

**City of Green
Moore Road Sidewalk #15-H-13**

						Cavanaugh Building Corp.		Spano Brothers Construction		Lockhart Concrete Co.		Karvo Companies Inc.	
REF #	ITEM #	EXT.	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
ROADWAY													
1	201	11000	Clearing and Grubbing	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 2,200.00	\$ 2,200.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00
2	202	20010	Headwall Removed	1	EACH	\$ 500.00	\$ 500.00	\$ 1,988.00	\$ 1,988.00	\$ 100.00	\$ 100.00	\$ 1,400.00	\$ 1,400.00
3	202	23000	Pavement Removed	324	SY	\$ 5.00	\$ 1,620.00	\$ 5.00	\$ 1,620.00	\$ 5.00	\$ 1,620.00	\$ 14.40	\$ 4,665.60
4	202	23010	Pavement Removed, Asphalt	396	SY	\$ 5.00	\$ 1,980.00	\$ 3.90	\$ 1,544.40	\$ 5.00	\$ 1,980.00	\$ 15.40	\$ 6,098.40
5	202	32600	Gutter Removed	314	FT	\$ 6.00	\$ 1,884.00	\$ 6.35	\$ 1,993.90	\$ 5.00	\$ 1,570.00	\$ 3.50	\$ 1,099.00
6	202	35100	Pipe Removed, 24" and Under	307	FT	\$ 10.00	\$ 3,070.00	\$ 6.00	\$ 1,842.00	\$ 10.00	\$ 3,070.00	\$ 12.00	\$ 3,684.00
7	202	53100	Mailbox Removed	19	EACH	\$ 20.00	\$ 380.00	\$ 25.00	\$ 475.00	\$ 50.00	\$ 950.00	\$ 40.00	\$ 760.00
8	202	58100	Catch Basin Removed	3	EACH	\$ 500.00	\$ 1,500.00	\$ 100.00	\$ 300.00	\$ 250.00	\$ 750.00	\$ 200.00	\$ 600.00
9	202	98100	Removal Misc.: Drive Trench Drain Removed	2	EACH	\$ 200.00	\$ 400.00	\$ 100.00	\$ 200.00	\$ 150.00	\$ 300.00	\$ 200.00	\$ 400.00
10	203	10000	Excavation	404	CY	\$ 70.00	\$ 28,280.00	\$ 10.00	\$ 4,040.00	\$ 15.00	\$ 6,060.00	\$ 29.00	\$ 11,716.00
11	203	20000	Embankment	468	CY	\$ 30.00	\$ 14,040.00	\$ 15.00	\$ 7,020.00	\$ 20.00	\$ 9,360.00	\$ 26.00	\$ 12,168.00
12	204	10000	Subgrade Compaction	227	SY	\$ 8.00	\$ 1,816.00	\$ 0.25	\$ 56.75	\$ 1.00	\$ 227.00	\$ 0.82	\$ 186.14
13	607	98000	Fence, Misc.: Wood Fence	100	FT	\$ 65.00	\$ 6,500.00	\$ 130.00	\$ 13,000.00	\$ 25.00	\$ 2,500.00	\$ 64.75	\$ 6,475.00
14	608	10001	4" Concrete Walk, as Per Plan	18,166	SF	\$ 4.50	\$ 81,747.00	\$ 6.70	\$ 121,712.20	\$ 4.50	\$ 81,747.00	\$ 4.65	\$ 84,471.90
15	608	52000	Curb Ramp	706	SF	\$ 11.00	\$ 7,766.00	\$ 17.05	\$ 12,037.30	\$ 9.00	\$ 6,354.00	\$ 16.85	\$ 11,896.10
16	690	50100	Special - Mailbox Support System, Single	11	EACH	\$ 200.00	\$ 2,200.00	\$ 200.00	\$ 2,200.00	\$ 100.00	\$ 1,100.00	\$ 295.00	\$ 3,245.00
17	690	50200	Special - Mailbox Support System, Double	1	EACH	\$ 300.00	\$ 300.00	\$ 245.00	\$ 245.00	\$ 200.00	\$ 200.00	\$ 390.00	\$ 390.00
18	690	50300	Special - Mailbox Support System, Multiple	2	EACH	\$ 400.00	\$ 800.00	\$ 300.00	\$ 600.00	\$ 400.00	\$ 800.00	\$ 485.00	\$ 970.00
19	202	32500	Curb and Gutter Removed	35	FT	\$ 12.00	\$ 420.00	\$ 7.00	\$ 245.00	\$ 10.00	\$ 350.00	\$ 6.75	\$ 236.25
SUB-TOTAL							\$ 165,203.00		\$ 173,319.55		\$ 120,038.00		\$ 152,461.39
EROSION CONTROL													
20	601	10000	Riprap	12	SY	\$ 120.00	\$ 1,440.00	\$ 108.00	\$ 1,296.00	\$ 165.00	\$ 1,980.00	\$ 200.00	\$ 2,400.00
21	601	32100	Rock Channel Protection, Type B with Filter	7	CY	\$ 100.00	\$ 700.00	\$ 290.00	\$ 2,030.00	\$ 200.00	\$ 1,400.00	\$ 180.00	\$ 1,260.00
22	659	00100	Soil Analysis Test	2	EACH	\$ 100.00	\$ 200.00	\$ 25.00	\$ 50.00	\$ 260.00	\$ 520.00	\$ 200.00	\$ 400.00
23	659	00300	Topsoil	496	CY	\$ 25.00	\$ 12,400.00	\$ 29.00	\$ 14,384.00	\$ 30.00	\$ 14,880.00	\$ 30.00	\$ 14,880.00
24	659	10000	Seeding and Mulching	4,469	SY	\$ 2.00	\$ 8,938.00	\$ 2.10	\$ 9,384.90	\$ 1.00	\$ 4,469.00	\$ 0.73	\$ 3,262.37
25	659	14000	Repair Seeding and Mulching	223	SY	\$ 3.00	\$ 669.00	\$ 0.25	\$ 55.75	\$ 1.00	\$ 223.00	\$ 1.00	\$ 223.00
26	659	20000	Commercial Fertilizer	0.6	TON	\$ 900.00	\$ 540.00	\$ 750.00	\$ 450.00	\$ 600.00	\$ 360.00	\$ 800.00	\$ 480.00
27	659	31000	Lime	0.92	ACRE	\$ 700.00	\$ 644.00	\$ 400.00	\$ 368.00	\$ 500.00	\$ 460.00	\$ 1.00	\$ 0.92
28	659	35000	Water	24	MGAL	\$ 160.00	\$ 3,840.00	\$ 10.00	\$ 240.00	\$ 50.00	\$ 1,200.00	\$ 0.25	\$ 6.00
29	832	15000	Storm Water Pollution Prevention Plan	1	LS	\$ 1,200.00	\$ 1,200.00	\$ 1,400.00	\$ 1,400.00	\$ 2,000.00	\$ 2,000.00	\$ 10,400.00	\$ 10,400.00
30	832	30000	Erosion Control	25,000	EACH	\$ 0.75	\$ 18,750.00	\$ 0.10	\$ 2,500.00	\$ 1.00	\$ 25,000.00	\$ 1.00	\$ 25,000.00
31	670	00500	Slope Erosion Protection	2,226	SY	\$ 10.00	\$ 22,260.00	\$ 1.80	\$ 4,006.80	\$ 8.00	\$ 17,808.00	\$ 2.50	\$ 5,565.00
SUB-TOTAL							\$ 71,581.00		\$ 36,165.45		\$ 70,300.00		\$ 63,877.29
DRAINAGE													
32	605	06020	4" Base Pipe Underdrains with Geotextile Fabric	395	FT	\$ 8.00	\$ 3,160.00	\$ 14.50	\$ 5,727.50	\$ 12.00	\$ 4,740.00	\$ 13.50	\$ 5,332.50
33	611	00400	4" Conduit, Type E, For Drainage Connection	200	FT	\$ 5.00	\$ 1,000.00	\$ 5.00	\$ 1,000.00	\$ 20.00	\$ 4,000.00	\$ 7.00	\$ 1,400.00
34	611	00406	4" Conduit, Type F, For Drainage Connection	100	FT	\$ 5.00	\$ 500.00	\$ 5.00	\$ 500.00	\$ 20.00	\$ 2,000.00	\$ 7.00	\$ 700.00
35	611	04400	12" Conduit, Type B	5	FT	\$ 225.00	\$ 1,125.00	\$ 100.00	\$ 500.00	\$ 90.00	\$ 450.00	\$ 193.00	\$ 965.00
36	611	10400	24" Conduit, Type B	216	FT	\$ 68.00	\$ 14,688.00	\$ 85.00	\$ 18,360.00	\$ 120.00	\$ 25,920.00	\$ 114.00	\$ 24,624.00
37	611	10600	24" Conduit, Type C	89	FT	\$ 67.00	\$ 5,963.00	\$ 65.00	\$ 5,785.00	\$ 150.00	\$ 13,350.00	\$ 86.00	\$ 7,654.00
38	611	97400	Conduit, Misc.: 12' x 7' Conduit, Type A, 706.05, as Per Plan	16	FT	\$ 1,500.00	\$ 24,000.00	\$ 1,648.00	\$ 26,368.00	\$ 2,000.00	\$ 32,000.00	\$ 1,000.00	\$ 16,000.00
39	611	98150	Catch Basin, No. 3	2	EACH	\$ 1,700.00	\$ 3,400.00	\$ 2,755.00	\$ 5,510.00	\$ 3,000.00	\$ 6,000.00	\$ 4,000.00	\$ 8,000.00
40	611	99574	Manhole, No. 3	1	EACH	\$ 2,000.00	\$ 2,000.00	\$ 2,975.00	\$ 2,975.00	\$ 3,000.00	\$ 3,000.00	\$ 3,200.00	\$ 3,200.00
SUB-TOTAL							\$ 55,836.00		\$ 66,725.50		\$ 91,460.00		\$ 67,875.50
PAVEMENT													

41	252	01500	Full Depth Pavement Sawing	456	FT	\$ 3.00	\$ 1,368.00	\$ 2.00	\$ 912.00	\$ 2.00	\$ 912.00	\$ 2.50	\$ 1,140.00
42	301	46000	Asphalt Concrete Base, PG64-22	8	CY	\$ 325.00	\$ 2,600.00	\$ 430.00	\$ 3,440.00	\$ 300.00	\$ 2,400.00	\$ 405.00	\$ 3,240.00
43	301	48000	Asphalt Concrete Base, PG64-22 (Driveways)	4	CY	\$ 325.00	\$ 1,300.00	\$ 430.00	\$ 1,720.00	\$ 400.00	\$ 1,600.00	\$ 450.00	\$ 1,800.00
44	304	20000	Aggregate Base	210	CY	\$ 58.00	\$ 12,180.00	\$ 96.00	\$ 20,160.00	\$ 50.00	\$ 10,500.00	\$ 80.00	\$ 16,800.00
45	407	10000	Tack Coat	8	GAL	\$ 2.00	\$ 16.00	\$ 3.00	\$ 24.00	\$ 5.00	\$ 40.00	\$ 2.00	\$ 16.00
46	408	10000	Prime Coat	1	GAL	\$ 2.00	\$ 2.00	\$ 3.00	\$ 3.00	\$ 5.00	\$ 5.00	\$ 5.00	\$ 5.00
47	441	50000	Asphalt Concrete Surface Course, Type 1, (448), PG64-22	6	CY	\$ 325.00	\$ 1,950.00	\$ 450.00	\$ 2,700.00	\$ 450.00	\$ 2,700.00	\$ 482.00	\$ 2,892.00
48	441	50300	Asphalt Concrete Intermediate Course, Type 2, (448)	2	CY	\$ 325.00	\$ 650.00	\$ 450.00	\$ 900.00	\$ 425.00	\$ 850.00	\$ 450.00	\$ 900.00
49	452	10010	6" Non-Reinforced Concrete Pavement, Class QC1	518	SY	\$ 60.00	\$ 31,080.00	\$ 71.00	\$ 36,778.00	\$ 55.00	\$ 28,490.00	\$ 54.00	\$ 27,972.00
50	452	12010	8" Non-Reinforced Concrete Pavement, Class QC1	106	SY	\$ 75.00	\$ 7,950.00	\$ 77.50	\$ 8,215.00	\$ 75.00	\$ 7,950.00	\$ 67.00	\$ 7,102.00
51	609	12000	Combination Curb and Gutter, Type 2	489	FT	\$ 24.00	\$ 11,736.00	\$ 32.30	\$ 15,794.70	\$ 20.00	\$ 9,780.00	\$ 27.60	\$ 13,496.40
SUB-TOTAL							\$ 70,832.00		\$ 90,646.70		\$ 65,227.00		\$ 75,363.40
WATER WORK													
52	638	10800	Valve Box Adjusted to Grade	6	EACH	\$ 25.00	\$ 150.00	\$ 25.00	\$ 150.00	\$ 100.00	\$ 600.00	\$ 125.00	\$ 750.00
SUB-TOTAL							\$ 150.00		\$ 150.00		\$ 600.00		\$ 750.00
TRAFFIC CONTROL													
53	630	04101	Ground Mounted Support, No. 4 Post, as Per Plan	68	FT	\$ 8.00	\$ 544.00	\$ 15.00	\$ 1,020.00	\$ 20.00	\$ 1,360.00	\$ 13.15	\$ 894.20
54	630	08600	Sign Post Reflector	7	EACH	\$ 55.00	\$ 385.00	\$ 75.00	\$ 525.00	\$ 200.00	\$ 1,400.00	\$ 65.65	\$ 459.55
55	630	85100	Removal of Ground Mounted Sign and Reerection	6	EACH	\$ 125.00	\$ 750.00	\$ 100.00	\$ 600.00	\$ 100.00	\$ 600.00	\$ 92.50	\$ 555.00
56	630	86002	Removal of Ground Mounted Post Support and Disposal	4	EACH	\$ 20.00	\$ 80.00	\$ 60.00	\$ 240.00	\$ 100.00	\$ 400.00	\$ 55.75	\$ 223.00
57	630	97700	Signing, Misc.: Pedestrian Actuated LED Flashing Sign Assembly	4	EACH	\$ 5,500.00	\$ 22,000.00	\$ 7,500.00	\$ 30,000.00	\$ 5,400.00	\$ 21,600.00	\$ 6,300.00	\$ 25,200.00
58	642	00590	Crosswalk Line	254	FT	\$ 8.00	\$ 2,032.00	\$ 8.00	\$ 2,032.00	\$ 5.00	\$ 1,270.00	\$ 7.65	\$ 1,943.10
SUB-TOTAL							\$ 25,791.00		\$ 34,417.00		\$ 26,630.00		\$ 29,274.85
TRAFFIC SIGNALS													
59	625	25600	Conduit, 4", 725.04	15	FT	\$ 56.00	\$ 840.00	\$ 80.00	\$ 1,200.00	\$ 57.00	\$ 855.00	\$ 50.00	\$ 750.00
60	625	29000	Trench	5	FT	\$ 40.00	\$ 200.00	\$ 75.00	\$ 375.00	\$ 39.00	\$ 195.00	\$ 26.00	\$ 130.00
61	625	29500	Trench in Paved Area, Type A	10	FT	\$ 100.00	\$ 1,000.00	\$ 40.00	\$ 400.00	\$ 92.00	\$ 920.00	\$ 46.00	\$ 460.00
62	625	32001	Ground Rod, as Per Plan	1	EACH	\$ 225.00	\$ 225.00	\$ 250.00	\$ 250.00	\$ 225.00	\$ 225.00	\$ 265.00	\$ 265.00
63	625	36000	Plastic Caution Tape	15	FT	\$ 1.00	\$ 15.00	\$ 1.00	\$ 15.00	\$ 4.00	\$ 60.00	\$ 0.40	\$ 6.00
64	632	90101	Removal of Traffic Signal Installation, as Per Plan	1	EACH	\$ 600.00	\$ 600.00	\$ 3,400.00	\$ 3,400.00	\$ 550.00	\$ 550.00	\$ 889.00	\$ 889.00
65	632	90212	Reuse of Controller	1	EACH	\$ 1,900.00	\$ 1,900.00	\$ 3,080.00	\$ 3,080.00	\$ 1,800.00	\$ 1,800.00	\$ 1,500.00	\$ 1,500.00
66	633	65511	Cabinet, Type TS-2, as Per Plan	1	EACH	\$ 14,600.00	\$ 14,600.00	\$ 19,120.00	\$ 19,120.00	\$ 11,600.00	\$ 11,600.00	\$ 13,350.00	\$ 13,350.00
67	633	67101	Cabinet Foundation, as Per Plan	1	EACH	\$ 1,050.00	\$ 1,050.00	\$ 2,500.00	\$ 2,500.00	\$ 1,050.00	\$ 1,050.00	\$ 2,850.00	\$ 2,850.00
68	632	64021	Pedestal Foundation, as Per Plan	4	EACH	\$ 610.00	\$ 2,440.00	\$ 1,500.00	\$ 6,000.00	\$ 610.00	\$ 2,440.00	\$ 1,350.00	\$ 5,400.00
SUB-TOTAL							\$ 22,870.00		\$ 36,340.00		\$ 19,695.00		\$ 25,600.00
MISC. STRUCTURE													
69	503	11100	Cofferdams and Excavation Bracing	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 22,600.00	\$ 22,600.00
70	503	21301	Unclassified Excavation, as Per Plan	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 15,000.00	\$ 15,000.00
71	509	10000	Epoxy Coated Reinforcing Steel	6,517	LB	\$ 1.00	\$ 6,517.00	\$ 1.60	\$ 10,427.20	\$ 1.00	\$ 6,517.00	\$ 2.00	\$ 13,034.00
72	511	46010	Class QC1 Concrete, Retaining/Wingwall Not Including Footing	10	CY	\$ 700.00	\$ 7,000.00	\$ 1,242.00	\$ 12,420.00	\$ 1,000.00	\$ 10,000.00	\$ 1,200.00	\$ 12,000.00
73	511	46510	Class QC1 Concrete, Footing	36	CY	\$ 350.00	\$ 12,600.00	\$ 380.00	\$ 13,680.00	\$ 400.00	\$ 14,400.00	\$ 425.00	\$ 15,300.00
74	511	46610	Class QC1 Concrete, Headwall	1	CY	\$ 1,300.00	\$ 1,300.00	\$ 1,242.00	\$ 1,242.00	\$ 75,000.00	\$ 75,000.00	\$ 625.00	\$ 625.00
75	512	10100	Sealing of Concrete Surfaces (Epoxy-Urethane)	19	SY	\$ 40.00	\$ 760.00	\$ 20.00	\$ 380.00	\$ 15.00	\$ 285.00	\$ 50.00	\$ 950.00
76	512	33000	Type 2 Waterproofing	30	SY	\$ 27.00	\$ 810.00	\$ 35.00	\$ 1,050.00	\$ 10.00	\$ 300.00	\$ 20.00	\$ 600.00
77	512	33010	Type 3 Waterproofing	27	SY	\$ 23.00	\$ 621.00	\$ 37.00	\$ 999.00	\$ 22.00	\$ 594.00	\$ 120.00	\$ 3,240.00
78	516	13600	1" Preformed Expansion Joint Filler	36	SF	\$ 2.00	\$ 72.00	\$ 13.00	\$ 468.00	\$ 5.00	\$ 180.00	\$ 6.00	\$ 216.00
79	518	21200	Porous Backfill with Geotextile Fabric	9	CY	\$ 50.00	\$ 450.00	\$ 105.00	\$ 945.00	\$ 100.00	\$ 900.00	\$ 185.00	\$ 1,665.00
SUB-TOTAL							\$ 42,630.00		\$ 43,611.20		\$ 109,676.00		\$ 85,230.00
MAINTENANCE OF TRAFFIC													
80	614	11110	Law Enforcement Officer with Patrol Car for Assistance	6	HOUR	\$ 70.00	\$ 420.00	\$ 55.00	\$ 330.00	\$ 50.00	\$ 300.00	\$ 55.00	\$ 330.00
81	616	10000	Water	3	MGAL	\$ 300.00	\$ 900.00	\$ 1.00	\$ 3.00	\$ 50.00	\$ 150.00	\$ 1.00	\$ 3.00

						SUB-TOTAL									
INCIDENTALS							\$ 1,320.00		\$ 333.00		\$ 450.00		\$ 333.00		
82	614	11000	Maintaining Traffic	1	LS	\$ 15,000.00	\$ 15,000.00	\$ 7,500.00	\$ 7,500.00	\$ 1,000.00	\$ 1,000.00	\$ 30,000.00	\$ 30,000.00		
83	619	16010	Field Office, Type B	4	MNTH	\$ 250.00	\$ 1,000.00	\$ 100.00	\$ 400.00	\$ 500.00	\$ 2,000.00	\$ 2,000.00	\$ 8,000.00		
84	623	10000	Constructional Layout Stakes and Surveying	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 6,500.00	\$ 6,500.00	\$ 1,500.00	\$ 1,500.00	\$ 5,920.00	\$ 5,920.00		
85	624	10000	Mobilization	1	LS	\$ 28,681.00	\$ 28,681.00	\$ 15,450.00	\$ 15,450.00	\$ 19,000.00	\$ 19,000.00	\$ 21,800.00	\$ 21,800.00		
SUB-TOTAL							\$ 54,681.00		\$ 29,850.00		\$ 23,500.00		\$ 65,720.00		
GRAND TOTAL							\$ 510,894.00		\$ 511,558.40		\$ 527,576.00		\$ 566,485.43		