Bid Opening
July 12, 2013
10:00 a.m.

BID TABULATION
CLA CR 327 0.55
UPPER VALLEY PIKE
PID 79011

						Base Bid As Read		*$1,618,354.00*		*$1,744,459.86*		*$1,942,501.46*	
						Corrected		*$1,616,354.00*		*$1,744,459.86*		*$1,942,501.46*	
						ENGINEER'S ESTIMATE		**BARRETT PAVING MATERIALS**		**A&B ASPHALT CORP.**		**THE SHELLY COMPANY**	
								201 WHEELING AVENUE CAMBRIDGE, OHIO 43725		1780 ENON ROAD SPRINGFIELD, OHIO 45502 (937) 882-6954 FAX (937) 882-6957		1558 CO. RD 1558 BELLE CENTER, OHIO 43310 937-464-3833/FAX: 937-464-3488	
REF	*ITEM*	*ITEM EXT*	*TOTAL*	*UNIT*	*DESCRIPTION*	*UNIT PRICE*	*TOTAL COST*	*UNIT PRICE*	*TOTAL COST*	*UNIT PRICE*	*TOTAL COST*	*UNIT PRICE*	*TOTAL COST*
ROADWAY													
1	201	11000	1	LUMP	Clearing & Grubbing	$5,000.00	$ 5,000.00	$ 19,500.00	$ 19,500.00	$ 9,600.00	$ 9,600.00	$ 35,000.00	$ 35,000.00
2	201	21800	5	EACH	Tree Removed, 18-inch size	$1,000.00	$ 5,000.00	$ 600.00	$ 3,000.00	$ 350.00	$ 1,750.00	$ 540.00	$ 2,700.00
3	201	21800	1	EACH	Tree Removed, 48-inch size		$ -	$ 900.00	$ 900.00	$ 1,200.00	$ 1,200.00	$ 1,725.00	$ 1,725.00
4	202	38000	975	FOOT	Guardrail Removed	$2.00	$ 1,950.00	$ 1.50	$ 1,462.50	$ 1.28	$ 1,248.00	$ 1.28	$ 1,248.00
5	202	35100	240	FOOT	Pipe Removed, 24" and Under	$15.00	$ 3,600.00	$ 6.10	$ 1,464.00	$ 9.00	$ 2,160.00	$ 12.00	$ 2,880.00
6	202	35200	1,355	FOOT	Pipe Removed, Over 24"	$25.00	$ 33,875.00	$ 6.25	$ 8,468.75	$ 9.00	$ 12,195.00	$ 14.00	$ 18,970.00
7	202	58100	14	EACH	Catch Basin Removed	$400.00	$ 5,600.00	$ 125.00	$ 1,750.00	$ 248.00	$ 3,472.00	$ 150.00	$ 2,100.00
8	202	32000	160	FOOT	Curb Removed	$6.00	$ 960.00	$ 4.50	$ 720.00	$ 10.00	$ 1,600.00	$ 12.00	$ 1,920.00
9	202	30000	230	SQ. FT.	Walk Removed	$4.00	$ 920.00	$ 3.25	$ 747.50	$ 3.00	$ 690.00	$ 2.50	$ 575.00
10	202	23010	360	SQ. YD.	Pavement Removed, Asphalt	$15.00	$ 5,400.00	$ 7.00	$ 2,520.00	$ 10.00	$ 3,600.00	$ 11.00	$ 3,960.00
11	202	30600	995	SQ. YD.	Concrete Median Removed, As Per Plan	$10.00	$ 9,950.00	$ 19.00	$ 18,905.00	$ 13.00	$ 12,935.00	$ 9.50	$ 9,452.50
12	202	98100	4	EACH	Miscellaneous Removed: Landscape	$100.00	$ 400.00	$ 225.00	$ 900.00	$ 1,955.00	$ 7,820.00	$ 200.00	$ 800.00
13	202	98100	4	EACH	Miscellaneous Removed: Post	$50.00	$ 200.00	$ 275.00	$ 1,100.00	$ 780.00	$ 3,120.00	$ 250.00	$ 1,000.00
14	202	98100	2	EACH	Miscellaneous Removed: Bench	$100.00	$ 200.00	$ 175.00	$ 350.00	$ 312.00	$ 624.00	$ 250.00	$ 500.00
15	202	98100	1	EACH	Miscellaneous Removed: Gate	$100.00	$ 100.00	$ 250.00	$ 250.00	$ 312.00	$ 312.00	$ 100.00	$ 100.00
16	202	98100	8	EACH	Miscellaneous Removed: Sign	$50.00	$ 400.00	$ 75.00	$ 600.00	$ 781.00	$ 6,248.00	$ 125.00	$ 1,000.00
17	202	11004	1	EACH	Structure Removed	$250.00	$ 250.00	$ 500.00	$ 500.00	$ 391.00	$ 391.00	$ 1,500.00	$ 1,500.00
18	203	20001	2,100	CU. YD.	Embankment, as per plan	$15.00	$ 31,500.00	$ 11.00	$ 23,100.00	$ 20.00	$ 42,000.00	$ 18.00	$ 37,800.00
19	204	13001	600	CU. YD.	Excavation Of Subgrade, As Per Plan	$10.00	$ 6,000.00	$ 32.00	$ 19,200.00	$ 12.00	$ 7,200.00	$ 16.00	$ 9,600.00
20	254	90100	38	EACH	Pavement Planing, Asphalt Concrete Butt Joints, As Per Plan	$300.00	$ 11,400.00	$ 275.00	$ 10,450.00	$ 295.00	$ 11,210.00	$ 265.00	$ 10,070.00
21	254	01000	45,268	S. Y.	Pavement Planing, Asphalt Concrete	$2.00	$ 90,536.00	$ 1.15	$ 52,058.20	$ 1.27	$ 57,490.36	$ 0.85	$ 38,477.80
22	Special	01000	5,000	S. Y.	Grading and Shaping, As Per Plan	$3.00	$ 15,000.00	$ 2.65	$ 13,250.00	$ 1.50	$ 7,500.00	$ 4.00	$ 20,000.00
23	Special	01000	650	FT.	Pavement Widening, As Per Plan	$20.00	$ 13,000.00	$ 14.50	$ 9,425.00	$ 44.00	$ 28,600.00	$ 33.00	$ 21,450.00
24	604	34501	5	EACH	Manhole Adj to Grade, As Per Plan	$300.00	$ 1,500.00	$ 400.00	$ 2,000.00	$ 486.00	$ 2,430.00	$ 650.00	$ 3,250.00
25	604	1000	5	EACH	Water Valve Adjusted To Grade, As Per Plan	$50.00	$ 250.00	$ 75.00	$ 375.00	$ 62.00	$ 310.00	$ 350.00	$ 1,750.00
26	604	38501	4	EACH	Monument Assembly, As Per Plan	$500.00	$ 2,000.00	$ 650.00	$ 2,600.00	$ 726.00	$ 2,904.00	$ 650.00	$ 2,600.00
27	606	13001	455	FOOT	Guardrail, Type 5	$20.00	$ 9,100.00	$ 16.40	$ 7,462.00	$ 16.40	$ 7,462.00	$ 16.40	$ 7,462.00
28	606	26100	1	EACH	Anchor Assembly, Type E	$2,500.00	$ 2,500.00	$ 1,980.00	$ 1,980.00	$ 1,980.00	$ 1,980.00	$ 1,980.00	$ 1,980.00
29	608	10000	192	SQ. FT.	Concrete Walk	$5.00	$ 960.00	$ 8.50	$ 1,632.00	$ 7.00	$ 1,344.00	$ 10.00	$ 1,920.00
30	608	52144	2	EACH	Curb Ramp, Type B3	$1,000.00	$ 2,000.00	$ 450.00	$ 900.00	$ 400.00	$ 800.00	$ 444.00	$ 888.00
31	609	26000	2,365	FOOT	Concrete Curb, Type 6	$15.00	$ 35,475.00	$ 13.75	$ 32,518.75	$ 13.00	$ 30,745.00	$ 13.00	$ 30,745.00
32	609	72001	225	S.Y.	Concrete Median, As Per Plan	$50.00	$ 11,250.00	$ 66.50	$ 14,962.50	$ 61.00	$ 13,725.00	$ 80.00	$ 18,000.00
33	626	00101	5	EACH	Barrier Reflector, Type A as per plan	$20.00	$ 100.00	$ 8.00	$ 40.00	$ 5.00	$ 25.00	$ 6.00	$ 30.00
34	690	50100	10	EACH	Mailbox Support System, Single	$150.00	$ 1,500.00	$ 150.00	$ 1,500.00	$ 105.00	$ 1,050.00	$ 105.00	$ 1,050.00
35	690	50300	1	EACH	Mailbox Support System, Multiple	$250.00	$ 250.00	$ 300.00	$ 300.00	$ 150.00	$ 150.00	$ 150.00	$ 150.00
36	690	65010	10	TON	Work Involving Solid Waste	$500.00	$ 5,000.00	$ 200.00	$ 2,000.00	$ 99.00	$ 990.00	$ 70.00	$ 700.00
37	Special	Special	380	SQ. YD.	Landscape River Stone No.2, 12" Depth	$25.00	$ 9,500.00	$ 17.25	$ 6,555.00	$ 5.00	$ 1,900.00	$ 28.00	$ 10,640.00
						Subtotal	$ 322,626.00	***Subtotal***	$ 265,446.20	***Subtotal***	$ 288,780.36	***Subtotal***	$ 303,993.30
EROSION CONTROL													
38	601	32104	30	C.Y.	Rock Channel Protection, Type B with Filter	$100.00	$ 3,000.00	$ 88.00	$ 2,640.00	$ 91.00	$ 2,730.00	$ 65.00	$ 1,950.00
39	659	10000	7,000	S. Y.	Seeding and Mulching, as per plan	$2.00	$ 14,000.00	$ 0.60	$ 4,200.00	$ 1.15	$ 8,050.00	$ 3.60	$ 25,200.00
40	832	30000	1	Each	Erosion Control	$5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00
							$ 22,000.00	***Subtotal***	$ 11,840.00	***Subtotal***	$ 15,780.00	***Subtotal***	$ 32,150.00
DRAINAGE													
41	602	20000	13.75	C.Y.	Concrete Masonry	$1,000.00	$ 13,750.00	$ 1,100.00	$ 15,125.00	$ 900.00	$ 12,375.00	$ 1,150.00	$ 15,812.50
42	603	02000	26	FT.	8" Conduit, Type C, 707.33	$15.00	$ 390.00	$ 25.00	$ 650.00	$ 94.00	$ 2,444.00	$ 26.00	$ 676.00
43	603	04400	98	FT.	12" Conduit, Type B, 706.02	$45.00	$ 4,410.00	$ 50.00	$ 4,900.00	$ 70.00	$ 6,860.00	$ 60.00	$ 5,880.00

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ENGINEER'S ESTIMATE

BARRETT PAVING MATERIALS
201 WHEELING AVENUE
CAMBRIDGE, OHIO 43725

A&B ASPHALT CORP.
1780 ENON ROAD
SPRINGFIELD, OHIO 45502
(937) 882-6954
FAX (937) 882-6957

THE SHELLY COMPANY
1558 CO. RD 1558
BELLE CENTER, OHIO 43310
937-464-3833/FAX: 937-464-3488

REF	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
44	603	10400	156	FT.	24" Conduit, Type B, 706.02	$85.00	$ 13,260.00	$ 63.00	$ 9,828.00	$ 86.00	$ 13,416.00	$ 90.00	$ 14,040.00
45	603	10600	284	FT.	24" Conduit, Type C, 706.02	$50.00	$ 14,200.00	$ 68.00	$ 19,312.00	$ 102.00	$ 28,968.00	$ 80.00	$ 22,720.00
46	603	16400	199	FT.	36" Conduit, Type B, 706.02	$120.00	$ 23,880.00	$ 93.00	$ 18,507.00	$ 131.00	$ 26,069.00	$ 140.00	$ 27,860.00
47	603	16600	287	FT.	36" Conduit, Type C, 706.02	$80.00	$ 22,960.00	$ 96.00	$ 27,552.00	$ 136.00	$ 39,032.00	$ 135.00	$ 38,745.00
48	603	16600	263	FT.	36" Conduit, Type C, 707.33	$75.00	$ 19,725.00	$ 100.00	$ 26,300.00	$ 120.00	$ 31,560.00	$ 135.00	$ 35,505.00
49	603	20900	185	FT.	48" Conduit, Type B, 706.02	$160.00	$ 29,600.00	$ 115.00	$ 21,275.00	$ 230.00	$ 42,550.00	$ 210.00	$ 38,850.00
50	603	21100	689	FT.	48" Conduit, Type C, 706.02	$100.00	$ 68,900.00	$ 133.00	$ 91,637.00	$ 171.00	$ 117,819.00	$ 183.00	$ 126,087.00
51	604	04500	3	EACH	Catch Basin No.2-2-B	$1,200.00	$ 3,600.00	$ 1,175.00	$ 3,525.00	$ 1,500.00	$ 4,500.00	$ 1,250.00	$ 3,750.00
52	604	04900	5	EACH	Catch Basin No.2-3	$1,400.00	$ 7,000.00	$ 1,900.00	$ 9,500.00	$ 2,000.00	$ 10,000.00	$ 1,650.00	$ 8,250.00
53	604	05300	5	EACH	Catch Basin No.2-4	$1,800.00	$ 9,000.00	$ 2,150.00	$ 10,750.00	$ 2,000.00	$ 10,000.00	$ 2,200.00	$ 11,000.00
54	604	05700	7	EACH	Catch Basin No.2-5	$2,500.00	$ 17,500.00	$ 2,900.00	$ 20,300.00	$ 2,000.00	$ 14,000.00	$ 3,250.00	$ 22,750.00
55	604	31500	6	EACH	Manhole Std. No. 3	$2,700.00	$ 16,200.00	$ 3,750.00	$ 22,500.00	$ 3,900.00	$ 23,400.00	$ 6,000.00	$ 36,000.00
56	604	32500	1	EACH	Manhole Misc., doghouse as per plan	$3,000.00	$ 3,000.00	$ 3,800.00	$ 3,800.00	$ 4,700.00	$ 4,700.00	$ 4,500.00	$ 4,500.00
57	605	05110	285	FT.	4" Shallow Pipe Underdrains, with Fabric Wrap	$10.00	$ 2,850.00	$ 16.75	$ 4,773.75	$ 14.00	$ 3,990.00	$ 23.00	$ 6,555.00
						Subtotal	$ 270,225.00	***Subtotal***	$ 310,234.75	***Subtotal***	$ 391,683.00	***Subtotal***	$ 418,980.50
PAVEMENT													
58	304	20000	150	CU. YD.	Aggregate Base 8"	$50.00	$ 7,500.00	$ 57.00	$ 8,550.00	$ 45.00	$ 6,750.00	$ 75.00	$ 11,250.00
59	448	46020	1,881	TONS	3/4" Asphalt Concrete Intermediate Course Type 1, PG 64-22	$70.00	$ 131,670.00	$ 64.00	$ 120,384.00	$ 70.00	$ 131,670.00	$ 70.00	$ 131,670.00
60	448	50010	3,762	TONS	1 1/2" Asphalt Concrete Surface Course Type 1H, PG76-22	$82.00	$ 308,484.00	$ 81.00	$ 304,722.00	$ 85.00	$ 319,770.00	$ 87.00	$ 327,294.00
61	448	48020	826	TONS	1 1/4" Asphalt Concrete Surface Course Type 1, PG 64-22	$70.00	$ 57,820.00	$ 64.00	$ 52,864.00	$ 70.00	$ 57,820.00	$ 76.00	$ 62,776.00
62	407	20100	3,611	GAL.	Tack Coat, Trackless Tack Surface Course	$4.00	$ 14,444.00	$ 3.50	$ 12,638.50	$ 2.00	$ 7,222.00	$ 5.00	$ 18,055.00
63	407	20000	3,611	GAL.	Tack Coat, Trackless Tack Intermediate	$4.00	$ 14,444.00	$ 3.50	$ 12,638.50	$ 2.00	$ 7,222.00	$ 5.00	$ 18,055.00
64	411	10001	362	TONS	Stabilized Crushed Aggregate Berm, As Per Plan	$24.00	$ 8,688.00	$ 27.00	$ 9,774.00	$ 34.00	$ 12,308.00	$ 32.00	$ 11,584.00
						Subtotal	$ 543,050.00	***Subtotal***	$ 521,571.00	***Subtotal***	$ 542,762.00	***Subtotal***	$ 580,684.00
DRIVES													
65	202	23000	472	S.Y.	Pavement Removed	$5.00	$ 2,360.00	$ 2.75	$ 1,298.00	$ 10.00	$ 4,720.00	$ 18.00	$ 8,496.00
66	204	10000	472	S.Y.	Subgrade Compaction	$4.00	$ 1,888.00	$ 1.75	$ 826.00	$ 7.00	$ 3,304.00	$ 4.00	$ 1,888.00
67	304	20000	243	TONS	Aggregate Base	$28.00	$ 6,804.00	$ 19.00	$ 4,617.00	$ 45.00	$ 10,935.00	$ 44.00	$ 10,692.00
68	407	20100	516	GAL.	Tack Coat, Trackless Tack Surface Course	$4.00	$ 2,064.00	$ 3.50	$ 1,806.00	$ 2.00	$ 1,032.00	$ 5.00	$ 2,580.00
69	408	10000	229	GAL.	Prime Coat	$5.00	$ 1,145.00	$ 4.00	$ 916.00	$ 2.00	$ 458.00	$ 6.00	$ 1,374.00
70	448	46024	46	TONS	Asphalt Concrete Intermediate Course Type 2, PG 64-22 Drives	$100.00	$ 4,600.00	$ 96.00	$ 4,416.00	$ 221.00	$ 10,166.00	$ 125.00	$ 5,750.00
71	448	48020	460	TONS	Asphalt Concrete Surface Course Type 1, PG 64-22 Drives	$110.00	$ 50,600.00	$ 120.00	$ 55,200.00	$ 103.00	$ 47,380.00	$ 116.00	$ 53,360.00
						Subtotal	$ 69,461.00	***Subtotal***	$ 69,079.00	***Subtotal***	$ 77,995.00	***Subtotal***	$ 84,140.00
WATER WORK													
72	838*	00601	30	FT.	6" Water Main	$100.00	$ 3,000.00	$ 80.00	$ 2,400.00	$ 135.00	$ 4,050.00	$ 250.00	$ 7,500.00
73	838*	10800	2	EACH	Valve Box Adjusted to Grade	$800.00	$ 1,600.00	$ 120.00	$ 240.00	$ 640.00	$ 1,280.00	$ 250.00	$ 500.00
74	840*	10300	2	EACH	Fire Hydrant Removed and Relocated	$1,800.00	$ 3,600.00	$ 2,000.00	$ 4,000.00	$ 3,500.00	$ 7,000.00	$ 2,750.00	$ 5,500.00
						Subtotal	$ 8,200.00	***Subtotal***	$ 6,640.00	***Subtotal***	$ 12,330.00	***Subtotal***	$ 13,500.00
TRAFFIC CONTROL													
75	621	00101	34	EACH	Raised pavement markers, as per plan	$17.50	$ 595.00	$ 78.00	$ 2,652.00	$ 78.00	$ 2,652.00	$ 78.00	$ 2,652.00
76	630	03100	754	FT.	Ground Mounted Support, No. 3 Post	$6.80	$ 5,127.20	$ 7.50	$ 5,655.00	$ 7.50	$ 5,655.00	$ 9.00	$ 6,786.00
77	630	79000	29	EACH	Sign Hanger Assembly, Span Wire	$135.00	$ 3,915.00	$ 235.00	$ 6,815.00	$ 235.00	$ 6,815.00	$ 200.00	$ 5,800.00
78	630	80100	564.80	SQ. FT.	Sign, Flat Sheet	$12.85	$ 7,257.68	$ 16.25	$ 9,178.00	$ 16.25	$ 9,178.00	$ 15.00	$ 8,472.00
79	630	84900	67	EACH	Removal of Ground Mounted Sign & Disposal	$18.14	$ 1,215.38	$ 10.00	$ 670.00	$ 10.00	$ 670.00	$ 15.00	$ 1,005.00
80	630	86002	64	EACH	Removal of Ground Mounted Post Support and Disposal	$13.00	$ 832.00	$ 14.50	$ 928.00	$ 15.50	$ 992.00	$ 20.00	$ 1,280.00

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ENGINEER'S ESTIMATE

BARRETT PAVING MATERIALS
201 WHEELING AVENUE
CAMBRIDGE, OHIO 43725

A&B ASPHALT CORP.
1780 ENON ROAD
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THE SHELLY COMPANY
1558 CO. RD 1558
BELLE CENTER, OHIO 43310
937-464-3833/FAX: 937-464-3488

REF	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
81	630	87400	26	EACH	Removal of Overhead Mounted Sign & Disposal	$150.00	$ 3,900.00	$ 25.00	$ 650.00	$ 25.00	$ 650.00	$ 20.00	$ 520.00
82	642	00100	2.98	MILE	Edge Line, 4", Type 1 White	$1,000.00	$ 2,980.00	$ 610.00	$ 1,817.80	$ 900.00	$ 2,682.00	$ 900.00	$ 2,682.00
83	642	00200	1.25	MILE	Lane Line, 4", Type 1	$1,000.00	$ 1,250.00	$ 420.00	$ 525.00	$ 420.00	$ 525.00	$ 550.00	$ 687.50
84	642	00300	1.57	MILE	Centerline, Type 1	$2,000.00	$ 3,140.00	$ 915.00	$ 1,436.55	$ 915.00	$ 1,436.55	$ 1,100.00	$ 1,727.00
85	642	00400	5,541	FT.	Channelizing Line, 8"	$1.35	$ 7,480.35	$ 0.60	$ 3,324.60	$ 0.60	$ 3,324.60	$ 0.55	$ 3,047.55
86	642	00790	180	FT.	Curb Marking	$2.00	$ 360.00	$ 2.00	$ 360.00	$ 2.00	$ 360.00	$ 3.50	$ 630.00
87	644	00500	369	FT.	Stop Line	$6.00	$ 2,214.00	$ 5.95	$ 2,195.55	$ 5.95	$ 2,195.55	$ 7.00	$ 2,583.00
88	644	00600	150	FT.	Crosswalk Line	$3.95	$ 592.50	$ 3.60	$ 540.00	$ 3.60	$ 540.00	$ 4.40	$ 660.00
89	644	00700	490	FT.	Transverse/Diagonal Line	$5.66	$ 2,773.40	$ 4.90	$ 2,401.00	$ 4.90	$ 2,401.00	$ 6.30	$ 3,087.00
90	644	00900	167	SQ. FT.	Island marking	$1.66	$ 277.22	$ 3.00	$ 501.00	$ 3.00	$ 501.00	$ 3.40	$ 567.80
91	644	01300	83	EACH	Lane Arrow	$82.11	$ 6,815.13	$ 82.00	$ 6,806.00	$ 82.00	$ 6,806.00	$ 85.00	$ 7,055.00
92	644	01514	504	FT.	Dotted Line, 8"	$1.94	$ 977.76	$ 2.70	$ 1,360.80	$ 2.00	$ 1,008.00	$ 1.70	$ 856.80
						Subtotal	$ 51,702.62	***Subtotal***	$ 47,816.30	***Subtotal***	$ 48,391.70	***Subtotal***	$ 50,098.65
TRAFFIC SIGNAL													
92	625	18100	6	Each	Bracket Arm, 12'	$600.00	$ 3,600.00	$ 425.00	$ 2,550.00	$ 425.00	$ 2,550.00	$ 436.80	$ 2,620.80
93	625	25408	463	Feet	Conduit, 2", 725.051 (PVC)	$2.41	$ 1,115.83	$ 2.40	$ 1,111.20	$ 2.40	$ 1,111.20	$ 2.89	$ 1,338.07
94	625	25500	40	Feet	Conduit, 3", 725.04	$4.50	$ 180.00	$ 9.70	$ 388.00	$ 9.70	$ 388.00	$ 13.32	$ 532.80
95	625	25504	165	Feet	Conduit, 3", 725.051 (PVC)	$5.95	$ 981.75	$ 4.10	$ 676.50	$ 4.10	$ 676.50	$ 4.19	$ 691.35
96	625	26251	6	Each	Luminaire, Conventional, 250 watt, HPS, 120 Volt, Type III, as per plan	$460.00	$ 2,760.00	$ 380.00	$ 2,280.00	$ 380.00	$ 2,280.00	$ 267.87	$ 1,607.22
97	625	29000	638	Feet	Trench	$5.60	$ 3,572.80	$ 6.40	$ 4,083.20	$ 6.40	$ 4,083.20	$ 6.87	$ 4,383.06
98	625	30700	10	Each	Pull Box, 725.08, 18"	$645.00	$ 6,450.00	$ 510.00	$ 5,100.00	$ 500.00	$ 5,000.00	$ 545.23	$ 5,452.30
99	625	30706	1	Each	Pull Box, 725.08, 24"	$775.00	$ 775.00	$ 700.00	$ 700.00	$ 700.00	$ 700.00	$ 658.23	$ 658.23
100	625	32000	15	Each	Ground Rod	$152.00	$ 2,280.00	$ 175.00	$ 2,625.00	$ 175.00	$ 2,625.00	$ 114.70	$ 1,720.50
101	630	79000	24	Each	Sign Support Assembly, Span Wire	$135.00	$ 3,240.00	$ 225.00	$ 5,400.00	$ 225.00	$ 5,400.00	$ 225.00	$ 5,400.00
102	630	79500	6	Each	Sign Support Assembly, Pole Mounted	$75.00	$ 450.00	$ 75.00	$ 450.00	$ 75.00	$ 450.00	$ 75.00	$ 450.00
103	630	80100	111	SQ. FT.	Sign, Flat Sheet	$13.00	$ 1,443.00	$ 15.00	$ 1,665.00	$ 15.00	$ 1,665.00	$ 15.00	$ 1,665.00
104	630	80500	11	SQ. FT.	Sign, Double Faced, Street Name	$100.00	$ 1,100.00	$ 450.00	$ 4,950.00	$ 18.00	$ 198.00	$ 22.00	$ 242.00
105	632	04913	20	Each	Vehicular Signal Head, (Led), 3-Section, 12" Lens, 1-Way, Polycarbonate, with Backplate, As Per Plan	$753.00	$ 15,060.00	$ 680.00	$ 13,600.00	$ 680.00	$ 13,600.00	$ 623.36	$ 12,467.20
106	632	04923	2	Each	Vehicular Signal Head, (Led), 5-Section, 12" Lens, 1-Way, Polycarbonate, with Backplate, As Per Plan	$1,182.00	$ 2,364.00	$ 1,160.00	$ 2,320.00	$ 1,160.00	$ 2,320.00	$ 1,048.53	$ 2,097.06
107	632	20731	4	Each	Pedestrian Signal Head (LED), Type D2, As Per Plan	$500.00	$ 2,000.00	$ 450.00	$ 1,800.00	$ 450.00	$ 1,800.00	$ 504.48	$ 2,017.92
108	632	25000	22	Each	Covering Of Vehicular Signal Head	$34.00	$ 748.00	$ 25.00	$ 550.00	$ 25.00	$ 550.00	$ 10.51	$ 231.22
109	632	25010	4	Each	Covering Of Pedestrian Signal Head	$30.00	$ 120.00	$ 25.00	$ 100.00	$ 25.00	$ 100.00	$ 10.51	$ 42.04
110	632	26000	6	Each	Pedestrian Pushbutton	$210.00	$ 1,260.00	$ 155.00	$ 930.00	$ 155.00	$ 930.00	$ 148.48	$ 890.88
111	632	26500	17	Each	Detector Loop	$970.00	$ 16,490.00	$ 885.00	$ 15,045.00	$ 885.00	$ 15,045.00	$ 1,076.89	$ 18,307.13
112	632	26501	14	Each	Detector Loop, As Per Plan	$1,010.00	$ 14,140.00	$ 885.00	$ 12,390.00	$ 885.00	$ 12,390.00	$ 1,021.52	$ 14,301.28
113	632	27200	14	Each	Loop Detector Tie-In	$70.52	$ 987.28	$ 50.00	$ 700.00	$ 50.00	$ 700.00	$ 80.80	$ 1,131.20
114	632	30200	1,124	Feet	Messenger Wire, 7 Strand, 3/8" Diameter With Accessories	$8.62	$ 9,688.88	$ 7.25	$ 8,149.00	$ 7.25	$ 8,149.00	$ 8.05	$ 9,048.20
115	632	30600	1,124	Feet	Tether Wire, with Accessories	$9.35	$ 10,509.40	$ 10.90	$ 12,251.60	$ 10.90	$ 12,251.60	$ 14.27	$ 16,039.48
116	632	30980	1,678	Feet	Signal Cable, 3 Conductor, No. 10 AWG	$2.00	$ 3,356.00	$ 2.15	$ 3,607.70	$ 2.15	$ 3,607.70	$ 3.25	$ 5,453.50
117	632	40700	4,137	Feet	Signal Cable, 7 Conductor, No. 14 AWG	$2.32	$ 9,597.84	$ 2.00	$ 8,274.00	$ 2.00	$ 8,274.00	$ 3.05	$ 12,617.85
118	632	64000	12	Each	Strain Pole Foundation	$2,585.00	$ 31,020.00	$ 3,225.00	$ 38,700.00	$ 3,225.00	$ 38,700.00	$ 2,456.62	$ 29,479.44
119	632	64020	1	Each	Pedestal Foundation	$690.00	$ 690.00	$ 425.00	$ 425.00	$ 425.00	$ 425.00	$ 751.45	$ 751.45
120	632	65200	3,943	Feet	Loop Detector Lead-In Cable	$1.55	$ 6,111.65	$ 1.60	$ 6,308.80	$ 1.60	$ 6,308.80	$ 1.97	$ 7,767.71
121	632	68300	129	Feet	Power Cable, 3 Conductor, No. 6 AWG	$3.00	$ 387.00	$ 3.50	$ 451.50	$ 3.50	$ 451.50	$ 4.70	$ 606.30
122	632	69800	1,071	Feet	Service Cable, 3 Conductor, No. 6 Awg	$3.00	$ 3,213.00	$ 3.50	$ 3,748.50	$ 3.50	$ 3,748.50	$ 4.70	$ 5,033.70

Bid Opening
July 12, 2013
10:00 a.m.

CLA CR 327 0.55
UPPER VALLEY PIKE
PID 79011

ENGINEER'S ESTIMATE

BARRETT PAVING MATERIALS
201 WHEELING AVENUE
CAMBRIDGE, OHIO 43725

A&B ASPHALT CORP.
1780 ENON ROAD
SPRINGFIELD, OHIO 45502
(937) 882-6954
FAX (937) 882-6957

THE SHELLY COMPANY
1558 CO. RD 1558
BELLE CENTER, OHIO 43310
937-464-3833/FAX: 937-464-3488

REF	ITEM	ITEM EXT	TOTAL	UNIT	DESCRIPTION	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
123	632	70001	2	Each	Power Service, As Per Plan	$2,600.00	$ 5,200.00	$ 1,250.00	$ 2,500.00	$ 1,250.00	$ 2,500.00	$ 1,954.90	$ 3,909.80
124	632	82800	4	Each	Strain Pole, Type TC-81.10, Design 8	$4,000.00	$ 16,000.00	$ 4,450.00	$ 17,800.00	$ 4,450.00	$ 17,800.00	$ 4,951.66	$ 19,806.64
125	632	83300	2	Each	Strain Pole, Type TC-81.10, Design 13	$7,250.00	$ 14,500.00	$ 11,035.00	$ 22,070.00	$ 11,035.00	$ 22,070.00	$ 11,609.62	$ 23,219.24
126	632	84800	4	Each	Combination Strain Pole, Type TC-81.10, Design 8	$3,500.00	$ 14,000.00	$ 4,605.00	$ 18,420.00	$ 4,605.00	$ 18,420.00	$ 5,104.21	$ 20,416.84
127	632	85320	2	Each	Combination Strain Pole, Type TC-81.10, Design 13	$7,250.00	$ 14,500.00	$ 11,185.00	$ 22,370.00	$ 11,185.00	$ 22,370.00	$ 11,762.17	$ 23,524.34
128	632	89600	1	Each	Pedestal, 8'	$500.00	$ 500.00	$ 460.00	$ 460.00	$ 460.00	$ 460.00	$ 403.05	$ 403.05
129	632	90103	2	Each	Removal Of Traffic Signal Installation for Storage, As Per Plan	$450.00	$ 900.00	$ 2,750.00	$ 5,500.00	$ 2,750.00	$ 5,500.00	$ 3,952.74	$ 7,905.48
130	633	01581	2	Each	Controller Unit, Type TS2/A2, With Cabinet, Type TS1, As Per Plan	$10,000.00	$ 20,000.00	$ 8,020.00	$ 16,040.00	$ 8,020.00	$ 16,040.00	$ 9,725.35	$ 19,450.70
131	633	69000	2	LUMP	Advance/Dilemma Zone Detection System	$10,600.00	$ 21,200.00	$ 6,350.00	$ 12,700.00	$ 6,350.00	$ 12,700.00	$ 7,602.64	$ 15,205.28
						Subtotal	$ 262,491.43	***Subtotal***	$ 279,190.00	***Subtotal***	$ 274,338.00	***Subtotal***	$ 298,886.26
MAINTENANCE OF TRAFFIC													
132	614	22000	2.98	MILE	Work Zone Edge Line, Class 1	$1,000.00	$ 2,980.00	$ 1,100.00	$ 3,278.00	$ 1,100.00	$ 3,278.00	$ 1,100.00	$ 3,278.00
133	614	21000	1.25	MILE	Work Zone Center Line, Class 1	$1,500.00	$ 1,875.00	$ 1,350.00	$ 1,687.50	$ 1,350.00	$ 1,687.50	$ 1,350.00	$ 1,687.50
134	614	20000	1.57	MILE	Work Zone Lane Line, Class 1	$1,000.00	$ 1,570.00	$ 550.00	$ 863.50	$ 550.00	$ 863.50	$ 550.00	$ 863.50
135	614	23000	5,541	FT.	Work Zone Channelizing Line, Class 1	$1.00	$ 5,541.00	$ 0.75	$ 4,155.75	$ 0.75	$ 4,155.75	$ 0.75	$ 4,155.75
136	614	26000	396	FT.	Work Zone Stop Line, Class 1	$3.00	$ 1,188.00	$ 4.00	$ 1,584.00	$ 4.00	$ 1,584.00	$ 4.00	$ 1,584.00
137	614	30000	50	EACH	Work Zone Arrow, Class 1	$50.00	$ 2,500.00	$ 50.00	$ 2,500.00	$ 50.00	$ 2,500.00	$ 50.00	$ 2,500.00
						Subtotal	$ 15,654.00	***Subtotal***	$ 14,068.75	***Subtotal***	$ 14,068.75	***Subtotal***	$ 14,068.75
MISCELLANEOUS													
138	614	11110	100	HOUR	Law Enforcement Officer With Patrol Car For Assistance	$60.00	$ 6,000.00	$ 70.00	$ 7,000.00	$ 60.00	$ 6,000.00	$ 60.00	$ 6,000.00
139	614	11000	1	LUMP	Maintaining Traffic	$30,000.00	$ 30,000.00	$ 56,718.00	$ 56,718.00	$ 44,809.80	$ 44,809.80	$ 40,000.00	$ 40,000.00
140	623	10000	1	LUMP	Construction Layout Stakes	$15,000.00	$ 15,000.00	$ 8,750.00	$ 8,750.00	$ 9,000.00	$ 9,000.00	$ 15,000.00	$ 15,000.00
141	624	10000	1	LUMP	Mobilization	$10,000.00	$ 10,000.00	$ 8,000.00	$ 8,000.00	$ 10,521.25	$ 10,521.25	$ 75,000.00	$ 75,000.00
142	SPECIAL		1	LUMP	Premium, Contract Bond	$5,000.00	$ 5,000.00	$ 10,000.00	$ 10,000.00	$ 8,000.00	$ 8,000.00	$ 10,000.00	$ 10,000.00
						Subtotal	$ 66,000.00	***Subtotal***	$ 90,468.00	***Subtotal***	$ 78,331.05	***Subtotal***	$ 146,000.00
						Base Total	$ 1,631,410.05	**Base Total**	$ 1,616,354.00	**Base Total**	$ 1,744,459.86	**Base Total**	$ 1,942,501.46
ADD ALTERNATE - PAVEMENT													
143	254	01000	11,893	S. Y.	Pavement Planing, Asphalt Concrete	$2.00	$ 23,786.00	$ 1.20	$ 14,271.60	$ 1.27	$ 15,104.11	$ 1.20	$ 14,271.60
144	448	46020	495	TONS	3/4" Asphalt Concrete Intermediate Course Type 1, PG 64-22	$65.00	$ 32,175.00	$ 64.50	$ 31,927.50	$ 70.00	$ 34,650.00	$ 70.00	$ 34,650.00
145	448	48020	826	TONS	1 1/4" Asphalt Concrete Surface Course Type 1, PG 64-22	$65.00	$ 53,690.00	$ 64.50	$ 53,277.00	$ 70.00	$ 57,820.00	$ 76.00	$ 62,776.00
146	407	20100	951	GAL.	Tack Coat, Trackless Tack Surface Course	$4.00	$ 3,804.00	$ 3.50	$ 3,328.50	$ 2.00	$ 1,902.00	$ 5.00	$ 4,755.00
147	407	20000	951	GAL.	Tack Coat, Trackless Tack Intermediate	$4.00	$ 3,804.00	$ 3.50	$ 3,328.50	$ 2.00	$ 1,902.00	$ 5.00	$ 4,755.00
						Subtotal	$ 117,259.00	***Subtotal***	$ 106,133.10	***Subtotal***	$ 111,378.11	***Subtotal***	$ 121,207.60
						Alternate Total	**$ 117,259.00**	**Alternate Total**	**$ 106,133.10**	**Alternate Total**	**$ 111,378.11**	**Alternate Total**	**$ 121,207.60**
						GRAND TOTAL	**$ 1,748,669.05**	**GRAND TOTAL**	**$ 1,722,487.10**	**GRAND TOTAL**	**$ 1,855,837.97**	**GRAND TOTAL**	**$ 2,063,709.06**