

**Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities**

Letting: CT190522 Call Order: 001 Proposal: T5668 District:05
 Counties: SEMINOLE
 Road Name: SR 400 (I-4) AND EE WILLIAMSON RD
 Limits: FROM E OF SR 434 TO W OF LAKE MARY BLVD AND FROM SUNSHINE TREE BLVD TO E OF PENELOPE DR

Project(s): 43968235201(*) Federal Aid No: D518113B
 Project(s): 43968245201 Federal Aid No: N/A
 Project(s): 43968245202 Federal Aid No: N/A
 Project(s): 43968245602 Federal Aid No: N/A

Total Roadway Length:	3.020 Miles	Contract Days:	510
Total Bridge Length:	0.056 Miles	Letting Date:	05/22/19
Total Proposal Length:	3.076 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30 Calendar Days

Proposal Budget Estimate: \$16,234,226.00

Please read the full advertisement

Description:

The improvements under this contract consist of roadway widening, milling and resurfacing, drainage improvements, signing and pavement marking, lighting, and ITS on Eastbound SR 400 (I-4) and new bridge construction, roadway reconstruction, roadway widening, milling and resurfacing, drainage improvements, curb and gutter, sidewalk, signing and pavement marking, ITS, Lighting, and utility work on EE Williamson Rd.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43968245201)	LS	1.000
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	668.900
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	160.700
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	121.700
	0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	273.400
	0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY	2,630.000
	0400-147-	COMPOSITE NEOPRENE PADS	CF	12.400
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	116,890.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	90,348.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	31,740.000
	0450- 2- 63	PREST BEAMS: FLORIDA-I BEAM 63"	LF	3,287.000
	0451- 70-	PREST SOIL ANCHORS	EA	40.000
	0455- 34- 5	PRESTRESSED CONCRETE PILING, 24" SQ	LF	1,970.000
	0455- 35- 6	STEEL PILING, HP 14 X 89	LF	3,634.000
	0455-133- 2	SHEET PILING STEEL, TEMPORARY-CRITICAL	SF	18,272.000
	0455-143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF	215.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	145.000
	0459- 71-	PILES, POLYETHYLENE SHEETING	SY	378.000
	0520- 5- 21	TRAFFIC SEPARATOR - CONCRETE, TYPE II, 4' WIDE	LF	329.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	728.000

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	0521- 6- 11	CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 27" HEIGHT	LF	728.000
	0521- 6- 32	CONCRETE PARAPET, RETAINING WALL SYSTEM MOUNTED	LF	606.000
	0521- 8- 4	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 42" VERTICAL FACE	LF	114.000
	0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	20,458.000
	0548- 13-	RETAINING WALL SYSTEM, TEMPORARY, EXCLUDING BARRIER	SF	7,003.000
	0550- 10-344	FENCING, TYPE R, 7.1-8.0, W / PARTIAL ENCLOSURE	LF	728.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43968235201)	LS	1.000
	0101- 1-	MOBILIZATION (43968245202)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43968235201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43968245202)	LS	1.000
	0102- 2- 1	SPECIAL DETOUR 1 (43968235201)	LS	1.000
	0102- 2- 2	SPECIAL DETOUR 2 (43968235201)	LS	1.000
	0102- 2- 3	SPECIAL DETOUR 3 (43968235201)	LS	1.000
	0102- 2- 4	SPECIAL DETOUR 4 (43968235201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	2,080.000
	0102- 60-	WORK ZONE SIGN	ED	16,347.000
	0102- 61-	BUSINESS SIGN	EA	2.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	9,289.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	4,990.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	8,911.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	33,824.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	47.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	49.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	100.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	1,961.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	16.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,285.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	200.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	200.000
	0104- 10- 3	SEDIMENT BARRIER	LF	10,059.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	59.000
	0107- 1-	LITTER REMOVAL	AC	1,080.680
	0107- 2-	MOWING	AC	1,077.920
	0110- 1- 1	CLEARING & GRUBBING (43968235201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43968245202)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	2,853.000
	0120- 1-	REGULAR EXCAVATION	CY	45,399.000
	0120- 6-	EMBANKMENT	CY	34,367.000
	0160- 4-	TYPE B STABILIZATION	SY	46,530.000
	0285-705-	OPTIONAL BASE, BASE GROUP 05	SY	14,610.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	4,117.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10	SY	22,341.000
	0286- 1-	TURNOUT CONSTRUCTION	SY	37.000

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ALT	Item	Description	Unit	Quantity
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	19,057.000
	0327- 70- 11	MILLING EXIST ASPH PAVT, 2 1/4" AVG DEPTH	SY	58,908.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	339.200
	0334- 1- 14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	TN	180.800
	0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	2,454.500
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	177.100
	0334- 1- 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN	10,407.700
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	3,245.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	814.100
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	214.400
	0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	19.500
	0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	3.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	1.000
	0425- 1-511	INLETS, DT BOT, TYPE B, <10'	EA	5.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	4.000
	0425- 1-529	INLETS, DT BOT, TYPE C, MODIFY	EA	1.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	2.000
	0425- 1-571	INLETS, DITCH BOTTOM, TYPE G, <10'	EA	5.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	9.000
	0425- 1-703	INLETS, GUTTER, TYPE S, J BOTTOM <10'	EA	13.000
	0425- 1-881	INLETS, BARRIER WALL, RIGID, CURB & GUTTER, <=10'	EA	3.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	2.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	8.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	1.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	2.000
	0425- 2- 92	MANHOLES, J-8, >10'	EA	2.000
	0425- 6-	VALVE BOXES, ADJUST	EA	1.000
	0425- 11-	MODIFY EXISTING DRAINAGE STRUCTURE	EA	1.000
	0430-174-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD	LF	22.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	843.000
	0430-174-136	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 36"SD	LF	282.000
	0430-174-215	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 15"SD	LF	7.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	56.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	2,075.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	780.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	1,317.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	2,625.000
	0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	36.000
	0430-175-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	26.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	1.000

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	0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000
	0430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	EA	2.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	1.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	1,887.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	30.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	122.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	3,815.000
	0521- 72- 43	SHOULDER CONCRETE BARRIER, CURB AND GUTTER BARRIER	LF	760.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2,186.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	95.000
	0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	354.000
	0527- 2-	DETECTABLE WARNINGS	SF	123.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	38.000
	0534- 72-101	SOUND/NOISE BARRIER-INC FOUNDATION, PERMANENT	SF	43,780.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	487.000
	0536- 73-	GUARDRAIL REMOVAL	LF	861.000
	0538- 1-	GUARDRAIL RESET	LF	1,768.000
	0544- 75- 1	CRASH CUSHION	EA	2.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	5.133
	0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	15.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	88,005.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	135.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	440.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	1.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	7.000
	0695- 3- 11	TRAFFIC MONITORING SITE SPEED/CLASSIFICATION UNIT, FURNISH & INSTALL, VOLUME SPEED AND CLASSIFICATION	AS	1.000
	0695- 5- 1	TRAFFIC MONITORING SITE SOLAR POWER UNIT, FURNISH & INSTALL	EA	1.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	7.000
	0695- 7-143	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 4, POLEMOUNT	EA	1.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	1.000
	0695- 8- 11	TRAFFIC MONITORING SITE COMMUNICATIONS MODEM FURNISH & INSTALL	EA	1.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	5.675
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	674.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	557.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	5.154
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.030

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	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	12.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	16.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	5.705
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	740.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43968235201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43968245202)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	16.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	2.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	67.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	8.000
	0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	1.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	2.000
	0700- 2- 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	1.000
	0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	3.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	5.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	3.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	2.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	2.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	2.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	2.000
	0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	2.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	2.000
	0700- 4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA	2.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	48.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43968235201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43968245202)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.263
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	591.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	496.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.030
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	13.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	550.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	8.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	8.000

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	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	2.825
	0711- 15-133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	8.348
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	2.814
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.690
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.820
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.114
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.228
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,778.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,717.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	535.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	22.000
	0635- 3- 11	JUNCTION BOX, FURNISH & INSTALL, AERIAL	EA	12.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	16,170.000
	0715- 4- 14	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT	EA	18.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	8.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000
	0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	8.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	18.000
	0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	8.000
Section 0005 Utilities				
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43968245602)	LS	1.000
	1050- 16-001	UTILITY PIPE,REMOVE & DISPOSE, 0 - 1.9"	LF	65.000
	1050- 16-002	UTILITY PIPE,REMOVE & DISPOSE, 2-4.9"	LF	210.000
	1050- 16-004	UTILITY PIPE,REMOVE & DISPOSE, 8-19.9"	LF	72.000
	1050- 41-202	UTILITY PIPE- POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 2"	LF	210.000
	1050- 51-210	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 10"	LF	92.000
	1055- 11-414	UTILITY FITTINGS, F&I, DI/CI, ELBOW, 8 - 19.9"	EA	4.000
	1080- 21-500	UTILITY FIXTURE, VALVE/METER BOX, ADJUST	EA	1.000
	1080- 24-102	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 2"	EA	1.000
	1080- 24-110	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 10"	EA	1.000
	1644-113- 08	FIRE HYDRANT, F&I, STANDARD, 2 HOSE, 1PUMPER, 6"	EA	1.000
	1644-900-	FIRE HYDRANT, REMOVE	EA	1.000
Section 0006 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,405.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,372.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	10.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	1,092.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	858.000

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	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	5,303.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	5,490.000
	0633- 1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 97 - 144 FIBERS	LF	696.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	18.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	9,275.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	182.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	492.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	3.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	57.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	1.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	7.000
	0633- 8- 4	MULTI-CONDUCTOR COMMUNICATION CABLE, RELOCATE	LF	10.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	1.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	8.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	2.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 1-610	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	421.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	380.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	2.000
	0639- 3- 60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0641- 2- 13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	EA	1.000
	0641- 2- 14	PRESTRESSED CONCRETE POLE, F&I, TYPE P-IV	EA	1.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	2.000
	0660- 3- 42	VEHICLE DETECTION SYSTEM - MICROWAVE, RELOCATE, ABOVE GROUND EQUIPMENT	EA	1.000
	0660- 3- 52	VEHICLE DETECTION SYSTEM - MICROWAVE, ADJUST & MODIFY, ABOVE GROUND EQUIPMENT	EA	6.000
	0676- 2-400	ITS CABINET, RELOCATE	EA	1.000
	0682- 1-400	ITS CCTV CAMERA, RELOCATE	EA	1.000