

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08210420 Call Order: 001 Proposal: E8S90 District:08

Counties: ORANGE

Road Name: RESURFACE TPK ML & INTCHG, SAFETY & T/O IMPROV, ORANGE CTY

Limits: 75470000

Project(s): 43945725201 Federal Aid No: N/A

Project(s): 43945745201 Federal Aid No: N/A

Project(s): 43945755201(*) Federal Aid No: N/A

Project(s): 43945765201 Federal Aid No: N/A

Project(s): 43945775201 Federal Aid No: N/A

Total Roadway Length:	27.215 Miles	Contract Days:	533
Total Bridge Length:	0.075 Miles	Letting Date:	04/20/21
Total Proposal Length:	27.290 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$23,113,306.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for resurfacing and safety improvements for the Florida's Turnpike Mainline (SR 91) from MP 265.3 to MP 269.4, interchange ramps at SR 408 (MP 265), SR 429 (MP 267A), & SR 50 (MP 267B), and operational improvements at the SR 429 northbound exit ramp in Orange County (75470-000), a total mainline length of 4.10 miles. Safety improvements will include: guardrail improvements; addition of a roadside flashing beacon and ITS maintenance pads, ITS and drainage improvements, removal of median openings, signing and pavement markings, replacement of overhead sign structures along the mainline; lighting, landscape and irrigation modifications and improvements, and bridge deck expansion joints; updating cross slopes to meet criteria. No Pre-Bid Conference. Contractor must be prequalified in Hot Plant-Mixed Bituminous Courses.

The summary of pay items for this project is listed in the Plans.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	256.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	19.000
	0460- 71- 1	METAL TRAFFIC RAILING, THRIE BEAM RETROFIT	LF	378.000
	0550- 10-343	FENCING, TYPE R, 7.1-8.0, W/FULL ENCLOSURE	LF	433.000
	0550- 10-344	FENCING, TYPE R, 7.1-8.0, W / PARTIAL ENCLOSURE	LF	112.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43945725201)	LS	1.000
	0101- 1-	MOBILIZATION (43945745201)	LS	1.000
	0101- 1-	MOBILIZATION (43945755201)	LS	1.000
	0101- 1-	MOBILIZATION (43945765201)	LS	1.000
	0101- 1-	MOBILIZATION (43945775201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43945725201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43945745201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43945755201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43945765201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0102- 1-	MAINTENANCE OF TRAFFIC (43945775201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43945755201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43945765201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43945775201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43945765201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43945775201)	LS	1.000
	0102- 4-	PEDESTRIAN SPECIAL DETOUR (43945765201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	2,244.000
	0102- 60-	WORK ZONE SIGN	ED	45,902.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	7,225.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	1,796.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	3,132.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	2,200.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	42,115.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	300.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	378.000
	0102- 78-	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	18,469.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	12.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,656.000
	0102-115-	TYPE III BARRICADE	ED	370.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	836.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	836.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	0.060
	0102-913- 31	REMOVABLE TAPE, YELLOW, SOLID, 6"	GM	0.020
	0104- 10- 3	SEDIMENT BARRIER	LF	14,072.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	86.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	467.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	6.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	24.000
	0107- 1-	LITTER REMOVAL	AC	6,199.040
	0107- 2-	MOWING	AC	3,603.020
	0110- 1- 1	CLEARING & GRUBBING (43945765201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43945775201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	45.000
	0120- 1-	REGULAR EXCAVATION	CY	3,221.200
	0120- 4-	SUBSOIL EXCAVATION	CY	64.800
	0120- 6-	EMBANKMENT	CY	17,173.400
	0160- 4-	TYPE B STABILIZATION	SY	21,529.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	7,051.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	18,808.000
	0327- 70- 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	102,782.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	24,173.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	34,752.000
	0327- 70- 7	MILLING EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	8,372.000

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	0327- 70- 10	MILLING EXISTING ASPHALT PAVEMENT, 5" AVG DEPTH	SY	15,088.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	275,111.000
	0327- 70- 14	MILLING EXISTING ASPHALT PAVEMENT, 6 1/2" AVG DEPTH	SY	939.000
	0327- 70- 15	MILLING EXISTING ASPHALT PAVEMENT, 2 3/4" AVG DEPTH	SY	13,213.000
	0327- 70- 18	MILLING EXISTING ASPHALT PAVEMENT, 5 1/2" AVG DEPTH	SY	11,169.000
	0327- 70- 20	MILLING EXISTING ASPHALT PAVEMENT, 3 3/4" AVG DEPTH	SY	54,847.000
	0327- 70-102	MILLING EXIST ASPHALT PAVEMENT AND LIMEROCK 8-10", PROJECTS 439457-5-52-01 AND 439457-4-52-01	SY	5,298.000
	0334- 1- 14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	TN	897.000
	0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN	458.500
	0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	9,223.300
	0334- 1- 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN	21,645.700
	0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN	27,213.500
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	15,525.900
	0337- 7- 85	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC D, FC-12.5, PG 76- 22	TN	2,529.000
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	463.600
	0400- 0- 13	CONCRETE CLASS NS, STEPS	CY	241.000
	0401- 70- 3	RESTORE SPALLED AREAS, LATEX MODIFIED MORTAR- ACRYLIC	CF	6.000
	0411- 1-	EPOXY MATERIAL FOR CRACK INJECTION- STRUCTURES REHAB	GA	2.000
	0411- 2-	CRACKS INJECT & SEAL- STRUCTURES REHAB	LF	2.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	1.000
	0425- 1-544	INLETS, DITCH BOTTOM, TYPE D, J BOT, >10'	EA	1.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	10.000
	0425- 1-703	INLETS, GUTTER, TYPE S, J BOTTOM <10'	EA	4.000
	0425- 1-704	INLETS, GUTTER, TYPE S, J BOTTOM, >10'	EA	1.000
	0425- 1-921	INLETS, ADJACENT BARRIER, <=10'	EA	4.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	4.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	748.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	2,113.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	352.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	700.000
	0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	737.000
	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
	0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	1.000
	0431- 1-277	PIPE LINING- CURED IN PLACE 18", PROJECT 439457-6-52-01	LF	515.000
	0431- 1-278	PIPE LINING- CURED IN PLACE 24", PROJECT 439457-6-52-01	LF	155.000
	0431- 1-279	PIPE LINING- CURED IN PLACE 36", PROJECT 439457-6-52-01	LF	67.000
	0455-133- 2	SHEET PILING STEEL, TEMPORARY-CRITICAL	SF	41,985.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	4,460.000
	0521- 1- 11	MEDIAN CONCRETE BARRIER, 38" HEIGHT	LF	254.000
	0521- 1- 14	MEDIAN CONCRETE BARRIER, VARIABLE SECTION WIDTH FOR SIGN OR PIER SHIELDING	LF	255.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	1,142.000
	0524- 1- 29	CONCRETE DITCH PAVEMENT, 4", REINFORCED	SY	240.000

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ALT	Item	Description	Unit	Quantity
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	12,109.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	53.000
	0536- 73-	GUARDRAIL REMOVAL	LF	7,704.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	17.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	14.000
	0536- 85- 26	GUARDRAIL END TREATMENT- TYPE CRT	EA	2.000
	0536- 85- 27	GUARDRAIL END TREATMENT- DOUBLE FACE APPROACH TERMINAL	EA	1.000
	0544- 3- 1	CRASH CUSHION, TL-3, NARROW	EA	1.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	19.673
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	9,974.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	15,282.000
	0581- 1- 1	RELOCATE TREES AND PALMS, PALM, <14' OF CLEAR TRUNK	EA	20.000
	0581- 1- 2	RELOCATE TREES AND PALMS, PALM, >=14' OF CLEAR TRUNK	EA	14.000
	0581- 1- 5	RELOCATE TREES AND PALMS,TREES, TREES, >=5" DIAMETER AT BREAST HEIGHT	EA	18.000
	0590- 70-	IRRIGATION SYSTEM (43945775201)	LS	1.000
	0639- 8- 47	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), PROJECT 439457-2-52-01 (DO NOT BID) (43945725201)	LS	1.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	30.957
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	1.457
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	892.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	57.652
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	8.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	8.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	19.454
	0999- 16-	PARTNERING, DO NOT BID (43945755201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43945725201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43945745201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43945755201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43945765201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43945775201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	4.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	42.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	10.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	61.000
	0700- 2- 11	MULTI- POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	3.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	7.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	4.000
	0700- 2- 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	2.000

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ALT	Item	Description	Unit	Quantity
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	15.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	1.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	9.000
	0700- 3-204	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF	EA	5.000
	0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA	4.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	10.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	7.000
	0700- 3-209	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 401-500 SF	EA	2.000
	0700- 3-211	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 601 SF AND GREATER	EA	4.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	14.000
	0700- 3-604	SIGN PANEL, REMOVE, 31-50 SF	EA	3.000
	0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA	3.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	16.000
	0700- 3-607	SIGN PANEL, REMOVE, 201-300 SF	EA	9.000
	0700- 3-610	SIGN PANEL, REMOVE, 501-600 SF	EA	2.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000
	0700- 4-125	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA	1.000
	0700- 4-126	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA	3.000
	0700- 4-610	OVERHEAD STATIC SIGN STRUCTURE, REMOVE CANTILEVER	EA	2.000
	0700- 4-620	OVERHEAD STATIC SIGN STRUCTURE, REMOVE SPAN	EA	3.000
	0700- 11-262	ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT-SOLAR POWERED, SPEED FEEDBACK W/FLASHING BEACON, 12-20 SF	EA	4.000
	0705- 11- 4	DELINEATOR, FLEXIBLE HIGH PERFORMANCE 48"	EA	389.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43945745201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43945755201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43945775201)	LS	1.000
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	3.546
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	92.000
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	6.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	7.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	10.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	17.208
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	33.887
	0711- 15-133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.920
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	17.339
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	4,290.000

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ALT	Item	Description	Unit	Quantity
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.855
	0713-103-103	PERMANENT TAPE, WHITE, SOLID LANE DROP MARKING, 12" FOR CONCRETE BRIDGES	GM	0.136
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.359
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.918
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.360
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	3,527.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,122.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	90.000
	0630- 2- 65	CONDUIT, REMOVE, BRIDGE MOUNT	LF	160.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	26.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	18.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	38,737.000
	0715- 4- 14	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT	EA	22.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	12.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000
	0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	1.000
	0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	2.000
	0715- 11-500	LUMINAIRE, REMOVE	EA	2.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	22.000
Section 0005 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	7,567.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,581.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	30.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	855.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	2,409.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	48,843.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	240.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	41,412.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	798.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	1.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	44.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	48.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	3.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	2.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	7.000
	0633- 3- 56	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY PATCH PANEL	EA	1.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	17.000

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ALT	Item	Description	Unit	Quantity
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	5.000
	0635- 2-114	PULL & SPLICE BOX, F&I,TOLL SITE F&I, REINFORCED CONCRETE FIBER OPTIC MANHOLE, PROJECT 439457-5-52-01, ETC.	EA	3.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	2,268.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	3.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000
	0646- 2-130	ALUMINUM POLE- INDEX 695-001, FURNISH & INSTALL, 30'	EA	2.000
	0660- 7-101	VEHICLE DETECTION SYSTEM- WRONG WAY, MAINLINE, PROJECT 439457-5-52-01	EA	1.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	1.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	1.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	1.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	1.000
	0700- 6- 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS	4.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	4.000