BID TABULATION
CLA CR 333 0.00/3.33 DAYTON SPRINGFIELD ROAD

Clark County Engineer's Department
4075 Laybourne Road, Springfield, Ohio 45505
937-521-1800
Bid's Opened: 3-27-2014 at 10:00 AM

Ref. No.	Item No.	Item Ext.	Description	Est. Quantity	Units	ENGINEERS ESTIMATE Bid Unit Price	ENGINEERS ESTIMATE Total Bid Price	R.B. Jergens Bid Unit Price	R.B. Jergens Total Bid Price	A&B Asphalt Bid Unit Price	A&B Asphalt Total Bid Price	Barrett Paving Bid Unit Price	Barrett Paving Total Bid Price
			Roadway										
1	201	201E11000	Clearing and Grubbing	1	Lump	$ 30,000.00	$ 30,000.00	$ 28,713.15	$ 28,713.15	$ 38,785.55	$ 38,785.55	$ 26,500.00	$ 26,500.00
2	202	202E20010	Headwall Removed	2	Each	$ 398.76	$ 797.52	$ 275.75	$ 551.50	$ 787.00	$ 1,574.00	$ 225.00	$ 450.00
3	202	202E23000	Pavement Removed	24,265	Sq Yd	$ 7.50	$ 181,987.50	$ 7.00	$ 169,855.00	$ 9.33	$ 226,392.45	$ 3.25	$ 78,861.25
4	202	202E30000	Walk Removed	56	Sq Ft	$ 1.00	$ 56.00	$ 1.60	$ 89.60	$ 4.99	$ 279.44	$ 4.75	$ 266.00
5	202	202E32000	Curb Removed	1,202	Ft	$ 3.50	$ 4,207.00	$ 2.25	$ 2,704.50	$ 8.00	$ 9,616.00	$ 5.25	$ 6,310.50
6	202	202E32001	Curb Removed, As Per Plan	3,098	Ft	$ 4.11	$ 12,732.78	$ 4.25	$ 13,166.50	$ 9.48	$ 29,369.04	$ 6.00	$ 18,588.00
7	202	202E35100	Pipe Removed, 24" and Under	661	Ft	$ 10.00	$ 6,610.00	$ 12.45	$ 8,229.45	$ 13.00	$ 8,593.00	$ 8.50	$ 5,618.50
8	202	202E38200	Guardrail Removed for Re-use	3,100	Ft	$ 1.85	$ 5,735.00	$ 3.10	$ 9,610.00	$ 3.00	$ 9,300.00	$ 3.00	$ 9,300.00
9	202	202E53100	Mailbox Removed	29	Each	$ 15.00	$ 435.00	$ 48.40	$ 1,403.60	$ 54.00	$ 1,566.00	$ 60.00	$ 1,740.00
10	202	202E58100	Catch Basin Removed	5	Each	$ 300.00	$ 1,500.00	$ 499.35	$ 2,496.75	$ 292.00	$ 1,460.00	$ 260.00	$ 1,300.00
11	202	202E70000	Special - Fill and Plug Existing Conduit	3,988	Ft	$ 20.00	$ 79,760.00	$ 6.60	$ 26,320.80	$ 5.75	$ 22,931.00	$ 4.75	$ 18,943.00
12	202	202E75610	Valve Box Removed	8	Each	$ 150.00	$ 1,200.00	$ 490.50	$ 3,924.00	$ 118.00	$ 944.00	$ 60.00	$ 480.00
13	203	203E10000	Excavation	12,627	Cu Yd	$ 7.00	$ 88,389.00	$ 11.25	$ 142,053.75	$ 14.00	$ 176,778.00	$ 14.25	$ 179,934.75
14	203	203E20000	Embankment	8,568	Cu Yd	$ 10.00	$ 85,680.00	$ 5.15	$ 44,125.20	$ 9.00	$ 77,112.00	$ 10.00	$ 85,680.00
15	204	204E10000	Subgrade Compaction	33,379	Sq Yd	$ 1.00	$ 33,379.00	$ 1.10	$ 36,716.90	$ 1.13	$ 37,718.27	$ 1.35	$ 45,061.65
16	204	204E13000	Excavation of Subgrade	8,324	Cu Yd	$ 10.00	$ 83,240.00	$ 12.85	$ 106,963.40	$ 15.57	$ 129,604.68	$ 22.00	$ 183,128.00
17	204	204E30011	Granular Material, Type B, As Per Plan	8,324	Cu Yd	$ 35.00	$ 291,340.00	$ 31.05	$ 258,460.20	$ 34.42	$ 286,512.08	$ 34.00	$ 283,016.00
18	204	204E45000	Proof Rolling	5	Hour	$ 200.00	$ 1,000.00	$ 255.30	$ 1,276.50	$ 175.85	$ 879.25	$ 75.00	$ 375.00
19	606	606E16501	Guardrail Rebuilt, As Per Plan	3,100	Ft	$ 8.00	$ 24,800.00	$ 7.75	$ 24,025.00	$ 7.50	$ 23,250.00	$ 7.50	$ 23,250.00
20	608	608E10000	4" Concrete Walk	461	Sq Ft	$ 5.00	$ 2,305.00	$ 5.35	$ 2,466.35	$ 9.41	$ 4,338.01	$ 6.00	$ 2,766.00
21	608	608E52000	Curb Ramp	1,690	Sq Ft	$ 10.00	$ 16,900.00	$ 11.25	$ 19,012.50	$ 13.12	$ 22,172.80	$ 9.40	$ 15,886.00
22	623	623E38500	Monument Assembly	14	Each	$ 800.00	$ 11,200.00	$ 1,111.60	$ 15,562.40	$ 744.89	$ 10,428.46	$ 725.00	$ 10,150.00
23	690	690E50000	Special - Mailbox Support	28	Each	$ 100.00	$ 2,800.00	$ 145.10	$ 4,062.80	$ 140.00	$ 3,920.00	$ 175.00	$ 4,900.00
24	690	690E65010	Special - Work Involving Solid Waste	10	Ton	$ 162.07	$ 1,620.70	$ 183.00	$ 1,830.00	$ 104.77	$ 1,047.70	$ 145.00	$ 1,450.00
25	861	861E10000	Geogrid for Subgrade Stabilization	25,002	Sq Yd	$ 4.00	$ 100,008.00	$ 1.60	$ 40,003.20	$ 2.02	$ 50,504.04	$ 1.15	$ 28,752.30
						Sub-total	**$ 1,067,682.50**	**Sub-total**	**$ 963,623.05**	**Sub-total**	**$ 1,175,075.77**	**Sub-total**	**$ 1,032,706.95**
			Erosion Control										
26	659	659E00100	Soil Analysis Test	2	Each	$ 100.00	$ 200.00	$ 51.80	$ 103.60	$ 150.00	$ 300.00	$ 60.00	$ 120.00
27	659	659E00300	Topsoil	3,175	Cu Yd	$ 35.00	$ 111,125.00	$ 21.10	$ 66,992.50	$ 52.83	$ 167,735.25	$ 38.00	$ 120,650.00
28	659	659E10000	Seeding and Mulching	28,586	Sq Yd	$ 1.50	$ 42,879.00	$ 0.50	$ 14,293.00	$ 0.48	$ 13,721.28	$ 0.48	$ 13,721.28
29	659	659E14000	Repair Seeding and Mulching	1,430	Sq Yd	$ 2.50	$ 3,575.00	$ 0.45	$ 643.50	$ 0.40	$ 572.00	$ 0.40	$ 572.00
30	659	659E15000	Inter-Seeding	1,430	Sq Yd	$ 3.50	$ 5,005.00	$ 0.05	$ 71.50	$ 1.00	$ 1,430.00	$ 0.01	$ 14.30
31	659	659E20000	Commercial Fertilizer	4.15	Ton	$ 4.50	$ 18.68	$ 518.15	$ 2,150.32	$ 500.00	$ 2,075.00	$ 500.00	$ 2,075.00
32	659	659E31000	Lime	5.91	Acre	$ 5.50	$ 32.51	$ 207.25	$ 1,224.85	$ 200.00	$ 1,182.00	$ 200.00	$ 1,182.00
33	659	659E35000	Water	158	M Gal	$ 6.50	$ 1,027.00	$ 1.05	$ 165.90	$ 1.22	$ 192.76	$ 1.00	$ 158.00
34	659	659E40000	Mowing	64	M Sq Ft	$ 7.50	$ 480.00	$ 1.05	$ 67.20	$ 1.00	$ 64.00	$ 1.00	$ 64.00
35	832	832E15000	Storm Water Pollution Prevention Plan	1	Lump	$ 10,000.00	$ 10,000.00	$ 12,803.85	$ 12,803.85	$ 10,000.00	$ 10,000.00	$ 9,500.00	$ 9,500.00
36	832	832E30000	Erosion Control	1	Each	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00	$ 50,000.00
						Sub-total	**$ 224,342.18**	**Sub-total**	**$ 148,516.22**	**Sub-total**	**$ 247,272.29**	**Sub-total**	**$ 198,056.58**
			Drainage										
37	511	511E46610	Class QC1 Concrete, Headwall	0.2	Cu Yd	$ 750.00	$ 150.00	$ 10,114.35	$ 2,022.87	$ 1,500.00	$ 300.00	$ 3,750.00	$ 750.00
38	601	601E21050	Tied Concrete Block Mat, Type 1	4	Sq Yd	$ 167.49	$ 669.96	$ 123.10	$ 492.40	$ 61.14	$ 244.56	$ 325.00	$ 1,300.00
39	605	605E11110	6" Shallow Pipe Underdrains with Fabric Wrap	9,715	Ft	$ 9.00	$ 87,435.00	$ 6.55	$ 63,633.25	$ 6.69	$ 64,993.35	$ 9.50	$ 92,292.50
40	605	605E13410	6" Unclassified Pipe Underdrains with Fabric Wrap	1,601	Ft	$ 10.00	$ 16,010.00	$ 13.25	$ 21,213.25	$ 6.17	$ 9,878.17	$ 12.75	$ 20,412.75
41	605	605E31101	Aggregate Drains, As Per Plan	1,626	Ft	$ 11.00	$ 17,886.00	$ 7.85	$ 12,764.10	$ 8.55	$ 13,902.30	$ 10.50	$ 17,073.00
42	811	811E00510	6" Conduit, Type F for Underdrain Outlets	290	Ft	$ 20.00	$ 5,800.00	$ 14.25	$ 4,132.50	$ 31.06	$ 9,007.40	$ 12.00	$ 3,480.00
43	811	811E01500	6" Conduit, Type F For Sanitary Connection	40	Ft	$ 7.44	$ 297.60	$ 27.00	$ 1,080.00	$ 69.68	$ 2,787.20	$ 15.00	$ 600.00
44	811	811E01800	8" Conduit, Type B For Drainage Connection	50	Ft	$ 35.00	$ 1,750.00	$ 23.90	$ 1,195.00	$ 32.69	$ 1,634.50	$ 15.00	$ 750.00
45	811	811E01800	8" Conduit, Type B	50	Ft	$ 35.00	$ 1,750.00	$ 23.90	$ 1,195.00	$ 32.69	$ 1,634.50	$ 15.00	$ 750.00
46	811	811E02000	8" Conduit, Type C For Drainage Connection	50	Ft	$ 35.00	$ 1,750.00	$ 19.40	$ 970.00	$ 32.69	$ 1,634.50	$ 13.00	$ 650.00
47	811	811E02000	8" Conduit, Type C For Sanitary Connection	50	Ft	$ 37.00	$ 1,850.00	$ 34.80	$ 1,740.00	$ 32.69	$ 1,634.50	$ 20.00	$ 1,000.00
48	811	811E02500	8" Conduit, Type E For Drainage Connection	50	Ft	$ 35.00	$ 1,750.00	$ 19.40	$ 970.00	$ 32.29	$ 1,614.50	$ 13.00	$ 650.00
49	811	811E02600	8" Conduit, Type F For Drainage Connection	50	Ft	$ 20.00	$ 1,000.00	$ 19.40	$ 970.00	$ 32.29	$ 1,614.50	$ 18.00	$ 900.00
50	811	811E04400	12" Conduit, Type B 706.02	382	Ft	$ 45.00	$ 17,190.00	$ 44.85	$ 17,132.70	$ 75.42	$ 28,810.44	$ 62.00	$ 23,684.00
51	811	811E04600	12" Conduit, Type C 707.33	62	Ft	$ 40.00	$ 2,480.00	$ 37.80	$ 2,343.60	$ 54.90	$ 3,403.80	$ 85.00	$ 5,270.00
52	811	811E04900	12" Conduit, Type D 707.33	613	Ft	$ 37.50	$ 22,987.50	$ 37.80	$ 23,171.40	$ 45.27	$ 27,750.51	$ 44.00	$ 26,972.00
53	811	811E07600	18" Conduit, Type C 707.33	10	Ft	$ 58.14	$ 581.40	$ 68.05	$ 680.50	$ 162.38	$ 1,623.80	$ 145.00	$ 1,450.00
54	811	811E98180	Catch Basin, No. 3A	2	Each	$ 2,000.00	$ 4,000.00	$ 1,828.90	$ 3,657.80	$ 2,307.89	$ 4,615.78	$ 1,950.00	$ 3,900.00
55	811	811E98470	Catch Basin, No. 2-2B	6	Each	$ 1,500.00	$ 9,000.00	$ 1,100.10	$ 6,600.60	$ 1,413.17	$ 8,479.02	$ 1,500.00	$ 9,000.00
56	811	811E98630	Catch Basin Adjusted to Grade	5	Each	$ 500.00	$ 2,500.00	$ 560.30	$ 2,801.50	$ 628.75	$ 3,143.75	$ 450.00	$ 2,250.00
57	811	811E99590	Manhole, No. 3	9	Each	$ 2,500.00	$ 22,500.00	$ 2,075.75	$ 18,681.75	$ 2,325.72	$ 20,931.48	$ 1,750.00	$ 15,750.00
58	811	811E99654	Manhole Adjusted to Grade	9	Each	$ 500.00	$ 4,500.00	$ 664.95	$ 5,984.55	$ 548.07	$ 4,932.63	$ 325.00	$ 2,925.00
59	811	811E99710	Precast Reinfoced Concrete Outlet	7	Each	$ 210.36	$ 1,472.52	$ 349.00	$ 2,443.00	$ 754.81	$ 5,283.67	$ 250.00	$ 1,750.00
						Sub-total	**$ 225,309.98**	**Sub-total**	**$ 195,875.77**	**Sub-total**	**$ 219,854.86**	**Sub-total**	**$ 233,559.25**
			Pavement										
60	251	251E01001	Partial Depth Pavement Repair, As Per Plan	2,150	Sq Yd	$ 50.00	$ 107,500.00	$ 80.30	$ 172,645.00	$ 65.16	$ 140,094.00	$ 108.00	$ 232,200.00
61	253	253E01000	Pavement Repair	200	Sq Yd	$ 50.00	$ 10,000.00	$ 57.00	$ 11,400.00	$ 50.50	$ 10,100.00	$ 40.00	$ 8,000.00
62	254	254E01000	Pavement Planing, Asphalt Concrete	50,377	Sq Yd	$ 1.25	$ 62,971.25	$ 1.50	$ 75,565.50	$ 1.45	$ 73,046.65	$ 1.60	$ 80,603.20
63	301	301E46000	Asphalt Concrete Base, PG64-22	3,183	Cu Yd	$ 100.00	$ 318,300.00	$ 110.90	$ 352,994.70	$ 107.84	$ 343,254.72	$ 120.00	$ 381,960.00
64	304	304E20000	Aggregate Base	9,017	Cu Yd	$ 35.00	$ 315,595.00	$ 33.30	$ 300,266.10	$ 36.40	$ 328,218.80	$ 45.00	$ 405,765.00
65	407	407E10000	Tack Coat	15,943	Gallon	$ 2.00	$ 31,886.00	$ 3.10	$ 49,423.30	$ 2.00	$ 31,886.00	$ 2.35	$ 37,466.05
66	407	407E14000	Tack Coat for Intermediate Course	4914	Gallon	$ 2.00	$ 9,828.00	$ 3.10	$ 15,233.40	$ 2.00	$ 9,828.00	$ 2.35	$ 11,547.90
67	422	422E10000	Single Chip Seal	7,700	Sq Yd	$ 2.00	$ 15,400.00	$ 2.40	$ 18,480.00	$ 3.00	$ 23,100.00	$ 2.60	$ 20,020.00
68	448	448E46050	Asphalt Concrete Intermediate Course, Type 2, PG64-22	3,811	Cu Yd	$ 120.00	$ 457,320.00	$ 110.90	$ 422,639.90	$ 110.46	$ 420,963.06	$ 128.00	$ 487,808.00
69	448	448E46904	Asphalt Concrete Surface Course, Type 1, PG70-22M	3,116	Cu Yd	$ 140.00	$ 436,240.00	$ 176.30	$ 549,350.80	$ 174.60	$ 544,053.60	$ 160.00	$ 498,560.00
70	448	448E47020	Asphalt Concrete Surface Course, Type 1, PG64-22	824	Cu Yd	$ 130.00	$ 107,120.00	$ 138.85	$ 114,412.40	$ 138.61	$ 114,214.64	$ 190.00	$ 156,560.00
71	452	452E10010	6" Non-Reinforced Concrete Pavement, Class QC1	463	Sq Yd	$ 50.00	$ 23,150.00	$ 58.55	$ 27,108.65	$ 49.51	$ 22,923.13	$ 37.50	$ 17,362.50
72	452	452E12010	8" Non-Reinforced Concrete Pavement, Class QC1	82	Sq Yd	$ 55.00	$ 4,510.00	$ 64.10	$ 5,256.20	$ 55.00	$ 4,510.00	$ 43.00	$ 3,526.00
73	452	452E14011	10" Non-Reinforced Concrete Pavement, Class QC1, As Per Plan	100	Sq Yd	$ 60.00	$ 6,000.00	$ 179.55	$ 17,955.00	$ 166.09	$ 16,609.00	$ 68.00	$ 6,800.00
74	609	609E12000	Combination Curb and Gutter, Type 2	648	Ft	$ 18.00	$ 11,664.00	$ 17.35	$ 11,242.80	$ 31.78	$ 20,593.44	$ 24.50	$ 15,876.00
75	609	609E18000	Combination Curb and Gutter, Type 3	257	Ft	$ 20.00	$ 5,140.00	$ 17.35	$ 4,458.95	$ 30.62	$ 7,869.34	$ 24.50	$ 6,296.50
76	609	609E26001	Curb, Type 6, As Per Plan	3,098	Ft	$ 15.00	$ 46,470.00	$ 19.10	$ 59,171.80	$ 15.04	$ 46,593.92	$ 12.00	$ 37,176.00
77	617	617E98000	Shoulder Reconditioning, Misc.:	7,700	Sq Yd	$ 2.00	$ 15,400.00	$ 3.50	$ 26,950.00	$ 3.68	$ 28,336.00	$ 3.50	$ 26,950.00

78	Special	690E12060	Special - Pavement Overlay Fabric Composite	51,644	Sq Yd	$ 5.00	$ 258,220.00	$ 5.95	$ 307,281.80	$ 5.75	$ 296,953.00	$ 4.25	$ 219,487.00
						Sub-total	**$ 2,242,714.25**	**Sub-total**	**$ 2,541,836.30**	**Sub-total**	**$ 2,483,147.30**	**Sub-total**	**$ 2,653,964.15**
			Water Main Work										
79	638	638E00800	6" Water Main Ductile Iron Pipe Ansi Class 52, Boltless-Restrained Joints and Fittings, As Per Plan	10	Ft	$ 125.00	$ 1,250.00	$ 85.45	$ 854.50	$ 82.00	$ 820.00	$ 680.00	$ 6,800.00
80	638	638E01400	8" Water Main Ductile Iron Pipe Ansi Class 52, Boltless-Restrained Joints and Fittings, As Per Plan	344	Ft	$ 150.00	$ 51,600.00	$ 80.25	$ 27,606.00	$ 77.00	$ 26,488.00	$ 133.60	$ 45,958.40
81	638	638E02000	10" Water Main Ductile Iron Pipe Ansi Class 52, Boltless-Restrained Joints and Fittings, As Per Plan	25	Ft	$ 165.00	$ 4,125.00	$ 106.30	$ 2,657.50	$ 102.00	$ 2,550.00	$ 179.10	$ 4,477.50
82	638	638E02600	12" Watermain Ductile Iron Pipe Ansi Class 52, Boltless-Restrained Joints and Fittings, As Per Plan	3,647	Ft	$ 174.00	$ 634,578.00	$ 90.65	$ 330,600.55	$ 87.00	$ 317,289.00	$ 128.60	$ 469,004.20
83	638	638E07900	8" Gate Valve and Valve Box	5	Each	$ 1,250.00	$ 6,250.00	$ 1,458.90	$ 7,294.50	$ 1,400.00	$ 7,000.00	$ 1,028.50	$ 5,142.50
84	638	638E08000	10" Gate Valve and Valve Box	1	Each	$ 1,750.00	$ 1,750.00	$ 2,084.15	$ 2,084.15	$ 2,000.00	$ 2,000.00	$ 1,511.00	$ 1,511.00
85	638	638E08100	12" Gate Valve and Valve Box	8	Each	$ 2,500.00	$ 20,000.00	$ 2,396.75	$ 19,174.00	$ 2,300.00	$ 18,400.00	$ 1,845.00	$ 14,760.00
86	638	638E08500	8" Inserting Valve and Vale Box	4	Each	$ 3,000.00	$ 12,000.00	$ 7,294.45	$ 29,177.80	$ 7,000.00	$ 28,000.00	$ 5,853.00	$ 23,412.00
87	638	638E08600	10" Inserting Valve and Vale Box	1	Each	$ 5,000.00	$ 5,000.00	$ 9,378.60	$ 9,378.60	$ 9,000.00	$ 9,000.00	$ 11,753.00	$ 11,753.00
88	638	638E08620	12" Inserting Valve and Vale Box	2	Each	$ 6,000.00	$ 12,000.00	$ 11,462.75	$ 22,925.50	$ 11,000.00	$ 22,000.00	$ 12,753.00	$ 25,506.00
89	638	638E10201	6" Fire Hydrant, As Per Plan	6	Each	$ 5,000.00	$ 30,000.00	$ 5,210.35	$ 31,262.10	$ 5,000.00	$ 30,000.00	$ 3,554.00	$ 21,324.00
90	638	638E10300	Fire Hydrant Extended and Adjusted to Grade	6	Each	$ 1,500.00	$ 9,000.00	$ 2,344.65	$ 14,067.90	$ 2,250.00	$ 13,500.00	$ 1,653.00	$ 9,918.00
91	638	638E10601	Fire Hydrant and Gate Valve Removed and Reset, As Per Plan	3	Each	$ 2,000.00	$ 6,000.00	$ 2,605.15	$ 7,815.45	$ 2,500.00	$ 7,500.00	$ 1,328.00	$ 3,984.00
92	638	638E10700	Fire Hydrant Removed and Disposed Of	1	Each	$ 500.00	$ 500.00	$ 521.05	$ 521.05	$ 500.00	$ 500.00	$ 75.00	$ 75.00
93	638	638E10800	Valve Box Adjusted to Grade	17	Each	$ 250.00	$ 4,250.00	$ 182.35	$ 3,099.95	$ 175.00	$ 2,975.00	$ 50.00	$ 850.00
94	638	638E98000	Water Work, Misc.: Connect to Existing Main	12	Each	$ 1,000.00	$ 12,000.00	$ 2,605.15	$ 31,261.80	$ 2,500.00	$ 30,000.00	$ 1,964.00	$ 23,568.00
95	638	638E98000	Water Work, Misc.: Remove Existing Pipe and Connect to Existing Tee	1	Each	$ 750.00	$ 750.00	$ 2,605.15	$ 2,605.15	$ 2,500.00	$ 2,500.00	$ 2,258.00	$ 2,258.00
96	638	638E98000	Water Work, Misc.: 3/4" Corporation Stop	15	Each	$ 350.00	$ 5,250.00	$ 104.20	$ 1,563.00	$ 100.00	$ 1,500.00	$ 703.00	$ 10,545.00
97	638	638E98000	Water Work, Misc.: 1" Corporation Stop	2	Each	$ 425.00	$ 850.00	$ 156.30	$ 312.60	$ 150.00	$ 300.00	$ 714.00	$ 1,428.00
98	638	638E98000	Water Work, Misc.: 2" Corporation Stop	2	Each	$ 800.00	$ 1,600.00	$ 312.60	$ 625.20	$ 300.00	$ 600.00	$ 875.00	$ 1,750.00
99	638	638E98000	Water Work, Misc.: 3/4" Type K Water Service	679	Ft	$ 35.00	$ 23,765.00	$ 41.70	$ 28,314.30	$ 40.00	$ 27,160.00	$ 84.35	$ 57,273.65
100	638	638E98000	Water Work, Misc.: 1" Type K Water Service	80	Ft	$ 40.00	$ 3,200.00	$ 46.90	$ 3,752.00	$ 45.00	$ 3,600.00	$ 87.60	$ 7,008.00
101	638	638E98000	Water Work, Misc.: 2" Type K Water Service	28	Ft	$ 55.00	$ 1,540.00	$ 104.20	$ 2,917.60	$ 100.00	$ 2,800.00	$ 164.00	$ 4,592.00
102	638	638E98000	Water Work, Misc.: 3/4" Curb Stop and Box	15	Each	$ 425.00	$ 6,375.00	$ 364.70	$ 5,470.50	$ 350.00	$ 5,250.00	$ 107.00	$ 1,605.00
103	638	638E98000	Water Work, Misc.: 1" Curb Stop and Box	2	Each	$ 500.00	$ 1,000.00	$ 390.75	$ 781.50	$ 375.00	$ 750.00	$ 129.00	$ 258.00
104	638	638E98000	Water Work, Misc.: 2" Curb Stop and Box	2	Each	$ 650.00	$ 1,300.00	$ 677.35	$ 1,354.70	$ 650.00	$ 1,300.00	$ 414.00	$ 828.00
						Sub-total	**$ 855,933.00**	**Sub-total**	**$ 587,477.90**	**Sub-total**	**$ 563,782.00**	**Sub-total**	**$ 755,589.25**
			Traffic Control										
105	630	630E02100	Ground Mounted Support, No. 2 Post	175	Ft	$ 8.50	$ 1,487.50	$ 6.55	$ 1,146.25	$ 8.00	$ 1,400.00	$ 6.30	$ 1,102.50
106	630	630E03100	Ground Mounted Support, No. 3 Post	620	Ft	$ 9.50	$ 5,890.00	$ 7.15	$ 4,433.00	$ 9.00	$ 5,580.00	$ 6.90	$ 4,278.00
107	630	630E08520	Street Name Sign Support, No. 3 Post	16	Ft	$ 11.70	$ 187.20	$ 7.15	$ 114.40	$ 10.00	$ 160.00	$ 6.90	$ 110.40
108	630	630E08600	Sign Post Reflector	3	Each	$ 38.31	$ 114.93	$ 72.55	$ 217.65	$ 35.00	$ 105.00	$ 70.00	$ 210.00
109	630	630E79000	Sign Hanger Assembly, Span Wire	6	Each	$ 173.83	$ 1,042.98	$ 308.70	$ 1,852.20	$ 152.13	$ 912.78	$ 290.00	$ 1,740.00
110	630	630E79500	Sign Support Assembly, Pole Mounted	16	Each	$ 66.81	$ 1,068.96	$ 85.15	$ 1,362.40	$ 67.77	$ 1,084.32	$ 80.00	$ 1,280.00
111	630	630E80100	Sign, Flat Sheet	542	Sq Ft	$ 15.00	$ 8,130.00	$ 17.50	$ 9,485.00	$ 23.41	$ 12,688.22	$ 14.90	$ 8,075.80
112	630	630E84900	Removal of Ground Mounted Sign and Disposal	27	Each	$ 15.26	$ 412.02	$ 36.25	$ 978.75	$ 15.00	$ 405.00	$ 35.00	$ 945.00
113	630	630E85100	Removal of Ground Mounted Sign and Reerection	4	Each	$ 63.07	$ 252.28	$ 196.90	$ 787.60	$ 40.00	$ 160.00	$ 190.00	$ 760.00
114	630	630E86002	Removal of Ground Mounted Post Support and Disposal	24	Each	$ 15.69	$ 376.56	$ 36.25	$ 870.00	$ 20.00	$ 480.00	$ 35.00	$ 840.00
115	630	630E87400	Removal of Overhead Mounted Sign and Disposal	15	Each	$ 106.69	$ 1,600.35	$ 93.25	$ 1,398.75	$ 20.00	$ 300.00	$ 90.00	$ 1,350.00
116	630	630E87500	Removal of Pole Mounted Sign and Disposal	2	Each	$ 18.30	$ 36.60	$ 51.80	$ 103.60	$ 50.00	$ 100.00	$ 50.00	$ 100.00
117	630	630E97700	Signing, Misc.: Speed Feedback Station	2	Each	$ 2,000.00	$ 4,000.00	$ 10,363.30	$ 20,726.60	$ 10,941.23	$ 21,882.46	$ 18,500.00	$ 37,000.00
118	644	644E00100	Edge Line, 4"	5.97	Mile	$ 3,000.00	$ 17,910.00	$ 1,873.70	$ 11,185.99	$ 1,808.00	$ 10,793.76	$ 1,808.00	$ 10,793.76
119	644	644E00300	Center Line	4.45	Mile	$ 3,000.00	$ 13,350.00	$ 2,866.50	$ 12,755.93	$ 2,766.00	$ 12,308.70	$ 2,766.00	$ 12,308.70
120	644	644E00400	Channelizing Line, 8"	3,540	Ft	$ 1.50	$ 5,310.00	$ 1.05	$ 3,717.00	$ 1.00	$ 3,540.00	$ 1.00	$ 3,540.00
121	644	644E00500	Stop Line	519	Ft	$ 6.00	$ 3,114.00	$ 4.40	$ 2,283.60	$ 4.25	$ 2,205.75	$ 4.25	$ 2,205.75
122	644	644E00600	Crosswalk Line	1199	Ft	$ 2.00	$ 2,398.00	$ 2.35	$ 2,817.65	$ 2.25	$ 2,697.75	$ 2.25	$ 2,697.75
123	644	644E00700	Transverse/Diagonal Line	680	Ft	$ 2.00	$ 1,360.00	$ 4.15	$ 2,822.00	$ 4.00	$ 2,720.00	$ 4.00	$ 2,720.00
124	644	644E01000	Railroad Symbol Marking	1	Each	$ 491.92	$ 491.92	$ 362.70	$ 362.70	$ 350.00	$ 350.00	$ 350.00	$ 350.00
125	644	644E01300	Lane Arrow	81	Each	$ 100.00	$ 8,100.00	$ 62.20	$ 5,038.20	$ 60.00	$ 4,860.00	$ 60.00	$ 4,860.00
						Sub-total	**$ 76,633.30**	**Sub-total**	**$ 84,459.26**	**Sub-total**	**$ 84,733.74**		**$ 97,267.66**
			Traffic Signal Work & Intersection Lighting										
126	614	614E11111	Law Enforcement Officer With Patrol Car for Assistance, As Per Plan	178	Hour	$ 75.00	$ 13,350.00	$ 69.00	$ 12,282.00	$ 70.00	$ 12,460.00	$ 75.00	$ 13,350.00
127	625	625E25400	Conduit, 2", 725.04	259	Ft	$ 9.00	$ 2,331.00	$ 6.90	$ 1,787.10	$ 6.16	$ 1,595.44	$ 6.50	$ 1,683.50
128	625	625E25600	Conduit, 4", 725.04	47	Ft	$ 13.00	$ 611.00	$ 15.85	$ 744.95	$ 15.83	$ 744.01	$ 14.90	$ 700.30
129	625	625E27600	Luminaire, Miscellaneous LED	12	Each	$ 800.00	$ 9,600.00	$ 1,059.20	$ 12,710.40	$ 721.09	$ 8,653.08	$ 995.00	$ 11,940.00
130	625	625E29010	Trench, 30" Deep	251	Ft	$ 10.00	$ 2,510.00	$ 7.35	$ 1,844.85	$ 11.33	$ 2,843.83	$ 6.90	$ 1,731.90
131	625	625E29500	Trench in Paved Area, Type A	35	Ft	$ 30.00	$ 1,050.00	$ 21.10	$ 738.50	$ 25.59	$ 895.65	$ 19.80	$ 693.00
132	625	625E29600	Trench in Paved Area, Type B	20	Ft	$ 35.00	$ 700.00	$ 79.85	$ 1,597.00	$ 43.12	$ 862.40	$ 75.00	$ 1,500.00
133	625	625E30707	Pull Box, 725.08, 24", As Per Plan	4	Each	$ 800.00	$ 3,200.00	$ 772.85	$ 3,091.40	$ 695.23	$ 2,780.92	$ 726.00	$ 2,904.00
134	625	625E32000	Ground Rod	21	Each	$ 150.00	$ 3,150.00	$ 185.25	$ 3,890.25	$ 117.72	$ 2,472.12	$ 174.00	$ 3,654.00
135	625	625E98000	Lighting Miscellaneous: Light Pole, Luminaire and Foundation, As Per Plan	1	Each	$ 10,000.00	$ 10,000.00	$ 3,173.35	$ 3,173.35	$ 5,069.10	$ 5,069.10	$ 2,981.00	$ 2,981.00
136	632	632E04911	Vehicular Signal Head, (Led) Black, 3-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	20	Each	$ 750.00	$ 15,000.00	$ 734.55	$ 14,691.00	$ 727.46	$ 14,549.20	$ 690.00	$ 13,800.00
137	632	632E04921	Vehicular Signal Head, (Led) Black, 5-Section, 12" Lens, 1-Way, with Backplate, As Per Plan	4	Each	$ 1,200.00	$ 4,800.00	$ 1,091.15	$ 4,364.60	$ 1,190.50	$ 4,762.00	$ 1,025.00	$ 4,100.00
138	632	632E20731	Pedestrian Signal Head (Led) , (Countdown), Type D2, As Per Plan	22	Each	$ 600.00	$ 13,200.00	$ 505.65	$ 11,124.30	$ 550.58	$ 12,112.76	$ 475.00	$ 10,450.00
139	632	632E25000	Covering of Vehicular Signal Head	24	Each	$ 30.00	$ 720.00	$ 29.80	$ 715.20	$ 5.11	$ 122.64	$ 28.00	$ 672.00
140	632	632E26000	Pedestrian Pushbutton	12	Each	$ 200.00	$ 2,400.00	$ 137.30	$ 1,647.60	$ 147.57	$ 1,770.84	$ 129.00	$ 1,548.00
141	632	632E30200	Messenger Wire, 7 Strand, 3/8" Diameter with Accessories	1,055	Ft	$ 8.00	$ 8,440.00	$ 7.35	$ 7,754.25	$ 6.32	$ 6,667.60	$ 6.90	$ 7,279.50
142	632	632E30600	Tether Wire, with Accessories	1,055	Ft	$ 10.62	$ 11,201.41	$ 12.15	$ 12,818.25	$ 15.86	$ 16,732.30	$ 11.40	$ 12,027.00
143	632	632E40300	Signal Cable, 3 Conductor, No. 14 AWG	2,705	Ft	$ 1.50	$ 4,057.50	$ 1.35	$ 3,651.75	$ 1.92	$ 5,193.60	$ 1.25	$ 3,381.25
144	632	632E40500	Signal Cable, 5 Conductor, No. 14 AWG	5,690	Ft	$ 2.50	$ 14,225.00	$ 1.55	$ 8,819.50	$ 2.07	$ 11,778.30	$ 1.45	$ 8,250.50
145	632	632E40700	Signal Cable, 7 Conductor, No. 14 AWG	805	Ft	$ 3.00	$ 2,415.00	$ 1.85	$ 1,489.25	$ 2.51	$ 2,020.55	$ 1.75	$ 1,408.75
146	632	632E64000	Strain Pole Foundation	12	Each	$ 3,000.00	$ 36,000.00	$ 3,772.70	$ 45,272.40	$ 2,506.36	$ 30,076.32	$ 3,544.00	$ 42,528.00
147	632	632E64020	Pedestal Foundation	5	Each	$ 800.00	$ 4,000.00	$ 745.15	$ 3,725.75	$ 890.95	$ 4,454.75	$ 700.00	$ 3,500.00
148	632	632E66104	Power Cable, 3 Conductor, No. 10 AWG	2,985	Ft	$ 2.45	$ 7,313.25	$ 2.95	$ 8,805.75	$ 2.77	$ 8,268.45	$ 2.75	$ 8,208.75

149	632	632E68300	Power Cable, 3 Conductor, No. 6 AWG	150	Ft	$ 3.50	$ 525.00	$ 4.80	$ 720.00	$ 4.00	$ 600.00	$ 4.50	$ 675.00
150	632	632E70001	Power Service, As Per Plan	3	Each	$ 1,400.00	$ 4,200.00	$ 2,336.65	$ 7,009.95	$ 1,705.94	$ 5,117.82	$ 2,195.00	$ 6,585.00
151	632	632E84801	Combination Strain Pole, Type TC-81.10, Design 8, As Per Plan	4	Each	$ 5,000.00	$ 20,000.00	$ 4,236.85	$ 16,947.40	$ 4,640.41	$ 18,561.64	$ 3,980.00	$ 15,920.00
152	632	632E84901	Combination Strain Pole, Type TC-81.10, Design 9, As Per Plan	4	Each	$ 6,000.00	$ 24,000.00	$ 4,886.20	$ 19,544.80	$ 4,895.71	$ 19,582.84	$ 4,590.00	$ 18,360.00
153	632	632E85101	Combination Strain Pole, Type TC-81.10, Design 11, As Per Plan	4	Each	$ 7,000.00	$ 28,000.00	$ 5,615.40	$ 22,461.60	$ 5,728.21	$ 22,912.84	$ 5,275.00	$ 21,100.00
154	632	632E89904	Pedestal, 10', Transformer Base	5	Each	$ 800.00	$ 4,000.00	$ 811.15	$ 4,055.75	$ 474.96	$ 2,374.80	$ 762.00	$ 3,810.00
155	632	632E90101	Removal of Traffic Signal Installation, As Per Plan	3	Each	$ 1,250.00	$ 3,750.00	$ 4,038.85	$ 12,116.55	$ 1,529.73	$ 4,589.19	$ 3,794.00	$ 11,382.00
156	633	633E01581	Controller Unit, Type TS2/A1, with Cabinet, Type TS2, As Per Plan	3	Each	$ 9,000.00	$ 27,000.00	$ 8,162.80	$ 24,488.40	$ 7,654.04	$ 22,962.12	$ 7,668.00	$ 23,004.00
157	633	633E67101	Cabinet Foundation, As Per Plan	3	Each	$ 1,500.00	$ 4,500.00	$ 771.80	$ 2,315.40	$ 1,095.44	$ 3,286.32	$ 725.00	$ 2,175.00
158	633	633E67200	Controller Work Pad	3	Each	$ 350.00	$ 1,050.00	$ 345.95	$ 1,037.85	$ 259.98	$ 779.94	$ 325.00	$ 975.00
159	633	633E69000	Advance/Dilemma Zone Detection System, As Per Plan	6	Each	$ 7,500.00	$ 45,000.00	$ 7,335.65	$ 44,013.90	$ 6,375.03	$ 38,250.18	$ 6,891.00	$ 41,346.00
160	816	816E30001	Video Detection System, As Per Plan	3	Each	$ 15,000.00	$ 45,000.00	$ 14,238.10	$ 42,714.30	$ 11,605.23	$ 34,815.69	$ 13,375.00	$ 40,125.00
						Sub-total	**$ 377,299.16**	**Sub-total**	**$ 364,165.30**	**Sub-total**	**$ 330,719.24**	**Sub-total**	**$ 343,748.45**
			Maintenance of Traffic										
161	614	614E12338	Work Zone Impact Attenuator (Bidirectional)	42	Each	$ 2,515.00	$ 105,630.00	$ 1,761.75	$ 73,993.50	$ 1,700.00	$ 71,400.00	$ 1,700.00	$ 71,400.00
162	614	614E12420	Detour Signing	1	Lump	$ 3,500.00	$ 3,500.00	$ 1,709.95	$ 1,709.95	$ 1,650.00	$ 1,650.00	$ 1,650.00	$ 1,650.00
163	614	614E13000	Asphalt Concrete for Maintaining Traffic	45	CY	$ 180.00	$ 8,100.00	$ 159.70	$ 7,186.50	$ 283.64	$ 12,763.80	$ 90.00	$ 4,050.00
164	614	614E13300	Barrier Reflector, Type B	225	Each	$ 6.47	$ 1,455.75	$ 6.20	$ 1,395.00	$ 6.00	$ 1,350.00	$ 6.00	$ 1,350.00
165	614	614E13350	Object Marker, One Way	225	Each	$ 12.00	$ 2,700.00	$ 11.40	$ 2,565.00	$ 11.00	$ 2,475.00	$ 11.00	$ 2,475.00
166	614	614E18002	Maintaining Traffic, Miscellaneous: Mail Delivery During Construction	1	Lump	$ 1,000.00	$ 1,000.00	$ 7,500.00	$ 7,500.00	$ 4,000.00	$ 4,000.00	$ 10,000.00	$ 10,000.00
167	614	614E21100	Work Zone Center Line, Class I, 642 Paint	3.70	Mile	$ 1,250.00	$ 4,625.00	$ 1,304.75	$ 4,827.58	$ 1,259.00	$ 4,658.30	$ 1,259.00	$ 4,658.30
168	614	614E22100	Work Zone Edge Line, Class I, 642 Paint	8.14	Mile	$ 1,000.00	$ 8,140.00	$ 1,154.45	$ 9,397.22	$ 1,114.00	$ 9,067.96	$ 1,114.00	$ 9,067.96
169	614	614E23200	Work Zone Channelizing Line, Class I, 642 Paint	662	Ft	$ 0.75	$ 496.50	$ 0.55	$ 364.10	$ 0.55	$ 364.10	$ 0.55	$ 364.10
170	614	614E24200	Work Zone Dotted Line, Class I, 642 Paint	104	Ft	$ 1.00	$ 104.00	$ 0.50	$ 52.00	$ 0.50	$ 52.00	$ 0.50	$ 52.00
171	614	614E25200	Work Zone Transverse/Diagonal Line, Class I, 642 Paint	62	Ft	$ 2.00	$ 124.00	$ 2.05	$ 127.10	$ 2.00	$ 124.00	$ 2.00	$ 124.00
172	614	614E26200	Work Zone Stop Line, Class I, 642 Paint	316	Ft	$ 3.00	$ 948.00	$ 2.60	$ 821.60	$ 2.50	$ 790.00	$ 2.50	$ 790.00
173	614	614E30200	Work Zone Arrow, Class I, 642 Paint	6	Each	$ 55.00	$ 330.00	$ 46.65	$ 279.90	$ 45.00	$ 270.00	$ 45.00	$ 270.00
174	615	615E25000	Pavement For Maintaining Traffic, Class B	1181	Sq Yd	$ 60.00	$ 70,860.00	$ 74.95	$ 88,515.95	$ 59.82	$ 70,647.42	$ 100.00	$ 118,100.00
175	616	616E10000	Water	55	M Gal	$ 50.00	$ 2,750.00	$ 37.30	$ 2,051.50	$ 1.00	$ 55.00	$ 15.00	$ 825.00
176	622	622E41000	Portable Barrier, 32"	10777	Ft	$ 10.00	$ 107,770.00	$ 10.35	$ 111,541.95	$ 12.50	$ 134,712.50	$ 11.00	$ 118,547.00
						Sub-total	**$ 318,533.25**	**Sub-total**	**$ 312,328.85**	**Sub-total**	**$ 314,380.08**	**Sub-total**	**$ 343,723.36**
			Miscellaneous										
177	614	614E11000	Maintaining Traffic	1	Lump	$ 100,000.00	$ 100,000.00	$ 93,656.10	$ 93,656.10	$ 307,431.07	$ 307,431.07	$ 250,000.00	$ 250,000.00
178	619	619E16010	Field Office, Type B	12	Month	$ 1,300.00	$ 15,600.00	$ 1,400.00	$ 16,800.00	$ 500.00	$ 6,000.00	$ 1,750.00	$ 21,000.00
179	623	623E10000	Construction Layout Stakes and Surveying, As Per Plan	1	Lump	$ 50,000.00	$ 50,000.00	$ 35,669.35	$ 35,669.35	$ 43,400.00	$ 43,400.00	$ 47,500.00	$ 47,500.00
180	624	624E10000	Mobilization	1	Lump	$ 50,000.00	$ 50,000.00	$ 150,000.00	$ 150,000.00	$ 79,847.04	$ 79,847.04	$ 196,650.00	$ 196,650.00
181	SPECIAL	SPECIAL	Premium, Contract Bond	1	Lump	$ 15,000.00	$ 15,000.00	$ 34,195.50	$ 34,195.50	$ 30,570.50	$ 30,570.50	$ 40,000.00	$ 40,000.00
						Sub-total	**$ 230,600.00**	**Sub-total**	**$ 330,320.95**	**Sub-total**	**$ 467,248.61**	**Sub-total**	**$ 555,150.00**
						TOTAL	$ 5,619,047.62		$ 5,528,603.60		$ 5,886,213.89		$ 6,213,765.65
						5% CONTINGENCY	$ 280,952.38						
Table 5-1 BASE BID							**$ 5,900,000.00**		**$ 5,528,603.60**		**$ 5,886,213.89**		**$ 6,213,765.65**
182	301	301E46000	Asphalt Concrete Base, PG64-22	944	Cu Yd	$ 100.00	$ 94,400.00	$ 110.90	$ 104,689.60	$ 122.82	$ 115,942.08	$ 111.00	$ 104,784.00
183	407	407E10000	Tack Coat	510	Gal	$ 1.50	$ 765.00	$ 3.10	$ 1,581.00	$ 2.00	$ 1,020.00	$ 2.35	$ 1,198.50
184	407	407E14000	Tack Coat for intermediate Course	272	Gal	$ 1.50	$ 408.00	$ 3.10	$ 843.20	$ 2.00	$ 544.00	$ 2.35	$ 639.20
185	448	448E46050	Type 2, PG64-22	331	Cu Yd	$ 120.00	$ 39,720.00	$ 110.90	$ 36,707.90	$ 135.45	$ 44,833.95	$ 128.00	$ 42,368.00
186	448	448E46900	1, PG70-22	236	Cu Yd	$ 139.97	$ 33,032.92	$ 174.10	$ 41,087.60	$ 204.67	$ 48,302.12	$ 169.00	$ 39,884.00
									$ -				
Table 5-2 - ALTERNATE 1							**$ 168,325.92**		**$ 184,909.30**		**$ 210,642.15**		**$ 188,873.70**
187	638	638E00800	6" Water Main Ductile Iron Pipe Ansi Class 50, Boltless-Restrained Joints and Fittings, As Per Plan	10	Ft	$ 120.00	$ 1,200.00	$ 83.35	$ 833.50	$ 90.00	$ 900.00	$ 677.50	$ 6,775.00
188	638	638E01400	8" Water Main Ductile Iron Pipe Ansi Class 50, Boltless-Restrained Joints and Fittings, As Per Plan	344	Ft	$ 145.00	$ 49,880.00	$ 78.15	$ 26,883.60	$ 84.75	$ 29,154.00	$ 130.20	$ 44,788.80
189	638	638E02000	10" Water Main Ductile Iron Pipe Ansi Class 50, Boltless-Restrained Joints and Fittings, As Per Plan	25	Ft	$ 170.00	$ 4,250.00	$ 104.20	$ 2,605.00	$ 113.00	$ 2,825.00	$ 175.10	$ 4,377.50
190	638	638E02600	12" Watermain Ductile Iron Pipe Ansi Class 50, Boltless-Restrained Joints and Fittings, As Per Plan	3,647	Ft	$ 195.00	$ 711,165.00	$ 88.60	$ 323,124.20	$ 96.00	$ 350,112.00	$ 123.80	$ 451,498.60
TABLE 5-3 ALTERNATE 2							**$ 766,495.00**		**$ 353,446.30**		**$ 382,991.00**		**$ 507,439.90**