

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting:	CT250611	Call Order: 004	Proposal: T5851	District:05
Counties:	ORANGE			
Road Name:	SR 500 (US 441)			
Limits:	FROM N OF SR 50 TO SR 414 INTERCHANGE RAMPS			
Project(s):	43643315201	Federal Aid No:	N/A	
Project(s):	43643315202	Federal Aid No:	N/A	
Project(s):	43643315601	Federal Aid No:	N/A	
Project(s):	43643315602	Federal Aid No:	N/A	
Project(s):	44710415201(*)	Federal Aid No:	D524044B	
Total Roadway Length:	6.420 Miles	Contract Days:	520	
Total Bridge Length:	0.084 Miles	Letting Date:	06/11/25	
Total Proposal Length:	5.918 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	120 Days	
Proposal Budget Estimate:	\$38,437,606.00			

Please read the full advertisement

Description:

The Improvements under this Contract consist of milling & resurfacing, base work, shoulder treatment, landscaping, drainage improvements, curb & gutter, bike lane, sidewalk, traffic signals, signing/pavement markings, lighting, and utility adjustments on State Road 500 (US 441) from North of State Road 50 to State Road 414 Interchange Ramps approximately 5.918 miles in Orange County. Milling & resurfacing, base work, shoulder treatment, drainage improvements, curb & gutter, bike path/trail, sidewalk, traffic signals, signing/pavement markings, lighting, and utility work on Clarcona-Ocoee Road, Pine Hills Road, Beggs Road, and State Road 500 (US 441) from Hiwassee Road to North of State Road 414, approximately 3.619 miles in Orange County.

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43643315201)	LS	1.000
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	67.600
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	3,966.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	4,009.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43643315201)	LS	1.000
	0101- 1-	MOBILIZATION (44710415201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43643315201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44710415201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44710415201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (43643315201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	136.000
	0102- 25-100	PEDESTRIAN ESCORT OPERATION	HR	1,500.000
	0102- 60-	WORK ZONE SIGN	ED	433,020.000
	0102- 61-	BUSINESS SIGN	EA	30.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	690.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	65.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	163.000

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	1,458,900.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	392,999.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	61,110.000
	0102- 78- 1	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER, TYPE D	EA	6,870.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	2.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	10,500.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	7,280.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	7,280.000
	0102-115-	TYPE III BARRICADE	ED	2,460.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	8,320.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	8,320.000
	0102-913- 24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	525.000
	0104- 10- 3	SEDIMENT BARRIER	LF	75,971.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	2.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	286.000
	0107- 1-	LITTER REMOVAL	AC	1,204.320
	0107- 2-	MOWING	AC	1,204.320
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43643315201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43643315201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43643315201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43643315601)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43643315602)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44710415201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	14,595.000
	0120- 1-	REGULAR EXCAVATION	CY	8,782.000
	0120- 4-	SUBSOIL EXCAVATION	CY	488.000
	0120- 6-	EMBANKMENT	CY	10,110.000
	0160- 4-	TYPE B STABILIZATION	SY	21,105.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	20,711.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	67.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	4,067.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	1,289.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	1,140.000
	0327- 70- 2	MILLING EXISTING ASPHALT PAVEMENT, 3 1/2" AVG DEPTH	SY	35,798.000
	0327- 70- 3	MILLING EXISTING ASPHALT PAVEMENT, 4 1/2" AVG DEPTH	SY	3,798.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	72,503.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	19,207.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	9,980.000
	0327- 70- 18	MILLING EXISTING ASPHALT PAVEMENT, 5 1/2" AVG DEPTH	SY	1,178.000
	0327- 70- 19	MILLING EXISTING ASPHALT PAVEMENT, 3/4" AVG DEPTH	SY	2,571.000
	0327- 70- 20	MILLING EXISTING ASPHALT PAVEMENT, 3 3/4" AVG DEPTH	SY	37,532.000

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
	0327- 70- 22	MILLING EXISTING ASPHALT PAVEMENT, 4 1/4" AVG DEPTH	SY	82,461.000
	0327- 70- 35	MILLING EXISTING ASPHALT PAVEMENT, 8 1/4" AVG DEPTH	SY	2,124.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	58.700
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	35,945.700
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	5,680.500
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	11,087.300
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	42.400
	0350- 30- 13	CONCRETE PAVEMENT FOR ROUNDABOUT APRON, 12" DEPTH	SY	70.000
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	1,134.100
	0425- 1-311	INLETS, CURB, TYPE P-1, <10'	EA	1.000
	0425- 1-335	INLETS, CURB, TYPE P-3, PARTIAL	EA	1.000
	0425- 1-345	INLETS, CURB, TYPE P-4, PARTIAL	EA	2.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	2.000
	0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	3.000
	0425- 1-365	INLETS, CURB, TYPE P-6, PARTIAL	EA	2.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	1.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	3.000
	0425- 1-523	INLETS, DT BOT, TYPE C, JBOT, <10'	EA	2.000
	0425- 1-531	INLETS, DITCH BOTTOM, TYPE C MODIFIED- BACK OF SIDEWALK, <10'	EA	2.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	14.000
	0425- 1-543	INLETS, DITCH BOTTOM, TYPE D, J BOT, <10'	EA	2.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	1.000
	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	4.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	1.000
	0425- 5-	MANHOLE, ADJUST	EA	5.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	2.000
	0425- 6-	VALVE BOXES, ADJUST	EA	16.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	161.000
	0430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	520.000
	0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	235.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	450.000
	0430-174-230	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 30"SD	LF	281.000
	0430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"S/CD	LF	738.000
	0430-175-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"S/CD	LF	96.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	303.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	2.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	3.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	17.000
	0430-984-133	MITERED END SECTION , OPTIONAL ROUND, 30" SD	EA	2.000

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	2.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	1.000
	0430-984-633	MITERED END SECT, OPTIONAL /ELLIP/ARCH, 30" SD	EA	7.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	4,464.000
	0515- 1- 42	PIPE HANDRAIL - GUIDERAIL, RELOCATE, ALUMINUM	LF	34.000
	0515- 2-312	PEDESTRIAN / BICYCLE RAILING, ALUMINUM, 42" TYPE 2	LF	595.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	1,991.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	5,054.000
	0520- 2- 1	CONCRETE CURB, TYPE A	LF	4,724.000
	0520- 2- 2	CONCRETE CURB, TYPE B	LF	50.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	150.000
	0520- 2- 8	CONCRETE CURB, TYPE RA	LF	161.000
	0520- 3-	VALLEY GUTTER- CONCRETE	LF	77.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	4.000
	0520- 5- 12	TRAFFIC SEPARATOR CONCRETE-TYPE I, 6' WIDE	LF	870.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	734.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	3,872.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	24,533.000
	0522- 3-	BUS BOARDING PAD- CONCRETE	SY	138.000
	0524- 1- 1	CONCRETE DITCH PAVT, NON REINFORCED, 3"	SY	165.000
	0524- 3-	CONC CORE DITCH BLOCKS	CY	1.700
	0527- 2-	DETECTABLE WARNINGS	SF	2,862.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	99.900
	0530- 74-	BEDDING STONE	TN	29.300
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	125.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	2.000
	0550- 10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	641.000
	0550- 10-228	FENCING, TYPE B, 5.1-6.0, RESET EXISTING	LF	36.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	70,126.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	489.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	8.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	196.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	8.000
	0639- 8-100	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), DUKE (DO NOT BID) (44710415201)	LS	1.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	16.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	16.000
	0695- 7-162	TRAFFIC MONITORING SITE CABINET, F&I, TYPE 3, 2 PANE BACK, PEDESTAL MOUNT	EA	3.000
	0695- 7-600	TRAFFIC MONITORING SITE CABINET, REMOVE EXISTING CABINET	EA	5.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	340.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	59.837
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	1.429

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	488.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	5,940.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	17,745.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	32.560
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	9.683
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	213.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	973.000
	0710- 11-180	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YIELD LINE	LF	132.000
	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	137.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	31.962
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	2,862.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	5.318
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	3,557.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	12.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43643315201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44710415201)	LS	1.000
Section 0003 Signing				
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	196.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	25.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	10.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	36.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	209.000
	0700- 1-911	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I CANTILEVER GROUND MOUNT, LESS THAN 12 SF	EA	6.000
	0700- 2-500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	1.000
	0700- 2-600	MULTI-COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	1.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	3.000
	0700- 3-502	SIGN PANEL, RELOCATE, 12-20 SF	EA	28.000
	0700-142-131	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/EDS, UP TO 12 SF OF STATIC SIGN PANELS	EA	12.000
	0704- 1- 3	TUBULAR MARKER, 36" WHITE POST	EA	14.000
	0704- 1- 4	TUBULAR MARKER, 36" YELLOW POST	EA	73.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	26.000
	0705- 11- 2	DELINEATOR, NON-FLEXIBLE	EA	10.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	6,684.000
	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	46.000

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	1,214.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43643315201)	LS	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44710415201)	LS	1.000
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.505
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	3,805.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1,980.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	2,345.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	3.264
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	23.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	293.000
	0711- 11-180	THERMOPLASTIC, STANDARD, WHITE, YIELD LINE	LF	58.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	969.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	1.778
	0711- 14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	5,968.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	6,572.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	59.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	52.000
	0711- 14-191	THERMOPLASTIC, PREFORMED, 6" WHITE, RAILROAD DYNAMIC ENVELOPE	LF	94.000
	0711- 14-194	THERMOPLASTIC, PREFORMED, 12" WHITE WITH 4" OUTSIDE BLACK CONTRAST ON CONCRETE PAVEMENT, RAILROAD DYNAMIC ENVELOPE	LF	1,572.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	8.796
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	5.407
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	4.823
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	11.621
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	5.262
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	5.928
	0713-100- 6	PERMANENT TAPE, WHITE, SOLID, 18"	LF	170.000
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.259
	0713-103-102	PERMANENT TAPE, WHITE, SOLID, 8" EXIT LANE AT INTERCHANGE ON CONCRETE PAVEMENT	GM	0.065
	0713-103-173	PERMANENT TAPE, WHITE, 3-9 DOTTED, 12" WIDE, FOR CONCRETE SURFACES	GM	0.039
	0713-103-181	PERMANENT TAPE, WHITE, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.206

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.311
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	1,630.000
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	851.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	3,685.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	39.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	3,514.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	6,323.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	5,973.000
	0715- 61-221	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 35' MOUNTING HEIGHT, 10' ARM LENGTH	EA	4.000
	0715- 61-442	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT, 12' ARM LENGTH	EA	6.000
	0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	8.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	10.000
Section 0005 Signalization				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	10.092
	0611- 2- 1	ITSFM LOCATION DOCUMENTATION- INTERSECTION	EA	12.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	2,010.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	5,204.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	505.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	13.000
	0632- 7- 4	SIGNAL CABLE, ADJUST	PI	2.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	10.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	307.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	1,665.000
	0633- 1-123	FIBER OPTIC CABLE, F&I, UNDERGROUND,49-96 FIBERS	LF	205.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	230.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	136.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	72.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	3.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	12.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	8.000
	0633- 3- 14	FIBER OPTIC CONNECTION HARDWARE, F&I, BUFFER TUBE FAN OUT KIT	EA	7.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	12.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	1,040.000
	0633- 8- 11	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, CAT 6	LF	285.000
	0634- 4-151	SPAN WIRE ASSEMBLY, F&I, TWO POINT, PERPENDICULAR	PI	1.000
	0634- 4-153	SPAN WIRE ASSEMBLY, F&I, TWO POINT, BOX OR DROP BOX	PI	4.000
	0634- 4-154	SPAN WIRE ASSEMBLY, F&I, TWO POINT, OTHER TYPE	PI	1.000
	0634- 4-600	SPAN WIRE ASSEMBLY, REMOVE- POLES REMAIN	PI	5.000

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	190.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	10.000
	0635- 2- 30	PULL & SPLICE BOX, INSTALL	EA	5.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	5.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	4.000
	0639- 1-610	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD	AS	5.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	734.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	1.000
	0641- 2- 11	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II PEDESTAL	EA	4.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	1.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	1.000
	0641- 2- 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	8.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	82.000
	0646- 1- 40	ALUMINUM SIGNALS POLE, RELOCATE	EA	1.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	19.000
	0649- 21- 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	EA	1.000
	0649- 21- 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA	3.000
	0649- 21- 5	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 40'-40'	EA	1.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	5.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	78.000
	0650- 1- 15	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 2-4 WAYS	AS	2.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	4.000
	0650- 1- 19	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION CLUSTER, 1 WAY	AS	5.000
	0650- 1- 34	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 3 SECTION, 1 WAY	AS	3.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	15.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	46.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	4.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	8.000
	0654- 3- 10	MIDBLOCK CROSSWALK: PEDESTRIAN HYBRID BEACON ASSEMBLY, FURNISH & INSTALL COMPLETE ASSEMBLY	AS	6.000
	0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	8.000
	0660- 1-110	LOOP DETECTOR INDUCTIVE, F&I, TYPE 10	EA	3.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	10.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	10.000

Call Order: 004 Proposal: T5851

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	16.000
	0660- 3- 60	VEHICLE DETECTION SYSTEM - MICROWAVE, REMOVE, COMPLETE SYSTEM	EA	1.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	4.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	13.000
	0660- 4- 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	EA	4.000
	0663- 1-111	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, CABINET ELECTRONICS	EA	4.000
	0663- 1-112	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, DETECTOR	EA	6.000
	0663- 1-122	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, DETECTOR	EA	5.000
	0663- 1-123	SIGNAL PRIORITY AND PREEMPTION SYSTEM, FURNISH AND INSTALL, GPS, CABINET ELECTRONICS	EA	5.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	59.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	6.000
	0670- 5-111	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 1 PREEMPTION	AS	7.000
	0670- 5-112	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA, 2 PREEMPTION	AS	3.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	9.000
	0670- 5-710	TRAFFIC CONTROLLER ASSEMBLY, MODIFY ONLY - NO COMPONENTS ADDED	AS	2.000
	0682- 1-113	ITS CCTV CAMERA, F&I, DOME PTZ ENCLOSURE - PRESSURIZED, IP, HIGH DEFINITION	EA	2.000
	0682- 1-143	ITS CCTV CAMERA, F&I, EXTERNAL POSITIONER PTZ- NON-PRESSURIZED, IP, HIGH DEFINITION	EA	2.000
	0682- 1-400	ITS CCTV CAMERA, RELOCATE	EA	2.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	11.000
	0685- 1- 13	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE WITH CABINET	EA	4.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	9.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	7.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	9.000
	0700- 3-202	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 12-20 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	7.000
	0700- 5- 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	19.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	9.000
	0700-141-360	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I OVERHEAD MOUNT, BLANK OUT SIGN <12 SF	EA	3.000
Section 0006 Landscape / Peripheral				
	0580- 1- 1	LANDSCAPE COMPLETE- SMALL PLANTS (44710415201)	LS	1.000
	0580- 1- 2	LANDSCAPE COMPLETE- LARGE PLANTS (44710415201)	LS	1.000

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
Section 0007 Utilities				
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43643315601)	LS	1.000
	0999- 26-	LOCAL AGENCY INITIAL CONTINGENCY AMOUNT (DO NOT BID) (43643315602)	LS	1.000
	1050- 16-004	UTILITY PIPE,REMOVE & DISPOSE, 8-19.9"	LF	2,478.000
	1050- 18-004	UTILITY PIPE,PLUG & PLACE OUT OF SERVICE, 8-19.9"	LF	158.000
	1050- 19-215	UTILITY PIPE, TEMPORARY, PVC, CASING/CONDUIT, 20-49.9"	LF	145.000
	1050- 41-201	UTILITY PIPE- POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 1"	LF	15.000
	1050- 41-202	UTILITY PIPE- POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 2"	LF	90.000
	1050- 42-220	UTILITY PIPE- HIGH DENSITY POLYETHYLENE, FURNISH & INSTALL, WATER/SEWER, 20"	LF	537.000
	1050- 51-208	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 8"	LF	45.000
	1050- 51-212	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 12"	LF	76.000
	1050- 51-216	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 16"	LF	1,144.000
	1055- 51-108	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 8"	EA	4.000
	1055- 51-112	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 12"	EA	5.000
	1055- 51-116	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 16"	EA	20.000
	1055- 51-216	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 16"	EA	1.000
	1055- 51-316	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 16"	EA	1.000
	1055- 51-320	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 20"	EA	2.000
	1055- 51-408	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL UNION, 8"	EA	1.000
	1055- 51-510	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 10"	EA	7.000
	1055- 51-512	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 12"	EA	1.000
	1055- 51-516	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 16"	EA	7.000
	1080- 21-106	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 6"	EA	2.000
	1080- 21-108	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 8"	EA	6.000
	1080- 21-116	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 16"	EA	12.000
	1080- 21-120	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 20"	EA	14.000
	1080- 21-130	UTILITY FIXTURE, VALVE/METER BOX, FURNISH & INSTALL, 30"	EA	1.000
	1080- 21-500	UTILITY FIXTURE, VALVE/METER BOX, ADJUST	EA	8.000
	1080- 21-600	UTILITY FIXTURE, VALVE/METER BOX, REMOVE	EA	44.000
	1080- 23-112	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 12"	EA	1.000
	1080- 23-116	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 16"	EA	7.000

Call Order: 004 Proposal: T5851

ALT	Item	Description	Unit	Quantity
	1080- 24-108	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 8"	EA	1.000
	1080- 24-112	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 12"	EA	1.000
	1080- 24-116	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 16"	EA	7.000
	1080- 26-116	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH AND INSTALL, 16"	EA	1.000
	1080- 27-112	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 12"	EA	1.000
	1080- 27-116	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 16"	EA	6.000
	1080- 33-116	UTILITY FIXTURE, PLUG VALVE, FURNISH AND INSTALL 16"	EA	4.000
	1644-113- 08	FIRE HYDRANT, F&I, STANDARD, 2 HOSE, 1PUMPER, 6"	EA	8.000
	1644-400-	FIRE HYDRANT, SALVAGE & STORE	EA	10.000