

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 04201002 Call Order: 001 Proposal: E4U25 District:04

Counties: MARTIN

Road Name: SR-714/SW MARTIN HWY

Limits: 89090000

Project(s): 43687015201(*) Federal Aid No: N/A

Total Roadway Length:	2.101 Miles	Contract Days:	980
Total Bridge Length:	0.038 Miles	Letting Date:	10/02/20
Total Proposal Length:	2.139 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	15

Proposal Budget Estimate: \$23,948,500.00

Please read the full advertisement

Description:

The Improvements under this Contract consists of but are not limited to, bridge number 890159 superstructure (removal, widening), retaining wall (MSE, cast in place soldier pile, critical temporary, non-critical temporary), concrete (bridge superstructure, approach slabs, retaining walls, mass, gravity wall, ditch pavement, traffic railing, traffic separator, median barrier, parapet bicycle/pedestrian with bullet rail, sidewalk and driveways), riprap, piles (prestressed, polyethelene sheet), guardrail (pipe rail, transitions, end treatment, removal), widening, milling and resurfacing, drainage improvements (inlets, manholes, culvert, endwalls, U-endwalls with baffles/grates, mitered end), traffic monitoring sites, lighting (service poles, light poles, service), fencing (Type A, Type B, Type R, gates), monitoring (inspection and settlement, vibration), signing (single-post, multi-post), pavement markings (object markers, thermoplastic, painted, permanent tape, removable tape, rumble strips), fiber optic, signalization (mast arms, pole, vehicular and pedestrian detection, ITS), landscaping, and sod along State Road 714 (SW Martin Highway) from Country Road 76A (Citrus Boulevard) easterly 1.127 miles to SW Martin Downs Boulevard in the city of Palm City and in unincorporated Martin County.

Pre-Qualified: Contractor must be pre-qualified.

Performance Bond: A Contract / Performance bond is required for this project.

Commercial General Liability Insurance: Special liability apply. Please, read 7-13.2 and 7-13.4 from the Specs Package.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43687015201 Bridge # 890159)	LS	1.000
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	307.800
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	94.500
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	83.700
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	71.500
	0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	40.500
	0400- 7- 1	BRIDGE DECK GROOVING	SY	826.000
	0400-143-	CLEANING & COATING CONCRETE SURFACE, CLASS 5	SF	14,972.000
	0400-147-	COMPOSITE NEOPRENE PADS	CF	7.100
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	5,789.000
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	87,268.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	29,784.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	14,860.000
	0450- 2- 54	PREST BEAMS: FLORIDA-I BEAM 54"	LF	595.000

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ALT	Item	Description	Unit	Quantity
	0455- 34- 3	PRESTRESSED CONCRETE PILING, 18" SQ	LF	1,071.000
	0455- 35-108	STEEL PILING, HP 18 X 135 BUILT-UP, PROJECT 436870-1-52-01	LF	1,392.000
	0455-133- 2	SHEET PILING STEEL, TEMPORARY-CRITICAL	SF	2,379.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	3,162.000
	0455-143- 3	TEST PILES-PRESTRESSED CONCRETE,18" SQ	LF	264.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	98.000
	0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF	49.000
	0458- 1- 22	BRIDGE DECK EXPANSION JOINT, REHABILITATION, STRIP SEAL	LF	76.000
	0459- 71-	PILES, POLYETHYLENE SHEETING	SY	134.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	246.000
	0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	22,855.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43687015201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43687015201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43687015201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43687015201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	472.500
	0102- 4-	PEDESTRIAN SPECIAL DETOUR (43687015201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	3,244.000
	0102- 30- 16	TEMPORARY HIGHWAY LIGHTING, PROJECT 436870-1-52-01	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	190,622.000
	0102- 61-	BUSINESS SIGN	EA	11.000
	0102- 62-	BARRIER MOUNTED WORK ZONE SIGN- INDEX 11871/700-013	ED	5,180.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	10,951.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	1,218.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	4,261.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	45,527.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	1,600.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	239,234.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	8,350,118.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	5,880.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	3,823.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	12.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	14,616.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,826.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,826.000
	0102-115-	TYPE III BARRICADE	ED	6,216.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	2,072.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	2,072.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	0.184
	0102-913- 31	REMOVABLE TAPE, YELLOW, SOLID, 6"	GM	0.380

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ALT	Item	Description	Unit	Quantity
	0104- 10- 3	SEDIMENT BARRIER	LF	14,369.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	101.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	2,019.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	2.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	7.000
	0107- 1-	LITTER REMOVAL	AC	706.150
	0107- 2-	MOWING	AC	577.950
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43687015201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43687015201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43687015201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	5,349.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	3.000
	0110- 21-	TREE PROTECTION BARRIER	LF	4,050.000
	0120- 1-	REGULAR EXCAVATION	CY	104,134.000
	0120- 4-	SUBSOIL EXCAVATION	CY	2,513.000
	0120- 6-	EMBANKMENT	CY	79,628.000
	0160- 4-	TYPE B STABILIZATION	SY	48,934.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	1,635.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	39,914.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	36,751.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	495.500
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	32,360.300
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	438.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	5,947.900
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	144.600
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	11.400
	0425- 1-201	INLETS, CURB, TYPE 9, <10'	EA	2.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	36.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	11.000
	0425- 1-362	INLETS, CURB, TYPE P-6, >10'	EA	2.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	7.000
	0425- 1-452	INLETS, CURB, TYPE J-5, >10'	EA	3.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	2.000
	0425- 1-462	INLETS, CURB, TYPE J-6, >10'	EA	1.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	6.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	12.000
	0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	1.000
	0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA	5.000
	0425- 1-559	INLETS, DT BOT, TYPE E, MODIFY	EA	1.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	4.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	1.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	3.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	13.000

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ALT	Item	Description	Unit	Quantity
	0425- 2- 92	MANHOLES, J-8, >10'	EA	4.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	209.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	97.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	14.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	2,924.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	2,012.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	778.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	1,510.000
	0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	891.000
	0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	312.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	1,632.000
	0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	960.000
	0430-175-236	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 36"S/CD	LF	249.000
	0430-175-242	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 42"S/CD	LF	660.000
	0430-175-248	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 48"S/CD	LF	498.000
	0430-530-100	STRAIGHT CONCRETE ENDWALLS, 30", SINGLE, 0 DEGREES, ROUND	EA	2.000
	0430-542-100	STRAIGHT CONCRETE ENDWALLS, 42", SINGLE, 0 DEGREES, ROUND	EA	2.000
	0430-548-100	STRAIGHT CONCRETE ENDWALLS, 48", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0430-611-329	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:2 SLOPE, 24"PIPE	EA	2.000
	0430-612-129	U-ENDWALL WITH GRATE, INDEX 261/430-011, 1:4 SLOPE, 24"PIPE	EA	1.000
	0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	38.600
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	5.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	2.000
	0430-982-625	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 18" CD	EA	4.000
	0430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	EA	1.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	6.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	4.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	1,406.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	73.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	22,246.000
	0520- 5- 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	205.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	141.000
	0521- 1- 14	MEDIAN CONCRETE BARRIER, VARIABLE SECTION WIDTH FOR SIGN OR PIER SHIELDING	LF	108.000
	0521- 6- 11	CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 27" HEIGHT	LF	1,203.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	296.000
	0521- 72- 43	SHOULDER CONCRETE BARRIER, CURB AND GUTTER BARRIER	LF	659.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	6,666.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	687.000
	0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	780.000

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	0527- 2-	DETECTABLE WARNINGS	SF	296.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	92.700
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	810.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	629.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	2.000
	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, NEW BRIDGE OR CONCRETE BARRIER, APPROACH TL-3	EA	1.000
	0536- 8-113	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, NEW BRIDGE OR CONCRETE BARRIER, TRAILING	EA	1.000
	0536- 8-123	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, EXISTING BRIDGE, TRAILING	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	1,435.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	2.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	0.920
	0550- 10-110	FENCING, TYPE A, 0.0-5.0', STANDARD	LF	5,973.000
	0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	600.000
	0550- 10-353	FENCING, TYPE R, 8.1 - 10.0', WITH FULL ENCLOSURE	LF	494.000
	0550- 60-112	FENCE GATE, TYPE A, SINGLE, 6.1-12.0' OPENING	EA	3.000
	0550- 60-125	FENCE GATE, TYPE A, DOUBLE, 20.1-24.0' OPENING	EA	3.000
	0570- 1- 1	PERFORMANCE TURF	SY	78,904.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	21,713.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	90.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	3.000
	0646- 2-120	ALUMINUM POLE- INDEX 17900/695-001, FURNISH & INSTALL, 20'	EA	2.000
	0646- 2-600	ALUMINUM POLE- INDEX 17900/695-001, REMOVE	EA	2.000
	0695- 5- 1	TRAFFIC MONITORING SITE SOLAR POWER UNIT, FURNISH & INSTALL	EA	2.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	3.000
	0695- 7-143	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 4, POLEMOUNT	EA	2.000
	0695- 8- 11	TRAFFIC MONITORING SITE COMMUNICATIONS MODEM FURNISH & INSTALL	EA	2.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	22.460
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.213
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	5,686.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	18.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	2,242.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.157
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.813

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	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	52.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	338.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	21.756
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	6,803.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.058
	0999- 16-	PARTNERING, DO NOT BID (43687015201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	33.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43687015201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	51.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	19.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	2.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	63.000
	0700- 1- 87	SINGLE POST SIGN, REPAIR- REPLACE POST, USE EXISTING SIGN PANEL	AS	1.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	2.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	1.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	4.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	2.000
	0705- 10- 2	OBJECT MARKER, TYPE 2	EA	2.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	13.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	181.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43687015201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.159
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	2,174.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	198.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	551.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.791
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	6.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	106.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	791.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.060
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,143.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	48.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	48.000

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	0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	1.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	0.596
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.703
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.597
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	7.386
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.504
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1.911
	0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.120
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	4.491
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.185
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.097
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.093
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.097
	0920-714- 1	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE, PROJECT 436870-1-52-01	SF	9,450.000
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	8,135.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,443.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	1,241.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	89.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	9.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	1.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	185.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	55,362.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	2,986.000
	0715- 1- 15	LIGHTING CONDUCTORS, F&I, NO.1/0 - 3/0 (0 to 000)	LF	816.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	17,344.000
	0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	11.000
	0715- 4- 14	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT	EA	63.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	35.000
	0715- 4- 71	LIGHT POLE COMPLETE, REMOVE POLE, FOUNDATION REMAINS	EA	2.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000
	0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	74.000

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ALT	Item	Description	Unit	Quantity
Section 0005 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	4,975.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,185.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	2.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	2.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	200.000
	0633- 1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 97 - 144 FIBERS	LF	6,085.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	5,100.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	324.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	96.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	4.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	5.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	276.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	9.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	9.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	9.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	56.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	11.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	4.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000
	0639- 1-620	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	105.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	210.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	2.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	16.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	8.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	3.000
	0649- 21- 12	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-40'	EA	1.000
	0649- 21- 13	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 60'-50'	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 21- 25	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-60'	EA	1.000
	0649- 21- 26	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-70'	EA	1.000
	0649- 26- 1	STEEL MAST ARM ASSEMBLY, REMOVE, POLE ONLY- ENTIRE FOUNDATION REMAINS	EA	1.000

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ALT	Item	Description	Unit	Quantity
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	EA	4.000
	0649- 26- 5	STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUNDATION- BOLT ON ATTACHMENT	EA	1.000
	0650- 1- 34	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 3 SECTION, 1 WAY	AS	20.000
	0650- 1- 36	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 4 SECTION, 1 WAY	AS	5.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	16.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	8.000
	0660- 6-122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	8.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	16.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	2.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	2.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	2.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	2.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	5.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	8.000
Section 0006 Landscape / Peripheral				
	0581- 1- 7	RELOCATE TREES AND PALMS,PALMS, <14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	9.000
	0581- 1- 8	RELOCATE TREES AND PALMS, >=14' OF CLEAR TRUNK, SABAL PALM ONLY	EA	51.000