

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

Letting: CT210526 Call Order: 021 Proposal: T7471 District:07
 Counties: HILLSBOROUGH
 Road Name: SR 45 (US 41)
 Limits: AND BIG BEND RD INTERSECTION
 Project(s): 44138715201(*) Federal Aid No: D720029B
 Project(s): 44138715202 Federal Aid No: D720029B
 Project(s): 44138715601 Federal Aid No: N/A
 Total Roadway Length: 8.516 Miles Contract Days: 700
 Total Bridge Length: 0.000 Miles Letting Date: 05/26/21
 Total Proposal Length: 8.516 Miles Contract Execution Days: 10
 Special Start Date: N/A
 Aquis/Flexible Start Time: 120 Calendar Days
 Proposal Budget Estimate: \$27,219,275.00

Please read the full advertisement

Description: Flexible Start

Railroad insurance is required for this Proposal at time of contract execution. Please see the Specifications Package for more information.

The improvements under this contract consist of milling and resurfacing, sidewalk construction, reconstruction of SR 45 (US 41) to rigid concrete pavement, signals upgrades, signing and pavement marking and drainage improvements. Water main and force main improvements are included.

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0101- 1-	MOBILIZATION (44138715201)	LS	1.000
	0101- 1-	MOBILIZATION (44138715202)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44138715201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (44138715202)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (44138715201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (44138715201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	144.000
	0102- 4-	PEDESTRIAN SPECIAL DETOUR (44138715201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	600.000
	0102- 60-	WORK ZONE SIGN	ED	157,113.000
	0102- 61-	BUSINESS SIGN	EA	9.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	4,746.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	708.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	8,359.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	1,051.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	1,465,140.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	541,190.000
	0102- 75- 1	TEMPORARY SEPARATOR, F&I REMOVE	LF	6,230.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	4,405.000

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	0102- 78-	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER	EA	9,735.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	21.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,432.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	4,200.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	4,200.000
	0102-115-	TYPE III BARRICADE	ED	4,006.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	1,400.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	1,400.000
	0102-913- 21	REMOVABLE TAPE, WHITE, SOLID 6"	GM	2.750
	0102-913- 23	REMOVABLE TAPE, WHITE, 24" STOP BAR	LF	177.000
	0102-913- 24	REMOVABLE TAPE, WHITE, 12" CROSSWALK	LF	692.000
	0102-913- 29	REMOVABLE TAPE, WHITE, MESSAGE, SYMBOL OR ARROW	EA	56.000
	0102-913- 31	REMOVABLE TAPE, YELLOW, SOLID, 6"	GM	1.379
	0104- 10- 3	SEDIMENT BARRIER	LF	84,532.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	620.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	8.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	101.000
	0107- 1-	LITTER REMOVAL	AC	2,503.530
	0107- 2-	MOWING	AC	723.070
	0110- 1- 1	CLEARING & GRUBBING (44138715201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (44138715202)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	8,078.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	18.000
	0120- 1-	REGULAR EXCAVATION	CY	16,851.000
	0120- 6-	EMBANKMENT	CY	12,455.000
	0160- 4-	TYPE B STABILIZATION	SY	68,041.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	45,570.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10	SY	7,369.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	5,086.000
	0327- 70- 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	647.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	666.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	32,647.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	166,453.000
	0327- 70- 15	MILLING EXISTING ASPHALT PAVEMENT, 2 3/4" AVG DEPTH	SY	111,545.000
	0327- 70- 17	MILLING EXISTING ASPHALT PAVEMENT, 3 1/4" AVG DEPTH	SY	41,767.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	38,095.000
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	13,405.100
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	1,298.300
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	25.500
	0350- 3- 11	PLAIN CEMENT CONCRETE PAVEMENT, 11"	SY	35,257.000
	0350- 5-	CLEANING & SEALING JOINTS- CONCRETE PAVEMENT	LF	59,585.000
	0352- 70-	GRINDING CONCRETE PAVEMENT	SY	34,373.000
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	1,013.000
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	55.000

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ALT	Item	Description	Unit	Quantity
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	7,135.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	11.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	1.000
	0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	4.000
	0425- 1-525	INLETS, DITCH BOTTOM, TYPE C, PARTIAL	EA	1.000
	0425- 1-529	INLETS, DT BOT, TYPE C, MODIFY	EA	3.000
	0425- 1-531	INLETS, DITCH BOTTOM, TYPE C MODIFIED- BACK OF SIDEWALK, <10'	EA	1.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	5.000
	0425- 1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	1.000
	0425- 1-711	INLETS, GUTTER, TYPE V, <10'	EA	3.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	1.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	7.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	1.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	5.000
	0425- 5-	MANHOLE, ADJUST	EA	1.000
	0425- 82-	REPLACE GRATE	EA	2.000
	0430-174-115	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 15"SD	LF	19.000
	0430-174-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18"SD	LF	477.000
	0430-174-124	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 24"SD	LF	173.000
	0430-174-218	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 18"SD	LF	405.000
	0430-174-224	PIPE CULVERT, OPTIONAL MATERIAL, OTHER SHAPE - ELLIP/ARCH, 24"SD	LF	33.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	25.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	1,514.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	651.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	200.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	220.000
	0430-175-215	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 15"S/CD	LF	4.000
	0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	665.000
	0430-518-100	STRAIGHT CONCRETE ENDWALLS, 18", SINGLE, 0 DEGREES, ROUND	EA	4.000
	0430-518-110	STRAIGHT CONCRETE ENDWALLS, 18", SINGLE, 15 DEGREES, ROUND	EA	1.000
	0430-536-100	STRAIGHT CONCRETE ENDWALLS, 36", SINGLE, 0 DEGREES, ROUND	EA	2.000
	0430-982-123	MITERED END SECTION, OPTIONAL ROUND, 15" CD	EA	1.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	3.000
	0430-984-123	MITERED END SECTION, OPTIONAL ROUND, 15" SD	EA	4.000
	0430-984-125	MITERED END SECTION, OPTIONAL ROUND, 18" SD	EA	23.000
	0430-984-129	MITERED END SECTION, OPTIONAL ROUND, 24" SD	EA	10.000
	0430-984-133	MITERED END SECTION , OPTIONAL ROUND, 30" SD	EA	1.000
	0430-984-625	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 18" SD	EA	14.000
	0430-984-629	MITERED END SECT, OPTIONAL - ELLIPTICAL / ARCH, 24" SD	EA	7.000
	0430-984-638	MITERED END SECT, OPTIONAL /ELLIP/ARCH, 36" SD	EA	1.000

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ALT	Item	Description	Unit	Quantity
	0446- 1- 1	EDGEDRAIN DRAINCRETE, STANDARD	LF	6,773.000
	0446- 71- 1	EDGEDRAIN OUTLET PIPE, 4"	LF	382.000
	0515- 1- 1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	1,098.000
	0515- 2-211	PEDESTRIAN / BICYCLE RAILING, STEEL, 42" TYPE 1	LF	127.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	6,201.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	54.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	427.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	147.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	8,762.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	840.000
	0524- 1- 2	CONCRETE DITCH PAVEMENT, NON REINFORCED, 4"	SY	20.000
	0527- 2-	DETECTABLE WARNINGS	SF	2,662.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	357.900
	0530- 74-	BEDDING STONE	TN	257.300
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	425.000
	0536- 7- 2	SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT	EA	12.000
	0536- 7- 3	SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT	EA	8.000
	0536- 73-	GUARDRAIL REMOVAL	LF	478.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	4.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	4.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	53,840.000
	0570- 1- 3	PERFORMANCE TURF, SOD AND SOIL- SHOULDER TREATMENT INDEX 570-010	SY	47,265.000
	0571- 1- 11	PLASTIC EROSION MAT, TURF REINFORCED MAT, TYPE 1	SY	889.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	129.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	138.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	4.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	12.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	12.000
	0695- 7-132	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 3, PEDESTAL MOUNT	EA	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	2.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	37.787
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	10,238.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	3,354.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	8,468.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	30.890
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	14.117
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	133.000

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	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	587.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	20.494
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	1,956.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	2.884
	0999- 16-	PARTNERING, DO NOT BID (44138715201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	15.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44138715201)	LS	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44138715202)	LS	1.000
Section 0002 Signing				
	0546- 72- 3	GROUND-IN RUMBLE STRIPS, 8" SINUSOIDAL	GM	11.094
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	186.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	40.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	4.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	20.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	172.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	6.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	2.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	6.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	65.000
	0700- 3-103	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 21-30 SF	EA	2.000
	0700- 3-105	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 51-100 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	67.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	2.000
	0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA	2.000
	0701- 18-201	PROFILED THERMOPLASTIC, STANDARD- ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	8.934
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	65.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	69.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (44138715201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	8,879.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	3,154.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	1,840.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	6.032
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	22.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	274.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	1,228.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	2.421
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	6,211.000

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	0711- 14-141	THERMOPLASTIC, PREFORMED, WHITE, 2-4 DOTTED GUIDELINE ON CONCRETE SURFACES	GM	0.285
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	99.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	99.000
	0711- 14-191	THERMOPLASTIC, PREFORMED, 6" WHITE, RAILROAD DYNAMIC ENVELOPE	LF	172.000
	0711- 14-193	THERMOPLASTIC, PREFORMED, 12" WHITE ON ASPHALT PAVEMENT RAILROAD DYNAMIC ENVELOPE	LF	1,270.000
	0711- 14-341	THERMOPLASTIC, PREFORMED, BLACK, 2-4 DOTTED GUIDELINE ON CONCRETE SURFACES	GM	0.281
	0711- 14-526	THERMOPLASTIC, PREFORMED, 24" WHITE WITH 4" BLACK CONTRAST FOR CROSSWALK ON CONCRETE PAVEMENT, 32"	LF	734.000
	0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	13.000
	0711- 14-570	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST, ARROW ON CONCRETE SURFACE	EA	79.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	22.300
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	2.764
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	15.257
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	5.370
	0711- 15-202	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES YELLOW, SOLID, 8"	GM	0.048
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	2.791
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.284
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.396
	0713-103-131	PERMANENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.983
	0713-103-133	PERMANENT TAPE, WHITE, SKIP, 12" WIDE 3'-9' DROP LANE ON CONCRETE SURFACES	GM	0.108
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.991
	0713-103-333	PERMANENT TAPE, BLACK, 3'-9' DROP LANE, 12" ON CONCRETE SURFACES	GM	0.108
Section 0003 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	4,587.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	3,719.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	40.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	27,798.000
	0715- 4- 13	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT	EA	1.000
	0715- 4- 60	LIGHT POLE COMPLETE, RELOCATE	EA	25.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	26.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,075.000

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	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,495.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	6.000
	0633- 1-420	FIBER OPTIC CABLE, RELOCATE, UNDERGROUND	LF	110.000
	0633- 4- 4	SIGNALS COMMUNICATION CABLE- TWISTED PAIR CABLE, RELOCATE	LF	10.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	58.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	1.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	32.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	2.000
	0646- 1- 40	ALUMINUM SIGNALS POLE, RELOCATE	EA	3.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	23.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 21-130	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE 82'-78', PROJECT 441387-1-52-01	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	13.000
	0650- 2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA	7.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	49.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	18.000
	0660- 1-600	LOOP DETECTOR INDUCTIVE, REMOVE- CABINET TO REMAIN	EA	42.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	6.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	24.000
	0660- 4- 60	VEHICLE DETECTION SYSTEM- VIDEO, REMOVE	EA	1.000
	0663- 1-112	SIGNAL PRIORITY AND PREEMPTION SYSTEM, F&I, OPTICAL, DETECTOR	EA	3.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	52.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	18.000
	0670- 5-400	TRAFFIC CONTROLLER ASSEMBLY, MODIFY	AS	6.000
	0678- 1-104	CONTROLLER ACCESSORIES, REPLACE EXISTING- FURNISH AND INSTALL, LOAD SWITCH	EA	4.000
	0682- 1-400	ITS CCTV CAMERA, RELOCATE	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	3.000
Section 0005 Utilities				
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (44138715601)	LS	1.000
	1050- 16-002	UTILITY PIPE,REMOVE & DISPOSE, 2-4.9"	LF	745.000
	1050- 16-004	UTILITY PIPE,REMOVE & DISPOSE, 8-19.9"	LF	1,383.000
	1050- 16-005	UTILITY PIPE,REMOVE & DISPOSE, 20-49.9"	LF	702.000

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ALT	Item	Description	Unit	Quantity
	1050- 17-004	UTILITY PIPE,REMOVE & STOCKPILE/SALVAGE, 8-19.9"	LF	1,867.000
	1050- 31-202	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 2"	LF	24.000
	1050- 31-208	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 8"	LF	11.000
	1050- 31-210	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 10"	LF	925.000
	1050- 31-212	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 12"	LF	1,104.000
	1050- 51-206	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 6"	LF	21.000
	1050- 51-220	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 20"	LF	1,268.000
	1050- 51-224	UTILITY PIPE- DUCTILE IRON/CAST IRON, FURNISH & INSTALL, WATER/SEWER, 24"	LF	742.000
	1055- 51-108	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 8"	EA	8.000
	1055- 51-110	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 10"	EA	9.000
	1055- 51-112	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 12"	EA	16.000
	1055- 51-118	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 18"	EA	2.000
	1055- 51-120	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 20"	EA	9.000
	1055- 51-124	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL ELBOW, 24"	EA	2.000
	1055- 51-210	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 10"	EA	2.000
	1055- 51-212	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 12"	EA	1.000
	1055- 51-220	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 20"	EA	2.000
	1055- 51-224	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL TEE, 24"	EA	1.000
	1055- 51-320	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 20"	EA	5.000
	1055- 51-324	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL REDUCER, 24"	EA	2.000
	1055- 51-408	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL UNION, 8"	EA	1.000
	1055- 51-412	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL UNION, 12"	EA	2.000
	1055- 51-420	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL UNION, 20"	EA	2.000
	1055- 51-512	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 12"	EA	1.000
	1055- 51-518	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 18"	EA	2.000
	1055- 51-524	UTILITY FITTINGS, DUCTILE IRON/CAST IRON, FURNISH & INSTALL, CAP/PLUG, 24"	EA	2.000
	1080- 21-500	UTILITY FIXTURE, VALVE/METER BOX, ADJUST	EA	25.000

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ALT	Item	Description	Unit	Quantity
	1080- 23-118	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 18"	EA	2.000
	1080- 23-120	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 20"	EA	1.000
	1080- 23-124	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 24"	EA	2.000
	1080- 24-112	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 12"	EA	3.000
	1080- 24-120	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 20"	EA	2.000
	1080- 24-124	UTILITY FIXTURE, VALVE ASSEMBLY, FURNISH AND INSTALL, 24"	EA	1.000
	1080- 25-600	UTILITY FIXTURE- BLOWOFF ASSEMBLY, REMOVE	EA	1.000
	1080- 26-102	UTILITY FIXTURE, VAC/AIR ASSEMBLY, FURNISH & INSTALL 2"	EA	3.000
	1080- 26-600	UTILITY FIXTURE, VAC/AIR ASSEMBLY, REMOVE	EA	1.000
	1080- 27-110	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 10	EA	1.000
	1080- 27-112	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 12	EA	3.000
	1080- 27-118	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 18	EA	3.000
	1080- 27-120	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 20	EA	1.000
	1080- 27-124	UTILITY FIXTURE- LINE STOP ASSEMBLY, FURNISH AND INSTALL, 24	EA	2.000
	1080- 33-108	UTILITY FIXTURE, PLUG VALVE, FURNISH AND INSTALL 8"	EA	1.000
	1080- 33-110	UTILITY FIXTURE, PLUG VALVE, FURNISH AND INSTALL 10"	EA	1.000
	1644-116- 08	FIRE HYDRANT, STANDARD, F&I, 3 WAY, 2 HOSE, 1 PUMPER, 6"	EA	1.000
	1644-900-	FIRE HYDRANT, REMOVE	EA	1.000