

OPINION OF PROBABLE CONSTRUCTION COST
(Bid Plans December 2015)

CENTRAL AVE IMPROVEMENTS					
ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
Roadway					
0101 1	MOBILIZATION	LS	1	\$ 228,894.00	\$ 228,894.00
0102 1	MAINTENANCE OF TRAFFIC	LS	1	\$ 228,894.00	\$ 228,894.00
0104 10 3	SEDIMENT BARRIER	LF	1885	\$ 1.06	\$ 1,998.10
0104 18	INLET PROTECTION SYSTEM	EA	44	\$ 93.60	\$ 4,118.40
0110 1 1	CLEARING & GRUBBING	AC	3.72	\$ 14,180.30	\$ 52,750.72
0110 4	REMOVAL OF EXISTING CONCRETE PAVEMENT	SY	2230	\$ 21.19	\$ 47,253.70
0120 1	REGULAR EXCAVATION	CY	3908	\$ 4.32	\$ 16,882.56
0120 6	EMBANKMENT	CY	813	\$ 10.29	\$ 8,365.77
0160 4	TYPE B STABILIZATION	SY	7547	\$ 4.26	\$ 32,150.22
0162 1 11	PREPARED SOIL LAYER, FINISH SOIL, 6"	SY	533	\$ 0.78	\$ 415.74
0210 1 8	REWORKING LIMESTONE BASE, 4"	SY	155	\$ 8.00	\$ 1,240.00
0285709	OPTIONAL BASE, BASE GROUP 09	SY	5104	\$ 23.73	\$ 121,117.92
0327 70 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY	11693	\$ 4.76	\$ 55,658.68
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	1205.4	\$ 95.88	\$ 115,573.75
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B (OVERBUILD)	TN	470.6	\$ 95.88	\$ 45,121.13
0337 7 42	ASPH CONC FC, TRAFFIC B, FC-9.5, PG 76-22	TN	929.2	\$ 123.34	\$ 114,607.53
0339 1	MISC. ASPHALT PAVEMENT	TN	8.25	\$ 147.17	\$ 1,214.15
0425 1201	INLETS, CURB, TYPE 9, <10	EA	2	\$ 3,124.08	\$ 6,248.16
0425 1203	INLETS, CURB, TYPE 9, J BOT, <10	EA	1	\$ 5,579.36	\$ 5,579.36
0425 1351	INLETS, CURB, TYPE P-5, <10	EA	7	\$ 4,254.44	\$ 29,781.08
0425 1361	INLETS, CURB, TYPE P-6, <10	EA	7	\$ 4,659.70	\$ 32,617.90
0425 1362	INLETS, CURB, TYPE P-6, >10	EA	1	\$ 6,122.39	\$ 6,122.39
0425 1451	INLETS, CURB, TYPE J-5, <10	EA	1	\$ 6,850.44	\$ 6,850.44
0425 1461	INLETS, CURB, TYPE J-6, <10	EA	1	\$ 7,246.66	\$ 7,246.66
0425 1521	INLETS, DT BOT, TYPE C, <10'	EA	8	\$ 2,843.71	\$ 22,749.68
0425 1910	INLETS, CLOSED FLUME	EA	6	\$ 4,223.87	\$ 25,343.22
0425 2 41	MANHOLE, P-7, <10'	EA	8	\$ 3,926.67	\$ 31,413.36
0425 2 43	MANHOLE, P-7, PARTIAL	EA	4	\$ 2,171.76	\$ 8,687.04
0425 2 61	MANHOLE, P-8 <10	EA	1	\$ 3,276.96	\$ 3,276.96
0425 2 71	MANHOLE, J-7, <10'	EA	3	\$ 5,540.76	\$ 16,622.28
0425 2 73	MANHOLE, J-7, PARTIAL	EA	1	\$ 3,315.83	\$ 3,315.83
0425 2 93	MANHOLE, J-8, PARTIAL	EA	1	\$ 4,286.49	\$ 4,286.49
0430175118	PIPE CULV, OPT. MATL, ROUND 18" S/CD	LF	1791	\$ 74.39	\$ 133,232.49
0430175124	PIPE CULV, OPT. MATL, ROUND 24" S/CD	LF	220	\$ 79.27	\$ 17,439.40
0430175130	PIPE CULV, OPT. MATL, ROUND, 30" S/CD	LF	1026	\$ 90.55	\$ 92,904.30
0430175218	PIPE CULV, OPT. MATL, OTHER 18" S/CD	LF	398	\$ 66.31	\$ 26,391.38
0440 1 10	UNDERDRAIN, TYPE I	LF	591	\$ 23.66	\$ 13,983.06
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	5915	\$ 18.21	\$ 107,712.15
0520 2 2	CONCRETE CURB, TYPE B	LF	426	\$ 23.75	\$ 10,115.13
0520 2 4	CONCRETE CURB, TYPE D	LF	4320	\$ 14.96	\$ 64,627.20
0520 2 8	CONCRETE CURB, TYPE RA	LF	302	\$ 33.36	\$ 10,068.05
0522 1	SIDEWALK CONC, 4" THICK	SY	3496	\$ 35.10	\$ 122,709.60
0522 2	SIDEWALK CONC, 6" THICK	SY	176	\$ 45.93	\$ 8,083.68
0526 1 1-A	PAVERS, ARCHITECTURAL, TRUCK APRON	SY	250	\$ 80.00	\$ 20,016.00
0526 1 1-B	PAVERS, ARCHITECTURAL, SPLITTER ISLANDS	SY	135	\$ 80.00	\$ 10,800.00
0526 1 1-C	PERVIOUS PAVERS, ARCHITECTURAL, PARKING	SY	557	\$ 90.00	\$ 50,130.00
550 10 228	FENCING, TYPE B, 5.1-6.0, RESET EXISTING	LF	280	\$ 15.00	\$ 4,200.00
550 60 223	FENCE GATE, TYPE B, DOUBLE, 12.1-18.0' OPENING	EA	1	\$ 1,100.00	\$ 1,100.00
0527 2	DETECTABLE WARNINGS	SF	328	\$ 31.26	\$ 10,253.28
0570 1 2	PERFORMANCE TURF, SOD	SY	533	\$ 2.03	\$ 1,081.99
BIO-S.	BIOSWALES (WATER QUALITY SYSTEM)	EA	6	\$ 20,000.00	\$ 120,000.00

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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
Signing and Marking					
0523 1 3	PATTERNED PAVEMENT, VEHICULAR AREAS, GREEN BIKE LANE	SY	744	\$ 50.00	\$ 37,200.00
0700 1 11	SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS	39	\$ 326.92	\$ 12,749.88
0700 1 50	SINGLE POST SIGN, RELOCATE	AS	3	\$ 271.70	\$ 815.10
0700 1 60	SINGLE POST SIGN, REMOVE	AS	1	\$ 21.80	\$ 21.80
0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	142	\$ 3.73	\$ 529.66
0711 11123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	2026	\$ 2.22	\$ 4,497.72
0711 11124	THERMOPLASTIC, STD, WHITE, SOLID, 18"	LF	30	\$ 3.42	\$ 102.60
0711 11125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	2201	\$ 4.45	\$ 9,794.45
0711 11141	THERMOPLASTIC, STD, WHITE, 2-4 DOTTED GUIDELINE / 6-10 DOTTED EXTENSION LINE, 6"	GM	0.769	\$ 2,484.73	\$ 1,910.76
0711 11160	THERMOPLASTIC, STD, WHITE, MESSAGE	EA	8	\$ 128.81	\$ 1,030.48
0711 11170	THERMOPLASTIC, STD, WHITE, ARROW	EA	19	\$ 61.84	\$ 1,174.96
0711 11180	THERMOPLASTIC, STD, WHITE, YIELD LINE	LF	111	\$ 10.79	\$ 1,197.69
0711 11224	THERMOPLASTIC, STD, YELLOW, SOLID, 18"	LF	149	\$ 3.34	\$ 497.66
0711 11241	THERMOPLASTIC, STD, YELLOW, 2-4 DOTTED GUIDELINE / 6-10 DOTTED EXTENSION LINE, 6"	GM	0.129	\$ 1,609.20	\$ 207.59
0711 11421	THERMOPLASTIC, STD, BLUE, SOLID, 6"	LF	56	\$ 1.46	\$ 81.76
0711 14160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	22	\$ 237.28	\$ 5,220.16
0711 14170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA	21	\$ 117.58	\$ 2,469.18
0711 16101	THERMOPLASTIC, STD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.615	\$ 4,045.84	\$ 6,534.03
0711 16102	THERMOPLASTIC, STD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.047	\$ 5,963.75	\$ 280.30
0711 16131	THERMOPLASTIC, STD-OTHER SURFACES, WHITE, SKIP, 6"	GM	0.030	\$ 1,332.31	\$ 39.97
0711 16201	THERMOPLASTIC, STD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.093	\$ 4,085.89	\$ 4,465.88
0711 16202	THERMOPLASTIC, STD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.020	\$ 5,212.09	\$ 104.24
Signalization					
0630 2 11	CONDUIT, F&I, OPEN TRENCH	LF	750	\$ 5.67	\$ 4,252.50
0630 2 12	CONDUIT, F&I, DIRECTIONAL BORE	LF	275	\$ 24.37	\$ 6,701.75
0632 7 1	SIGNAL CABLE, FURNISH & INSTALL	PI	1	\$ 8,272.84	\$ 8,272.84
0635 2 11	PULL & SPLICE BOX, F&I, 13"X24" COVER SIZE	EA	14	\$ 547.99	\$ 7,671.86
0641 2 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL, POLE 30' & GREATER	EA	1	\$ 1,960.27	\$ 1,960.27
0646 1 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	2	\$ 1,058.62	\$ 2,117.24
0646 1 60	ALUMINUM SIGNALS POLE, REMOVE	EA	2	\$ 233.31	\$ 466.62
0649 31102	MAST ARM, F&I, WIND SPEED-150, SINGLE ARM, W/O LUMINAIRE - 46	EA	1	\$ 28,085.05	\$ 28,085.05
0649 31108	MAST ARM, F&I, WIND SPEED-150, SINGLE ARM, WITH LUMINAIRE - 60	EA	1	\$ 37,000.00	\$ 37,000.00
0649 36300	MAST ARM, REMOVE SHALLOW FOUNDATION, BOLT ON ATTACHMENT	EA	2	\$ 2,456.06	\$ 4,912.12
0650 1 14	TRAFFIC SIGNAL, F&I, 3 SECTION, 1 WAY, ALUMINUM	AS	6	\$ 1,012.97	\$ 6,077.82
0650 1 18	TRAFFIC SIGNAL, F&I, 5 SECTION STRAIGHT, 1 WAY, ALUMINUM	AS	1	\$ 1,710.00	\$ 1,710.00
0650 1 70	TRAFFIC SIGNAL, RELOCATE	AS	2	\$ 220.34	\$ 440.68
0653 1 12	PEDESTRIAN SIGNAL, F&I, LED COUNTDOWN, 2 WAY	AS	2	\$ 1,190.37	\$ 2,380.74
0660 2 102	LOOP ASSEMBLY, F&I, TYPE B	AS	12	\$ 664.18	\$ 7,970.16
0660 2 106	LOOP ASSEMBLY, F&I, TYPE F	AS	9	\$ 1,011.30	\$ 9,101.70
0665 1 11	PEDESTRIAN DETECTOR, F&I, STANDARD	EA	3	\$ 204.18	\$ 612.54
0670 5400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	1	\$ 3,498.67	\$ 3,498.67
0682 1 400	ITS CCTV CAMERA, RELOCATE	EA	1	\$ 2,495.00	\$ 2,495.00
0700 5 22	INTERNALLY ILLUMINATED SIGN, F&I, OVERHEAD MOUNT, 12-18 SF	EA	2	\$ 3,363.93	\$ 6,727.86
Lighting					
0630 2 11	CONDUIT, F&I, OPEN TRENCH	LF	3525	\$ 5.67	\$ 19,986.75
0630 2 12	CONDUIT, F&I, DIRECTIONAL BORE	LF	1505	\$ 24.37	\$ 36,676.85
0635 2 11	PULL & SPLICE BOX, F&I, 13"X24" COVER SIZE	EA	42	\$ 547.99	\$ 23,015.58
0715 1 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 8-6	LF	19540	\$ 1.03	\$ 20,126.20
0715 1 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 4-2	LF	160	\$ 1.85	\$ 296.00
0715 1 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	1395	\$ 0.20	\$ 279.00
0715 7 11	LOAD CENTER, F&I SECONDARY VOLTAGE	EA	1	\$ 12,036.74	\$ 12,036.74
0715 11 118	LUMINAIRE, F&I, ROADWAY, FLOOD	EA	4	\$ 1,190.51	\$ 4,762.04
0715-516-115	LIGHT POLE COMPLETE-SPECIAL DESIGN, F&I, POLE TOP MOUNT, ALUMINUM, CUSTOM HEIGHT	EA	31	\$ 6,450.00	\$ 199,950.00
0715-540-000	LIGHT POLE COMPLETE-SPECIAL DESIGN, RELOCATE	EA	5	\$ 1,750.00	\$ 8,750.00
0715-550-000	LIGHT POLE COMPLETE-SPECIAL DESIGN, REMOVE	EA	3	\$ 303.70	\$ 911.10

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ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
Utilities					
1050 11222	2-4.9" PVC Pipe (F&I) - PROPOSED 2" & 4"	LF	125	\$ 69.45	\$ 8,681.25
1050 11223	5-7.9" PVC Pipe (F&I) - PROPOSED 6"	LF	625	\$ 74.17	\$ 46,356.25
1050 11224	8-19.9" PVC Pipe (F&I) - PROPOSED 8", 12", 16", 18"	LF	2010	\$ 85.80	\$ 172,458.00
1050 11424	8-19.9" DI PIPE (F&I) - PROPOSED 8"	LF	80	\$ 88.64	\$ 7,091.20
1050 11324	8-19.9" PE Pipe (F&I) - PROPOSED 10" (Directional Drill)	LF	375	\$ 124.43	\$ 46,661.25
1050 18002	2-4.9" Plug & Out of Service - 2" & 4"	LF	1021	\$ 12.00	\$ 12,252.00
1050 18003	5-7.9" Plug & Out of Service - 6"	LF	1235	\$ 12.44	\$ 15,363.40
1050 18004	8-19.9" Plug & Out of Service - 16"	LF	120	\$ 13.33	\$ 1,599.60
1080 11207	UTILITY FIXTURES, F&I, 2-4.9", LINE STOP	EA	1	\$ 2,544.00	\$ 2,544.00
1080 11307	UTILITY FIXTURES, F&I, 5-7.9", LINE STOP	EA	4	\$ 4,383.13	\$ 17,532.52
1080 11407	UTILITY FIXTURES, F&I, 8-19.9", LINE STOP	EA	3	\$ 5,312.21	\$ 15,936.63
1055 11414	UTILITY FITTING, F&I, DI/CI, ELBOW, 8-19.9"	EA	65	\$ 1,279.75	\$ 83,183.75
1055 11424	UTILITY FITTINGS, F&I, DI/CI, TEE, 8 - 19.9"	EA	17	\$ 1,376.91	\$ 23,407.47
1055 11454	8-19" UTILITY FITTINGS (F&I) PLUG/CAP	EA	2	\$ 712.37	\$ 1,424.74
1080 11404	UTIL FIXT, F&I, 8-19.9", VALVE ASSEMBLY	EA	32	\$ 3,212.59	\$ 102,802.88
1080 11409	UTIL FIXT, F&I, 8-19.9", MECH JONT RESTR	EA	260	\$ 264.24	\$ 68,702.40
1644113 08	FIRE HYDRANT, F&I, STD, 2 HOSE, 1 PUMP, 6"	EA	5	\$ 4,187.06	\$ 20,935.30
-	Long Water Services	EA	8	\$ 1,750.00	\$ 14,000.00
-	Short Water Services	EA	10	\$ 750.00	\$ 7,500.00
Landscaping					
<i>SINGLE TRUNK PALMS - LARGE PLANTS</i>					
580-1-2	ARCHONTOPHOENIX CUNNINGHAMIANA (PICCABEEN PALM)	EA	29	\$ 1,200.00	\$ 34,800.00
580-1-2	ROYSTONEA REGIA (ROYAL PALM)	EA	63	\$ 1,500.00	\$ 94,500.00
580-1-2	ADONIDIA MERRILLII (CHRISTMAS PALM)	EA	45	\$ 700.00	\$ 31,500.00
<i>TREES - LARGE PLANS</i>					
580-1-2	QUERCUS VIRGINIANA `HIGH RISE` (HIGH RISE SOUTHERN LIVE OAK)	EA	17	\$ 2,000.00	\$ 34,000.00
580-1-2	TAXODIUM DISTICHUM (BALD CYPRESS)	EA	9	\$ 1,050.00	\$ 9,450.00
<i>SHRUBS - SMALL AND LARGE PLANTS</i>					
580-1-2	CHRYSOBALANUS ICACO `RED TIP` (RED TIP COCOPLUM)	EA	232	\$ 45.00	\$ 10,440.00
580-1-1	DIANELLA TASMANICA `VARIEGATA` (FLAX LILY)	EA	675	\$ 18.00	\$ 12,150.00
580-1-1	IXORA COCCINEA `NORA GRANT` (RED IXORA)	EA	692	\$ 10.50	\$ 7,266.00
580-1-1	SCHEFFLERA ARBORICOLA `TRINETTE` (VARIEGATED SCHEFFLERA)	EA	505	\$ 11.00	\$ 5,555.00
580-1-1	DURANTA REPANS `GOLD MOUND` (GOLDEN DEWDROP DURANTA)	EA	101	\$ 15.00	\$ 1,515.00
580-1-1	FICUS MICROCARPA `GREEN ISLAND` (GREEN ISLAND FICUS)	EA	3019	\$ 15.00	\$ 45,285.00
580-1-1	JUNIPERUS CHINENSIS `PARSONII` (CHINESE JUNIPER)	EA	488	\$ 13.50	\$ 6,588.00
580-1-1	NEOREGELIA X `ROYAL BURGANDY` (ROYAL BURGANDY BROMELIAD)	EA	186	\$ 25.00	\$ 4,650.00
<i>ANNUALS</i>					
580-1-1	ANNUALS	EA	308	\$ 7.00	\$ 2,156.00
<i>ORNAMENTAL GRASSES - SMALL PLANTS</i>					
580-1-1	MUHLENBERGIA CAPILLARIS (PINK MUHLY)	EA	503	\$ 5.00	\$ 2,515.00
580-1-1	SPARTINA BAKERI (SAND CORD GRASS)	EA	156	\$ 6.00	\$ 936.00
<i>SOIL AMENDMENTS</i>					
-	BOLD & GOLD	CY	48	\$ 53.00	\$ 2,544.00
Irrigation					
0590 70	IRRIGATION SYSTEM	LS	1	\$ 82,000.00	\$ 82,000.00
CENTRAL AVE IMPROVEMENTS					
SUBTOTAL (DOES NOT INCLUDE MOBILIZATION & MOT)					\$ 3,269,911.10
MOBILIZATION & MOT					\$ 457,788.00
O.P.C. SUBTOTAL					\$ 3,727,699.10
10% Contingency					\$ 372,769.91
ESTIMATED O.P.C. TOTAL					\$ 4,100,469.01

The Engineer has no control over the cost of labor, materials, equipment, or over the Contractor's methods of determining prices or over competitive bidding or market conditions. Opinions of probable costs provided herein are based on the information known to Engineer at this time and represent only the Engineer's judgment as a design professional familiar with the construction industry. The Engineer cannot and does not guarantee that proposals, bids, or actual construction costs will not vary from its opinions of probable costs.