Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: CT160615 Call Order: 033 Proposal: T4434 District:04

Counties: ST LUCIE

Road Name: CR 712 (MIDWAY RD)

Limits: FROM W OF S 25TH ST TO E OF SR 5(US 1)

Project(s): 23144025201(*) Federal Aid No: 8886777A

Total Roadway Length:	1.769 Miles	Contract Days:	1200
Total Bridge Length:	0.034 Miles	Letting Date:	06/15/16
Total Proposal Length:	1.803 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	15 Calendar Days

Proposal Budget Estimate: $25,968,755.00

Please read the full advertisement

Description:

THERE WILL BE A MANDATORY PRE-BID MEETING FOR THIS PROJECT AT 10:30 AM EST ON TUESDAY, APRIL 19, 2016 AT THE FLORIDA DEPARTMENT OF TRANSPORTATION, DISTRICT FOUR AUDITORIUM, 3400 WEST COMMERCIAL BLVD, FT LAUDERDALE, FL 33309. IF YOU HAVE ANY QUESTIONS CONCERNING THIS MATTER, PLEASE CONTACT FERNANDO MORALES, P.E. AT (954) 777-4687.

THIS PRE-BID MEETING IS MANDATORY BECAUSE OF THE COMPLEXITY OF THE PROJECT. ONLY PLANS AND SPECIFICATIONS WILL BE AVAILABLE PRIOR TO THE PRE-BID MEETING. THE PROSPECTIVE BIDDER SHALL BE PREQUALIFIED ACCORDING TO THE REQUIREMENTS OF FDOT RULE CHAPTER 14-22 AND SECTION 2-1 OF THE 2016 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

PROPOSALS (BIDDING DOCUMENTS) WILL BE ISSUED ONLY TO THE PROSPECTIVE BIDDERS WHO HAVE ATTENDED THE PRE-BID MEETING AND MET THE FLORIDA DEPARTMENT OF TRANSPORTATION QUALIFICATIONS FOR THIS PROJECT.

PROSPECTIVE BIDDERS ORDERING BID DOCUMENTS PRIOR TO THE PRE-BID MEETING WILL BE GIVEN ACCESS TO DOWNLOAD THE BID DOCUMENTS WITHIN 24 HOURS AFTER THE PRE-BID MEETING. THOSE PROSPECTIVE BIDDERS ORDERING THE DOCUMENTS AFTER THE PRE-BID MEETING WILL NEED TO CONTACT THE OFFICE ADVERTISING THE PROJECT TO CONFIRM ATTENDANCE AND RECEIVE ACCESS TO DOWNLOAD THE BID DOCUMENTS. PLEASE CONTACT THE OFFICE AT LEAST TWO WORKING DAYS PRIOR TO THE DEADLINE FOR OBTAINING BID DOCUMENTS TO ALLOW TIME FOR PROCESSING.

The improvements under this contract consist of reconstruction of an existing two-lane roadway as a four-lane divided urban roadway, intersection improvements, widening, milling and resurfacing, bridge replacement over the North Fork, landscaping, decorative lighting, addition of bike lanes, sidewalks and multi-purpose trail, drainage improvements and signing and pavement markings along CR 712 (Midway Road) from west of South 25th Street to east of SR 5 (US 1) for approximately 2.0 miles in St. Lucie County.

Call Order: 002 Proposal: T4434

ALT	Item	Description	Unit	Quantity
Section 0001 Structures				
	0110- 3-	REMOVAL OF EXISTING STRUCTURE (23144025201)	LS	1.000
	0400- 2- 4	CONC CLASS II, BRIDGE SUPERSTRUCTURE	CY	833.600
	0400- 2- 10	CONCRETE CLASS II, APPROACH SLABS	CY	270.400
	0400- 4- 5	CONCRETE CLASS IV, BRIDGE SUBSTRUCTURE	CY	179.000
	0400- 9-	BRIDGE DECK GROOVING & PLANING, DECK 8.5" AND GREATER	SY	1,403.000
	0400-147-	COMPOSITE NEOPRENE PADS	CF	15.300
	0415- 1- 4	REINFORCING STEEL - BRIDGE SUPERSTRUCTURE	LB	139,710.000
	0415- 1- 5	REINFORCING STEEL- BRIDGE SUBSTRUCTURE	LB	26,316.000

ALT	Item	Description	Unit	Quantity
	0415- 1- 9	REINFORCING STEEL- APPROACH SLABS	LB	42,472.000
	0450- 2- 36	PREST BEAMS: FLORIDA-I BEAM 36"	LF	1,616.000
	0455- 34- 5	PRESTRESSED CONCRETE PILING, 24" SQ	LF	2,416.000
	0455-143- 5	TEST PILES-PRESTRESSED CONCRETE,24" SQ	LF	362.000
	0458- 1- 11	BRIDGE DECK EXPANSION JOINT, NEW CONSTRUCTION, F&I POURED JOINT WITH BACKER ROD	LF	182.000
	0515- 4- 1	BULLET RAIL, SINGLE RAIL	LF	480.000
	0521- 5- 4	CONCRETE TRAFFIC RAILING, BRIDGE, 32" VERTICAL FACE	LF	480.000
Section 0002 Roadway				
	0101- 1-	MOBILIZATION (23144025201)	LS	1.000
	0102- 1-	MAINTENANCE OF TRAFFIC (23144025201)	LS	1.000
	0102- 2- 1	SPECIAL DETOUR 1 (23144025201)	LS	1.000
	0102- 2- 2	SPECIAL DETOUR 2 (23144025201)	LS	1.000
	0102- 3-	COMMERCIAL MATERIAL FOR TEMPORARY DRIVEWAY MAINTENANCE	CY	599.900
	0102- 60-	WORK ZONE SIGN	ED	135,906.000
	0102- 61-	BUSINESS SIGN	EA	73.000
	0102- 71- 13	BARRIER WALL, TEMPORARY, F&I, LOW PROFILE, CONCRETE	LF	351.000
	0102- 71- 14	BARRIER WALL, TEMPORARY, F&I, TYPE K	LF	965.000
	0102- 71- 24	BARRIER WALL, TEMPORARY, RELOCATE, TYPE K	LF	580.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	741,748.000
	0102- 74- 2	CHANNELIZING DEVICE, TYPE III, 6'	ED	17,266.000
	0102- 74- 6	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	ED	313,984.000
	0102- 75- 1	TEMPORARY SEPARATOR, F&I REMOVE	LF	982.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	275.000
	0102- 78-	TEMPORARY RETROREFLECTIVE PAVEMENT MARKER	EA	4,247.000
	0102- 89- 1	TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION	LO	13.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	4,676.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	4,108.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	4,167.000
	0104- 10- 3	SEDIMENT BARRIER	LF	33,497.000
	0104- 11-	FLOATING TURBIDITY BARRIER	LF	240.000
	0104- 12-	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	694.000
	0104- 15-	SOIL TRACKING PREVENTION DEVICE	EA	9.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	201.000
	0108- 1-	MONITOR EXISTING STRUCTURES- INSPECTION AND SETTLEMENT MONITORING	LS	1.000
	0108- 2-	MONITOR EXISTING STRUCTURES- VIBRATION MONITORING	LS	1.000
	0110- 1- 1	CLEARING & GRUBBING (23144025201)	LS	1.000
	0110- 7- 1	MAILBOX, F&I SINGLE	EA	50.000
	0120- 1-	REGULAR EXCAVATION	CY	173,613.000
	0120- 3-	LATERAL DITCH EXCAVATION	CY	1,807.000
	0120- 4-	SUBSOIL EXCAVATION	CY	495.000
	0120- 6-	EMBANKMENT	CY	46,912.000

ALT	Item	Description	Unit	Quantity
	0145- 2-	GEOSYNTHETIC REINFORCED FOUNDATION OVER SOFT SOIL	SY	835.000
	0160- 4-	TYPE B STABILIZATION	SY	91,195.000
	0285-701-	OPTIONAL BASE, BASE GROUP 01	SY	770.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	86,634.000
	0286- 1-	TURNOUT CONSTRUCTION	SY	1,362.000
	0286- 2-	TURNOUT CONSTRUCTION-ASPHALT	TN	469.000
	0327- 70- 1	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	12,308.000
	0327- 70- 5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	SY	12,113.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	13,051.500
	0337- 7- 42	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22, PMA	TN	5,946.500
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	12.100
	0400- 0- 11	CONCRETE CLASS NS, GRAVITY WALL	CY	181.100
	0400- 1- 2	CONCRETE CLASS I, ENDWALLS	CY	82.900
	0400- 2- 2	CONCRETE CLASS II, ENDWALLS	CY	22.600
	0400- 4- 11	CONC CLASS IV, RETAINING WALLS	CY	364.000
	0415- 1- 3	REINFORCING STEEL- RETAINING WALL	LB	51,906.000
	0415- 1- 6	REINFORCING STEEL- MISCELLANEOUS	LB	148.000
	0425- 1-331	INLETS, CURB, TYPE P-3, <10'	EA	2.000
	0425- 1-335	INLETS, CURB, TYPE P-3, PARTIAL	EA	1.000
	0425- 1-351	INLETS, CURB, TYPE P-5, <10'	EA	43.000
	0425- 1-352	INLETS, CURB, TYPE P-5, >10'	EA	1.000
	0425- 1-355	INLETS, CURB, TYPE P-5, PARTIAL	EA	5.000
	0425- 1-361	INLETS, CURB, TYPE P-6, <10'	EA	21.000
	0425- 1-451	INLETS, CURB, TYPE J-5, <10'	EA	16.000
	0425- 1-461	INLETS, CURB, TYPE J-6, <10'	EA	8.000
	0425- 1-521	INLETS, DT BOT, TYPE C,<10'	EA	15.000
	0425- 1-523	INLETS, DT BOT, TYPE C,JBOT, <10'	EA	3.000
	0425- 1-531	INLETS, DITCH BOTTOM, TYPE C MODIFIED- BACK OF SIDEWALK, <10'	EA	19.000
	0425- 1-532	INLETS, DITCH BOTTOM, TYPE C MODIFIED- BACK OF SIDEWALK, >10'	EA	1.000
	0425- 1-541	INLETS, DT BOT, TYPE D, <10'	EA	1.000
	0425- 1-543	INLETS, DITCH BOTTOM, TYPE D, J BOT, <10'	EA	2.000
	0425- 1-551	INLETS, DT BOT, TYPE E, <10'	EA	4.000
	0425- 1-553	INLETS, DT BOT, TYPE E, J BOT, <10'	EA	3.000
	0425- 1-581	INLETS, DT BOT, TYPE H, <10'	EA	3.000
	0425- 2- 41	MANHOLES, P-7, <10'	EA	8.000
	0425- 2- 43	MANHOLES, P-7, PARTIAL	EA	7.000
	0425- 2- 61	MANHOLES, P-8, <10'	EA	13.000
	0425- 2- 62	MANHOLES, P-8, >10'	EA	1.000
	0425- 2- 63	MANHOLES, P-8, PARTIAL	EA	17.000
	0425- 2- 71	MANHOLES, J-7, <10'	EA	28.000
	0425- 2- 72	MANHOLES, J-7, >10'	EA	3.000
	0425- 2- 73	MANHOLES, J-7, PARTIAL	EA	3.000
	0425- 2- 91	MANHOLES, J-8, <10'	EA	16.000

ALT	Item	Description	Unit	Quantity
	0425- 2- 92	MANHOLES, J-8, >10'	EA	5.000
	0425- 3- 43	JUNCTION BOX, DRAINAGE, P-7, PARTIAL	EA	4.000
	0425- 10-	YARD DRAIN	EA	1.000
	0430-175-112	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 12"S/CD	LF	40.000
	0430-175-115	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 15"S/CD	LF	114.000
	0430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	7,547.000
	0430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	3,347.000
	0430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	2,644.000
	0430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	4,883.000
	0430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	1,580.000
	0430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	1,274.000
	0430-175-154	PIPE CULVERT, OPT MATERIAL, ROUND, 54"S/CD	LF	64.000
	0430-175-160	PIPE CULVERT, OPT MATERIAL, ROUND, 60"S/CD	LF	77.000
	0430-175-166	PIPE CULVERT, OPT MATERIAL, ROUND, 66"S/CD	LF	93.000
	0430-175-215	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 15"S/CD	LF	5.000
	0430-175-218	PIPE CULVERT,OPTIONAL MATERIAL,OTHER-ELIP/ARCH, 18"S/CD	LF	186.000
	0430-175-230	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 30"S/C	LF	330.000
	0430-175-248	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 48"S/CD	LF	488.000
	0430-175-266	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 66"S/CD	LF	859.000
	0430-185-142	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, JACK & BORE, 42", STORM AND CROSS DRAIN	LF	711.000
	0430-830-	PIPE FILLING AND PLUGGING- PLACE OUT OF SERVICE	CY	81.100
	0430-982-123	MITERED END SECTION, OPTIONAL ROUND, 15" CD	EA	1.000
	0430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	4.000
	0430-982-129	MITERED END SECTION, OPTIONAL ROUND, 24" CD	EA	1.000
	0431- 1- 1	PIPE LINER, OPTIONAL MATERIAL, 0-24"	LF	3,551.000
	0431- 1- 2	PIPE LINER, OPTIONAL MATERIAL, 25-36"	LF	575.000
	0431- 1- 3	PIPE LINER, OPTIONAL MATERIAL, 37-48"	LF	1,808.000
	0431- 1- 4	PIPE LINER, OPTIONAL MATERIAL, 49 - 60"	LF	34.000
	0455- 87-	ANCHOR BAR, STEEL	EA	21.000
	0455-133- 3	SHEET PILING STEEL, F&I PERMANENT	SF	23,647.000
	0515- 1- 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	1,534.000
	0515- 2-212	PEDESTRIAN / BICYCLE RAILING, STEEL, 42" TYPE 2	LF	155.000
	0515- 2-311	PEDESTRIAN/ BICYCLE RAILING, ALUMINUM ONLY,42" TYPE 1	LF	346.000
	0515- 4- 1	BULLET RAIL, SINGLE RAIL	LF	945.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	29,629.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	68.000
	0520- 5- 41	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 4' WIDE	LF	2,427.000
	0521- 8- 3	CONCRETE TRAFFIC RAILING BARRIER, WITH JUNCTION SLAB, 32" VERTICAL FACE	LF	945.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	18,029.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1,872.000
	0527- 2-	DETECTABLE WARNINGS	SF	824.000
	0530- 3- 3	RIPRAP- RUBBLE, BANK AND SHORE	TN	1,865.500

ALT	Item	Description	Unit	Quantity
	0530- 74-	BEDDING STONE	TN	664.400
	0536- 1- 1	GUARDRAIL -ROADWAY	LF	663.000
	0536- 6-	PIPE RAIL FOR GUARDRAIL	LF	488.000
	0536- 7-	SPECIAL GUARDRAIL POST	EA	3.000
	0536- 73-	GUARDRAIL REMOVAL	LF	2,115.000
	0536- 85- 24	GUARDRAIL END ANCHORAGE ASSEMBLY- PARALLEL	EA	2.000
	0536- 85- 25	GUARDRAIL END ANCHORAGE ASSEMBLY- TYPE II	EA	2.000
	0570- 1- 1	PERFORMANCE TURF	SY	95.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	48,272.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	20.309
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.469
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	380.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	826.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	1,406.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	0.739
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.652
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	17.123
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	4,726.000
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.387
	0916-438- 1	BUOYANT FLOW CONTROL DEVICE, PROJECT 231440-2-52-01	EA	1.000
	0999- 16-	PARTNERING, DO NOT BID (23144025201)	LS	1.000
	0999- 20- 1	DISPUTES REVIEW BOARD, MEETING- DO NOT BID	DA	23.000
	0999- 20- 2	DISPUTES REVIEW BOARD, HEARING- DO NOT BID	EA	1.000
	0999- 25-	INITIAL CONTINGENCY AMOUNT, DO NOT BID (23144025201)	LS	1.000
Section 0003 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	136.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	63.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	13.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	122.000
	0700- 2- 14	MULTI- POST SIGN, F&I GROUND MOUNT, 31-50 SF	AS	10.000
	0700- 2- 50	MULTI- POST SIGN, F&I GROUND MOUNT, RELOCATE	AS	2.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	3.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	12.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	30.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	270.000
	0710- 90-	PAINTED PAVEMENT MARKINGS, FINAL SURFACE (23144025201)	LS	1.000

ALT	Item	Description	Unit	Quantity
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	4,632.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	751.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	1,930.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	1.610
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	799.000
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.170
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	551.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	83.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROWS	EA	238.000
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	6.384
	0711- 16-102	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8"	GM	0.800
	0711- 16-131	THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	3.494
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	5.119
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	0.137
	0713-103-101	PERMANENT TAPE, WHITE, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.091
	0713-103-131	PERMENENT TAPE, WHITE, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.108
	0713-103-201	PERMANENT TAPE, YELLOW, SOLID, 6" FOR CONCRETE BRIDGES	GM	0.091
	0713-103-331	PERMANENT TAPE, BLACK, SKIP/DOTTED, 6" FOR CONCRETE SURFACES	GM	0.109
Section 0004 Lighting				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	15,418.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	2,382.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	152.000
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	40,578.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	13,094.000
	0715- 4-600	LIGHT POLE COMPLETE, REMOVE	EA	7.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL	EA	122.000
	0715-500- 3	POLE CABLE DISTRIBUTION SYSTEM, WALL MOUNT	EA	7.000
	0715-512-325	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM SHOULDER MOUNT, CONCRETE, 25'	EA	122.000
	0715-514-325	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM WALL MOUNT, CONCRETE, 25'	EA	4.000
	0715-517-325	LIGHT POLE COMPLETE- SPECIAL DESIGN, F&I, DOUBLE ARM BRIDGE MOUNT, CONCRETE, 25'	EA	3.000
Section 0005 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	13,314.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	1,736.000
	0630- 2- 15	CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT	LF	240.000

ALT	Item	Description	Unit	Quantity
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	4.000
	0633- 1-122	FIBER OPTIC CABLE, F&I, UNDERGROUND,13-48 FIBERS	LF	9,548.000
	0633- 2- 32	FIBER OPTIC CONNECTION, INSTALL, TERMINATION	EA	96.000
	0633- 3- 11	FIBER OPTIC CONNECTION HARDWARE, F&I, SPLICE ENCLOSURE	EA	2.000
	0633- 4- 1	SIGNALS COMMUNICATION CABLE- TWISTED PAIR CABLE, FURNISH & INSTALL	LF	198.000
	0634- 4-600	SPAN WIRE ASSEMBLY, REMOVE- POLES REMAIN	PI	1.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	76.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	18.000
	0639- 1-123	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED	AS	3.000
	0639- 2- 1	ELECTRICAL SERVICE WIRE, FURNISH & INSTALL	LF	891.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	3.000
	0641- 2- 12	PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE	EA	3.000
	0641- 2- 70	PRESTRESSED CONCRETE POLE, SHALLOW POLE REMOVAL- POLE 30' AND GREATER	EA	4.000
	0646- 1- 11	ALUMINUM SIGNALS POLE, PEDESTAL	EA	18.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	26.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	2.000
	0649- 31-102	MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,W/0 LUMINAIRE-46	EA	2.000
	0649- 31-103	MAST ARM,F&I, WIND SPEED-150, SINGLE ARM,W/0 LUMINAIRE-60	EA	7.000
	0649- 31-104	MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,W/0 LUMINAIRE-70.5	EA	3.000
	0649- 31-105	MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,W/0 LUMINAIRE-78	EA	4.000
	0649- 31-109	MAST ARM,F&I, WIND SPEED-150,SINGLE ARM,WITH LUMINAIRE-70.5	EA	1.000
	0649- 31-999	MAST ARM,F&I, CUSTOM WIND SPEED, CUSTOM ARM LENGTH(S)	EA	1.000
	0649- 36-300	MAST ARM, REMOVE SHALLOW FOUNDATION, BOLT ON ATTACHMENT	EA	8.000
	0650- 1- 14	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	70.000
	0650- 1- 16	TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	2.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	32.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	2.000
	0660- 4- 11	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL CABINET EQUIPMENT	EA	4.000
	0660- 4- 12	VEHICLE DETECTION SYSTEM- VIDEO, FURNISH & INSTALL ABOVE GROUND EQUIPMENT	EA	16.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	21.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	8.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	2.000
	0670- 5-110	TRAFFIC CONTROLLER ASSEMBLY, F&I, NEMA	AS	4.000
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	3.000
	0685-106-	SYSTEM AUXILIARIES, F&I, UNINTERRUPTIBLE POWER SOURCE	EA	4.000

ALT	Item	Description	Unit	Quantity
	0685-120-	SYSTEM AUXILIARIES, F&I, TELEMETRY TRANSCEIVER	EA	4.000
	0685-128-	SYSTEM AUXILIARIES, FURNISH & INSTALL, INTERFACE PANEL	EA	4.000
	0695- 1- 1	TRAFFIC MONITORING SITE VEHICLE SENSOR-NON-WEIGHT, FURNISH & INSTALL	EA	4.000
	0695- 6- 12	TRAFFIC MONOTORING SITE INDUCTIVE LOOP ASSEMBLY, FURNISH & INSTALL, 2 LOOPS	EA	8.000
	0695- 7-131	TRAFFIC MONOTORING SITE CABINET, FURNISH & INSTALL, TYPE 3, BASE MOUNT	EA	1.000
	0700- 5- 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	10.000
	0700- 5- 22	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL, OVERHEAD MOUNT, 12-18 SF	EA	6.000
	0715- 11-111	LUMINAIRE, F&I, ROADWAY, COBRA HEAD	EA	2.000
Section 0006 Landscape / Peripheral				
	0523- 1-	PATTERNED PAVEMENT, VEHICULAR AREAS	SY	597.000
	0523- 2-	PATTERNED PAVEMENT, NON-VEHICULAR AREAS	SY	308.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	4,270.000
	0580- 1- 1	LANDSCAPE COMPLETE- SMALL PLANTS (23144025201)	LS	1.000
	0580- 1- 2	LANDSCAPE COMPLETE- LARGE PLANTS (23144025201)	LS	1.000
	0590- 70-	IRRIGATION SYSTEM (23144025201)	LS	1.000
	0639- 1-111	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY	AS	2.000