ 17,568.00	\$ 610.00	\$ 14,640.00	\$ 708.95	\$ 17,014.80
39	Install 12" Mast Arm Head	EA	9	\$805.00	\$7,245.00	\$ 660.00	\$ 5,940.00	\$ 671.00	\$ 6,039.00	\$ 772.06	\$ 6,948.54
40	Install 12" 5-Section Head (Cluster)	EA	12	\$1,380.00	\$16,560.00	\$ 995.00	\$ 11,940.00	\$ 933.00	\$ 11,196.00	\$ 1,080.04	\$ 12,960.48
41	Install 12" 5-Section Head (stacking)	EA	18	\$1,200.00	\$21,600.00	\$ 940.00	\$ 16,920.00	\$ 859.00	\$ 15,462.00	\$ 1,024.23	\$ 18,436.14
42	Install Beveled Visor Only	EA	4	\$150.00	\$600.00	\$ 152.00	\$ 608.00	\$ 443.00	\$ 1,772.00	\$ 127.11	\$ 508.44
43	Install Vehicle Detector Loop (Each)	EA	42	\$517.00	\$21,714.00	\$ 292.00	\$ 12,264.00	\$ 322.00	\$ 13,524.00	\$ 294.36	\$ 12,363.12
44	Install 6' Vehicle/Bicycle Detector Loop (Each)	EA	7	\$575.00	\$4,025.00	\$ 292.00	\$ 2,044.00	\$ 417.00	\$ 2,919.00	\$ 294.36	\$ 2,060.52
45	Install DLC Stub-out (Each)	EA	17	\$747.00	\$12,699.00	\$ 673.00	\$ 11,441.00	\$ 259.00	\$ 4,403.00	\$ 493.68	\$ 8,392.56
46	Intercept & Extend Conduit	EA	6	\$862.00	\$5,172.00	\$ 228.00	\$ 1,368.00	\$ 901.00	\$ 5,406.00	\$ 2,293.19	\$ 13,759.14
47	Install PB 2	EA	13	\$460.00	\$5,980.00	\$ 887.00	\$ 11,531.00	\$ 339.00	\$ 4,407.00	\$ 581.76	\$ 7,562.88
48	Install PB 3	EA	22	\$575.00	\$12,650.00	\$ 1,199.00	\$ 26,378.00	\$ 470.00	\$ 10,340.00	\$ 838.93	\$ 18,456.46
49	Pulling Cables/Wires in Existing Conduit Per Foot	LF	11,050	\$2.40	\$26,520.00	\$ 3.48	\$ 38,454.00	\$ 2.30	\$ 25,415.00	\$ 5.03	\$ 55,581.50
50	Install 2" Conduit & Pulling Wires Per Foot	LF	500	\$55.00	\$27,500.00	\$ 28.00	\$ 14,000.00	\$ 57.31	\$ 28,655.00	\$ 57.57	\$ 28,785.00
51	Install 3" Conduit & Pulling Wires Per Foot	LF	30	\$60.00	\$1,800.00	\$ 74.00	\$ 2,220.00	\$ 112.00	\$ 3,360.00	\$ 86.65	\$ 2,599.50
52	Relocate Sign	EA	1	\$90.00	\$90.00	\$ 610.00	\$ 610.00	\$ 885.00	\$ 885.00	\$ 159.00	\$ 159.00
53	Install Large-Street-Name Sign	EA	14	\$110.00	\$1,540.00	\$ 603.00	\$ 8,442.00	\$ 881.00	\$ 12,334.00	\$ 581.70	\$ 8,143.80
54	Install Signs	EA	6	\$110.00	\$660.00	\$ 168.00	\$ 1,008.00	\$ 457.00	\$ 2,742.00	\$ 475.68	\$ 2,854.08
55	Install Guide Sign	EA	1	\$1,000.00	\$1,000.00	\$ 430.00	\$ 430.00	\$ 1,303.00	\$ 1,303.00	\$ 2,798.00	\$ 2,798.00
56	Install APS	EA	50	\$980.00	\$49,000.00	\$ 1,161.00	\$ 58,050.00	\$ 1,163.00	\$ 58,150.00	\$ 1,155.03	\$ 57,751.50
57	CCTV Camera	EA	1	\$15,000.00	\$15,000.00	\$ 20,659.00	\$ 20,659.00	\$ 12,893.00	\$ 12,893.00	\$ 21,682.00	\$ 21,682.00
58	Install Transit Priority Sensor Unit	EA	1	\$1,000.00	\$1,000.00	\$ 1,269.00	\$ 1,269.00	\$ 1,935.00	\$ 1,935.00	\$ 1,150.00	\$ 1,150.00
59	ADA Access Ramp	EA	1	\$4,725.00	\$4,725.00	\$ 3,088.00	\$ 3,088.00	\$ 11,796.00	\$ 11,796.00	\$ 7,788.00	\$ 7,788.00
60	Install Service Riser & Fuse Kit	EA	1	\$460.00	\$460.00	\$ 1,462.00	\$ 1,462.00	\$ 3,048.00	\$ 3,048.00	\$ 1,560.00	\$ 1,560.00
Part II (Bid Items Nos. 61 to 95)											
61	Remove BSL Standard	EA	2	\$250.00	\$500.00	\$ 434.00	\$ 868.00	\$ 582.00	\$ 1,164.00	\$ 304.84	\$ 609.68
62	Remove BSL Foundation	EA	2	\$368.00	\$736.00	\$ 431.00	\$ 862.00	\$ 1,841.00	\$ 3,682.00	\$ 303.36	\$ 606.72
63	Remove Signs	EA	4	\$100.00	\$400.00	\$ 110.00	\$ 440.00	\$ 221.00	\$ 884.00	\$ 211.23	\$ 844.92
64	Remove Sign & Post	EA	4	\$200.00	\$800.00	\$ 219.00	\$ 876.00	\$ 872.00	\$ 3,488.00	\$ 461.11	\$ 1,844.44
65	Remove Pavement Marking	EA	10	\$100.00	\$1,000.00	\$ 494.00	\$ 4,940.00	\$ 583.00	\$ 5,830.00	\$ 559.63	\$ 5,596.30
66	Remove Tree	EA	1	\$5,000.00	\$5,000.00	\$ 882.00	\$ 882.00	\$ 4,086.00	\$ 4,086.00	\$ 2,557.00	\$ 2,557.00

City of Los Angeles - Department of Transportation

Highway Safety Improvement Program (HSIP) - Install New Traffic Signal at 11th Ave & Slauson Ave and Install Left-Turn Phasing at 6 Signalized Intersections

W.O. No. E1907427; Federal Project Nos. HSIPL 5006(553) & 5006(532)



DETAILED RESULTS				City Engineer's Estimate		Sully-Miller Contracting Company		KDC, Inc. dba Dynalectric		C.T. & F., Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
67	Install Type 1/1A or 9 Std. & Cable	EA	3	\$1,173.00	\$3,519.00	\$ 468.00	\$ 1,404.00	\$ 911.00	\$ 2,733.00	\$ 457.32	\$ 1,371.96
68	Install Type 7 Std. & Cable	EA	2	\$1,081.00	\$2,162.00	\$ 285.00	\$ 570.00	\$ 696.00	\$ 1,392.00	\$ 279.55	\$ 559.10
69	Install 17-3-100 Std. & Cable w/ M.A. & Luminaire	EA	1	\$4,949.00	\$4,949.00	\$ 4,141.00	\$ 4,141.00	\$ 5,465.00	\$ 5,465.00	\$ 4,359.00	\$ 4,359.00
70	Install 19-4-100 Std & Cable w/ M.A. & Luminaire	EA	1	\$5,849.00	\$5,849.00	\$ 4,938.00	\$ 4,938.00	\$ 6,590.00	\$ 6,590.00	\$ 5,310.00	\$ 5,310.00
71	Install F-1 Foundation	EA	3	\$460.00	\$1,380.00	\$ 1,197.00	\$ 3,591.00	\$ 497.00	\$ 1,491.00	\$ 645.69	\$ 1,937.07
72	Install F-7 Foundation	EA	2	\$345.00	\$690.00	\$ 668.00	\$ 1,336.00	\$ 610.00	\$ 1,220.00	\$ 252.31	\$ 504.62
73	Install 19-24 CIDH (Pile) Foundation	EA	2	\$1,840.00	\$3,680.00	\$ 3,146.00	\$ 6,292.00	\$ 2,558.00	\$ 5,116.00	\$ 2,619.74	\$ 5,239.48
74	Install 2070 Controller (332 Cabinet)	EA	1	\$12,500.00	\$12,500.00	\$ 17,667.00	\$ 17,667.00	\$ 18,298.00	\$ 18,298.00	\$ 16,236.00	\$ 16,236.00
75	BSL Standard	EA	2	\$3,000.00	\$6,000.00	\$ 2,089.00	\$ 4,178.00	\$ 3,086.00	\$ 6,172.00	\$ 2,127.60	\$ 4,255.20
76	BSL Foundation	EA	2	\$800.00	\$1,600.00	\$ 1,423.00	\$ 2,846.00	\$ 1,641.00	\$ 3,282.00	\$ 1,066.21	\$ 2,132.42
77	Install Signs	EA	3	\$200.00	\$600.00	\$ 749.00	\$ 2,247.00	\$ 1,003.00	\$ 3,009.00	\$ 1,207.38	\$ 3,622.14
78	Install Curb Ramps	EA	1	\$3,000.00	\$3,000.00	\$ 3,088.00	\$ 3,088.00	\$ 11,795.00	\$ 11,795.00	\$ 7,788.00	\$ 7,788.00
79	Install 1-Way Pedestrian Head	EA	6	\$1,106.00	\$6,636.00	\$ 671.00	\$ 4,026.00	\$ 645.00	\$ 3,870.00	\$ 745.78	\$ 4,474.68
80	Install 1-Way 12" Vehicle Head	EA	4	\$862.00	\$3,448.00	\$ 750.00	\$ 3,000.00	\$ 755.00	\$ 3,020.00	\$ 730.32	\$ 2,921.28
81	Install 2-Way 12" Vehicle Head	EA	1	\$1,470.00	\$1,470.00	\$ 1,383.00	\$ 1,383.00	\$ 1,597.00	\$ 1,597.00	\$ 1,346.00	\$ 1,346.00
82	Install 12" Mast Arm Head	EA	2	\$805.00	\$1,610.00	\$ 660.00	\$ 1,320.00	\$ 834.00	\$ 1,668.00	\$ 767.11	\$ 1,534.22
83	Install Vehicle Detector Loop (Each)	EA	4	\$517.00	\$2,068.00	\$ 292.00	\$ 1,168.00	\$ 459.00	\$ 1,836.00	\$ 294.36	\$ 1,177.44
84	Install 6' Vehicle/Bicycle Detector Loop (Each)	EA	4	\$575.00	\$2,300.00	\$ 292.00	\$ 1,168.00	\$ 482.00	\$ 1,928.00	\$ 294.36	\$ 1,177.44
85	Install DLC Stub-out (Each)	EA	3	\$747.00	\$2,241.00	\$ 673.00	\$ 2,019.00	\$ 426.00	\$ 1,278.00	\$ 479.97	\$ 1,439.91
86	Intercept & Extend Conduit	EA	2	\$862.00	\$1,724.00	\$ 228.00	\$ 456.00	\$ 1,103.00	\$ 2,206.00	\$ 1,414.02	\$ 2,828.04
87	Install PB 2	EA	7	\$460.00	\$3,220.00	\$ 887.00	\$ 6,209.00	\$ 378.00	\$ 2,646.00	\$ 588.42	\$ 4,118.94
88	Install PB 3	EA	6	\$575.00	\$3,450.00	\$ 1,199.00	\$ 7,194.00	\$ 482.00	\$ 2,892.00	\$ 768.68	\$ 4,612.08
89	Pulling Cables/Wires in Existing Conduit Per Foot	LF	600	\$2.40	\$1,440.00	\$ 4.20	\$ 2,520.00	\$ 13.33	\$ 7,998.00	\$ 5.71	\$ 3,426.00
90	Install 2" Conduit & Pulling Wires Per Foot	LF	360	\$55.00	\$19,800.00	\$ 28.25	\$ 10,170.00	\$ 59.00	\$ 21,240.00	\$ 60.58	\$ 21,808.80
91	Install 3" Conduit & Pulling Wires Per Foot	LF	200	\$60.00	\$12,000.00	\$ 65.00	\$ 13,000.00	\$ 75.00	\$ 15,000.00	\$ 110.59	\$ 22,118.00
92	Install APS (per pair)	EA	2	\$2,500.00	\$5,000.00	\$ 2,380.00	\$ 4,760.00	\$ 2,665.00	\$ 5,330.00	\$ 2,354.11	\$ 4,708.22
93	Install Service Riser & Fuse Kit	EA	1	\$460.00	\$460.00	\$ 1,462.00	\$ 1,462.00	\$ 2,989.00	\$ 2,989.00	\$ 1,706.00	\$ 1,706.00
94	Install Striping (Per Foot)	LF	650	\$1.20	\$780.00	\$ 9.90	\$ 6,435.00	\$ 11.50	\$ 7,475.00	\$ 20.43	\$ 13,279.50
95	BSL items - 11th Ave & Slauson Ave	LS	1	\$21,200.00	\$21,200.00	\$ 4,950.00	\$ 4,950.00		\$ -	\$ 8,139.00	\$ 8,139.00
				\$731,500.00	\$	748,089.00	\$	810,148.00	\$	827,757.72	
						{ High }	2.27%	{ High }	10.75%	{ High }	13.16%

City of Los Angeles - Department of Transportation

Highway Safety Improvement Program (HSIP) - Install New Traffic Signal at 11th Ave & Slauson Ave and Install Left-Turn Phasing at 6 Signalized Intersections

W.O. No. E1907427; Federal Project Nos. HSIPL 5006(553) & 5006(532)



DETAILED RESULTS				City Engineer's Estimate		Steiny and Company, Inc.		JFL Electric, Inc.		J. Fletcher Creamer & Son, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
Part I (Bid Items Nos. 1 to 60)											
1	Remove Type 7 Std.	EA	1	\$80.50	\$80.50	\$ 53.00	\$ 53.00	\$ 321.00	\$ 321.00	\$ 240.00	\$ 240.00
2	Remove Type 16, CD954 Std.	EA	3	\$287.50	\$862.50	\$ 617.00	\$ 1,851.00	\$ 454.75	\$ 1,364.25	\$ 1,400.00	\$ 4,200.00
3	Remove F-1, F-8, F-9 Foundation	EA	1	\$241.50	\$241.50	\$ 340.00	\$ 340.00	\$ 428.00	\$ 428.00	\$ 500.00	\$ 500.00
4	Remove F-7 Foundation	EA	1	\$207.00	\$207.00	\$ 220.00	\$ 220.00	\$ 481.50	\$ 481.50	\$ 150.00	\$ 150.00
5	Remove F-2 Foundation	EA	4	\$368.00	\$1,472.00	\$ 340.00	\$ 1,360.00	\$ 535.00	\$ 2,140.00	\$ 515.00	\$ 2,060.00
6	Remove Pedestrian Head Assembly	EA	14	\$92.00	\$1,288.00	\$ 77.00	\$ 1,078.00	\$ 96.30	\$ 1,348.20	\$ 125.00	\$ 1,750.00
7	Remove Vehicle Head Assembly	EA	41	\$92.00	\$3,772.00	\$ 77.00	\$ 3,157.00	\$ 126.26	\$ 5,176.66	\$ 125.00	\$ 5,125.00
8	Remove Mast Arm Heads	EA	15	\$92.00	\$1,380.00	\$ 207.00	\$ 3,105.00	\$ 142.31	\$ 2,134.65	\$ 190.00	\$ 2,850.00
9	Remove Pedestrian Push Button	EA	34	\$23.00	\$782.00	\$ 52.00	\$ 1,768.00	\$ 37.45	\$ 1,273.30	\$ 10.00	\$ 340.00
10	Remove 15'/20' Mast Arm	EA	15	\$172.50	\$2,587.50	\$ 308.00	\$ 4,620.00	\$ 214.00	\$ 3,210.00	\$ 910.00	\$ 13,650.00
11	Remove 170 Controller & Cabinet (337)	EA	1	\$400.00	\$400.00	\$ 377.00	\$ 377.00	\$ 893.45	\$ 893.45	\$ 870.00	\$ 870.00
12	Remove 170 Controller & Cabinet (332)	EA	2	\$400.00	\$800.00	\$ 377.00	\$ 754.00	\$ 893.45	\$ 1,786.90	\$ 110.00	\$ 220.00
13	Remove 2070 Controller & Cabinet (332)	EA	3	\$400.00	\$1,200.00	\$ 377.00	\$ 1,131.00	\$ 893.45	\$ 2,680.35	\$ 110.00	\$ 330.00
14	Remove Video Camera Only	EA	1	\$1,600.00	\$1,600.00	\$ 200.00	\$ 200.00	\$ 235.40	\$ 235.40	\$ 250.00	\$ 250.00
15	BSL items - Camarillo St, Riverside Dr & Tujunga Av	EA	1	\$6,670.00	\$6,670.00	\$ 25,500.00	\$ 25,500.00	\$ 7,490.00	\$ 7,490.00	\$ 5,600.00	\$ 5,600.00
16	BSL items - Hazeltine Av & Sherman Wy	EA	1	\$2,970.00	\$2,970.00	\$ 5,200.00	\$ 5,200.00	\$ 4,815.00	\$ 4,815.00	\$ 4,500.00	\$ 4,500.00
17	BSL items - Martin Luther King Jr. Bl. & Normandie Ave.	EA	1	\$12,160.00	\$12,160.00	\$ 27,000.00	\$ 27,000.00	\$ 13,910.00	\$ 13,910.00	\$ 15,000.00	\$ 15,000.00
18	BSL items - Parthenia St. & Tampa Av	EA	1	\$18,927.00	\$18,927.00	\$ 35,700.00	\$ 35,700.00	\$ 12,305.00	\$ 12,305.00	\$ 20,900.00	\$ 20,900.00
19	BSL items - Van Nuys Bl & Victory Bl	EA	1	\$4,360.00	\$4,360.00	\$ 11,000.00	\$ 11,000.00	\$ 6,420.00	\$ 6,420.00	\$ 9,550.00	\$ 9,550.00
20	BSL items - Victory Bl & Woodman Av	EA	1	\$3,780.00	\$3,780.00	\$ 11,700.00	\$ 11,700.00	\$ 4,280.00	\$ 4,280.00	\$ 4,100.00	\$ 4,100.00
21	Install Type 7 Std. & Cable	EA	3	\$1,081.00	\$3,243.00	\$ 407.00	\$ 1,221.00	\$ 308.16	\$ 924.48	\$ 360.00	\$ 1,080.00
22	Install 18-4-100 Std & Cable w/ M.A.	EA	2	\$4,140.00	\$8,280.00	\$ 4,800.00	\$ 9,600.00	\$ 6,045.50	\$ 12,091.00	\$ 6,750.00	\$ 13,500.00
23	Install 19-4-100 Std & Cable w/ M.A. & Luminaire	EA	5	\$5,849.00	\$29,245.00	\$ 6,250.00	\$ 31,250.00	\$ 7,241.76	\$ 36,208.80	\$ 8,450.00	\$ 42,250.00
24	Install 23-3-100 Std & Cable w/ M.A.	EA	1	\$6,336.00	\$6,336.00	\$ 5,400.00	\$ 5,400.00	\$ 6,955.00	\$ 6,955.00	\$ 7,400.00	\$ 7,400.00
25	Install 24-4-100 Std & Cable w/ M.A. & Luminaire	EA	4	\$5,200.00	\$20,800.00	\$ 6,400.00	\$ 25,600.00	\$ 7,757.50	\$ 31,030.00	\$ 8,500.00	\$ 34,000.00
26	Install 26-4-100 Std & Cable w/ M.A. & Luminaire	EA	3	\$6,225.00	\$18,675.00	\$ 8,300.00	\$ 24,900.00	\$ 10,058.00	\$ 30,174.00	\$ 10,800.00	\$ 32,400.00
27	Install Type C-2 Camara Pole w/ M.A. & Luminaire	EA	2	\$18,595.00	\$37,190.00	\$ 11,400.00	\$ 22,800.00	\$ 18,859.82	\$ 37,719.64	\$ 16,000.00	\$ 32,000.00
28	Install F-7 Foundation	EA	2	\$345.00	\$690.00	\$ 470.00	\$ 940.00	\$ 358.45	\$ 716.90	\$ 1,000.00	\$ 2,000.00
29	Install 19-24 CIDH (Pile) Foundation	EA	8	\$1,840.00	\$14,720.00	\$ 2,700.00	\$ 21,600.00	\$ 3,518.16	\$ 28,145.28	\$ 3,850.00	\$ 30,800.00
30	Install 26-29 CIDH (Pile) Foundation	EA	3	\$1,955.00	\$5,865.00	\$ 2,800.00	\$ 8,400.00	\$ 2,696.40	\$ 8,089.20	\$ 3,830.00	\$ 11,490.00
31	Relocate Video Camera	EA	1	\$1,500.00	\$1,500.00	\$ 2,050.00	\$ 2,050.00	\$ 2,033.00	\$ 2,033.00	\$ 1,820.00	\$ 1,820.00
32	Install CCTV Pole (Foundation)	EA	1	\$2,530.00	\$2,530.00	\$ 3,100.00	\$ 3,100.00	\$ 2,354.00	\$ 2,354.00	\$ 4,400.00	\$ 4,400.00

City of Los Angeles - Department of Transportation

Highway Safety Improvement Program (HSIP) - Install New Traffic Signal at 11th Ave & Slauson Ave and Install Left-Turn Phasing at 6 Signalized Intersections



W.O. No. E1907427; Federal Project Nos. HSIPL 5006(553) & 5006(532)

DETAILED RESULTS				City Engineer's Estimate		Steiny and Company, Inc.		JFL Electric, Inc.		J. Fletcher Creamer & Son, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
33	Install 2070 Controller (332 Cabinet)	EA	6	\$12,500.00	\$75,000.00	\$ 17,000.00	\$ 102,000.00	\$ 27,499.00	\$ 164,994.00	\$ 20,500.00	\$ 123,000.00
34	Install F-332 Foundation	EA	1	\$920.00	\$920.00	\$ 900.00	\$ 900.00	\$ 856.00	\$ 856.00	\$ 1,500.00	\$ 1,500.00
35	Install 1-Way Pedestrian Head	EA	16	\$1,106.00	\$17,696.00	\$ 700.00	\$ 11,200.00	\$ 570.31	\$ 9,124.96	\$ 660.00	\$ 10,560.00
36	Install Pedestrian Head Module	EA	34	\$500.00	\$17,000.00	\$ 470.00	\$ 15,980.00	\$ 346.68	\$ 11,787.12	\$ 600.00	\$ 20,400.00
37	Install 1-Way 8" Vehicle Head	EA	6	\$805.00	\$4,830.00	\$ 520.00	\$ 3,120.00	\$ 602.41	\$ 3,614.46	\$ 620.00	\$ 3,720.00
38	Install 1-Way 12" Vehicle Head	EA	24	\$862.00	\$20,688.00	\$ 670.00	\$ 16,080.00	\$ 647.35	\$ 15,536.40	\$ 725.00	\$ 17,400.00
39	Install 12" Mast Arm Head	EA	9	\$805.00	\$7,245.00	\$ 670.00	\$ 6,030.00	\$ 609.90	\$ 5,489.10	\$ 660.00	\$ 5,940.00
40	Install 12" 5-Section Head (Cluster)	EA	12	\$1,380.00	\$16,560.00	\$ 950.00	\$ 11,400.00	\$ 931.97	\$ 11,183.64	\$ 1,050.00	\$ 12,600.00
41	Install 12" 5-Section Head (stacking)	EA	18	\$1,200.00	\$21,600.00	\$ 930.00	\$ 16,740.00	\$ 945.88	\$ 17,025.84	\$ 1,000.00	\$ 18,000.00
42	Install Beveled Visor Only	EA	4	\$150.00	\$600.00	\$ 170.00	\$ 680.00	\$ 231.12	\$ 924.48	\$ 170.00	\$ 680.00
43	Install Vehicle Detector Loop (Each)	EA	42	\$517.00	\$21,714.00	\$ 370.00	\$ 15,540.00	\$ 306.02	\$ 12,852.84	\$ 350.00	\$ 14,700.00
44	Install 6' Vehicle/Bicycle Detector Loop (Each)	EA	7	\$575.00	\$4,025.00	\$ 400.00	\$ 2,800.00	\$ 306.02	\$ 2,142.14	\$ 380.00	\$ 2,660.00
45	Install DLC Stub-out (Each)	EA	17	\$747.00	\$12,699.00	\$ 500.00	\$ 8,500.00	\$ 160.50	\$ 2,728.50	\$ 570.00	\$ 9,690.00
46	Intercept & Extend Conduit	EA	6	\$862.00	\$5,172.00	\$ 2,260.00	\$ 13,560.00	\$ 1,284.00	\$ 7,704.00	\$ 2,200.00	\$ 13,200.00
47	Install PB 2	EA	13	\$460.00	\$5,980.00	\$ 850.00	\$ 11,050.00	\$ 856.00	\$ 11,128.00	\$ 950.00	\$ 12,350.00
48	Install PB 3	EA	22	\$575.00	\$12,650.00	\$ 820.00	\$ 18,040.00	\$ 963.00	\$ 21,186.00	\$ 1,230.00	\$ 27,060.00
49	Pulling Cables/Wires in Existing Conduit Per Foot	LF	11,050	\$2.40	\$26,520.00	\$ 4.90	\$ 54,145.00	\$ 5.03	\$ 55,581.50	\$ 2.80	\$ 30,940.00
50	Install 2" Conduit & Pulling Wires Per Foot	LF	500	\$55.00	\$27,500.00	\$ 54.00	\$ 27,000.00	\$ 39.27	\$ 19,635.00	\$ 70.00	\$ 35,000.00
51	Install 3" Conduit & Pulling Wires Per Foot	LF	30	\$60.00	\$1,800.00	\$ 64.00	\$ 1,920.00	\$ 46.01	\$ 1,380.30	\$ 70.00	\$ 2,100.00
52	Relocate Sign	EA	1	\$90.00	\$90.00	\$ 338.00	\$ 338.00	\$ 214.00	\$ 214.00	\$ 100.00	\$ 100.00
53	Install Large-Street-Name Sign	EA	14	\$110.00	\$1,540.00	\$ 428.00	\$ 5,992.00	\$ 781.00	\$ 10,934.00	\$ 400.00	\$ 5,600.00
54	Install Signs	EA	6	\$110.00	\$660.00	\$ 230.00	\$ 1,380.00	\$ 321.00	\$ 1,926.00	\$ 470.00	\$ 2,820.00
55	Install Guide Sign	EA	1	\$1,000.00	\$1,000.00	\$ 390.00	\$ 390.00	\$ 535.00	\$ 535.00	\$ 80.00	\$ 80.00
56	Install APS	EA	50	\$980.00	\$49,000.00	\$ 1,440.00	\$ 72,000.00	\$ 1,279.72	\$ 63,986.00	\$ 1,575.00	\$ 78,750.00
57	CCTV Camera	EA	1	\$15,000.00	\$15,000.00	\$ 13,000.00	\$ 13,000.00	\$ 23,540.00	\$ 23,540.00	\$ 29,000.00	\$ 29,000.00
58	Install Transit Priority Sensor Unit	EA	1	\$1,000.00	\$1,000.00	\$ 1,600.00	\$ 1,600.00	\$ 2,140.00	\$ 2,140.00	\$ 1,655.00	\$ 1,655.00
59	ADA Access Ramp	EA	1	\$4,725.00	\$4,725.00	\$ 8,000.00	\$ 8,000.00	\$ 3,210.00	\$ 3,210.00	\$ 6,400.00	\$ 6,400.00
60	Install Service Riser & Fuse Kit	EA	1	\$460.00	\$460.00	\$ 900.00	\$ 900.00	\$ 1,583.60	\$ 1,583.60	\$ 600.00	\$ 600.00
Part II (Bid Items Nos. 61 to 95)											
61	Remove BSL Standard	EA	2	\$250.00	\$500.00	\$ 400.00	\$ 800.00	\$ 535.00	\$ 1,070.00	\$ 400.00	\$ 800.00
62	Remove BSL Foundation	EA	2	\$368.00	\$736.00	\$ 870.00	\$ 1,740.00	\$ 856.00	\$ 1,712.00	\$ 430.00	\$ 860.00
63	Remove Signs	EA	4	\$100.00	\$400.00	\$ 307.00	\$ 1,228.00	\$ 214.00	\$ 856.00	\$ 100.00	\$ 400.00
64	Remove Sign & Post	EA	4	\$200.00	\$800.00	\$ 410.00	\$ 1,640.00	\$ 160.50	\$ 642.00	\$ 140.00	\$ 560.00

City of Los Angeles - Department of Transportation

Highway Safety Improvement Program (HSIP) - Install New Traffic Signal at 11th Ave & Slauson Ave and Install Left-Turn Phasing at 6 Signalized Intersections



W.O. No. E1907427; Federal Project Nos. HSIPL 5006(553) & 5006(532)

DETAILED RESULTS				City Engineer's Estimate		Steiny and Company, Inc.		JFL Electric, Inc.		J. Fletcher Creamer & Son, Inc.	
ITEM	DESCRIPTION	UNIT	QTY.	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL	UNIT PRICE	ITEM TOTAL
65	Remove Pavement Marking	EA	10	\$100.00	\$1,000.00	\$ 555.00	\$ 5,550.00	\$ 505.58	\$ 5,055.80	\$ 520.00	\$ 5,200.00
66	Remove Tree	EA	1	\$5,000.00	\$5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 3,210.00	\$ 3,210.00	\$ 120.00	\$ 120.00
67	Install Type 1/1A or 9 Std. & Cable	EA	3	\$1,173.00	\$3,519.00	\$ 960.00	\$ 2,880.00	\$ 1,530.00	\$ 4,590.00	\$ 1,720.00	\$ 5,160.00
68	Install Type 7 Std. & Cable	EA	2	\$1,081.00	\$2,162.00	\$ 510.00	\$ 1,020.00	\$ 428.00	\$ 856.00	\$ 2,300.00	\$ 4,600.00
69	Install 17-3-100 Std. & Cable w/ M.A. & Luminaire	EA	1	\$4,949.00	\$4,949.00	\$ 5,700.00	\$ 5,700.00	\$ 6,206.00	\$ 6,206.00	\$ 5,600.00	\$ 5,600.00
70	Install 19-4-100 Std & Cable w/ M.A. & Luminaire	EA	1	\$5,849.00	\$5,849.00	\$ 5,700.00	\$ 5,700.00	\$ 7,241.76	\$ 7,241.76	\$ 6,400.00	\$ 6,400.00
71	Install F-1 Foundation	EA	3	\$460.00	\$1,380.00	\$ 740.00	\$ 2,220.00	\$ 358.45	\$ 1,075.35	\$ 550.00	\$ 1,650.00
72	Install F-7 Foundation	EA	2	\$345.00	\$690.00	\$ 250.00	\$ 500.00	\$ 358.45	\$ 716.90	\$ 900.00	\$ 1,800.00
73	Install 19-24 CIDH (Pile) Foundation	EA	2	\$1,840.00	\$3,680.00	\$ 2,700.00	\$ 5,400.00	\$ 1,926.00	\$ 3,852.00	\$ 2,850.00	\$ 5,700.00
74	Install 2070 Controller (332 Cabinet)	EA	1	\$12,500.00	\$12,500.00	\$ 17,000.00	\$ 17,000.00	\$ 27,499.00	\$ 27,499.00	\$ 17,000.00	\$ 17,000.00
75	BSL Standard	EA	2	\$3,000.00	\$6,000.00	\$ 2,300.00	\$ 4,600.00	\$ 2,477.05	\$ 4,954.10	\$ 3,100.00	\$ 6,200.00
76	BSL Foundation	EA	2	\$800.00	\$1,600.00	\$ 1,000.00	\$ 2,000.00	\$ 1,284.00	\$ 2,568.00	\$ 1,040.00	\$ 2,080.00
77	Install Signs	EA	3	\$200.00	\$600.00	\$ 630.00	\$ 1,890.00	\$ 535.00	\$ 1,605.00	\$ 225.00	\$ 675.00
78	Install Curb Ramps	EA	1	\$3,000.00	\$3,000.00	\$ 12,000.00	\$ 12,000.00	\$ 3,210.00	\$ 3,210.00	\$ 5,050.00	\$ 5,050.00
79	Install 1-Way Pedestrian Head	EA	6	\$1,106.00	\$6,636.00	\$ 460.00	\$ 2,760.00	\$ 570.31	\$ 3,421.86	\$ 550.00	\$ 3,300.00
80	Install 1-Way 12" Vehicle Head	EA	4	\$862.00	\$3,448.00	\$ 350.00	\$ 1,400.00	\$ 647.35	\$ 2,589.40	\$ 650.00	\$ 2,600.00
81	Install 2-Way 12" Vehicle Head	EA	1	\$1,470.00	\$1,470.00	\$ 1,100.00	\$ 1,100.00	\$ 1,257.25	\$ 1,257.25	\$ 1,000.00	\$ 1,000.00
82	Install 12" Mast Arm Head	EA	2	\$805.00	\$1,610.00	\$ 2,250.00	\$ 4,500.00	\$ 609.90	\$ 1,219.80	\$ 570.00	\$ 1,140.00
83	Install Vehicle Detector Loop (Each)	EA	4	\$517.00	\$2,068.00	\$ 320.00	\$ 1,280.00	\$ 306.20	\$ 1,224.80	\$ 300.00	\$ 1,200.00
84	Install 6' Vehicle/Bicycle Detector Loop (Each)	EA	4	\$575.00	\$2,300.00	\$ 320.00	\$ 1,280.00	\$ 306.20	\$ 1,224.80	\$ 330.00	\$ 1,320.00
85	Install DLC Stub-out (Each)	EA	3	\$747.00	\$2,241.00	\$ 520.00	\$ 1,560.00	\$ 160.50	\$ 481.50	\$ 500.00	\$ 1,500.00
86	Intercept & Extend Conduit	EA	2	\$862.00	\$1,724.00	\$ 2,900.00	\$ 5,800.00	\$ 321.00	\$ 642.00	\$ 1,900.00	\$ 3,800.00
87	Install PB 2	EA	7	\$460.00	\$3,220.00	\$ 850.00	\$ 5,950.00	\$ 856.00	\$ 5,992.00	\$ 820.00	\$ 5,740.00
88	Install PB 3	EA	6	\$575.00	\$3,450.00	\$ 820.00	\$ 4,920.00	\$ 963.00	\$ 5,778.00	\$ 775.00	\$ 4,650.00
89	Pulling Cables/Wires in Existing Conduit Per Foot	LF	600	\$2.40	\$1,440.00	\$ 22.50	\$ 13,500.00	\$ 5.35	\$ 3,210.00	\$ 4.25	\$ 2,550.00
90	Install 2" Conduit & Pulling Wires Per Foot	LF	360	\$55.00	\$19,800.00	\$ 45.00	\$ 16,200.00	\$ 39.59	\$ 14,252.40	\$ 61.00	\$ 21,960.00
91	Install 3" Conduit & Pulling Wires Per Foot	LF	200	\$60.00	\$12,000.00	\$ 55.00	\$ 11,000.00	\$ 47.08	\$ 9,416.00	\$ 67.00	\$ 13,400.00
92	Install APS (per pair)	EA	2	\$2,500.00	\$5,000.00	\$ 411.00	\$ 822.00	\$ 2,559.44	\$ 5,118.88	\$ 2,400.00	\$ 4,800.00
93	Install Service Riser & Fuse Kit	EA	1	\$460.00	\$460.00	\$ 1,000.00	\$ 1,000.00	\$ 1,583.60	\$ 1,583.60	\$ 530.00	\$ 530.00
94	Install Striping (Per Foot)	LF	650	\$1.20	\$780.00	\$ 12.00	\$ 7,800.00	\$ 10.11	\$ 6,571.50	\$ 10.50	\$ 6,825.00
95	BSL items - 11th Ave & Slauson Ave	LS	1	\$21,200.00	\$21,200.00	\$ 17,000.00	\$ 17,000.00	\$ 52,100.00	\$ 52,100.00	\$ 9,000.00	\$ 9,000.00
				\$731,500.00	\$	907,000.00	\$	945,081.54	\$	947,000.00	\$
						{ High }	23.99%	{ High }	29.20%	{ High }	29.46%