

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

Letting: CT210127 Call Order: 027 Proposal: T5715 District:05
 Counties: OSCEOLA
 Road Name: CR 532
 Limits: AT SR 400 (I-4) AND AT GOODMAN RD
 Project(s): 44418715201(*) Federal Aid No: D520034B
 Total Roadway Length: 1.191 Miles Contract Days: 430
 Total Bridge Length: 0.000 Miles Letting Date: 01/27/21
 Total Proposal Length: 1.191 Miles Contract Execution Days: 10
 Special Start Date: N/A
 Aquis/Flexible Start Time: 90 Calendar Days

Proposal Budget Estimate: \$7,849,967.00

Please read the full advertisement

Description:

The improvements under this contract consist of reconstruction of the interchange at CR 532 to convert the existing diamond interchange to a diverging diamond interchange (DDI). The ramps in all quadrants will be modified to accommodate future traffic demand and to tie to the proposed DDI geometry. Additionally, closed drainage will be added to the curb and gutter sections, and the stormwater ponds will be modified as necessary for the proposed roadway improvements. The I-4 bridge over CR 532 will remain, however, the slope abutment will be cut back to accommodate the proposed sidewalk. Lighting, ITS and signalization improvements will also be provided to facilitate the DDI operational requirements. Lastly, a directional median opening will be constructed at the intersection of CR 532 and Goodman Rd.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44418715201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44418715201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44418715201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	24.000
	0102- 60-	WORK ZONE SIGN	ED	144,135.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	3,064.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	6,356.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	89,739.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	5.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	7,002.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	864.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	864.000
	0104- 10- 3	SEDIMENT BARRIER	LF	10,983.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	388.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	429.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	41.000
	0107- 1-	LITTER REMOVAL	AC	466.720
	0107- 2-	MOWING	AC	163.450
	0110- 1- 1	CLEARING & GRUBBING (44418715201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,228.000

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ALT	Item	Description	Unit	Quantity
	0120- 1-	REGULAR EXCAVATION	CY	38,780.600
	0120- 4-	SUBSOIL EXCAVATION	CY	684.200
	0120- 6-	EMBANKMENT	CY	13,824.000
	0160- 4-	TYPE B STABILIZATION	SY	21,315.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01 (TYPE B 12.5 ONLY)	SY	3,305.000
	0285-707-	OPTIONAL BASE, BASE GROUP 07 (TYPE B 12.5 ONLY)	SY	1,518.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09 (TYPE B 12.5 ONLY)	SY	8,766.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10 (TYPE B 12.5 ONLY)	SY	2,211.000
	0285-713-	OPTIONAL BASE, BASE GROUP 13 (TYPE B 12.5 ONLY)	SY	1,158.000
	0285-715-	OPTIONAL BASE, BASE GROUP 15 (TYPE B 12.5 ONLY)	SY	3,833.000
	0327- 70- 3	MILLING EXIST ASPH PAVT, 4 1/2" AVG DEPTH	SY	1,371.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	4,991.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	3,846.000
	0327- 70- 7	MILLING EXIST ASPH PAVT, 4" AVG DEPTH	SY	2,519.000
	0327- 70- 10	MILLING EXIST ASPH PAVT, 5" AVG DEPTH	SY	1,380.000
	0327- 70- 17	MILLING EXIST ASPH PAVT, 3 1/4" AVG DEPTH	SY	546.000
	0327- 70- 18	MILLING EXIST ASPH PAVT, 5 1/2" AVG DEPTH	SY	3,674.000
	0327- 70- 27	MILLING EXIST ASPH PAVT, 5 3/4" AVG DEPTH	SY	1,486.000
	0334- 1- 11	SUPERPAVE ASPHALTIC CONC, TRAFFIC A	TN	94.800
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	4,417.600
	0334- 1- 54	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC D, PG76-22	TN	2,317.300
	0337- 7- 81	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG 76-22	TN	272.400
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	2,395.300
	0337- 7- 85	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC D, FC-12.5, PG 76-22	TN	471.800
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	10.700
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	180.100
	0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	6.000
	0425- 1-312	INLETS, CURB TYPE P-1, >10'	EA	1.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	1.000
	0425- 1-412	INLETS, CURB, TYPE J-1, >10'	EA	2.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	3.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	3.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	6.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000
	0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	1.000
	0425- 1-711	INLETS, GUTTER, TYPE V, <10'	EA	1.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	1.000
	0425- 2- 62	MANHOLES, P-8, >10'	EA	3.000
	0425- 2- 63	MANHOLES, P-8, PARTIAL	EA	2.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	3.000
	0425- 2- 92	MANHOLES, J-8, >10'	EA	1.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	1.000
	0425- 6-	VALVE BOXES, ADJUST	EA	6.000

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	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	17.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	713.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	734.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	498.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	47.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	54.000
	0430-982-123	MITERED END SECTION, OPTIONAL ROUND, 15" CD	EA	1.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	3.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	5.000
	0430-982-133	MITERED END SECTION, OPTIONAL ROUND, 30" CD	EA	2.000
	0515- 1- 1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	276.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	796.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	4,479.000
	0520- 2- 1	CONCRETE CURB, TYPE A	LF	1,289.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	276.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	155.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	1,157.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2,341.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	264.000
	0527- 2-	DETECTABLE WARNINGS	SF	291.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	6.000
	0536- 1- 0	GUARDRAIL -ROADWAY, GENERAL/LOW SPEED TL-2	LF	92.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	182.000
	0536- 8-111	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, FURNISH AND INSTALL, NEW BRIDGE OR CONCRETE BARRIER, APPROACH , TL-2	EA	2.000
	0536- 73-	GUARDRAIL REMOVAL	LF	193.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	1.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	3.000
	0550- 10-110	FENCING, TYPE A, 0.0-5.0', STANDARD	LF	805.000
	0570- 1- 1	PERFORMANCE TURF	SY	20,331.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	23,707.000
	0591- 1-600	IRRIGATION SLEEVE, 6" DIAMETER	LF	579.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	7.342
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.103
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	583.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.298
	0710- 11-180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF	143.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	5.010
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44418715201)	LS	1.000
Section 0002 Signing				
	0634- 4-151	SPAN WIRE ASSEMBLY, F&I, TWO POINT, PERPENDICULAR	PI	1.000
	0641- 2- 17	PRESTRESSED CONCRETE POLE, F&I, TYPE P-VII	EA	2.000

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	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	45.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	17.000
	0700- 1- 14	SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF	AS	2.000
	0700- 1- 21	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013 UP TO 12 SF	AS	1.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	4.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	36.000
	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	2.000
	0700- 2- 16	MULTI- POST SIGN, F&I GROUND MOUNT, 101-200 SF	AS	2.000
	0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	2.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	2.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	5.000
	0700- 3-202	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 12-20 SF	EA	1.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	4.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	2.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	16.000
	0705- 10- 3	OBJECT MARKER, TYPE 3	EA	4.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	4.000
	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	19.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	114.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44418715201)	LS	1.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1,113.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	263.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.640
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	15.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	89.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	15.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	627.000
	0711- 14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	801.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	543.000
	0711- 14-660	THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD	EA	4.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	2.402
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.617
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",1C -30 SKIP OR 3-9 LANE DROP	GM	0.993
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.487
	0711- 16-202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.199

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ALT	Item	Description	Unit	Quantity
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	3,362.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,930.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	40.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	25.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	18,930.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	3,429.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	2,372.000
	0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	27.000
	0715- 7- 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA	1.000
	0715- 19- 13	HIGH MAST LIGHT POLE, FURNISH AND INSTALL, 120'	EA	1.000
	0715- 19- 60	HIGH MAST LIGHT POLE, REMOVE POLE AND FOUNDATION	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	27.000
	0715-500- 2	POLE CABLE DISTRIBUTION SYSTEM, FURNISH & INSTALL, HIGH MAST	EA	1.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	855.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	955.000
	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- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	12.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	1.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	1.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	43.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	170.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	250.000
	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	1.000
	0649- 21- 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA	1.000
	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	3.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	EA	4.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	15.000

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	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	7.000
	0663- 1-121	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, REPLACE CABINET ELECTRONICS	EA	1.000
	0663- 1-122	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, DETECTOR	EA	1.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	12.000
	0670- 5-141	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL, MODEL 2070, 1 PREEMPTION	AS	1.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	1.000
	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	1.000
	0684- 5- 1	MEDIA CONVERTER, FURNISH & INSTALL	EA	1.000
	0685- 1- 12	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, ONLINE/DOUBLE CONVERSION	EA	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	12.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	3.000

Section 0005 Intelligent Transportation System

	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	6,895.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	780.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	210.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	2,334.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	135.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	11,034.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	1,679.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	108.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	5.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	2.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	24.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	6.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	2.000
	0633- 3- 52	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE TRAY	EA	1.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	981.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	19.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	19.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	5.000
	0635- 3- 40	JUNCTION BOX, RELOCATE	EA	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	3,260.000

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	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	5.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0660- 7- 12	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES	EA	2.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	2.000
	0676- 2-142	ITS CABINET, FURNISH & INSTALL, BASE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	1.000
	0676- 3- 60	SMALL EQUIPMENT ENCLOSURE, REMOVE- POST/CABINET TO REMAIN	EA	1.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	8.000
	0682- 1-600	ITS CCTV CAMERA,, REMOVE & DISPOSAL	EA	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	7.000
	0684- 6- 60	WIRELESS COMMUNICATION DEVICE, REMOVE	EA	1.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	3.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	2.000
	0700- 6- 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS	6.000
	0700- 6- 12	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, 12-20 SF	AS	2.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	8.000