

REF. NO.	ITEM NO.	DESCRIPTION	QTY.	UNIT	ENGINEER'S ESTIMATE		1. LIBERTA CONS DBA CIOFFI		2. VITO GIRONDA		3. KENMORE CONST.	
					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	103.05	Contract Performance Bond	1	L.S.	\$8,000.00	\$8,000.00	\$7,800.00	\$7,800.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00
2	203	Proof Rolling	10	Hours	\$80.00	\$800.00	\$5.00	\$50.00	\$1.00	\$10.00	\$85.00	\$850.00
3	203	Excavation Including Embankment Construction	1450	C.Y.	\$11.00	\$15,950.00	\$15.00	\$21,750.00	\$20.00	\$29,000.00	\$18.00	\$26,100.00
4	203	Borrow	100	C.Y.	\$15.00	\$1,500.00	\$15.00	\$1,500.00	\$6.00	\$600.00	\$24.00	\$2,400.00
5	203	Aggregate Refill Type 1	710	C.Y.	\$28.00	\$19,880.00	\$35.00	\$24,850.00	\$40.00	\$28,400.00	\$34.00	\$24,140.00
6	203	Aggregate Refill Type 2	100	C.Y.	\$30.00	\$3,000.00	\$37.00	\$3,700.00	\$35.00	\$3,500.00	\$35.00	\$3,500.00
7	265	Water Main Valve Adjusted	12	Each	\$70.00	\$840.00	\$75.00	\$900.00	\$150.00	\$1,800.00	\$75.00	\$900.00
8	301	Bituminous Aggregate Base, 8-3/4" Thick	1385	C.Y.	\$62.00	\$85,870.00	\$63.95	\$88,570.75	\$55.00	\$76,175.00	\$68.00	\$94,180.00
9	404	Asphalt Concrete, 4" Thick, Drive Reconstruction	15	C.Y.	\$200.00	\$3,000.00	\$200.00	\$3,000.00	\$150.00	\$2,250.00	\$120.00	\$1,800.00
10	407	Tack Coat	570	Gallon	\$1.50	\$855.00	\$1.27	\$723.90	\$1.00	\$570.00	\$1.25	\$712.50
11	410	Drive and Walkway Sealcoat	115	S.Y.	\$6.00	\$690.00	\$10.00	\$1,150.00	\$1.00	\$115.00	\$3.00	\$345.00
12	446	Asphalt Concrete Surface Course, 1-1/4" Thick, Type 1 Medium, PG 64-22	200	C.Y.	\$75.00	\$15,000.00	\$91.78	\$18,356.00	\$90.00	\$18,000.00	\$76.00	\$15,200.00
13	455	Curb, 6" X 18"	150	L.F.	\$15.00	\$2,250.00	\$20.00	\$3,000.00	\$16.00	\$2,400.00	\$15.00	\$2,250.00
14	455	Combination Curb & Gutter	3075	L.F.	\$13.00	\$39,975.00	\$15.00	\$46,125.00	\$14.00	\$43,050.00	\$17.00	\$52,275.00
15	456	Concrete Drive Aprons	1760	S.F.	\$3.75	\$6,600.00	\$3.50	\$6,160.00	\$4.50	\$7,920.00	\$3.75	\$6,600.00
16	456	Concrete Drive Reconstruction, 6" Thick	500	S.F.	\$3.75	\$1,875.00	\$3.50	\$1,750.00	\$4.50	\$2,250.00	\$3.75	\$1,875.00
17	456	Concrete Housewalk Reconstruction, 4" Thick	100	S.F.	\$3.75	\$375.00	\$4.50	\$450.00	\$4.00	\$400.00	\$3.50	\$350.00
18	456	Curb Ramps	12	Each	\$200.00	\$2,400.00	\$125.00	\$1,500.00	\$200.00	\$2,400.00	\$600.00	\$7,200.00
19	456	Concrete Walk, 6" Thick	6350	S.F.	\$3.75	\$23,812.50	\$3.50	\$22,225.00	\$4.00	\$25,400.00	\$3.75	\$23,812.50
20	456	Concrete Walk, 4" Thick	9490	S.F.	\$3.25	\$30,842.50	\$3.10	\$29,419.00	\$3.95	\$37,485.50	\$3.25	\$30,842.50
21	553	12 inch RCP Inlet Connection, 706.02 w/ 706.11, Class "B" Bedding	100	L.F.	\$42.00	\$4,200.00	\$50.00	\$5,000.00	\$55.00	\$5,500.00	\$45.00	\$4,500.00
22	556	House Drain Pipe, Complete 711.29	34	Each	\$30.00	\$1,020.00	\$50.00	\$1,700.00	\$40.00	\$1,360.00	\$1.00	\$34.00
23	556	House Drain Pipe, Type "A", 711.29	170	L.F.	\$2.50	\$425.00	\$5.00	\$850.00	\$5.00	\$850.00	\$0.01	\$1.70
24	562	Brick Manhole Adjusted	13	Each	\$275.00	\$3,575.00	\$150.00	\$1,950.00	\$300.00	\$3,900.00	\$250.00	\$3,250.00
25	563	Inlets, Single No. 5 (City to Supply Castings)	4	Each	\$1,100.00	\$4,400.00	\$550.00	\$2,200.00	\$1,500.00	\$6,000.00	\$1,100.00	\$4,400.00
26	563	Inlets, Double No. 5 (City to Supply Castings)	2	Each	\$1,200.00	\$2,400.00	\$650.00	\$1,300.00	\$1,700.00	\$3,400.00	\$1,400.00	\$2,800.00
27	563	Inlet Adjusted	2	Each	\$300.00	\$600.00	\$150.00	\$300.00	\$300.00	\$600.00	\$350.00	\$700.00
28	564	4" Pipe Underdrains	2500	L.F.	\$4.25	\$10,625.00	\$8.00	\$20,000.00	\$4.00	\$10,000.00	\$6.00	\$15,000.00
29	603	Gravel Drive Reconstruction, 6" Thick	20	S.Y.	\$10.00	\$200.00	\$5.00	\$100.00	\$10.00	\$200.00	\$14.00	\$280.00
30	604	Bank Run Gravel	30	C.Y.	\$10.00	\$300.00	\$25.00	\$750.00	\$6.00	\$180.00	\$24.00	\$720.00
31	608	Fence Removal and Reconstruction	50	L.F.	\$11.00	\$550.00	\$11.00	\$550.00	\$10.00	\$500.00	\$10.00	\$500.00
32	609	Engineering Geogrid For Roadways, Tensar BX-1200	300	S.Y.	\$4.00	\$1,200.00	\$4.30	\$1,290.00	\$4.00	\$1,200.00	\$4.50	\$1,350.00
33	609	Engineering Geogrid For Roadways, Tensar BX-1300	300	S.Y.	\$4.00	\$1,200.00	\$3.96	\$1,188.00	\$4.50	\$1,350.00	\$4.25	\$1,275.00
34	614	Maintaining Traffic	1	L.S.	\$3,000.00	\$3,000.00	\$3,600.00	\$3,600.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00
35	619	Field Office	1	L.S.	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
36	621	Lane Lines, 4", Type 1	170	L.F.	\$0.80	\$136.00	\$1.10	\$187.00	\$2.00	\$340.00	\$1.25	\$212.50

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					PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
37	621	Center Lines, Type 1	1220	L.F.	\$1.00	\$1,220.00	\$0.80	\$976.00	\$1.00	\$1,220.00	\$1.00	\$1,220.00
38	621	Stop Lines, Type 1	45	L.F.	\$5.50	\$247.50	\$5.28	\$237.60	\$5.00	\$225.00	\$5.00	\$225.00
39	621	Crosswalk Lines, Type 1	250	L.F.	\$3.00	\$750.00	\$3.30	\$825.00	\$2.00	\$500.00	\$4.00	\$1,000.00
40	622	Monument Boxes (City to Supply Castings)	2	Each	\$160.00	\$320.00	\$150.00	\$300.00	\$15.00	\$30.00	\$200.00	\$400.00
41	623	Construction Layout Stakes	1	L.S.	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00	\$10,000.00	\$10,000.00
42	624	Mobilization	1	L.S.	\$10,000.00	\$10,000.00	\$1,560.00	\$1,560.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
43	625	16' Galvanized Steel Double Upsweep Bracket Arms	2	Each	\$1,000.00	\$2,000.00	\$1,005.00	\$2,010.00	\$650.00	\$1,300.00	\$800.00	\$1,600.00
44	625	20' Galvanized Steel Double Upsweep Bracket Arms	1	Each	\$1,200.00	\$1,200.00	\$1,005.00	\$1,005.00	\$825.00	\$825.00	\$900.00	\$900.00
45	625	250 Watt HPS Cobra Luminare	3	Each	\$800.00	\$2,400.00	\$290.00	\$870.00	\$330.00	\$990.00	\$250.00	\$750.00
46	625	AWG No. 10 Type THWN, Pole & Bracket Arm Wire	300	L.F.	\$1.00	\$300.00	\$1.00	\$300.00	\$0.70	\$210.00	\$1.00	\$300.00
47	625	AWG No. 4 Type USE Copper 600 Volt Distribution Cable	500	L.F.	\$1.00	\$500.00	\$1.40	\$700.00	\$1.50	\$750.00	\$1.00	\$500.00
48	625	Connector Kit, Fused	2	Each	\$75.00	\$150.00	\$54.00	\$108.00	\$55.00	\$110.00	\$50.00	\$100.00
49	625	Underground 4-Unit Mole Connector	2	Each	\$75.00	\$150.00	\$213.40	\$426.80	\$110.00	\$220.00	\$100.00	\$200.00
50	625	Pull Box, 725.07, 17" X 30", as per plan	5	Each	\$485.00	\$2,425.00	\$563.20	\$2,816.00	\$450.00	\$2,250.00	\$500.00	\$2,500.00
51	625	Pull Box, 24"x18"x18" Polymer Concrete	3	Each	\$750.00	\$2,250.00	\$556.60	\$1,669.80	\$500.00	\$1,500.00	\$400.00	\$1,200.00
52	625	Ground Rod, as per plan	7	Each	\$130.00	\$910.00	\$63.00	\$441.00	\$110.00	\$770.00	\$100.00	\$700.00
53	625	2" Conduit Riser	1	Each	\$500.00	\$500.00	\$430.00	\$430.00	\$275.00	\$275.00	\$200.00	\$200.00
54	625	Trench, including restoration, as per plan	65	L.F.	\$25.00	\$1,625.00	\$5.95	\$386.75	\$26.00	\$1,690.00	\$10.00	\$650.00
55	625	Trench, not including restoration, as per plan	140	L.F.	\$12.00	\$1,680.00	\$4.50	\$630.00	\$4.50	\$630.00	\$40.00	\$5,600.00
56	625	Conduit, non-encased, as per plan 2"	90	L.F.	\$5.00	\$450.00	\$4.62	\$415.80	\$2.25	\$202.50	\$4.00	\$360.00
57	625	Conduit, concrete encased, as per plan 2"	120	L.F.	\$8.00	\$960.00	\$7.80	\$936.00	\$6.00	\$720.00	\$8.00	\$960.00
58	626	Geotextile Fabric, Type D	300	S.Y.	\$2.00	\$600.00	\$1.28	\$384.00	\$1.00	\$300.00	\$2.00	\$600.00
59	629	Street Name Sign Assembly Reset	2	Each	\$100.00	\$200.00	\$202.40	\$404.80	\$200.00	\$400.00	\$200.00	\$400.00
60	629	Street Name Sign	8	Each	\$50.00	\$400.00	\$110.00	\$880.00	\$110.00	\$880.00	\$100.00	\$800.00
61	629	Street Name Sign Assembly on Mast Arm	4	Each	\$150.00	\$600.00	\$418.00	\$1,672.00	\$400.00	\$1,600.00	\$300.00	\$1,200.00
62	630	Traffic Sign Reset	15	Each	\$50.00	\$750.00	\$110.00	\$1,650.00	\$100.00	\$1,500.00	\$100.00	\$1,500.00
63	630	Traffic Sign, Type A	1	Each	\$120.00	\$120.00	\$115.50	\$115.50	\$115.00	\$115.00	\$100.00	\$100.00
64	630	Traffic Sign, Type B	5	Each	\$170.00	\$850.00	\$172.70	\$863.50	\$175.00	\$875.00	\$100.00	\$500.00
65	632	Vehicular signal head, 3-section, 300mm lens, 1-way, polycarbonate, as per plan	8	Each	\$470.00	\$3,760.00	\$663.00	\$5,304.00	\$625.00	\$5,000.00	\$500.00	\$4,000.00
66	632	Pedestrian signal head, type D2, as per plan	8	Each	\$450.00	\$3,600.00	\$524.70	\$4,197.60	\$400.00	\$3,200.00	\$400.00	\$3,200.00
67	632	Covering of vehicular signal head, as per plan	8	Each	\$30.00	\$240.00	\$23.10	\$184.80	\$35.00	\$280.00	\$10.00	\$80.00
68	632	Pedestrian push button, as per plan	8	Each	\$170.00	\$1,360.00	\$204.60	\$1,636.80	\$220.00	\$1,760.00	\$200.00	\$1,600.00
69	632	Signal cable, 7 conductor, No. 14 AWG, as per plan	3000	L.F.	\$2.00	\$6,000.00	\$1.65	\$4,950.00	\$1.40	\$4,200.00	\$1.00	\$3,000.00
70	632	Power cable, 2 conductor, No. 6 AWG, as per plan	100	L.F.	\$2.25	\$225.00	\$2.31	\$231.00	\$1.50	\$150.00	\$2.00	\$200.00
71	632	Conduit, non-encased, as per plan 3"	160	L.F.	\$5.00	\$800.00	\$5.40	\$864.00	\$3.50	\$560.00	\$6.00	\$960.00
72	632	Conduit, concrete encased, as per plan 3"	160	L.F.	\$8.00	\$1,280.00	\$10.80	\$1,728.00	\$7.00	\$1,120.00	\$8.00	\$1,280.00
73	632	Trench, including restoration, as per plan	65	L.F.	\$25.00	\$1,625.00	\$5.95	\$386.75	\$6.00	\$390.00	\$12.00	\$780.00

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74	632	Trench, not including restoration, as per plan	65	L.F.	\$12.00	\$780.00	\$4.50	\$292.50	\$4.50	\$292.50	\$25.00	\$1,625.00
75	632	Conduit riser, 2" diameter, as per plan	1	Each	\$200.00	\$200.00	\$430.00	\$430.00	\$275.00	\$275.00	\$200.00	\$200.00
76	632	Combination Signal Support, Type TC-81.20 Design 3, As Per Plan	4	Each	\$3,500.00	\$14,000.00	\$4,876.00	\$19,504.00	\$6,325.00	\$25,300.00	\$3,000.00	\$12,000.00
77	632	Cabinet Foundation, As Per Plan	1	Each	\$900.00	\$900.00	\$800.00	\$800.00	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00
78	632	Removal of Traffic Signal Installation, as per plan	1	Each	\$1,300.00	\$1,300.00	\$1,036.00	\$1,036.00	\$1,900.00	\$1,900.00	\$1,200.00	\$1,200.00
79	632	Detector Loop, As Per Plan	3	Each	\$900.00	\$2,700.00	\$958.00	\$2,874.00	\$950.00	\$2,850.00	\$800.00	\$2,400.00
80	632	Loop Detector Lead-In Cable, 2 Conductor, No. 14 AWG, As Per Plan	500	L.F.	\$1.15	\$575.00	\$1.20	\$600.00	\$1.20	\$600.00	\$1.00	\$500.00
81	632	Loop Detector Unit, Delay and Extension Type	2	Each	\$270.00	\$540.00	\$320.00	\$640.00	\$150.00	\$300.00	\$200.00	\$400.00
82	633	Controller Unit, Type TS/A2, with Cabinet, Type TS1 (City to supply Controller and Cabinet)	1	Each	\$1,000.00	\$1,000.00	\$1,751.00	\$1,751.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
83	653	4" Topsoil Furnished and Placed	270	S.Y.	\$3.75	\$1,012.50	\$4.40	\$1,188.00	\$4.00	\$1,080.00	\$4.50	\$1,215.00
84	654	Lawn Renovation w/ Seeding	300	S.Y.	\$3.25	\$975.00	\$2.20	\$660.00	\$3.00	\$900.00	\$2.00	\$600.00
85	659	Lawn Seeding & Mulching	270	S.Y.	\$2.00	\$540.00	\$2.20	\$594.00	\$3.00	\$810.00	\$2.00	\$540.00
86	660	Sodding	250	S.Y.	\$6.50	\$1,625.00	\$10.00	\$2,500.00	\$9.00	\$2,250.00	\$10.00	\$2,500.00
87	663	Tree Planting in Lawn Strip	22	Each	\$280.00	\$6,160.00	\$300.00	\$6,600.00	\$290.00	\$6,380.00	\$250.00	\$5,500.00
88	SPEC	Signal Support Foundation, As Per Plan	4	Each	\$4,000.00	\$16,000.00	\$3,458.50	\$13,834.00	\$8,200.00	\$32,800.00	\$1,800.00	\$7,200.00
89	SPEC	Cement Stabilized Subgrade	6325	S.Y.	\$3.00	\$18,975.00	\$4.31	\$27,260.75	\$4.00	\$25,300.00	\$6.00	\$37,950.00
90	SPEC	Portland Cement & Pozzolanic Material	335	Ton	\$100.00	\$33,500.00	\$102.00	\$34,170.00	\$90.00	\$30,150.00	\$120.00	\$40,200.00
91	SPEC	Contractor Designed Cement Soil	1	L.S.	\$2,000.00	\$2,000.00	\$1,800.00	\$1,800.00	\$1,700.00	\$1,700.00	\$2,500.00	\$2,500.00
TOTAL CONSTRUCTION COSTS							\$458,576.00	\$487,975.40	\$509,640.50		\$518,950.70	
+/- ENGINEER'S ESTIMATE								6.4%		11.1%		13.2%