

Athens County Engineer ATH-CR33A-0.00 Paving Project - PID 104035 Bid Tabulation - 9/11/2018					Engineer's Estimate		Nuko Paving Inc.		Shelly & Sands, Inc.	
REF NO.	ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
BASE BID (CR33A, CR71, CR110)										
PAVEMENT										
1	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE	3735	SY	\$ 8.00	\$ 29,880.00	\$ 5.70	\$ 21,289.50	\$ 5.50	\$ 20,542.50
2	407E10000	TACK COAT	24229	GAL	\$ 2.00	\$ 48,458.00	\$ 2.00	\$ 48,458.00	\$ 2.00	\$ 48,458.00
3	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	7011	CY	\$ 144.00	\$ 1,009,584.00	\$ 140.00	\$ 981,540.00	\$ 156.50	\$ 1,097,221.50
4	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	5609	CY	\$ 140.00	\$ 785,260.00	\$ 126.00	\$ 706,734.00	\$ 156.50	\$ 877,808.50
5	617E10100	COMPACTED AGGREGATE	1480	CY	\$ 60.00	\$ 88,800.00	\$ 60.00	\$ 88,800.00	\$ 68.00	\$ 100,640.00
SUB-TOTAL PAVEMENT						\$ 1,961,982.00		\$ 1,846,821.50		\$ 2,144,670.50
TRAFFIC CONTROL										
6	614E12460	WORK ZONE MARKING SIGN	24	EA	\$ 150.00	\$ 3,600.00	\$ 105.00	\$ 2,520.00	\$ 105.00	\$ 2,520.00
7	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	26.34	MILE	\$ 350.00	\$ 9,219.00	\$ 250.00	\$ 6,585.00	\$ 100.00	\$ 2,634.00
8	642E00100	EDGE LINE, 4", TYPE 1	26.34	MILE	\$ 700.00	\$ 18,438.00	\$ 897.75	\$ 23,646.74	\$ 900.00	\$ 23,706.00
9	642E00300	CENTER LINE, TYPE 1	13.17	MILE	\$ 1,200.00	\$ 15,804.00	\$ 1,375.50	\$ 18,115.34	\$ 1,380.00	\$ 18,174.60
10	644E00400	CHANNELIZING LINE, 8"	225	FT	\$ 10.00	\$ 2,250.00	\$ 9.45	\$ 2,126.25	\$ 9.50	\$ 2,137.50
11	644E00500	STOP LINE	155	FT	\$ 20.00	\$ 3,100.00	\$ 19.43	\$ 3,011.65	\$ 19.50	\$ 3,022.50
12	644E01300	LANE ARROW	2	EA	\$ 200.00	\$ 400.00	\$ 262.50	\$ 525.00	\$ 275.00	\$ 550.00
SUB-TOTAL TRAFFIC CONTROL						\$ 52,811.00		\$ 56,529.98		\$ 52,744.60
INCIDENTALS										
13	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 70,000.00	\$ 70,000.00	\$ 69,055.00	\$ 69,055.00	\$ 61,000.00	\$ 61,000.00
14	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 3,207.00	\$ 3,207.00	\$ 3,500.00	\$ 3,500.00	\$ 4,675.00	\$ 4,675.00
15	624E10000	MOBILIZATION	1	LS	\$ 12,000.00	\$ 12,000.00	\$ 15,000.00	\$ 15,000.00	\$ 14,145.00	\$ 14,145.00
16	103E05000	PREMIUM FOR PERFORMANCE BOND AND FOR PAYMENT BOND	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 56,000.00	\$ 56,000.00	\$ 8,650.00	\$ 8,650.00
SUB-TOTAL INCIDENTALS						\$ 95,207.00		\$ 143,555.00		\$ 88,470.00
Total Base Bid Cost =						\$ 2,110,000.00	(-3.0%)	\$ 2,046,906.48	(+8.3%)	\$ 2,285,885.10
ALTERNATE 1 (CR33B)										
PAVEMENT										
17	407E10000	TACK COAT	3944	GAL	\$ 2.00	\$ 7,888.00	\$ 2.00	\$ 7,888.00	\$ 2.00	\$ 7,888.00
18	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	1141	CY	\$ 144.00	\$ 164,304.00	\$ 144.00	\$ 164,304.00	\$ 145.00	\$ 165,445.00
19	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	913	CY	\$ 140.00	\$ 127,820.00	\$ 130.00	\$ 118,690.00	\$ 142.00	\$ 129,646.00
20	617E10100	COMPACTED AGGREGATE	240	CY	\$ 60.00	\$ 14,400.00	\$ 65.00	\$ 15,600.00	\$ 75.00	\$ 18,000.00
SUB-TOTAL PAVEMENT						\$ 314,412.00		\$ 306,482.00		\$ 320,979.00
TRAFFIC CONTROL										
21	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
22	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	3.68	MILE	\$ 350.00	\$ 1,288.00	\$ 250.00	\$ 920.00	\$ 100.00	\$ 368.00
23	642E00100	EDGE LINE, 4", TYPE 1	3.68	MILE	\$ 700.00	\$ 2,576.00	\$ 981.75	\$ 3,612.84	\$ 990.00	\$ 3,643.20
24	642E00300	CENTER LINE, TYPE 1	1.84	MILE	\$ 1,200.00	\$ 2,208.00	\$ 1,501.50	\$ 2,762.76	\$ 1,500.00	\$ 2,760.00
25	644E00500	STOP LINE	15	FT	\$ 20.00	\$ 300.00	\$ 19.43	\$ 291.45	\$ 20.00	\$ 300.00
SUB-TOTAL TRAFFIC CONTROL						\$ 6,672.00		\$ 7,797.05		\$ 8,121.20
INCIDENTALS										
26	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 11,000.00	\$ 11,000.00	\$ 15,046.00	\$ 15,046.00	\$ 8,100.00	\$ 8,100.00
27	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00
28	624E10000	MOBILIZATION	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 3,000.00	\$ 3,000.00	\$ 2,950.00	\$ 2,950.00
SUB-TOTAL INCIDENTALS						\$ 13,500.00		\$ 19,046.00		\$ 11,800.00
Total Alternate 1 Cost =						\$ 334,584.00	(-0.4%)	\$ 333,325.05	(+1.9%)	\$ 340,900.20

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REF NO.	ITEM NO.	ITEM DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
		ALTERNATE 2 (CR25)								
		PAVEMENT								
29	407E10000	TACK COAT	462	GAL	\$ 2.00	\$ 924.00	\$ 2.00	\$ 924.00	\$ 2.10	\$ 970.20
30	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	275	CY	\$ 144.00	\$ 39,600.00	\$ 150.00	\$ 41,250.00	\$ 155.00	\$ 42,625.00
31	617E10100	COMPACTED AGGREGATE	35	CY	\$ 60.00	\$ 2,100.00	\$ 80.00	\$ 2,800.00	\$ 132.00	\$ 4,620.00
		SUB-TOTAL PAVEMENT				\$ 42,624.00		\$ 44,974.00		\$ 48,215.20
		TRAFFIC CONTROL								
32	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
33	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	0.43	MILE	\$ 350.00	\$ 150.50	\$ 250.00	\$ 107.50	\$ 345.00	\$ 148.35
34	642E00100	EDGE LINE, 4", TYPE 1	0.86	MILE	\$ 700.00	\$ 602.00	\$ 1,350.00	\$ 1,161.00	\$ 1,320.00	\$ 1,135.20
35	642E00300	CENTER LINE, TYPE 1	0.43	MILE	\$ 1,200.00	\$ 516.00	\$ 2,650.00	\$ 1,139.50	\$ 2,640.00	\$ 1,135.20
36	644E00500	STOP LINE	15	FT	\$ 20.00	\$ 300.00	\$ 21.50	\$ 322.50	\$ 20.00	\$ 300.00
		SUB-TOTAL TRAFFIC CONTROL				\$ 1,868.50		\$ 2,940.50		\$ 3,768.75
		INCIDENTALS								
37	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 3,537.00	\$ 3,537.00	\$ 1,700.00	\$ 1,700.00
38	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 700.00	\$ 700.00
39	624E10000	MOBILIZATION	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 3,000.00	\$ 3,000.00	\$ 1,945.00	\$ 1,945.00
		SUB-TOTAL INCIDENTALS				\$ 3,500.00		\$ 7,537.00		\$ 4,345.00
Total Alternate 2 Cost =						\$ 47,992.50	(+15.5%)	\$ 55,451.50	(+17.4%)	\$ 56,328.95
		ALTERNATE 3 (CR16)								
		PAVEMENT								
40	407E10000	TACK COAT	1287	GAL	\$ 2.00	\$ 2,574.00	\$ 2.00	\$ 2,574.00	\$ 2.00	\$ 2,574.00
41	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	766	CY	\$ 144.00	\$ 110,304.00	\$ 150.00	\$ 114,900.00	\$ 152.00	\$ 116,432.00
42	617E10100	COMPACTED AGGREGATE	62	CY	\$ 60.00	\$ 3,720.00	\$ 80.00	\$ 4,960.00	\$ 110.00	\$ 6,820.00
		SUB-TOTAL PAVEMENT				\$ 116,598.00		\$ 122,434.00		\$ 125,826.00
		TRAFFIC CONTROL								
43	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
44	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	1.52	MILE	\$ 350.00	\$ 532.00	\$ 250.00	\$ 380.00	\$ 100.00	\$ 152.00
45	642E00300	CENTER LINE, TYPE 1	1.52	MILE	\$ 1,200.00	\$ 1,824.00	\$ 1,085.00	\$ 1,649.20	\$ 1,050.00	\$ 1,596.00
46	644E00500	STOP LINE	10	FT	\$ 20.00	\$ 200.00	\$ 21.50	\$ 215.00	\$ 20.00	\$ 200.00
		SUB-TOTAL TRAFFIC CONTROL				\$ 2,856.00		\$ 2,454.20		\$ 2,998.00
		INCIDENTALS								
47	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 6,711.00	\$ 6,711.00	\$ 3,500.00	\$ 3,500.00
48	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00	\$ 980.00	\$ 980.00
49	624E10000	MOBILIZATION	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 1,250.00	\$ 1,250.00	\$ 1,695.00	\$ 1,695.00
		SUB-TOTAL INCIDENTALS				\$ 6,000.00		\$ 8,761.00		\$ 6,175.00
Total Alternate 3 Cost =						\$ 125,454.00	(+6.5%)	\$ 133,649.20	(+7.6%)	\$ 134,999.00

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ALTERNATE 4 (CR16)										
PAVEMENT										
50	407E10000	TACK COAT	926	GAL	\$ 2.00	\$ 1,852.00	\$ 2.00	\$ 1,852.00	\$ 2.00	\$ 1,852.00
51	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	551	CY	\$ 144.00	\$ 79,344.00	\$ 150.00	\$ 82,650.00	\$ 150.00	\$ 82,650.00
52	617E10100	COMPACTED AGGREGATE	43	CY	\$ 60.00	\$ 2,580.00	\$ 80.00	\$ 3,440.00	\$ 115.00	\$ 4,945.00
SUB-TOTAL PAVEMENT						\$ 83,776.00		\$ 87,942.00		\$ 89,447.00
TRAFFIC CONTROL										
53	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
54	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	1.06	MILE	\$ 350.00	\$ 371.00	\$ 250.00	\$ 265.00	\$ 85.00	\$ 90.10
55	642E00300	CENTER LINE, TYPE 1	1.06	MILE	\$ 1,200.00	\$ 1,272.00	\$ 985.00	\$ 1,044.10	\$ 1,050.00	\$ 1,113.00
56	644E00500	STOP LINE	10	FT	\$ 20.00	\$ 200.00	\$ 18.50	\$ 185.00	\$ 20.00	\$ 200.00
SUB-TOTAL TRAFFIC CONTROL						\$ 2,143.00		\$ 1,704.10		\$ 2,453.10
INCIDENTALS										
57	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 5,124.00	\$ 5,124.00	\$ 2,235.00	\$ 2,235.00
58	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00	\$ 850.00	\$ 850.00
59	624E10000	MOBILIZATION	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,250.00	\$ 1,250.00	\$ 975.00	\$ 975.00
SUB-TOTAL INCIDENTALS						\$ 5,500.00		\$ 7,174.00		\$ 4,060.00
Total Alternate 4 Cost =						\$ 91,419.00	(+5.9%)	\$ 96,820.10	(+5.0%)	\$ 95,960.10
ALTERNATE 5 (CR16)										
PAVEMENT										
60	407E10000	TACK COAT	815	GAL	\$ 2.00	\$ 1,630.00	\$ 2.00	\$ 1,630.00	\$ 2.00	\$ 1,630.00
61	441E50000	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	485	CY	\$ 144.00	\$ 69,840.00	\$ 150.00	\$ 72,750.00	\$ 148.00	\$ 71,780.00
62	617E10100	COMPACTED AGGREGATE	41	CY	\$ 60.00	\$ 2,460.00	\$ 80.00	\$ 3,280.00	\$ 120.00	\$ 4,920.00
SUB-TOTAL PAVEMENT						\$ 73,930.00		\$ 77,660.00		\$ 78,330.00
TRAFFIC CONTROL										
63	614E12460	WORK ZONE MARKING SIGN	2	EA	\$ 150.00	\$ 300.00	\$ 105.00	\$ 210.00	\$ 525.00	\$ 1,050.00
64	614E21500	WORK ZONE CENTER LINE, CLASS II, 642 PAINT	1.01	MILE	\$ 350.00	\$ 353.50	\$ 250.00	\$ 252.50	\$ 100.00	\$ 101.00
65	642E00300	CENTER LINE, TYPE 1	1.01	MILE	\$ 1,200.00	\$ 1,212.00	\$ 1,085.00	\$ 1,095.85	\$ 1,050.00	\$ 1,060.50
66	644E00500	STOP LINE	10	FT	\$ 20.00	\$ 200.00	\$ 21.50	\$ 215.00	\$ 20.00	\$ 200.00
SUB-TOTAL TRAFFIC CONTROL						\$ 2,065.50		\$ 1,773.35		\$ 2,411.50
INCIDENTALS										
67	614E11000	MAINTAINING TRAFFIC	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 5,124.00	\$ 5,124.00	\$ 2,000.00	\$ 2,000.00
68	623E10001	CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN	1	LS	\$ 500.00	\$ 500.00	\$ 800.00	\$ 800.00	\$ 850.00	\$ 850.00
69	624E10000	MOBILIZATION	1	LS	\$ 1,000.00	\$ 1,000.00	\$ 1,250.00	\$ 1,250.00	\$ 975.00	\$ 975.00
SUB-TOTAL INCIDENTALS						\$ 5,500.00		\$ 7,174.00		\$ 3,825.00
Total Alternate 5 Cost =						\$ 81,495.50	(+6.3%)	\$ 86,607.35	(+3.8%)	\$ 84,566.50
TOTAL PROJECT COST =						\$ 2,790,945.00	(-1.4%)	\$ 2,752,759.68	(+7.4%)	\$ 2,998,639.85