

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

Letting: CT180425 Call Order: 005 Proposal: T1712 District:01
 Counties: SARASOTA
 Road Name: SR 45 (US 41)
 Limits: FROM S OF MCINTOSH RD TO BENEVA RD
 Project(s): 43355025201(*) Federal Aid No: D118037B
 Total Roadway Length: 1.613 Miles Contract Days: 390
 Total Bridge Length: 0.008 Miles Letting Date: 04/25/18
 Total Proposal Length: 1.621 Miles Contract Execution Days: 10
 Special Start Date: N/A
 Aquis/Flexible Start Time: 15 Days

Proposal Budget Estimate: \$4,533,844.00

Please read the full advertisement

Description:

Milestone Bonus

The improvements under this contract consist of bike lane facilities and sidewalks, shoulder reconstruction, widening, milling and resurfacing, base work, shoulder treatment, drainage improvements, curb and gutter, removal and replacement of the southbound Catfish Creek Bridge (Bridge No. 170016 to 170186) and the Clower Creek box culvert extension, guardrail, signing and pavement marking, signalization, intelligent transportation system components and lighting on State Road 45 (U.S. 41) from south of McIntosh Road northerly 1.621 miles to Beneva Road in Sarasota County.

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ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43355025201)	LS	1.000
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	110.300
	0400- 4- 4	CONCRETE CLASS IV, SUPERSTRUCTURE	CY	84.500
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	133.800
	0400- 4- 8	CONC CLASS IV, BULKHEAD	CY	51.700
	0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY	444.000
	0400-147-	COMPOSITE NEOPRENE PADS	CF	4.000
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	25,599.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	11,101.000
	0415- 1- 8	REINFORCING STEEL- BULKHEAD	LB	13,103.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	21,346.000
	0455- 34- 5	PRESTRESSED CONCRETE PILING, 24" SQ	LF	1,401.000
	0455-143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF	215.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	97.000
	0515- 2-312	PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 2	LF	100.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	200.000
	0530- 1-	RIPRAP, SAND-CEMENT	CY	62.300
	0530- 3- 3	RIPRAP- RUBBLE, BANK AND SHORE	TN	1,397.700
	0530- 74-	BEDDING STONE	TN	520.400
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43355025201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0102- 1-	MAINTENANCE OF TRAFFIC (43355025201)	LS	1.000
	0102- 2- 1	SPECIAL DETOUR 1 (43355025201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	105.400
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	196.000
	0102- 60-	WORK ZONE SIGN	ED	22,494.000
	0102- 61-	BUSINESS SIGN	EA	25.000
	0102- 71- 14	TEMPORARY BARRIER, F&I, TYPE K	LF	1,350.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	98,105.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	7,000.000
	0102- 74- 7	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	LF	545.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	752.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	1,648.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	3.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	3,482.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,560.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,560.000
	0102-911- 2	PAVEMENT MARKING REMOVABLE TAPE, WHITE OR BLACK,SOLID	LF	6,125.000
	0102-912- 2	PAVEMENT MARKING REMOVABLE TAPE, YELLOW, SOLID	LF	4,210.000
	0104- 10- 3	SEDIMENT BARRIER	LF	4,092.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	229.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	2.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	80.000
	0107- 1-	LITTER REMOVAL	AC	278.330
	0107- 2-	MOWING	AC	212.150
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43355025201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43355025201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43355025201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,564.000
	0120- 1-	REGULAR EXCAVATION	CY	6,494.000
	0120- 6-	EMBANKMENT	CY	3,245.000
	0160- 4-	TYPE B STABILIZATION	SY	21,002.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	9,442.000
	0285-707-	OPTIONAL BASE, BASE GROUP 07	SY	185.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10	SY	3,421.000
	0286- 1-	TURNOUT CONSTRUCTION	SY	949.000
	0327- 70- 4	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	SY	459.000
	0327- 70- 6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	17,643.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	389.300
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-12.5, PG 76-22	TN	2,559.500
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	30.800
	0400- 4- 1	CONCRETE CLASS IV, CULVERTS	CY	36.900

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ALT	Item	Description	Unit	Quantity
	0415- 1- 1	REINFORCING STEEL- ROADWAY	LB	8,134.000
	0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	4.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	15.000
	0425- 1-581	INLETS, DT BOT, TYPE H, <10'	EA	3.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	4.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	1.000
	0425- 2- 73	MANHOLES, J-7, PARTIAL	EA	3.000
	0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	101.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	84.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	13.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	599.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	50.000
	0430-175-215	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 15"S/CD	LF	57.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	1,236.000
	0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	529.000
	0430-175-230	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30"S/C	LF	83.000
	0430-982-123	MITERED END SECTION, OPTIONAL ROUND, 15" CD	EA	1.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	2.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	6.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	2.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	11.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	4.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF	237.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	90.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	2,523.000
	0520- 1- 12	CONCRETE CURB & GUTTER, TYPE F WITH SPECIAL GUTTER PROFILE	LF	120.000
	0520- 2- 1	CONCRETE CURB, TYPE A	LF	87.000
	0520- 5- 21	TRAFFIC SEPARATOR - CONCRETE, TYPE II, 4' WIDE	LF	6.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	3,777.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	413.000
	0522- 3-	BUS BOARDING PAD- CONCRETE	SY	80.000
	0522- 4-	BUS SHELTER PAD- CONCRETE	SY	83.000
	0524- 1- 29	CONCRETE DITCH PAVEMENT, 4", REINFORCED	SY	395.000
	0527- 2-	DETECTABLE WARNINGS	SF	771.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	2.400
	0530- 74-	BEDDING STONE	TN	1.700
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	425.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	118.000
	0536- 8- 11	APPROACH TRANSITION TO RIGID BARRIER CONNECTION, FURNISH & INSTALL	EA	2.000
	0536- 73-	GUARDRAIL REMOVAL	LF	238.000
	0536- 85- 22	GUARDRAIL END TREATMENT- FLARED APPROACH TERMINAL	EA	1.000

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	0536- 85- 25	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE TYPE II	EA	1.000
	0544- 75- 1	CRASH CUSHION	EA	1.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	33,633.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	20.000
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	1.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43355025201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	27.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	6.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	6.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	21.000
	0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	4.000
	0701- 17-101	PROFILED THERMOPLASTIC,STANDARD- CONCRETE SURFACES, WHITE, SOLID,6"	GM	1.665
	0705- 10- 3	OBJECT MARKER, TYPE 3	EA	2.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	4.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43355025201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	3,136.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	210.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	560.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.244
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	46.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.024
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	2,400.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	47.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	47.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	4.789
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.034
	0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.021
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.075
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.016
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.008
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.008
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	2,221.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	683.000

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ALT	Item	Description	Unit	Quantity
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	21.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	3,095.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	9,344.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	13,588.000
	0715- 4- 60	LIGHT POLE COMPLETE, RELOCATE	EA	14.000
	0715- 11-213	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, POLE TOP	EA	25.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	14.000
Section 0005 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,221.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,070.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	5.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	60.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	20.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	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	151.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	18.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	1.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	6.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	1.000
	0649- 21- 19	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 70'-60"	EA	1.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 26- 5	STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUNDATION- BOLT ON ATTACHMENT	EA	1.000
	0650- 1- 13	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 2 SECTION, 1-2 WAYS	AS	4.000
	0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	8.000
	0650- 1- 19	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION CLUSTER, 1 WAY	AS	2.000
	0650- 2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA	21.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	14.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	3.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	3.000

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ALT	Item	Description	Unit	Quantity
	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	8.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	1.000
	0663- 1-121	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, REPLACE CABINET ELECTRONICS	EA	2.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	20.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	2.000
	0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	1.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	4.000
	0670- 5-500	TRAFFIC CONTROLLER ASSEMBLY, RELOCATE CONTROLLER WITH CABINET	AS	1.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	3.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	1.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	5,356.000
	0715- 4- 12	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 35' MOUNTING HEIGHT	EA	3.000
	0715- 4- 32	LIGHT POLE COMPLETE, FURNISH & INSTALL UTILITY CONFLICT POLE, INDEX 17515/715-002 FOUNDATION, 35' MOUNTING HEIGHT	EA	2.000
	0715- 4- 42	LIGHT POLE COMPLETE, FURNISH & INSTALL UTILITY CONFLICT POLE, SPECIAL FOUNDATION, 35' MOUNTING HEIGHT	EA	3.000
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	5.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	8.000
Section 0006 Intelligent Transportation System				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	3,413.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	5,697.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	667.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	9,946.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	8,693.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	216.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	2.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	2.000
	0633- 3- 52	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE TRAY	EA	16.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	5.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	13.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	2.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	6.000