

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

Letting:	CT220112	Call Order: 006	Proposal: T4583	District:04
Counties:	ST LUCIE			
Road Name:	SR A1A (NORTH CAUSEWAY) AND SR 5 (US 1/N FEDERAL HWY)			
Limits:	AT VARIOUS LOCATIONS AS LISTED IN PLANS			
Project(s):	42993625201(*)	Federal Aid No: D420092B		
Total Roadway Length:	0.419 Miles	Contract Days:	1357	
Total Bridge Length:	0.786 Miles	Letting Date:	01/12/22	
Total Proposal Length:	1.205 Miles	Contract Execution Days:	10	
		Special Start Date:	N/A	
		Aquis/Flexible Start Time:	15 Calendar Days	

Proposal Budget Estimate: \$91,021,542.00

Please read the full advertisement

**Description:**

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

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

The improvements under this contract consist of, but are not limited to, construction of Bridge No. 940166 SR A1A (North Causeway) North Bridge over Intracoastal Waterway (ICWW), maintenance and demolition of Bridge No. 940045 (existing bascule bridge), construction of Bridge No. 949903 East Coast Greenway (EGC) (shared-use path), construction of an observation deck, bridge fender system, piles (prestressed, test), drilled shafts, and special detours, as well as roadway, drainage, signing, pavement markings, signalization, and lighting, along SR 5 (US 1 / N. Federal Highway), CR 605 (Old Dixie Highway) (improvements), Marina Access Road (new), Juanita Avenue (extension, new signalized intersection), North Causeway Island Park Access Road (new), and Sunny Lane (extension) for 1.205 miles in the City of Fort Pierce and unincorporated St. Lucie County.

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ALT	Item	Description	Unit	Quantity
<b>Section 0001 Structures</b>				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (42993625201-940166)	LS	1.000
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	185.400
	0400- 3- 20	CONC CLASS III, SEAL	CY	2,713.900
	0400- 4- 4	CONCRETE CLASS IV, SUPERSTRUCTURE	CY	7,955.200
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	584.300
	0400- 4- 8	CONC CLASS IV, BULKHEAD	CY	16.500
	0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	16,490.000
	0400- 4- 47	CONCRETE CLASS IV, CAST IN PLACE TOPPING WITH SHRINKAGE REDUCING ADMIXTURE	CY	215.100
	0400- 7- 1	BRIDGE DECK GROOVING	SY	18,703.000
	0400- 9- 1	BRIDGE DECK PLANING	SY	29,637.000
	0400-147-	COMPOSITE NEOPRENE PADS	CF	114.200
	0400-148-	PLAIN NEOPRENE BEARING PADS	CF	20.100

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ALT	Item	Description	Unit	Quantity
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	2,323,348.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	4,670,923.000
	0415- 1- 8	REINFORCING STEEL- BULKHEAD	LB	40.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	32,735.000
	0415- 2- 5	STAINLESS REINFORCING STEEL, SUBSTRUCTURE	LB	8,928.000
	0415- 10- 4	FIBER REINFORCED POLYMER BARS, #4 BAR	LF	5,569.000
	0415- 10- 5	FIBER REINFORCED POLYMER BARS, #5 BAR	LF	23,774.000
	0415- 10- 6	FIBER REINFORCED POLYMER BARS, #6 BAR	LF	3,181.000
	0415- 10- 8	FIBER REINFORCED POLYMER BARS, #8 BAR	LF	1,311.000
	0450- 2- 84	PREST BEAMS: FLORIDA-I BEAM 84"	LF	26,266.000
	0450- 8- 72	PRESTRESSED BEAM: FLORIDA SLAB BEAM, BEAM DEPTH 18" CFRP/SS, WIDTH 52-54"	LF	1,421.000
	0455- 14- 23	CONCRETE SHEET PILING, CFRP/GFRP 10" X 30" w/FRP STRAND & REINFORCING	LF	621.000
	0455- 34- 6	PRESTRESSED CONCRETE PILING, 30" SQ	LF	15,874.000
	0455- 34- 23	PRESTRESSED CONCRETE PILING, 18" SQ W/FRP OR STAINLESS STEEL STRAND AND REINFORCING	LF	1,676.000
	0455- 34- 25	PRESTRESSED CONCRETE PILING, 24" SQ W/FRP OR STAINLESS STEEL STRAND AND REINFORCING	LF	120.000
	0455- 34-336	PRESTRESSED CONCRETE PILING, INCLUDES 100% DYNAMIC TESTING, PROJECT429936-2-52-01, SIZE 30"	LF	11,118.000
	0455- 87-	ANCHOR BAR, STEEL	EA	8.000
	0455- 88- 4	DRILLED SHAFT, 42" DIA	LF	539.000
	0455- 88- 5	DRILLED SHAFT, 48" DIA	LF	7,427.000
	0455- 89- 4	DRILLED SHAFT TIP GROUTING 42" DIAMETER	EA	7.000
	0455- 89- 5	DRILLED SHAFT TIP GROUTING 48" DIAMETER	EA	84.000
	0455-111-	CORE-PILOT HOLE, DRILLED SHAFT EXCAVATION	LF	240.000
	0455-119-105	LOAD TEST-STATIC, COMPRESSION,1201-1800 TONS	EA	1.000
	0455-122- 4	EXCAVATION UNCLASSIFIED SHAFT, 42" DIA	LF	539.000
	0455-122- 5	EXCAVATION UNCLASSIFIED SHAFT, 48" DIA	LF	7,427.000
	0455-133- 2	SHEET PILING STEEL, TEMPORARY-CRITICAL	SF	23,028.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	35,085.000
	0455-143- 6	TEST PILES-PRESTRESSED CONCRETE,30" SQ	LF	2,030.000
	0455-143- 23	TEST PILES-PRESTRESSED CONCRETE,18" SQ W/ FRP OR STAINLESS STEEL STRAND AND REINFORCING	LF	1,079.000
	0455-147- 1	THERMAL INTEGRITY TESTING, UP TO 4' SHAFT DIAMETER	EA	91.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	357.000
	0458- 1- 12	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I STRIP SEAL	LF	556.000
	0459- 71-	PILES, POLYETHYLENE SHEETING	SY	417.000
	0465- 20-	MOVABLE BRIDGE- PREVENTATIVE MAINTENANCE & ROUTINE REPAIR (42993625201,940166)	LS	1.000
	0465- 21-	MOVABLE BRIDGE OPERATOR	DA	1,357.000
	0471- 3- 3	POLYMERIC FENDER SYSTEM, 201-400 KIP-FT (42993625201,940166)	LS	1.000
	0506- 2-	BRIDGE DRAINAGE PIPE	LF	280.000
	0506- 3-	BRIDGE DRAINS	EA	18.000

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ALT	Item	Description	Unit	Quantity
	0510- 1- 1	NAVIGATION LIGHTS- FIXED BRIDGE, SYSTEM, SOLAR (42993625201,940166)	LS	1.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	8,431.000
	0521- 8- 7	CONCRETE BARRIER, WITH JUNCTION SLAB, 36" SINGLE SLOPE	LF	1,220.000
<b>Section 0002 Roadway</b>				
	0101- 1-	MOBILIZATION (42993625201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (42993625201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (42993625201)	LS	1.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (42993625201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	72.000
	0102- 60-	WORK ZONE SIGN	ED	68,304.000
	0102- 61-	BUSINESS SIGN	EA	10.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	308.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	4,036.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	3,882.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	202,975.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	517,959.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	57.000
	0102- 78- 1	TEMPORARY RAISED/RETROREFLECTIVE PAVEMENT MARKER, TYPE D	EA	5,131.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	14.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	5,618.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	3,020.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	3,020.000
	0102-115-	TYPE III BARRICADE	ED	15,403.000
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (42993625201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (42993625201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (42993625201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	1,938.000
	0110- 73-	REMOVE EXISTING BULKHEAD	LF	40.000
	0110- 84-	TRANSPORT EXISTING MATERIAL FOR REEF ESTABLISHMENT (42993625201)	LS	1.000
	0120- 1-	REGULAR EXCAVATION	CY	96,068.000
	0120- 6-	EMBANKMENT	CY	69,304.000
	0160- 4-	TYPE B STABILIZATION	SY	36,538.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	4,541.000
	0285-704-	OPTIONAL BASE, BASE GROUP 04	SY	1,742.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	15,215.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	1,963.000
	0286- 1-	TURNOUT CONSTRUCTION/DRIVEWAY BASE- OPTIONAL MATERIALS	SY	692.000
	0327- 70- 8	MILLING EXISTING ASPHALT PAVEMENT, 2 1/2" AVG DEPTH	SY	30,871.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	742.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	108.000

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ALT	Item	Description	Unit	Quantity
	0334- 1- 52	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, PG76-22	TN	1,724.000
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	4,516.000
	0337- 7- 80	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG 76-22	TN	1,070.000
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	2,328.000
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	14.000
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	359.000
	0425- 1-211	INLETS, CURB, TYPE 10, <10'	EA	4.000
	0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA	1.000
	0425- 1-341	INLETS, CURB, TYPE P-4, <10'	EA	1.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	15.000
	0425- 1-352	INLETS, CURB, TYPE P-5, >10'	EA	4.000
	0425- 1-359	INLETS, CURB, TYPE P-5, MODIFY	EA	1.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	4.000
	0425- 1-431	INLETS, CURB, TYPE J-3, <10'	EA	1.000
	0425- 1-442	INLETS, CURB, TYPE J-4, >10'	EA	1.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	6.000
	0425- 1-452	INLETS, CURB, TYPE J-5, >10'	EA	2.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	2.000
	0425- 1-521	INLETS, DT BOT, TYPE C, <10'	EA	6.000
	0425- 1-529	INLETS, DT BOT, TYPE C, MODIFY	EA	2.000
	0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA	2.000
	0425- 1-559	INLETS, DT BOT, TYPE E, MODIFY	EA	3.000
	0425- 1-583	INLETS, DT BOT, TYPE H, J BOTTOM <10'	EA	2.000
	0425- 1-589	INLETS, DT BOT, TYPE H, MODIFY	EA	1.000
	0425- 1-711	INLETS, GUTTER, TYPE V, <10'	EA	7.000
	0425- 1-713	INLETS, GUTTER, TYPE V, J BOT, <10'	EA	1.000
	0425- 1-714	INLETS, GUTTER, TYPE V, J BOTTOM, >10'	EA	1.000
	0425- 1-881	INLETS, BARRIER WALL, RIGID, CURB & GUTTER, <=10'	EA	4.000
	0425- 1-882	INLETS, BARRIER WALL, RIGID, CURB & GUTTER, >10'	EA	1.000
	0425- 1-883	INLETS, BARRIER WALL, RIGID, CURB & GUTTER, J BOT<10'	EA	1.000
	0425- 1-884	INLETS, BARRIER WALL, RIGID, CURB & GUTTER, J BOT>10'	EA	1.000
	0425- 1-921	INLETS, ADJACENT BARRIER, <=10'	EA	8.000
	0425- 1-923	INLETS, ADJACENT BARRIER, J BOTTOM, < 10'	EA	4.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	5.000
	0425- 2- 42	MANHOLES, P-7, >10'	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	1.000
	0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	3.000
	0425- 2- 72	MANHOLES, J-7, >10'	EA	2.000
	0425- 2- 73	MANHOLES, J-7, PARTIAL	EA	2.000
	0425- 2- 75	MANHOLES, J-7, >10' CONTROL STRUCTURE	EA	2.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	1.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	3,444.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	1,541.000

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	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	508.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	551.000
	0430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	2,999.000
	0430-175-230	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30"S/C	LF	1,027.000
	0430-524-100	STRAIGHT CONCRETE ENDWALLS, 24", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0430-885- 30	MANATEE GATE FOR 30" PIPE	EA	2.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	1.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	2.000
	0430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	EA	3.000
	0430-982-633	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 30" CD	EA	2.000
	0436- 1- 1	TRENCH DRAIN, STANDARD	LF	43.000
	0443- 70- 4	FRENCH DRAIN, 24"	LF	320.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	1,337.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF	12,818.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	10,915.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	1,397.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	464.000
	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	331.000
	0521- 6- 11	CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 27" HEIGHT	LF	294.000
	0521- 6- 34	CONCRETE PARAPET, RETAINING WALL SYSTEM MOUNTED W/SIDEWALK, CURB	LF	1,207.000
	0521- 8- 3	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 32" VERTICAL FACE	LF	513.000
	0521- 8- 7	CONCRETE BARRIER, WITH JUNCTION SLAB, 36" SINGLE SLOPE	LF	999.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	1,224.000
	0521- 72- 43	SHOULDER CONCRETE BARRIER, CURB AND GUTTER BARRIER	LF	107.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	4,051.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	3,185.000
	0527- 2-	DETECTABLE WARNINGS	SF	728.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	26.500
	0530- 74-	BEDDING STONE	TN	11.400
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	826.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	826.000
	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APPROACH TL-3	EA	1.000
	0536- 73-	GUARDRAIL REMOVAL	LF	1,922.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	1.000
	0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	37,304.000
	0550- 10-325	FENCING, TYPE R, 5.1-6.0', VERTICAL	LF	189.000
	0550- 10-334	FENCING, TYPE R, 6.1-7.0', PARTIAL ENCLOSURE	LF	210.000
	0570- 1- 1	PERFORMANCE TURF	SY	2,337.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	3.404
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	677.000

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	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	355.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	3.627
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	830.000
	0999- 16-	PARTNERING, DO NOT BID (42993625201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	46.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (42993625201)	LS	1.000
<b>Section 0003 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	111.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	21.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	7.000
	0700- 1- 21	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013 UP TO 12 SF	AS	1.000
	0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, UP TO 12 SF	AS	25.000
	0700- 1- 32	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, 12-20 SF	AS	2.000
	0700- 1- 33	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, 21-30 SF	AS	1.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	5.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	181.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	2.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	4.000
	0700- 3-204	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF	EA	1.000
	0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA	2.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	8.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	2.000
	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	1.000
	0700- 4-125	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 51-100 FT	EA	1.000
	0700- 4-126	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, SPAN, 101-150 FT	EA	1.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	3.000
	0705- 10- 4	OBJECT MARKER, TYPE 4	EA	10.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (42993625201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	2,793.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	744.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	707.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.880
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	5.000

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ALT	Item	Description	Unit	Quantity
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	66.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	357.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.431
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,307.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	44.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	44.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	6.191
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.443
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.678
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	3.931
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	73.000
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	3.162
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	1.627
	0920-714- 39	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE, PROJECT 429936-2-52-01	SF	10,425.000
<b>Section 0004 Lighting</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	3,422.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,025.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	50.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	12,586.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	60.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	84.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000
	0639- 1-610	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD	AS	1.000
	0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF	1,961.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	24,378.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	34,609.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	8,048.000
	0715- 4- 11	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT	EA	9.000
	0715- 4- 12	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 35' MOUNTING HEIGHT	EA	14.000
	0715- 4- 17	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUND, WILDLIFE SENSITIVE LUMINAIRE 20' MOUNTING HEIGHT	EA	4.000
	0715- 4- 21	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE SPECIAL FOUNDATION, 30' MOUNTING HEIGHT	EA	5.000
	0715- 4- 22	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE SPECIAL FOUNDATION, 35' MOUNTING HEIGHT	EA	31.000

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ALT	Item	Description	Unit	Quantity
	0715- 4- 27	LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE SPECIAL FOUND, WILDLIFE SENSITIVE LUMINAIRE 20' MOUNTING HEIGHT	EA	10.000
	0715- 4- 70	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	16.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	2.000
	0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	1.000
	0715- 11- 29	LUMINAIRE- UNDERDECK PENDANT, FURNISH & INSTALL, PROJECT 429936-2-52-01	EA	6.000
	0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	3.000
	0715- 21- 2	LIGHTING REPAIRS AND RETROFITS, LED RETROFIT KIT FOR EXISTING LUMINAIRE	EA	4.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	36.000
	0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	41.000
	0715-518-135	LIGHT POLE COMP- SPECIAL DESIGN, F&I, DOUBLE ARM, POLE TOP MOUNT, ALUMINUM, 35'	EA	5.000
<b>Section 0005 Signalization</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	595.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,040.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	2.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	2.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	41.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	2.000
	0639- 1-610	ELECTRICAL POWER SERVICE, REMOVE OVERHEAD	AS	1.000
	0639- 1-620	ELECTRICAL POWER SERVICE, REMOVE UNDERGROUND	AS	1.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	210.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	115.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	2.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	23.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	1.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	4.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	1.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	4.000
	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- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION-BOLT ON ATTACHMENT	EA	7.000
	0650- 1- 34	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL POLYCARBONATE, 3 SECTION, 1 WAY	AS	26.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	22.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	1.000

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ALT	Item	Description	Unit	Quantity
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	2.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	8.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	24.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	2.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	2.000
	0700- 5- 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	6.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	4.000