

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting:	08261110	Call Order: 001	Proposal: E8V64	District:08
Counties:	BROWARD			
Road Name:	WIDEN SAWGRASS (SR 869) UNIVERSITY DR TO SR7			
Limits:	86472000			
Project(s):	43546155201(*)	Federal Aid No: N/A		
Total Roadway Length:	6.983 Miles	Contract Days:	1219	
Total Bridge Length:	0.152 Miles	Letting Date:	11/10/26	
Total Proposal Length:	7.135 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	30	

Proposal Budget Estimate: \$118,000,000.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for roadway reconstruction, widening, milling and resurfacing, widening of Bridge Nos. 860498 and 860499 over University Drive, widening of Bridge No. 860500 and 860501 over Riverside Drive, stormwater enhancements, stormwater ponds, Coral Ridge Drive interchange reconstruction and lighting, signing, pavement marking, traffic signals and Intelligent Transportation System (ITS) improvements on of SR 869, Sawgrass Expressway in Broward County from MP 14.867 to MP 18.444.

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				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43546155201 BRIDGE ID 860498)	LS	1.000
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43546155201 BRIDGE ID 860499)	LS	1.000
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43546155201 BRIDGE ID 860500)	LS	1.000
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43546155201 BRIDGE ID 860501)	LS	1.000
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	714.000
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	209.000
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	246.000
	0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	67.000
	0400- 7- 1	BRIDGE DECK GROOVING	SY	3,101.000
	0400-147-	COMPOSITE NEOPRENE PADS	CF	18.600
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	136,340.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	82,276.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	41,308.000
	0450- 2- 36	PREST BEAMS: FLORIDA-I BEAM 36"	LF	719.000

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ALT	Item	Description	Unit	Quantity
	0450- 2- 45	PREST BEAMS: FLORIDA-I BEAM 45"	LF	540.000
	0450- 2- 54	PREST BEAMS: FLORIDA-I BEAM 54"	LF	1,322.000
	0455- 15- 13	PREFORMED PILE HOLES, 22" TO 26" DRILL/PUNCH SIZE	LF	972.000
	0455- 17-118	PRE-PLANNED PILE SPLICE, CONCRETE SQUARE, 18"	EA	8.000
	0455- 20- 1	PILE INSPECTION, DRIVEN PILE	EA	66.000
	0455- 34- 3	PRESTRESSED CONCRETE PILING, 18" SQ	LF	2,806.000
	0455-115-	PILE REDRIVE	EA	16.000
	0455-137-	LOAD TEST (DYNAMIC), DATA COLLECTION AND ANALYSIS	EA	66.000
	0455-137- 2	LOAD TEST (DYNAMIC), VERIFICATION TEST	EA	8.000
	0455-143- 3	TEST PILES-PRESTRESSED CONCRETE,18" SQ	LF	600.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	271.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	616.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	100.000
	0460- 71- 4	METAL TRAFFIC RAILING, RECTANGULAR TUBE RETROFIT	LF	950.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	974.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	2,919.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	16.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43546155201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43546155201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43546155201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43546155201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	9,424.000
	0102- 30-	TEMPORARY HIGHWAY LIGHTING	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	96,768.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	3,456.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	53,777.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	37,224.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	3,576.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	61,002.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	31,824.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	127,080.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	45,060.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	7,357.000
	0102- 78- 2	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER, TYPE B	EA	619.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	57.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	10,796.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	2,448.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	2,448.000
	0102-115-	TYPE III BARRICADE	ED	13,910.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	9,752.000

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ALT	Item	Description	Unit	Quantity
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	7,314.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	0.640
	0102-913- 22	REMOVABLE TAPE, WHITE, 10'-30', 3'-9', 6'-10', or 2'-4' SKIP, 6" WIDE	GM	1.112
	0102-913- 31	REMOVABLE TAPE, YELLOW, SOLID, 6"	GM	0.473
	0104- 10- 3	SEDIMENT BARRIER	LF	6,726.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	6.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	291.000
	0107- 1-	LITTER REMOVAL	AC	5,727.290
	0107- 2-	MOWING	AC	4,079.280
	0110- 1- 1	CLEARING & GRUBBING (43546155201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	5,720.000
	0110- 21-	TREE PROTECTION BARRIER	LF	4,048.000
	0120- 1-	REGULAR EXCAVATION	CY	92,243.000
	0120- 4-	SUBSOIL EXCAVATION	CY	49,594.000
	0120- 6-	EMBANKMENT	CY	143,523.000
	0160- 4-	TYPE B STABILIZATION	SY	271,040.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	9,774.000
	0285-703-	OPTIONAL BASE, BASE GROUP 03	SY	97,268.000
	0285-705-	OPTIONAL BASE, BASE GROUP 05	SY	379.000
	0285-708-	OPTIONAL BASE, BASE GROUP 08	SY	504.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	11,246.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10	SY	126,105.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	13,045.000
	0327- 70- 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	1,415.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	667.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	11,366.000
	0327- 70- 8	MILLING EXISTING ASPHALT PAVEMENT, 2 1/2" AVG DEPTH	SY	27,577.000
	0327- 70- 9	MILLING EXISTING ASPHALT PAVEMENT, 5 1/4" AVG DEPTH	SY	5,440.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	151,581.000
	0327- 70- 12	MILLING EXISTING ASPHALT PAVEMENT, 1 1/4" AVG DEPTH	SY	1,132.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	9,598.100
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	4,877.300
	0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN	18,029.900
	0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	102.600
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	2,020.500
	0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN	22,164.900
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	11,476.400
	0337- 7- 81	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC B, FC-12.5, PG 76-22	TN	855.100
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	2,233.700
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	286.000
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	856.000
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	2,645.400
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	253.000

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ALT	Item	Description	Unit	Quantity
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	12,232.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	9.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	1.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	4.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	2.000
	0425- 1-481	INLETS, CURB, TYPE 8, <10'	EA	3.000
	0425- 1-509	INLETS, DT BOT, TYPE A, MODIFY	EA	3.000
	0425- 1-519	INLETS, DT BOT, TYPE B, MODIFY	EA	6.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	10.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	4.000
	0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA	7.000
	0425- 1-585	INLETS, DT BOT, TYPE H, PARTIAL	EA	1.000
	0425- 1-589	INLETS, DT BOT, TYPE H, MODIFY	EA	9.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	75.000
	0425- 1-790	INLETS, MEDIAN BARRIER, TYPE 2, <=10'	EA	46.000
	0425- 1-793	INLETS, MEDIAN BARRIER, TYPE 2, J BOT, <10'	EA	9.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	4.000
	0425- 1-921	INLETS, ADJACENT BARRIER, <=10'	EA	32.000
	0425- 1-923	INLETS, ADJACENT BARRIER, J BOTTOM, < 10'	EA	15.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	4.000
	0425- 2- 63	MANHOLES, P-8, PARTIAL	EA	6.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	1.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	7.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	4.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	8,087.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	7,899.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	991.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	12.000
	0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	19.000
	0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	30.000
	0430-185-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 18" , STORM AND CROSS DRAIN	LF	1,349.000
	0430-185-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 24", STORM AND CROSS DRAIN	LF	1,366.000
	0430-185-130	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 30", STORM AND CROSS DRAIN	LF	4,667.000
	0430-185-136	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 36", STORM AND CROSS DRAIN	LF	945.000
	0430-518-300	STRAIGHT CONCRETE ENDWALLS, 18", TRIPLE, 0 DEGREES, ROUND	EA	1.000
	0430-530-100	STRAIGHT CONCRETE ENDWALLS, 30", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0430-530-200	STRAIGHT CONCRETE ENDWALLS, 30", DOUBLE, 0 DEGREES, ROUND	EA	1.000
	0430-530-300	STRAIGHT CONCRETE ENDWALLS, 30", TRIPLE, 0 DEGREES, ROUND	EA	3.000
	0430-611-025	U-ENDWALL, INDEX 261/430-011, BAFFLES, 1:6 SLOPE, 18"PIPE	EA	3.000

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	0430-611-029	U-ENDWALL, INDEX 261/430-011, BAFFLES, 1:6 SLOPE, 24"PIPE	EA	1.000
	0430-611-325	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:2 SLOPE, 18"PIPE	EA	30.000
	0430-611-329	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:2 SLOPE, 24"PIPE	EA	1.000
	0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	377.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	54.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	19.000
	0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	28.000
	0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	9.000
	0430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	EA	1.000
	0431- 1-118	PIPE LINER, CURED IN PLACE, 18"	LF	104.000
	0431- 1-130	PIPE LINER, CURED IN PLACE, 30"	LF	318.000
	0431- 1-148	PIPE LINER, CURED IN PLACE, 48"	LF	360.000
	0431- 1-154	PIPE LINER, CURED IN PLACE, 54"	LF	502.000
	0432- 3- 6	CHEMICAL GROUT REPAIR, PIPE, NON-TEST, 36"	EA	1.000
	0451- 70-	PREST SOIL ANCHORS	EA	38.000
	0451- 70- 1	PRESTRESSED SOIL ANCHOR, PERFORMANCE TEST	EA	4.000
	0451- 70- 2	PRESTRESSED SOIL ANCHOR, CREEP TEST	EA	2.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	12,354.000
	0460- 2- 2	STRUCT STEEL, LOW ALLOY (43546155201)	LS	1.000
	0515- 1- 1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	327.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	7,872.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	267.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	14,963.000
	0521- 1- 11	MEDIAN CONCRETE BARRIER, 38" HEIGHT	LF	4,643.000
	0521- 1- 12	MEDIAN CONCRETE BARRIER, SHORT GRADE-SEPARATED	LF	10,020.000
	0521- 1- 13	MEDIAN CONCRETE BARRIER, TALL GRADE-SEPARATED	LF	2,496.000
	0521- 1- 14	MEDIAN CONCRETE BARRIER, VARIABLE SECTION WIDTH FOR SIGN OR PIER SHIELDING	LF	104.000
	0521- 8- 7	CONCRETE BARRIER, WITH JUNCTION SLAB, 36" SINGLE SLOPE	LF	3,884.000
	0521- 72- 27	SHOULDER CONCRETE BARRIER WALL, 14' NOISE WALL	LF	4,422.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	2,422.000
	0521- 72- 41	SHOULDER CONCRETE BARRIER, RETAINING SECTION	LF	254.000
	0521- 72- 56	SHOULDER CONCRETE BARRIER, 56" PIER PROTECTION BARRIER/CRASH WALL	LF	936.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2,457.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	201.000
	0522- 4-	BUS SHELTER PAD- CONCRETE	SY	27.000
	0527- 2-	DETECTABLE WARNINGS	SF	322.000
	0534- 72-101	SOUND/NOISE BARRIER-INC FOUNDATION, PERMANENT	SF	5,290.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	19,370.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	1,370.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	2.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	31.000
	0536- 73-	GUARDRAIL REMOVAL	LF	46,857.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	13.000

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	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	19.000
	0536- 85- 29	GUARDRAIL END TREATMENT- DOUBLE FACE TRAILING ANCHORAGE	EA	1.000
	0550- 10-221	FENCING, TYPE B, 5.1-6.0', W/ BARB WIRE ATTMT	LF	2,635.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	331,312.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	9,161.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	107.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	2.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	16,270.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	36.916
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	3.703
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	694.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	4,177.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	732.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	50.026
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.651
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	71.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	178.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	29.456
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.319
	0922-102- 2	SMART WORK ZONE, PORTABLE CHANGEABLE MESSAGE SIGN	ED	17,356.000
	0922-102- 5	SMART WORK ZONE, VARIABLE SPEED LIMIT SIGN WITH ELECTRONIC SPEED FEEDBACK SIGN	ED	14,652.000
	0922-102- 6	SMART WORK ZONE, VEHICLE DETECTOR	ED	11,116.000
	0922-102- 7	SMART WORK ZONE, CAMERA	ED	8,645.000
	0922-102- 8	SMART WORK ZONE, CENTRAL PROCESSOR	ED	3,218.000
	0922-102- 9	SMART WORK ZONE, LOCATION DEVICE	ED	6,436.000
	0999- 16-	PARTNERING, DO NOT BID (43546155201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	23.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43546155201)	LS	1.000
Section 0003 Signing				
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	13.852
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	65.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	30.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	7.000

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	0700- 1-212	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I BARRIER TOP-MOUNT, 12.0-20.0 SF	EA	4.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	35.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	50.000
	0700- 2-114	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1-50.0 SF	EA	8.000
	0700- 2-500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	26.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	4.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	8.000
	0700- 3-204	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF	EA	1.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	9.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	9.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	2.000
	0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	3.000
	0700- 3-627	SIGN PANEL, REMOVE PANEL, 201-300 SF WITH LIGHTING	EA	4.000
	0700- 4-112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA	6.000
	0700- 4-113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA	1.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	5.000
	0700- 4-611	OVERHEAD STATIC SIGN STRUCTURE, SHALLOW FOUNDATION REMOVAL, CANTILEVER	EA	2.000
	0700- 4-612	OVERHEAD STATIC SIGN STRUCTURE, DEEP FOUNDATION REMOVAL, CANTILEVER	EA	8.000
	0700- 8-136	FRONT ACCESS DYNAMIC MESSAGE SIGN, FURNISH & INSTALL-W/UPS, FULL COLOR, 101-200 SF	EA	1.000
	0700- 8-600	FRONT ACCESS DYNAMIC MESSAGE SIGN, REMOVE	EA	1.000
	0700- 9-600	WALK-IN DYNAMIC MESSAGE SIGN, REMOVE	EA	1.000
	0700- 10-600	DMS SUPPORT STRUCTURE, REMOVE	EA	2.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	4.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	14.000
	0700-141-141	ENHANCED HWY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/HIGHLIGHTED SIGN <12 SF, UP TO 12 SF OF STATIC SIGN PANELS	EA	8.000
	0700-142-314	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I OVERHEAD MOUNT, W/BEACON, 31-50 SF OF STATIC SIGN PANELS	EA	1.000
	0700-142-903	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, REMOVE - OVERHEAD MOUNT	EA	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	4.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	81.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	5,030.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43546155201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,363.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1,710.000

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ALT	Item	Description	Unit	Quantity
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	722.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.915
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	54.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	154.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	47.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	21,952.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.183
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	440.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	23.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	20.000
	0711- 14-660	THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD	EA	11.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	9.183
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	0.892
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	17.388
	0711- 15-133	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.029
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	9.183
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	3.749
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.491
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	2.529
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.504
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.152
	0713-103-181	PERMANENT TAPE, WHITE, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.304
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.152
	0713-103-381	PERMANENT TAPE, BLACK, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.304
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	1,604.000
	0714- 10-	GREEN-COLORED PAVEMENT MARKINGS, BIKE LANE	SF	3,145.000
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	43,829.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,143.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	1,025.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	6,845.000
	0630- 2- 65	CONDUIT, REMOVE, BRIDGE MOUNT	LF	350.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	298.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	34.000

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ALT	Item	Description	Unit	Quantity
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	22.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	4.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF	3,075.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	226,464.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	359,747.000
	0715- 1- 15	LIGHTING CONDUCTORS, F&I, NO.1/0 - 3/0 (0 to 000)	LF	450.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	46,847.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	2.000
	0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	2.000
	0715- 11- 39	LUMINAIRE- UNDERDECK PENDANT, FURNISH & INSTALL	EA	8.000
	0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	18.000
	0715- 11-500	LUMINAIRE, REMOVE	EA	12.000
	0715- 61-500	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 50' MOUNTING HEIGHT, 0' ARM LENGTH	EA	279.000
	0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	301.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	279.000
	0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	16.000
Section 0005 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	287.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,540.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	2.000
	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	1.000
	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	530.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	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	4.000
	0649- 21- 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA	1.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	1.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 21- 24	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-50'	EA	2.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION-BOLT ON ATTACHMENT	EA	4.000

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ALT	Item	Description	Unit	Quantity
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	32.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	12.000
	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	10.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	12.000
	0670- 5-160	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA W/STANDARD LOCK	AS	1.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	2.000
	0676- 1-500	TRAFFIC SIGNAL CONTROLLER CABINET, ADJUST/MODIFY	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0684- 6- 1	WIRELESS COMMUNICATION SYSTEM DEVICE, FURNISH & INSTALL	EA	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	4.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	4.000
Section 0006 Intelligent Transportation System				
	0102- 25-101	TEMPORARY INTELLIGENT TRANSPORTATION SYSTEM	DA	1,219.000
	0102-112-	EXISTING ITS MAINTENANCE	DA	1,219.000
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	3.600
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	9.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	37,515.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,935.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	325.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	8,215.000
	0633- 1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 97 - 144 FIBERS	LF	40,915.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	40,285.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	604.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	480.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	16.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	58.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	19.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	1,219.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	81.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	32.000
	0635- 4- 11	FIBER OPTIC SPLICE VAULT, FURNISH & INSTALL, 54"W X 54"L X 48"D	EA	16.000
	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	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	31,030.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	19,215.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	17.000
	0639- 6-112	ELECTRICAL POWER SERVICE- TRANSFORMER, F&I, <5 KVA, SINGLE PHASE, ALUMINUM WINDINGS	EA	16.000

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ALT	Item	Description	Unit	Quantity
	0639- 6-122	ELECTRICAL POWER SERVICE- TRANSFORMER, F&I, 5-10 KVA, SINGLE PHASE, ALUMINUM WINDINGS	EA	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	4.000
	0641- 2- 13	PRESTRESSED CONCRETE POLE, F&I, TYPE P-III	EA	12.000
	0641- 2- 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	11.000
	0641- 3-169	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 69'	EA	3.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	1.000
	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- 22	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES, AC POWERED	EA	3.000
	0660- 7- 90	VEHICLE DETECTION SYSTEM- WRONG WAY, REMOVE	EA	2.000
	0660- 8- 11	TRAFFIC DATA DETECTION SYSTEM- MICROWAVE, FURNISH AND INSTALL, CABINET EQUIPMENT	EA	14.000
	0660- 8- 12	TRAFFIC DATA DETECTION SYSTEM- MICROWAVE, FURNISH AND INSTALL, ABOVE GROUND EQUIPMENT	EA	14.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	14.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	3.000
	0676- 2-600	ITS CABINET- REMOVE	EA	1.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	1.000
	0682- 1-173	ITS CCTV CAMERA, NON-PRESSURIZED, IP, HIGH DEFINITION	EA	4.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	17.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	14.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	17.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	17.000