

**ST-276: Markham Ave, Mangum St, Roxboro St Medians 2017 Bid Analysis**

No.	Bid Item Description	Units	QTY	Engineers Estimate		Triangle Grading & Paving, Inc.		Carolina Earth Movers, Inc.	
				Unit Price	Cost	Unit Price	Cost	Unit Price	Cost
1	CONSTRUCTION SURVEYING AND STAKEOUT	LS	1	\$20,000.00	\$20,000.00	\$15,500.00	\$15,500.00	\$5,500.00	\$5,500.00
2	SELECT TREE REMOVAL (37" to 48") WITH OVERHEAD UTILITIES	EA	2	\$9,000.00	\$18,000.00	\$1,070.00	\$2,140.00	\$5,000.00	\$10,000.00
3	PLANTING OF TREES (3" WHITE SHIELD MACLURA POMIFERA)	EA	3	\$500.00	\$1,500.00	\$725.00	\$2,175.00	\$350.00	\$1,050.00
4	UNCLASSIFIED EXCAVATION	CY	60	\$50.00	\$3,000.00	\$27.00	\$1,620.00	\$37.50	\$2,250.00
5	PAVEMENT STRUCTURE REMOVAL & STABILIZATION VARIABLE DEPTH (UP TO 12" BELOW EXISTING PAVEMENT)	SY	300	\$20.00	\$6,000.00	\$122.00	\$36,600.00	\$15.00	\$4,500.00
6	REMOVAL OF CONCRETE SIDEWALK OR DRIVEWAY	SY	115	\$15.00	\$1,725.00	\$12.00	\$1,380.00	\$75.00	\$8,625.00
7	SAW CUTTING CONCRETE OR ASPHALT OR BRICK	LF	570	\$5.00	\$2,850.00	\$2.50	\$1,425.00	\$8.00	\$4,560.00
8	REMOVAL OF CONCRETE CURB AND GUTTER	LF	500	\$25.00	\$12,500.00	\$7.50	\$3,750.00	\$7.50	\$3,750.00
9	REMOVAL OF EXISTING BARRIERS AND FLEXIBLE DELINEATORS	LS	1	\$800.00	\$800.00	\$1,220.00	\$1,220.00	\$1,500.00	\$1,500.00
10	GRADING (INCLUDING BACKFILLING)	LS	1	\$30,000.00	\$30,000.00	\$5,500.00	\$5,500.00	\$21,000.00	\$21,000.00
11	MILLING ASPHALT PAVEMENT, 1"DEPTH	SY	748	\$10.00	\$7,480.00	\$8.00	\$5,984.00	\$18.50	\$13,838.00
12	INCIDENTAL ABC STONE	TON	12	\$60.00	\$720.00	\$37.00	\$444.00	\$85.00	\$1,020.00
13	ASPHALT CONC BASE COURSE, TYPE B25.0B	TON	4	\$50.00	\$200.00	\$79.00	\$316.00	\$205.00	\$820.00
14	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	TON	2	\$45.00	\$90.00	\$88.00	\$176.00	\$350.00	\$700.00
15	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	TON	6	\$40.00	\$240.00	\$88.00	\$528.00	\$195.00	\$1,170.00
16	ASPHALT BINDER FOR PLANT MIX-GRADE PG64-22	TON	5	\$360.00	\$1,800.00	\$555.00	\$2,775.00	\$550.00	\$2,750.00
17	2'-6" CONCRETE CURB & GUTTER	LF	370	\$60.00	\$22,200.00	\$19.00	\$7,030.00	\$37.50	\$13,875.00
18	4" CONCRETE SIDEWALK	SY	70	\$45.00	\$3,150.00	\$37.00	\$2,590.00	\$48.00	\$3,360.00
19	SINGLE CONCRETE CURB RAMP (INCLUDES TRUNCATED DOMES)	EA	12	\$1,500.00	\$18,000.00	\$1,300.00	\$15,600.00	\$1,500.00	\$18,000.00
20	DUAL CONCRETE CURB RAMP (INCLUDES TRUNCATED DOMES)	EA	1	\$3,000.00	\$3,000.00	\$2,600.00	\$2,600.00	\$2,800.00	\$2,800.00
21	6" CONCRETE DRIVEWAY	SY	40	\$50.00	\$2,000.00	\$83.00	\$3,320.00	\$85.00	\$3,400.00
22	5" MONOLITHIC CONCRETE ISLANDS(SURFACE MOUNTED)	SY	408	\$30.00	\$12,240.00	\$42.00	\$17,136.00	\$45.00	\$18,360.00
23	ADJUSTMENT OF METER BOXES OR VALVE BOXES OR SEWER SERVICE CLEANOUT	EA	3	\$500.00	\$1,500.00	\$460.00	\$1,380.00	\$550.00	\$1,650.00
24	ADJUSTMENT OF MANHOLES	EA	6	\$1,500.00	\$9,000.00	\$460.00	\$2,760.00	\$550.00	\$3,300.00
25	RELOCATE SEWER SERVICE LATERAL OR WATER SERVICE LATERAL & BOX	EA	2	\$500.00	\$1,000.00	\$7,000.00	\$14,000.00	\$750.00	\$1,500.00
26	STREET SIGNS (REMOVAL, REPLACEMENT, ERECTION/INSTALLATION)	LS	1	\$5,000.00	\$5,000.00	\$7,600.00	\$7,600.00	\$250.00	\$250.00
27	TRAFFIC CONTROL (INCLUDING SIGNS, FLAGGERS, BARRICADES, DETOUR)	LS	1	\$20,000.00	\$20,000.00	\$39,000.00	\$39,000.00	\$15,000.00	\$15,000.00
28	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)	LF	1118	\$2.50	\$2,795.00	\$1.40	\$1,565.20	\$3.03	\$3,387.54
29	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)	LF	1340	\$2.50	\$3,350.00	\$1.65	\$2,211.00	\$3.30	\$4,422.00
30	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	LF	96	\$4.00	\$384.00	\$6.00	\$576.00	\$6.33	\$607.68
31	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	LF	162	\$4.00	\$648.00	\$6.00	\$972.00	\$7.15	\$1,158.30
32	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	LF	303	\$12.00	\$3,636.00	\$14.50	\$4,393.50	\$9.74	\$2,951.22
33	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	EA	4	\$150.00	\$600.00	\$198.00	\$792.00	\$220.00	\$880.00
34	REMOVAL OF PAVEMENT MARKING LINES (4")	LF	1147	\$4.00	\$4,588.00	\$2.00	\$2,294.00	\$2.20	\$2,523.40
35	REMOVAL OF PAVEMENT MARKING LINES (24")	LF	23	\$6.00	\$138.00	\$7.00	\$161.00	\$6.60	\$151.80
36	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	EA	2	\$65.00	\$130.00	\$145.00	\$290.00	\$82.50	\$165.00
37	SEEDING & MULCHING	SY	800	\$5.00	\$4,000.00	\$1.36	\$1,088.00	\$4.25	\$3,400.00
	<b>SUBTOTAL</b>				\$224,264.00		\$208,891.70		\$184,174.94
38	MOBILIZATION (MAXIMUM 5% of SUBTOTAL)	LS	1	\$10,000.00	\$10,000.00	\$11,633.00	\$11,633.00	\$9,208.75	\$9,208.75