

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 08250328 Call Order: 001 Proposal: E8V40 District:08

Counties: MIAMI-DADE

Road Name: HEFT & SURFACE ST IMPRVMENTS - HAINLIN MILL TO US 1(MP 5-12)

Limits: 87000054

Project(s): 43721115201(*) Federal Aid No: N/A

Total Roadway Length:	14.041 Miles	Contract Days:	719
Total Bridge Length:	0.171 Miles	Letting Date:	03/28/25
Total Proposal Length:	14.212 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	60

Proposal Budget Estimate: \$39,815,386.00

Please read the full advertisement

Description:

Work consists of providing all labor, materials, equipment and incidentals necessary for the construction of roadway widening, milling and resurfacing, widening of Bridge No. 870397 over Caribbean Boulevard, repair of Bridges 870395 over Black Creek Canal, 870546 over C1N Canal, 870184 over Caribbean Boulevard, and 870182 over Black Creek Canal, stormwater enhancements, lighting, signing, pavement marking, traffic signals and Intelligent Transportation System (ITS) improvements on SR 821, Florida Turnpike in Miami-Dade County from MP 7.200 to MP 12.878.

No Pre-Bid Conference. Contractor must be prequalified.

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43721115201 BRIDGE ID 870182)	LS	1.000
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43721115201 BRIDGE ID 870395)	LS	1.000
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43721115201 BRIDGE ID 870397)	LS	1.000
	0110- 3-	REMOVAL OF EXISTING STRUCTURES/BRIDGES (43721115201 BRIDGE ID 870546)	LS	1.000
	0110- 12- 1	HYDRODEMOLITION, REMOVAL OF DECK SURFACE	SY	129.000
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	326.000
	0400- 2- 5	CONCRETE CLASS II, BRIDGE SUBSTRUCTURE	CY	2.700
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	62.400
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	168.500
	0400- 4- 25	CONCRETE CLASS IV, MASS, SUBSTRUCTURE	CY	199.800
	0400-147-	COMPOSITE NEOPRENE PADS	CF	17.000
	0400-153-	NON SHRINK GROUT, F&I, MISCELLANEOUS- STRUCTURES REHAB	CF	314.000
	0405- 70- 1	LATEX MODIFIED PORTLAND CEMENT CONCRETE, TYPE I	CF	193.000
	0413-151-	METHACRYLATE MONOMER	GA	1,500.000
	0413-154-	CLEANING & SEALING CONCRETE SURFACES - PENETRANT SEALER OR METHACRYLATES	SF	2,405.000
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	91,465.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	74,335.000
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	11,560.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	0450- 2- 36	PREST BEAMS: FLORIDA-I BEAM 36"	LF	901.000
	0455- 15- 14	PREFORMED PILE HOLES, 24" TO 29" DRILL/PUNCH SIZE	LF	1,487.000
	0455- 15- 24	PREFORMED PILE HOLES CASING, 24" TO 29" DRILL/PUNCH SIZE	LF	1,487.000
	0455- 20- 1	PILE INSPECTION, DRIVEN PILE	EA	49.000
	0455- 34- 3	PRESTRESSED CONCRETE PILING, 18" SQ	LF	1,863.000
	0455-115-	PILE REDRIVE	EA	16.000
	0455-137-	LOAD TEST (DYNAMIC), DATA COLLECTION AND ANALYSIS	EA	49.000
	0455-137- 2	LOAD TEST (DYNAMIC), VERIFICATION TEST	EA	16.000
	0455-143- 3	TEST PILES-PRESTRESSED CONCRETE, 18" SQ	LF	820.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	345.000
	0458- 1- 21	BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD	LF	355.000
	0458- 2-	POLYMER NOSING FOR BRIDGE DECK EXPANSION JOINT	CF	82.300
	0460- 71- 4	METAL TRAFFIC RAILING, RECTANGULAR TUBE RETROFIT	LF	279.000
	0515- 4- 2	BULLET RAIL, DOUBLE RAIL	LF	140.000
	0521- 5- 13	CONCRETE TRAFFIC RAILING- BRIDGE, 36" SINGLE-SLOPE	LF	854.000
	0524- 2- 2	CONCRETE SLOPE PAVEMENT, NON REINFORCED, 4"	SY	530.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	2,562.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	16.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (43721115201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (43721115201)	LS	1.000
	0102- 2-200	SPECIAL DETOUR- TEMPORARY PAVEMENT (43721115201)	LS	1.000
	0102- 2-300	SPECIAL DETOUR- TEMPORARY EARTHWORK/BASE (43721115201)	LS	1.000
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	1,720.000
	0102- 30-	TEMPORARY HIGHWAY LIGHTING (43721115201)	LS	1.000
	0102- 60-	WORK ZONE SIGN	ED	36,477.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	3,324.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	5,400.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	2,481.000
	0102- 71- 23	TEMPORARY BARRIER, RELOCATE, LOW PROFILE CONCRETE	LF	1,284.000
	0102- 71- 25	TEMPORARY BARRIER, RELOCATE, ANCHORED	LF	4,368.000
	0102- 71- 26	TEMPORARY BARRIER, RELOCATE, FREE STANDING	LF	1,992.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	56,588.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	27,230.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	284.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	18.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	1,272.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	3,265.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	3,265.000
	0102-115-	TYPE III BARRICADE	ED	1,732.000
	0102-150- 1	PORTABLE REGULATORY, SIGN	ED	768.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	0102-150- 2	RADAR SPEED DISPLAY UNIT	ED	768.000
	0104- 10- 3	SEDIMENT BARRIER	LF	11,511.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	987.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	137.000
	0107- 1-	LITTER REMOVAL	AC	747.800
	0107- 2-	MOWING	AC	747.800
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING (43721115201)	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING (43721115201)	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (43721115201)	LS	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	3,289.000
	0120- 1-	REGULAR EXCAVATION	CY	9,514.000
	0120- 4-	SUBSOIL EXCAVATION	CY	1,484.000
	0120- 6-	EMBANKMENT	CY	9,137.000
	0160- 4-	TYPE B STABILIZATION	SY	14,630.000
	0210- 2-	LIMEROCK-NEW MATERIAL FOR REWORKING BASE	CY	404.400
	0285-704-	OPTIONAL BASE, BASE GROUP 04	SY	695.000
	0285-707-	OPTIONAL BASE, BASE GROUP 07	SY	4,121.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	363.000
	0285-710-	OPTIONAL BASE, BASE GROUP 10	SY	3,892.000
	0285-711-	OPTIONAL BASE, BASE GROUP 11	SY	725.000
	0285-712-	OPTIONAL BASE, BASE GROUP 12	SY	3,149.000
	0327- 70- 4	MILLING EXISTING ASPHALT PAVEMENT, 3" AVG DEPTH	SY	1,756.000
	0327- 70- 5	MILLING EXISTING ASPHALT PAVEMENT, 2" AVG DEPTH	SY	186.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	21,806.000
	0327- 70- 7	MILLING EXISTING ASPHALT PAVEMENT, 4" AVG DEPTH	SY	24,883.000
	0327- 70- 11	MILLING EXISTING ASPHALT PAVEMENT, 2 1/4" AVG DEPTH	SY	19,861.000
	0327- 70- 15	MILLING EXISTING ASPHALT PAVEMENT, 2 3/4" AVG DEPTH	SY	931.000
	0327- 70- 20	MILLING EXISTING ASPHALT PAVEMENT, 3 3/4" AVG DEPTH	SY	4,426.000
	0334- 1- 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	402.800
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	1,139.900
	0334- 1- 15	SUPERPAVE ASPHALTIC CONC, TRAFFIC E	TN	4,476.400
	0334- 1- 53	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C, PG76-22	TN	512.300
	0334- 1- 55	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC E, PG76-22	TN	1,728.400
	0337- 7- 25	ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22	TN	1,010.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	1,767.400
	0337- 7- 88	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC E, FC-12.5, PG 76-22	TN	2,960.900
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	138.100
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL INDEX 400-011	CY	599.900
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	324.500
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	49,225.000
	0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA	1.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	4.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	1.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	4.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	1.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	3.000
	0425- 1-543	INLETS, DITCH BOTTOM, TYPE D, J BOT, <10'	EA	1.000
	0425- 1-555	INLETS, DT BOT, TYPE E, PARTIAL	EA	1.000
	0425- 1-701	INLETS, GUTTER, TYPE S, <10'	EA	3.000
	0425- 1-705	INLETS, GUTTER, TYPE S, PARTIAL	EA	1.000
	0425- 1-881	INLETS, BARRIER WALL, RIGID, CURB & GUTTER, <=10'	EA	3.000
	0425- 1-921	INLETS, ADJACENT BARRIER, <=10'	EA	8.000
	0425- 1-922	INLETS, ADJACENT BARRIER, >10'	EA	1.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	3.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	1.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	12.000
	0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	1.000
	0430-173-115	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 15", GUTTER DRAIN	LF	51.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	1,554.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	345.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	8.000
	0430-518-100	STRAIGHT CONCRETE ENDWALLS, 18", SINGLE, 0 DEGREES, ROUND	EA	3.000
	0430-963- 1	PVC PIPE FOR BACK OF SIDEWALK, 4"	LF	48.000
	0451- 70-	PREST SOIL ANCHORS	EA	169.000
	0451- 70- 1	PRESTRESSED SOIL ANCHOR, PERFORMANCE TEST	EA	18.000
	0451- 70- 2	PRESTRESSED SOIL ANCHOR, CREEP TEST	EA	10.000
	0455- 15- 11	PREFORMED PILE HOLES, 15" TO 17" DRILL/PUNCH SIZE	LF	890.000
	0455- 15- 40	PREFORMED PILE HOLES, SHEET PILE	SF	1,424.000
	0455- 35- 11	STEEL PILING, HP 12 X 74	LF	1,603.000
	0455-133- 2	SHEET PILING STEEL, TEMPORARY-CRITICAL	SF	61,968.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	2,878.000
	0460- 2- 2	STRUCT STEEL, LOW ALLOY (43721115201)	LS	1.000
	0470- 1-	TREATED TIMBER, STRUCTURAL	MB	48.000
	0515- 1- 1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	1,289.000
	0520- 1- 7	CONCRETE CURB & GUTTER, TYPE E	LF	1,130.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	3,111.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	33.000
	0520- 6-	SHOULDER GUTTER- CONCRETE	LF	914.000
	0521- 1- 11	MEDIAN CONCRETE BARRIER, 38" HEIGHT	LF	126.000
	0521- 1- 12	MEDIAN CONCRETE BARRIER, SHORT GRADE-SEPARATED	LF	76.000
	0521- 1- 13	MEDIAN CONCRETE BARRIER, TALL GRADE-SEPARATED	LF	80.000
	0521- 6- 11	CONCRETE PARAPET, PEDESTRIAN/BICYCLE, 27" HEIGHT	LF	287.000
	0521- 8- 11	CONCRETE BARRIER, WITH JUNCTION SLAB, 8'-0" NOISE WALL	LF	1,420.000
	0521- 72- 24	SHOULDER CONCRETE BARRIER WALL, 8' NOISE WALL	LF	1,420.000
	0521- 72- 40	SHOULDER CONCRETE BARRIER, 38" OR 44" HEIGHT	LF	452.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	0521- 72- 41	SHOULDER CONCRETE BARRIER, RETAINING SECTION	LF	101.000
	0521- 72- 43	SHOULDER CONCRETE BARRIER, CURB AND GUTTER BARRIER	LF	208.000
	0521- 72- 60	SHOULDER CONCRETE BARRIER, 38" WALL SHIELDING BARRIER	LF	1,059.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	875.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	233.000
	0527- 2-	DETECTABLE WARNINGS	SF	266.000
	0534- 72-101	SOUND/NOISE BARRIER-INC FOUNDATION, PERMANENT	SF	12,556.000
	0536- 1- 1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	3,645.000
	0536- 73-	GUARDRAIL REMOVAL	LF	2,589.000
	0536- 85- 20	GUARDRAIL END TREATMENT- TRAILING ANCHORAGE	EA	2.000
	0536- 85- 24	GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL	EA	7.000
	0536- 85- 29	GUARDRAIL END TREATMENT- DOUBLE FACE TRAILING ANCHORAGE	EA	1.000
	0544- 2- 2	CRASH CUSHION, TL-2, WIDE	EA	2.000
	0548- 12-	RETAINING WALL SYSTEM, PERMANENT, EXCLUDING BARRIER	SF	20,089.000
	0550- 10-230	FENCING, TYPE B, 6.1-7.0', STANDARD	LF	884.000
	0570- 1- 1	PERFORMANCE TURF	SY	17,051.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	2,690.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	4,261.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	8.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	9,321.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	10.457
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.782
	0710- 11-103	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE MARKINGS, 12"	GM	0.769
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	1,232.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	1,620.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	688.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	2.203
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.287
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	81.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	133.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	4.918
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.065
	0999- 16-	PARTNERING, DO NOT BID (43721115201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	8.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	2.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (43721115201)	LS	1.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	Section 0003 Signing			
	0546- 72- 1	GROUND-IN RUMBLE STRIPS, 16"	GM	0.299
	0700- 1-111	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	49.000
	0700- 1-112	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	12.000
	0700- 1-113	SINGLE COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 20.1-30.0 SF	EA	9.000
	0700- 1-500	SINGLE COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	30.000
	0700- 1-600	SINGLE COLUMN GROUND SIGN ASSEMBLY, REMOVE	EA	33.000
	0700- 2-111	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, LESS THAN 12 SF	EA	2.000
	0700- 2-112	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 12.0-20.0 SF	EA	3.000
	0700- 2-114	MULTI-COLUMN GROUND SIGN ASSEMBLY, F&I GROUND MOUNT, 30.1-50.0 SF	EA	2.000
	0700- 2-500	MULTI-COLUMN GROUND SIGN ASSEMBLY, RELOCATE	EA	1.000
	0700- 3-207	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF	EA	1.000
	0700- 3-208	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 301-400 SF	EA	1.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 3-608	SIGN PANEL, REMOVE, 301-400 SF	EA	1.000
	0700- 4-112	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 21-30 FT	EA	1.000
	0700- 4-114	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, CANTILEVER, 41-50 FT	EA	1.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	29.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	8.000
	0704- 1- 3	TUBULAR MARKER, 36" WHITE POST	EA	193.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	3,185.000
	0710- 11-190	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ISLAND NOSE	SF	6.000
	0710- 12-290	PAINTED PAVEMENT MARKINGS, DURABLE PAINT, YELLOW, ISLAND NOSE	SF	1.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (43721115201)	LS	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	3,093.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	1,651.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	955.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.202
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	55.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	166.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	56.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.040
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,812.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	0711- 14-141	THERMOPLASTIC, PREFORMED, WHITE, 2-4 DOTTED GUIDELINE ON CONCRETE SURFACES	GM	0.078
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	10.000
	0711- 14-560	THERMOPLASTIC, PREFORMED, WHITE WITH BLACK CONTRAST ON CONCRETE PAVEMENT, MESSAGE OR SYMBOL	EA	1.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	1.042
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	2.413
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	1.414
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	1.317
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	5.055
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	1.019
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	2.240
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	3.029
	0711- 16-202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	0.099
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.211
	0713-103-102	PERMANENT TAPE, WHITE, SOLID, 8" EXIT LANE AT INTERCHANGE ON CONCRETE PAVEMENT	GM	0.341
	0713-103-171	PERMANENT TAPE, WHITE, 3-9 DOTTED, 6" WIDE, FOR CONCRETE SURFACES	GM	0.021
	0713-103-181	PERMANENT TAPE, WHITE, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.227
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.263
	0713-103-371	PERMANENT TAPE, BLACK, 3-9 DOTTED, 6" WIDE, FOR CONCRETE SURFACES	GM	0.021
	0713-103-381	PERMANENT TAPE, BLACK, 10-30 SKIP, 6" WIDE, FOR CONCRETE SURFACES	GM	0.212
	0713-107-	PREFORMED/PERMANENT TAPE, REMOVE	SF	2,088.000
	0714- 10-	GREEN-COLORED PAVEMENT MARKINGS, BIKE LANE	SF	1,669.000
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	8,500.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	8,285.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	360.000
	0630- 2- 16	CONDUIT, FURNISH & INSTALL, EMBEDDED CONCRETE BARRIERS AND TRAFFIC RAILINGS	LF	5,070.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	150.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	8.000
	0635- 3- 13	JUNCTION BOX, FURNISH & INSTALL, EMBEDDED	EA	11.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	3.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	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	5,340.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	94,294.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	2,625.000
	0715- 1- 15	LIGHTING CONDUCTORS, F&I, NO.1/0 - 3/0 (0 to 000)	LF	2,967.000
	0715- 1- 60	LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS	LF	13,965.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	3.000
	0715- 7- 21	LOAD CENTER, REWORK, SECONDARY VOLTAGE	EA	1.000
	0715- 7- 41	LOAD CENTER, REMOVE, SECONDARY VOLTAGE	EA	3.000
	0715- 11-125	LUMINAIRE, F&I, UNDER DECK, WALL MOUNT	EA	40.000
	0715- 11-500	LUMINAIRE, REMOVE	EA	44.000
	0715- 61-442	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT, 12' ARM LENGTH	EA	1.000
	0715- 61-500	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 50' MOUNTING HEIGHT, 0' ARM LENGTH	EA	85.000
	0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	106.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	84.000
	0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	48.000
	0715-500- 11	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL ALTERNATE SYSTEM, CONVENTIONAL	EA	1.000
Section 0005 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	1,919.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,544.000
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	6.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	6.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	99.000
	0639- 1-112	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER PURCHASED BY CONTRACTOR FROM POWER COMPANY	AS	2.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	1,393.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	4.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	5.000
	0641- 2- 60	PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- PEDESTAL/SERVICE POLE	EA	2.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	21.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	9.000
	0649- 21- 6	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50'	EA	5.000
	0649- 21- 10	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60'	EA	2.000
	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	2.000
	0649- 26- 5	STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUNDATION- BOLT ON ATTACHMENT	EA	8.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	32.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	4.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	0650- 1- 18	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY	AS	3.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	4.000
	0650- 1- 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION	AS	2.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	16.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	2.000
	0653- 1- 40	PEDESTRIAN SIGNAL, RELOCATE	AS	2.000
	0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	24.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	42.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	18.000
	0665- 1- 40	PEDESTRIAN DETECTOR, RELOCATE	EA	2.000
	0670- 5-140	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL MODEL 207	AS	3.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	3.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	7.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	8.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	1.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	9.000
	0700- 5- 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA	2.000
Section 0006 Intelligent Transportation System				
	0611- 1- 1	ITSFM SUBSURFACE DOCUMENTATION- PROJECT LENGTH	MI	5.000
	0611- 2- 2	ITSFM LOCATION DOCUMENTATION- ITS SITE	EA	15.000
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	2,050.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	480.000
	0633- 1-121	FIBER OPTIC CABLE, F&I, UNDERGROUND,2-12 FIBERS	LF	1,190.000
	0633- 1-124	FIBER OPTIC CABLE, F&I, UNDERGROUND, 97 - 144 FIBERS	LF	2,900.000
	0633- 2- 31	FIBER OPTIC CONNECTION, INSTALL, SPLICE	EA	484.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	2.000
	0633- 3- 12	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE TRAY	EA	144.000
	0633- 3- 13	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED CONNECTOR ASSEMBLY	EA	192.000
	0633- 3- 15	FIBER OPTIC CONNECTION HARDWARE, F&I, PRETERMINATED PATCH PANEL	EA	15.000
	0633- 6-	FIBER OPTIC CABLE LOCATOR	DA	719.000
	0633- 8- 11	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, CAT 6	LF	580.000
	0633- 8- 12	MULTI-CONDUCTOR COMMUNICATION CABLE, FURNISH & INSTALL, COMPOSITE	LF	700.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	2.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	9.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	890.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	14.000

Call Order: 001 Proposal: E8V40

ALT	Item	Description	Unit	Quantity
	0639- 3- 60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	14.000
	0639- 6-201	ELECTRICAL POWER SERVICE- TRANSFORMER, REPLACE, <25 KVA, COPPER WINDINGS	EA	14.000
	0660- 7- 32	VEHICLE DETECTION SYSTEM- WRONG WAY FOR EXIT RAMP, 3 OR MORE LANES, SOLAR POWERED	EA	1.000
	0660- 8- 11	TRAFFIC DATA DETECTION SYSTEM- MICROWAVE, FURNISH AND INSTALL, CABINET EQUIPMENT	EA	15.000
	0660- 8- 12	TRAFFIC DATA DETECTION SYSTEM- MICROWAVE, FURNISH AND INSTALL, ABOVE GROUND EQUIPMENT	EA	15.000
	0660- 8- 60	TRAFFIC DATA DETECTION SYSTEM- MICROWAVE, REMOVE	EA	15.000
	0676- 2-122	ITS CABINET, FURNISH & INSTALL, POLE MOUNT WITH SUNSHIELD, 336S, 24" W X 46" H X 22" D	EA	14.000
	0676- 2-400	ITS CABINET, RELOCATE	EA	1.000
	0676- 2-600	ITS CABINET- REMOVE	EA	14.000
	0682- 1-133	ITS CCTV CAMERA, F&I, DOME ENCLOSURE - NON-PRESSURIZED, IP, HIGH DEFINITION	EA	8.000
	0682- 1-600	ITS CCTV CAMERA, REMOVE & DISPOSAL	EA	8.000
	0684- 1- 1	MANAGED FIELD ETHERNET SWITCH, FURNISH & INSTALL	EA	15.000
	0684- 2- 1	DEVICE SERVER, FURNISH & INSTALL	EA	14.000
	0685- 1- 11	UNINTERRUPTIBLE POWER SUPPLY, FURNISH AND INSTALL, LINE INTERACTIVE	EA	15.000
	0685- 2- 1	REMOTE POWER MANAGEMENT UNIT- RPMU, FURNISH AND INSTALL	EA	15.000
	0700- 9-137	WALK-IN DYNAMIC MESSAGE SIGN, FURNISH & INSTALL- WITH UPS FULL COLOR, 201-300 SF	EA	1.000
	0700- 10-123	DMS SUPPORT STRUCTURE, CANTILEVER, 31-40 FT	EA	1.000
	0700- 10-600	DMS SUPPORT STRUCTURE, REMOVE	EA	1.000
	0700-142-111	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS	EA	4.000