

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

Letting: 04220805                      Call Order: 001      Proposal: E4V62                      District:04

Counties: BROWARD

Road Name: SR-9/I-95 @ SR-834/SAMPLE RD FR S OF NB EXIT RAMP

Limits: 86028000

Project(s): 43695815201(\*)                      Federal Aid No: N/A

Project(s): 43695815202                      Federal Aid No: N/A

Total Roadway Length:	13.024 Miles	Contract Days:	622
Total Bridge Length:	0.038 Miles	Letting Date:	08/05/22
Total Proposal Length:	13.062 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	120

Proposal Budget Estimate:                      \$29,780,678.00

Please read the full advertisement

Description:      Incentive / Disincentive

The Improvements under this Contract consist of , but are not limited to, maintenance of traffic (regular, vehicular special detour, pedestrian/bicycle special detour, radar display), earthwork operations, monitor existing structures (inspection, settlement, vibration), bridge (removal, prestressed I-beam, expansion joint, drainage), piling (test, prestressed), concrete (removal, superstructure, approach slabs, traffic railing, slope pavement, endwalls, mitered end section, curb, gutter, traffic separator, barrier, shoulder barrier wall, sidewalk, driveways), retaining wall system, steel (superstructure, substructure, and approach slab reinforcing, mast arm), asphalt (stabilization, base, milling, resurfacing, miscellaneous), guardrail (general, double-face, transition, removal, end treatment), aluminum (pipe handrail, signal pole), traffic monitoring site, signalization (cable F&I, cable removal, service pole F&I, service pole removal, signal pole F&I, signal pole removal, mast arm F&I, mast arm removal, vehicular signal F&I, vehicular signal detection, priority/exemption system, vehicular signal removal, pedestrian signal, pedestrian detector, controller, wireless, ethernet), signing & pavement markings, lighting (temporary, conductors, pole complete, service pole, underdeck luminaire, pole luminaire, luminaire removal, cable distribution), ITS (ITSFM, conduit, pull box, splice box, junction box fiber optic, communication cable, CCTV, cabinet), drainage (inlets, manholes and manhole adjustments, pipe culvert), junction box, conduit (embedded, open trench, directional bore, bridge mount), junction box (embedded, drainage), utilities (valve and meter box adjustments), electrical (load center, power service, service wire, disconnect, power supply, remote power), litter removal and mowing, and sod along State Road 9/I-95 at State Road 834/Sample Road Interchange for 4.103 miles in the City of Deerfield Beach and the City of Pompano Beach, Broward County.

PRE-QUALIFIED: Contractor needs to be pre-qualified.

PERFORMANCE BOND: A Contract / Performance bond is required for this project.

PLEASE READ 8-13.1 INCENTIVE -DISINCENTIVE FOR THE SPECIFICATION PACKAGE.

**COMMERCIAL GENERAL LIABILITY INSURANCE:**

The limits of coverage shall not be less than \$1,000,000 for each occurrence and not less than a \$5,000,000 annual general aggregate, inclusive of amounts provided by an umbrella or excess policy. The limits of coverage described herein shall apply fully to the work or operations performed under the Contract, and may not be shared with or diminished by claims unrelated to the contract. The policy/ies and coverage described herein may be subject to a deductible. Pay all deductibles as required by the policy. No policy/ies or coverage described herein may contain or be subject to a Retention or a Self-Insured Retention.

**WORKERS COMPENSATION INSURANCE**

**Call Order: 001      Proposal: E4V62**

ALT	Item	Description	Unit	Quantity
<b>Section 0001 Structures</b>				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43695815201 bridge # 860178)	LS	1.000
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43695815201 Bridge 860121)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	456.000
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	201.700
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	52.000
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	139.800
	0400- 7- 1	BRIDGE DECK GROOVING	SY	816.000
	0400-147-	COMPOSITE NEOPRENE PADS	CF	9.200
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	61,118.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	44,010.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	10,308.000
	0450- 2- 36	PREST BEAMS: FLORIDA-I BEAM 36"	LF	888.000
	0455- 34-400	PRESTRESSED CONCRETE PILING, INCLUDES 100% DYNAMIC TESTING, SIZE 18"	LF	2,180.000
	0455-143- 3	TEST PILES-PRESTRESSED CONCRETE,18" SQ	LF	590.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	170.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	1,025.000
	0459- 71-	PILES, POLYETHYLENE SHEETING	SY	25.000
	0506- 2-	BRIDGE DRAINAGE PIPE	LF	154.000
	0506- 3-	BRIDGE DRAINS	EA	2.000
	0521- 5- 12	CONCRETE TRAFFIC RAILING- BRIDGE, 36" MEDIAN SINGLE SLOPE	LF	528.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	528.000
	0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY	627.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	1,584.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	4.000
<b>Section 0002 Roadway</b>				
	0101- 1-	MOBILIZATION (43695815201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43695815201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43695815201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43695815201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	14.000
	0102- 4- 1	PEDESTRIAN OR BICYCLE SPECIAL DETOUR (43695815201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	28.000
	0102- 30-	TEMPORARY HIGHWAY LIGHTING	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	19,057.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	2,112.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	9,145.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	2,755.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	2,205.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	6,382.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	879.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	23,101.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	216,563.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	2,152.000

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ALT	Item	Description	Unit	Quantity
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	27.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,402.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	1,866.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	1,866.000
	0102-115-	TYPE III BARRICADE	ED	2,011.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	1,244.000
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	1,244.000
	0104- 10- 3	SEDIMENT BARRIER	LF	7,088.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	94.000
	0107- 1-	LITTER REMOVAL	AC	758.750
	0107- 2-	MOWING	AC	666.920
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43695815201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43695815201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43695815201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	7,421.000
	0120- 1-	REGULAR EXCAVATION	CY	23,389.800
	0120- 6-	EMBANKMENT	CY	47,706.700
	0160- 4-	TYPE B STABILIZATION	SY	41,777.000
	0285-704-	OPTIONAL BASE, BASE GROUP 04	SY	10,113.000
	0285-706-	OPTIONAL BASE, BASE GROUP 06	SY	4,465.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	19,549.000
	0285-712-	OPTIONAL BASE, BASE GROUP 12	SY	5,173.000
	0285-715-	OPTIONAL BASE, BASE GROUP 15	SY	756.000
	0327- 70- 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	16,949.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	54,114.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	2,358.000
	0327- 70- 19	MILLING EXISTING ASPHALT PAVEMENT, 3/4" AVG DEPTH	SY	51,866.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	244.800
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	2,327.400
	0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN	453.900
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	166.400
	0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN	2,584.600
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	1,867.700
	0337- 7- 81	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-12.5, PG 76-22	TN	433.400
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	865.800
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	4,286.000
	0337- 7- 88	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC E, FC-12.5, PG 76-22	TN	1,372.200
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	107.700
	0425- 1-321	INLETS, CURB, TYPE P-2, <10'	EA	1.000
	0425- 1-341	INLETS, CURB, TYPE P-4, <10'	EA	2.000

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ALT	Item	Description	Unit	Quantity
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	10.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	4.000
	0425- 1-513	INLETS, DT BOT, TYPE B, J BOT, <10'	EA	1.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	16.000
	0425- 1-702	INLETS, GUTTER, TYPE S, >10'	EA	1.000
	0425- 1-703	INLETS, GUTTER, TYPE S, J BOTTOM <10'	EA	2.000
	0425- 1-705	INLETS, GUTTER, TYPE S, PARTIAL	EA	3.000
	0425- 1-711	INLETS, GUTTER, TYPE V, <10'	EA	1.000
	0425- 1-910	INLETS, CLOSED FLUME	EA	1.000
	0425- 1-921	INLETS, ADJACENT BARRIER, <=10'	EA	19.000
	0425- 1-922	INLETS, ADJACENT BARRIER, >10'	EA	2.000
	0425- 1-923	INLETS, ADJACENT BARRIER, J BOTTOM, < 10'	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	2.000
	0425- 2- 63	MANHOLES, P-8, PARTIAL	EA	12.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	1.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	3.000
	0425- 3- 43	JUNCTION BOX, DRAINAGE, P-7, PARTIAL	EA	4.000
	0425- 5- 1	MANHOLE, ADJUST, UTILITIES	EA	8.000
	0430-173-118	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 18", GUTTER DRAIN	LF	624.000
	0430-173-124	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 24", GUTTER DRAIN	LF	50.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	51.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	2,694.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	208.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	98.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	315.000
	0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	264.000
	0430-185-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 18" , STORM AND CROSS DRAIN	LF	108.000
	0430-185-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 24", STORM AND CROSS DRAIN	LF	150.000
	0430-536-100	STRAIGHT CONCRETE ENDWALLS, 36", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0430-542-100	STRAIGHT CONCRETE ENDWALLS, 42", SINGLE, 0 DEGREES, ROUND	EA	1.000
	0430-611-125	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:4 SLOPE, 18"PIPE	EA	7.000
	0430-611-129	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:4 SLOPE, 24"PIPE	EA	1.000
	0430-611-225	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:3 SLOPE, 18"PIPE	EA	4.000
	0430-611-229	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:3 SLOPE, 24"PIPE	EA	1.000
	0430-611-325	U-ENDWALL WITH BAFFLES, INDEX 261/430-011, 1:2 SLOPE, 18"PIPE	EA	6.000
	0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	28.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	2.000
	0430-982-138	MITERED END SECTION, OPTIONAL ROUND, 36" CD	EA	1.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	4,082.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	51.000
	0520- 5- 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	7.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	3,685.000

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	0520- 70-	CONCRETE TRAFFIC SEPARATOR, SPECIAL- VARIABLE WIDTH	SY	86.000
	0521- 1- 12	MEDIAN CONCRETE BARRIER, SHORT GRADE-SEPARATED	LF	1,941.000
	0521- 1- 13	MEDIAN CONCRETE BARRIER, TALL GRADE-SEPARATED	LF	1,386.000
	0521- 8- 8	CONCRETE BARRIER, WITH JUNCTION SLAB, 42" SINGLE SLOPE	LF	814.000
	0521- 72- 24	SHOULDER CONCRETE BARRIER WALL, 8' NOISE WALL	LF	439.000
	0521- 72- 27	SHOULDER CONCRETE BARRIER WALL, 14' NOISE WALL	LF	931.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	556.000
	0521- 72- 56	SHOULDER CONCRETE BARRIER, 56" PIER PROTECTION BARRIER/CRASH WALL	LF	723.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	2,385.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	328.000
	0522- 4-	BUS SHELTER PAD- CONCRETE	SY	15.000
	0527- 2-	DETECTABLE WARNINGS	SF	308.000
	0530- 3- 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	56.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	2,714.000
	0536- 1- 3	GUARDRAIL- ROADWAY, DOUBLE FACE	LF	87.000
	0536- 8-112	GUARDRAIL TRANSITION CONNECTION TO RIGID BARRIER, F&I- INDEX 536-001, APPROACH TL-3	EA	6.000
	0536- 73-	GUARDRAIL REMOVAL	LF	2,920.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	2.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	3.000
	0536- 85- 27	GUARDRAIL END TREATMENT- DOUBLE FACE APPROACH TERMINAL	EA	1.000
	0544- 3- 2	CRASH CUSHION, TL-3, WIDE	EA	7.000
	0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	6,719.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	56,734.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	10.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	4.000
	0639- 8-130	ELECTRICAL POWER SERVICE- CONTRIBUTION IN AID OF CONSTRUCTION (CIAC), FPL (DO NOT BID) (43695815201)	LS	1.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	13.000
	0695- 6- 12	TRAFFIC MONITORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	13.000
	0695- 7-131	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 3, BASE MOUNT	EA	1.000
	0695- 7-171	TRAFFIC MONITORING SITE CABINET, FURNISH & INSTALL, TYPE 4, 2 PLANE BACK, BASE MOUNT	EA	1.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	6,060.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	9.711
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.063
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.705
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	190.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	260.000

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	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	6.567
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	4.175
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	73.000
	0999- 16-	PARTNERING, DO NOT BID (43695815201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	20.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43695815201)	LS	1.000
	1080- 21-500	UTILITY FIXTURE, VALVE/METER BOX, ADJUST	EA	25.000
<b>Section 0003 Signing</b>				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	79.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	2.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	0700- 1- 21	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013 UP TO 12 SF	AS	3.000
	0700- 1- 22	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013, 12-20 SF	AS	23.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	33.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	28.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	1.000
	0700- 2- 15	MULTI- POST SIGN, F&I GROUND MOUNT, 51-100 SF	AS	3.000
	0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	1.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	5.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	7.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	2.000
	0700- 3-206	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF	EA	3.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	2.000
	0700- 3-606	SIGN PANEL, REMOVE, 101-200 SF	EA	4.000
	0700- 3-607	SIGN PANEL, REMOVE, 201-300 SF	EA	1.000
	0700- 4-113	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 31-40 FT	EA	2.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	3.000
	0700- 4-611	OVERHEAD STATIC SIGN STRUCTURE, SHALLOW FOUNDATION REMOVAL, CANTILEVER	EA	3.000
	0700- 4-640	OVERHEAD STATIC SIGN STRUCTURE, REMOVE BRIDGE MOUNT	EA	2.000
	0700- 6- 11	HIGHLIGHTED SIGN, F&I GROUND MOUNT- AC POWERED, UP TO 12 SF	AS	8.000
	0700- 12- 11	SIGN BEACON, F&I GROUND MOUNT- AC POWERED, ONE BEACON	AS	14.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	16.000
	0704- 1- 1	TUBULAR MARKER, DURABLE, 36" WHITE POST	EA	218.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	41.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	3,617.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43695815201)	LS	1.000

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ALT	Item	Description	Unit	Quantity
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	0.397
	0711- 11-103	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR INTERCHANGE MARKINGS	GM	0.738
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,318.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	664.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	722.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.447
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	18.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	112.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	574.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.087
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	996.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	7.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	7.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	1.036
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	1.980
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	2.814
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	1.051
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	5.439
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.150
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	2.413
	0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"- APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.139
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	4.035
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.132
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.085
	0713-103-102	PERMANENT TAPE, WHITE, SOLID, 8" EXIT LANE AT INTERCHANGE ON CONCRETE PAVEMENT	GM	0.169
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.085
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.254
<b>Section 0004 Lighting</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	9,669.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	6,753.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	980.000

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ALT	Item	Description	Unit	Quantity
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	1,012.000
	0630- 2- 65	CONDUIT, REMOVE, BRIDGE MOUNT	LF	900.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	110.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	16.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	9.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	1.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	4.000
	0715- 1- 11	LIGHTING CONDUCTORS, F&I, INSULATED, NO. 10 OR <	LF	3,120.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	54,104.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	25,110.000
	0715- 1- 14	LIGHTING CONDUCTORS, F&I, INSULATED, NO 1 TO NO 0	LF	93.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	80,316.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	2.000
	0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	1.000
	0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	16.000
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	28.000
	0715- 11-500	LUMINAIRE, REMOVE	EA	16.000
	0715- 61-511	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 50' MOUNTING HEIGHT, 8' ARM LENGTH	EA	50.000
	0715- 68-000	LIGHT POLE COMPLETE, RELOCATE	EA	18.000
	0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	62.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	85.000
	0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	24.000
<b>Section 0005 Signalization</b>				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	333.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,223.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	3.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	3.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	61.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	290.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	2.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	10.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	2.000
	0649- 21- 1	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30'	EA	2.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	1.000



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ALT	Item	Description	Unit	Quantity
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	2.000
	0649- 21- 21	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78'	EA	1.000
	0649- 21- 27	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, DOUBLE ARM 78'-78'	EA	2.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION-BOLT ON ATTACHMENT	EA	6.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	42.000
	0650- 1- 18	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY	AS	1.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	8.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	8.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	8.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	14.000
	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- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	8.000
	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
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	1.000
	0684- 6- 11	WIRELESS COMMUNICATION DEVICE, FURNISH & INSTALL ETHERNET ACCESS POINT	EA	1.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	7.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	8.000
<b>Section 0006 Intelligent Transportation System</b>				
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	10.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	90.000
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	1.000
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	10.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	11,128.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	5,363.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	3.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	12,830.000
	0633- 1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 97 - 144 FIBERS	LF	16,456.000
	0633- 1-620	FIBER OPTIC CABLE, REMOVE, UNDERGROUND	LF	18,318.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	1,152.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	6.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	86.000

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ALT	Item	Description	Unit	Quantity
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	312.000
	0633- 3- 16	FIBER OPTIC CONNECTION HARDWARE, F&I, PATCH PANEL- FIELD TERMINATED	EA	13.000
	0633- 3- 17	FIBER OPTIC CONNECTION HARDWARE, F&I, CONNECTOR PANEL	EA	26.000
	0633- 3- 51	FIBER OPTIC CONNECTION HARDWARE, ADJUST/MODIFY SPLICE ENCLOSURE	EA	6.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	622.000
	0633- 8- 1	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL	LF	508.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	102.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	32.000
	0635- 2- 13	PULL & SPLICE BOX, F&I, 30" X 60" RECTANGULAR OR 36" ROUND COVER SIZE	EA	3.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	11,782.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	7,275.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	11.000
	0639- 6- 1	ELECTRICAL POWER SERVICE- TRANSFORMER FURNISH & INSTALL	EA	11.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	4.000
	0641- 2- 19	PRESTRESSED CONCRETE POLE, F&I, CUSTOM DESIGN	EA	3.000
	0641- 2- 80	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER	EA	7.000
	0641- 3-163	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 63'	EA	3.000
	0641- 3-169	CONCRETE CCTV POLE, FURNISH & INSTALL WITH LOWERING DEVICE, 69'	EA	3.000
	0646- 2-115	ALUMINUM POLE- INDEX 695-001, FURNISH & INSTALL, 15'	EA	5.000
	0650- 1- 43	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL PROGRAMMABLE, 2 SECTION, 1-2 WAYS	AS	8.000
	0660- 1-112	LOOP DETECTOR INDUCTIVE, F&I, TYPE 12, 4 CH, SS, RM, TD	EA	9.000
	0660- 2-102	LOOP ASSEMBLY, F&I, TYPE B	AS	30.000
	0660- 3- 11	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL CABINET EQUIPMENT	EA	9.000
	0660- 3- 12	VEHICLE DETECTION SYSTEM- MICROWAVE, FURNISH & INSTALL, ABOVE GROUND EQUIPMENT	EA	8.000
	0660- 7- 21	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 1 OR 2 LANES, AC POWERED	EA	3.000
	0670- 5-140	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL MODEL 207C	AS	3.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	7.000
	0676- 2-143	ITS CABINET, FURNISH & INSTALL, BASE MOUNT, 334, 24" W X 66" H X 30" D	EA	3.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	7.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	13.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	8.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	13.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	13.000