

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

Letting: 08220920 Call Order: 001 Proposal: E8T83 District:08

Counties: CITRUS

Road Name: SUNCOAST II (SR589) - SR 44 TO CR 486

Limits: 02470000

Project(s): 44276415201(*) Federal Aid No: N/A

Total Roadway Length: 3.000 Miles Contract Days: 1277

Total Bridge Length: 0.242 Miles Letting Date: 09/20/22

Total Proposal Length: 3.242 Miles Contract Execution Days: 10

Special Start Date: N/A

Aquis/Flexible Start Time: 30

Proposal Budget Estimate: \$114,453,297.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for construction of SR 589 (Suncoast Parkway 2) including roadway, drainage, signing and pavement markings, lighting, signalization, ITS, bridge structures, toll facilities and landscaping, from south of SR 44 to CR 486, milepost 67.227 to milepost 70.276, in Citrus County.

For projects in excess of \$50 million, in addition to meeting all other qualification requirements of Section 337.14, Florida Statutes, and Rule Chapter 14-22, Florida Administrative Code, any Contractor who is not prequalified and in good standing with the Department as of January 1, 2019, must submit evidence which demonstrates satisfactory completion of at least two projects, each in excess of \$15 million, for the Florida Department of Transportation or for any other state department of transportation. Acceptability of the evidence related to the two projects is at the sole discretion of the Department.

No Pre-Bid Conference. Contractor must be prequalified.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	1,567.000
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	493.900
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	316.500
	0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	798.600
	0400- 7- 1	BRIDGE DECK GROOVING	SY	5,596.000
	0400- 9- 1	BRIDGE DECK PLANING	SY	5,596.000
	0400-147-	COMPOSITE NEOPRENE PADS	CF	33.200
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	353,073.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	221,884.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	95,980.000
	0450- 2- 54	PREST BEAMS: FLORIDA-I BEAM 54"	LF	3,986.000
	0455- 35- 22	STEEL PILING, 24" DIA. PIPE	LF	10,284.000
	0455-120- 7	PILE POINT PROTECTION, 24" ROUND	EA	144.000
	0455-144- 22	TEST PILES - STEEL, 24" DIA PIPE	LF	1,575.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	418.000
	0459- 71-	PILES, POLYETHYLENE SHEETING	SY	876.000
	0460- 2- 15	STRUCT STEEL, MISCELLANEOUS (44276415201 BRIDGE ID 020070)	LS	1.000
	0460- 2- 15	STRUCT STEEL, MISCELLANEOUS (44276415201 BRIDGE ID 020071)	LS	1.000

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	0460- 2- 15	STRUCT STEEL, MISCELLANEOUS (44276415201 BRIDGE ID 020072)	LS	1.000
	0460- 2- 15	STRUCT STEEL, MISCELLANEOUS (44276415201 BRIDGE ID 020073)	LS	1.000
	0460- 2- 15	STRUCT STEEL, MISCELLANEOUS (44276415201 BRIDGE ID 020074)	LS	1.000
	0460- 2- 20	STRUCT STEEL - NEW/WIDENING, WEATHERING (44276415201 BRIDGE ID 020074)	LS	1.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	2,273.000
	0521- 5- 14	CONCRETE TRAFFIC RAILING- BRIDGE, 42" SINGLE-SLOPE	LF	879.000
	0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY	2,544.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	6,066.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	30.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (44276415201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44276415201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44276415201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (44276415201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (44276415201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	312.000
	0102- 30-	TEMPORARY HIGHWAY LIGHTING	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	58,612.000
	0102- 61-	BUSINESS SIGN	EA	20.000
	0102- 62- 13	BARRIER MOUNTED WORK ZONE SIGN- INDEX 700-013	ED	890.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	444.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	6,427.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	444.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	3,348.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	206,812.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	2,435,708.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	2,998.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	16.000
	0102- 98- 12	BARRICADE TYPE III -TO REMAIN, 6' PROJECT 442764-1-52-01	EA	16.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	4,571.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	5,108.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	5,108.000
	0102-115-	TYPE III BARRICADE	ED	7,908.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	2,427.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	910.000
	0104- 10- 3	SEDIMENT BARRIER	LF	70,116.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	153.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	12.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	279.000
	0107- 1-	LITTER REMOVAL	AC	12,950.270
	0107- 2-	MOWING	AC	12,862.030

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	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (44276415201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44276415201)	LS	1.000
	0110- 2- 2	SELECTIVE CLEARING AND GRUBBING, AREAS WITH TREES TO REMAIN	AC	1.120
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,559.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	10.000
	0110- 21-	TREE PROTECTION BARRIER	LF	1,195.000
	0120- 1-	REGULAR EXCAVATION	CY	2,480,227.000
	0120- 4-	SUBSOIL EXCAVATION	CY	105,351.000
	0120- 6-	EMBANKMENT	CY	1,607,423.000
	0120- 6-106	EMBANKMENT, SPECIFIED A-3 SOIL, PROJECT 442764-1-52-01	CY	98,625.000
	0160- 4-	TYPE B STABILIZATION	SY	228,430.000
	0173- 76-	GROUT PIPE INSTALLATION	LF	1,375.000
	0173- 77- 1	SUBSURFACE PRESSURE GROUTING, SAND CEMENT	CY	415.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	72,382.000
	0285-704-	OPTIONAL BASE, BASE GROUP 04	SY	2,516.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	14,094.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	101,491.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	912.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	10,524.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	46,946.000
	0327- 70- 12	MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH	SY	8,238.000
	0327- 70- 13	MILLING EXISTING ASPHALT PAVEMENT, 1 3/4" AVG DEPTH	SY	275.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	5,597.900
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	11,335.300
	0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	1,865.800
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	12,460.800
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	5,869.200
	0337- 7- 81	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-12.5, PG 76-22	TN	666.400
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	657.100
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	58.900
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	1,255.600
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000
	0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	7.000
	0425- 1-522	INLETS, DT BOT, TYPE C,>10'	EA	4.000
	0425- 1-523	INLETS, DT BOT, TYPE C,JBOT, <10'	EA	4.000
	0425- 1-524	INLETS, DT BOT, TYPE C, JBOT, >10'	EA	6.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000
	0425- 1-542	INLETS, DT BOT, TYPE D, >10'	EA	1.000
	0425- 1-545	INLETS, DITCH BOTTOM, TYPE D, PARTIAL	EA	1.000
	0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA	18.000
	0425- 1-552	INLETS, DT BOT, TYPE E, >10'	EA	1.000

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	0425- 1-553	INLETS, DT BOT, TYPE E, J BOT, <10'	EA	6.000
	0425- 1-554	INLETS, DT BOT, TYPE E, J BOT, >10'	EA	11.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	34.000
	0425- 1-702	INLETS, GUTTER, TYPE S, >10'	EA	19.000
	0425- 1-703	INLETS, GUTTER, TYPE S, J BOTTOM <10'	EA	5.000
	0425- 1-704	INLETS, GUTTER, TYPE S, J BOTTOM, >10'	EA	6.000
	0425- 1-921	INLETS, ADJACENT BARRIER, <=10'	EA	5.000
	0425- 1-922	INLETS, ADJACENT BARRIER, >10'	EA	3.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	3.000
	0425- 2- 63	MANHOLES, P-8, PARTIAL	EA	1.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	188.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	3,180.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	7,383.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	1,334.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	2,722.000
	0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	1,870.000
	0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	920.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	724.000
	0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	1,009.000
	0430-185-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 18" , STORM AND CROSS DRAIN	LF	138.000
	0430-185-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 24", STORM AND CROSS DRAIN	LF	72.000
	0430-185-136	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 36", STORM AND CROSS DRAIN	LF	372.000
	0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	15.600
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	12.000
	0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	1.000
	0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	3.000
	0430-982-140	MITERED END SECTION, OPTIONAL ROUND, 42" CD	EA	2.000
	0430-982-141	MITERED END SECTION, OPTIONAL ROUND, 48" CD	EA	2.000
	0430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	EA	3.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	6.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	2.000
	0432- 3- 2	CHEMICAL GROUT REPAIR, PIPE, NON-TEST, 18"	EA	11.000
	0440- 1- 20	UNDERDRAIN, TYPE II	LF	690.000
	0440- 70-	UNDERDRAIN INSPECTION BOX	EA	4.000
	0440- 73- 1	UNDERDRAIN OUTLET PIPE, 4"	LF	5.000
	0455-133- 2	SHEET PILING STEEL, TEMPORARY-CRITICAL	SF	8,296.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	2,058.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	440.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	70.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	9,403.000

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	0521- 1- 12	MEDIAN CONCRETE BARRIER, SHORT GRADE-SEPARATED	LF	34.000
	0521- 1- 14	MEDIAN CONCRETE BARRIER, VARIABLE SECTION WIDTH FOR SIGN OR PIER SHIELDING	LF	286.000
	0521- 8- 7	CONCRETE BARRIER, WITH JUNCTION SLAB, 36" SINGLE SLOPE	LF	3,948.000
	0521- 8- 8	CONCRETE BARRIER, WITH JUNCTION SLAB, 42" SINGLE SLOPE	LF	2,684.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	1,072.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	1,135.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	128.000
	0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	2,237.000
	0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	6,704.000
	0527- 2-	DETECTABLE WARNINGS	SF	363.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	1,879.500
	0530- 74-	BEDDING STONE	TN	1,012.800
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	7,431.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	5.000
	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APPROACH TL-3	EA	13.000
	0536- 8-113	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, TRAILING	EA	7.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	9.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	18.000
	0544- 3- 1	CRASH CUSHION, TL-3, NARROW	EA	3.000
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	8.184
	0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	202,791.000
	0550- 10-222	FENCING, TYPE B, 5.1-6.0, W/ VINYL COATING	LF	56,432.000
	0550- 60-225	FENCE GATE , TYPE B, DOUBLE, 20.1-24' OPENING	EA	10.000
	0570- 1- 1	PERFORMANCE TURF	SY	131,745.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	1,097,368.000
	0571- 1- 11	PLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 1	SY	2,857.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	19,929.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	36.000
	0639- 8-142	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), WREC (DO NOT BID) (44276415201)	LS	1.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	6,239.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	16.543
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.435
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.539
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	1,695.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	2,116.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	6.968
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.207

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	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	41.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	125.000
	0710- 11-180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF	12.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	12.560
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.399
	0999- 16-	PARTNERING, DO NOT BID (44276415201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	13.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44276415201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	81.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	34.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	10.000
	0700- 1- 14	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	AS	8.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	1.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	31.000
	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	3.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	6.000
	0700- 2- 17	MULTI- POST SIGN, F&I GROUND MOUNT, 201-300 SF	AS	9.000
	0700- 2- 18	MULTI- POST SIGN, F&I GROUND MOUNT, 301-400 SF	AS	2.000
	0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	1.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	3.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	3.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	3.000
	0700- 3-607	SIGN PANEL, REMOVE, 201-300 SF	EA	2.000
	0700- 4-113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA	1.000
	0700- 6- 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS	8.000
	0700- 10-124	DMS SUPPORT STRUCTURE, CANTILEVER, 41-50 FT	EA	1.000
	0700- 12- 22	SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, TWO BEACONS	AS	3.000
	0700- 12- 60	SIGN BEACON, REMOVE BEACON- SIGN TO REMAIN	AS	2.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	14.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	11.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	5.000
	0705- 10- 4	OBJECT MARKER, TYPE 4	EA	18.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	290.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	3,267.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	627.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44276415201)	LS	1.000
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.037

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	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.431
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	694.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	390.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.489
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	12.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	75.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	1,502.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.235
	0711- 14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	1,144.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,131.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	14.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	14.000
	0711- 14-660	THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD	EA	3.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	9.157
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	0.338
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	6.166
	0711- 15-133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.057
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	8.081
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	2.097
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.471
	0711- 16-171	THERMOPLASTIC, STANDARD OTHER SURFACES, WHITE, 6", 6-10 DOTTED MANAGED LANE MARKING	GM	0.028
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	2.429
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.242
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.169
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.240
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	25,291.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	4,132.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	50.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	267.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	71.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000

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ALT	Item	Description	Unit	Quantity
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	458.000
	0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	2.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	44,363.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	190,326.000
	0715- 1- 14	LIGHTING CONDUCTORS, F&I, INSULATED, NO 1 TO NO 0	LF	8,961.000
	0715- 4-850	LIGHT POLE COMPLETE, F&I UTILITY CONFLICT POLE, INDEX 715-002 FOUND, 15' HT, PROJECT 442764-1-52-01	EA	13.000
	0715- 5- 31	LUMINAIRE & BRACKET ARM- ALUMINUM, FURNISH & INSTALL NEW LUMINAIRE AND ARM ON NEW/EXISTING POLE	EA	4.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	2.000
	0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	8.000
	0715- 11-213	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, POLE TOP	EA	4.000
	0715- 11-400	LUMINAIRE, RELOCATE	EA	2.000
	0715- 61-300	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT, 0' ARM LENGTH	EA	201.000
	0715- 68-000	LIGHT POLE COMPLETE, RELOCATE	EA	15.000
	0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	4.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	174.000
	0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	40.000
Section 0005 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,976.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,321.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	4.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	2.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	450.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	2,419.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	48.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	2.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	4.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	24.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	2.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	2.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	24.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	4.000
	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- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	50.000
	0639- 3- 12	ELECTRICAL SERVICE DISCONNECT, F&I, CABINET	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	12.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	3.000

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ALT	Item	Description	Unit	Quantity
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	2.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	2.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	2.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION-BOLT ON ATTACHMENT	EA	2.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	15.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	3.000
	0650- 1- 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION	AS	2.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	11.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	1.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	8.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	11.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	2.000
	0685- 1- 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	1.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	4.000
	0700- 5- 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA	5.000
Section 0006 Architectural				
	0400- 45- 2	REINFORCED CONCRETE, TOLL SITE EQUIPMENT SLAB, 12" THICK, PROJECT 442764-1-52-01	SY	57.000
	0425-100-100	SPECIAL DRAINAGE STRUCTURE, TOLL SITE DRY WELL AND ACCESSORIES, PROJECT 442764-1-52-01	EA	2.000
	0519- 78-	BOLLARDS	EA	42.000
	0520- 2- 10	CONCRETE CURB, TOLL HEADER CURB	LF	200.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	168.000
	0542- 70-	BUMPER GUARDS, CONCRETE	EA	2.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	7,100.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	900.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	5.000
	0635- 2-119	PULL & SPLICE BOX, F&I,TOLL SITE, 12" x 12"	EA	3.000
	0635- 2-120	PULL & SPLICE BOX, F&I,TOLL SITE, 24" x 36"	EA	8.000
	0635- 2-121	PULL & SPLICE BOX, F&I,TOLL SITE, 30" x 48"	EA	16.000
	0639- 5- 2	EMERGENCY GENERATOR-PERMANENT 26-50 KW	EA	1.000
	0639- 7-114	ELECTRICAL POWER SERVICE, TOLL FACILITY CONDUCTORS AND CABLES, NO. 10 AND SMALLER, PROJECT 442764-1-52-01	LF	3,246.000

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ALT	Item	Description	Unit	Quantity
	0639- 7-115	ELECTRICAL POWER SERVICE, TOLL FACILITY CONDUCTORS AND CABLES, NO. 8 TO NO. 6, PROJECT 442764-1-52-01	LF	504.000
	0639- 7-118	ELECTRICAL POWER SERVICE, TOLL FACILITY CONDUCTORS AND CABLES, NO. 1/0 TO NO. 3/0, PROJECT 442764-1-52-01	LF	2,200.000
	0639- 7-119	ELECTRICAL POWER SERVICE, RTC TOLL SITE PANELBOARDS AND POWER DISTRIBUTION FRAME, PROJECT 442764-1-52-01	EA	2.000
	0639- 7-120	ELECTRICAL POWER SERVICE, TOLL SITE ELECTRIC METERING AND UTILITY SERVICE ENTRANCE, PROJECT 442764-1-52-01	EA	1.000
	0639- 7-121	ELECTRICAL POWER SERVICE, TOLL FACILITY CONDUCTORS AND CABLES, 350 KCMIL TO 400 KCMIL, PROJECT 442764-1-52-01	LF	7,200.000
	0676- 2-802	OUTDOOR COMMUNICATIONS CABINET, FURNISH & INSTALL, PROJECT 442764-1-52-01	EA	2.000
	0735- 1- 9	TOLL GANTRY, NON-ACCESSIBLE, FURNISH AND INSTALL, CANTILEVER, 42', PROJECT 442764-1-52-01	EA	2.000
Section 0007 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	2.514
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	13.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	14,850.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,911.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	530.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	355.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	6,976.000
	0633- 1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 97 - 144 FIBERS	LF	13,427.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	506.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	6.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	8.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	37.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	198.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	8.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	17.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	1,182.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	210.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	51.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	21.000
	0635- 2-117	PULL & SPLICE BOX, F&I, HS-20 REINFORCED CONCRETE FIBER OPTIC MANHOLE, PROJECT 442764-1-52-01	EA	7.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	9,804.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	11.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	8.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	6.000
	0641- 3-169	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 69'	EA	2.000
	0641- 3-175	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 75'	EA	2.000

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ALT	Item	Description	Unit	Quantity
	0641- 3-186	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 86'	EA	1.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	4.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	4.000
	0660- 6-121	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, CABINET EQUIPMENT	EA	2.000
	0660- 6-122	VEHICLE DETECTION SYSTEM- AVI, BLUETOOTH, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	2.000
	0660- 7- 21	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES, AC POWERED	EA	2.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	5.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	2.000
	0676- 2-147	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 332D 66" H x 48" W x 30" D	EA	1.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	5.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	8.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	4.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	8.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	8.000
	0700- 9-137	WALK-IN DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS FULL COLOR, 201-300 SF	EA	1.000