

Florida Department of Transportation
Bid Solicitation Notice and Approximate Quantities

Letting: 06230928 Call Order: 003 Proposal: E6O83 District:06

Counties: MIAMI-DADE

Road Name: TRAFFIC OPS - MISC. CONSTRUCTION IN MIAMI DADE COUNTY

Limits: Midpoint

Project(s): 44626145201(*) Federal Aid No: N/A

Total Roadway Length:	0.000 Miles	Contract Days:	730
Total Bridge Length:	0.000 Miles	Letting Date:	09/28/23
Total Proposal Length:	0.000 Miles	Contract Execution Days:	10
		Special Start Date:	N/A
		Aquis/Flexible Start Time:	30

Proposal Budget Estimate: \$1,500,000.00

Please read the full advertisement

Description:

A contract consisting of Traffic Operations Push-Button Miscellaneous Construction at various locations in Miami-Dade County.

The quantities shown on the Bid Price Proposal are approximate and only represent estimated planned requirements based on historical or specific project needs. The Department does not guarantee any maximum or minimum quantity, any range of quantities, or the exact quantities shown for each bid item. The Department's estimated quantities and the Contractors' bid price will be used to calculate the total bid amount. This total bid amount will then be used to determine the low bidder; however, actual payment under the awarded contract will be based on actual quantities completed. For this Contract in which specific sites are not identified at the time of letting, the Engineer will issue a Work Document. Work Documents will identify the location, description, amount of work to be accomplished, and the number of calendar days to complete the work.

***The award will be made at the Department's Advertised Estimate of \$1,500,000.00

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ALT	Item	Description	Unit	Quantity
Section 0001 Roadway				
	0102- 14-	TRAFFIC CONTROL OFFICER	HR	300.000
	0102- 60-	WORK ZONE SIGN	ED	1,600.000
	0102- 71- 13	TEMPORARY BARRIER, F&I, LOW PROFILE, CONCRETE	LF	1,000.000
	0102- 71- 15	TEMPORARY BARRIER, F&I, ANCHORED	LF	100.000
	0102- 71- 16	TEMPORARY BARRIER, F&I, FREE STANDING	LF	100.000
	0102- 74- 1	CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD	ED	5,000.000
	0102- 74- 8	CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE)	FD	200.000
	0102- 76-	ARROW BOARD / ADVANCE WARNING ARROW PANEL	ED	300.000
	0102- 99-	PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY	ED	500.000
	0102-104-	TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION	ED	400.000
	0102-107- 1	TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION	ED	400.000
	0102-115-	TYPE III BARRICADE	ED	100.000
	0104- 18-	INLET PROTECTION SYSTEM	EA	20.000
	0107- 1-	LITTER REMOVAL	AC	0.500
	0110- 2- 1	CLEARING & GRUBBING (PUSH BUTTON CONTRACT)	AC	1.000
	0110- 4- 10	REMOVAL OF EXISTING CONCRETE	SY	600.000
	0110- 21-	TREE PROTECTION BARRIER	LF	100.000

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ALT	Item	Description	Unit	Quantity
	0110- 22-	TREE ROOT AND BRANCH PRUNING	EA	5.000
	0120- 1-	REGULAR EXCAVATION	CY	150.000
	0120- 2- 2	BORROW EXCAVATION, TRUCK MEASURE	CY	100.000
	0120- 6-	EMBANKMENT	CY	200.000
	0160- 4-	TYPE B STABILIZATION	SY	250.000
	0285-709-	OPTIONAL BASE, BASE GROUP 09	SY	100.000
	0327- 70- 1	MILLING EXISTING ASPHALT PAVEMENT, 1" AVG DEPTH	SY	4,000.000
	0327- 70- 6	MILLING EXISTING ASPHALT PAVEMENT, 1 1/2" AVG DEPTH	SY	500.000
	0334- 1- 13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	50.000
	0337- 7- 82	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22	TN	100.000
	0337- 7- 83	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22	TN	30.000
	0339- 1-	MISCELLANEOUS ASPHALT PAVEMENT	TN	10.000
	0425- 5-	MANHOLE, ADJUST	EA	10.000
	0425- 6-	VALVE BOXES, ADJUST	EA	10.000
	0515- 1- 1	PIPE HANDRAIL - GUIDERAIL, STEEL	LF	200.000
	0520- 1- 10	CONCRETE CURB & GUTTER, TYPE F	LF	200.000
	0520- 2- 4	CONCRETE CURB, TYPE D	LF	100.000
	0520- 5- 11	TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE	LF	100.000
	0520- 5- 42	TRAFFIC SEPARATOR CONCRETE- TYPE IV, 6' WIDE	LF	100.000
	0522- 1-	CONCRETE SIDEWALK AND DRIVEWAYS, 4" THICK	SY	200.000
	0522- 2-	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	200.000
	0527- 2-	DETECTABLE WARNINGS	SF	200.000
	0570- 1- 2	PERFORMANCE TURF, SOD	SY	200.000
	0710- 11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	1.000
	0710- 11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	1.000
	0710- 11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12"	LF	300.000
	0710- 11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	100.000
	0710- 11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	300.000
	0710- 11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 10-30 OR 3-9 SKIP, 6" WIDE	GM	1.000
	0710- 11-141	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 DOTTED EXTENSION, 6"	GM	0.500
	0710- 11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	20.000
	0710- 11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROWS	EA	20.000
	0710- 11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	1.000
	0710- 11-202	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8"	GM	0.500
	0710- 11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	100.000
	0710- 11-231	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6"	GM	1.000

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ALT	Item	Description	Unit	Quantity
	0710- 11-241	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, 2-4 DOTTED GUIDELINE/6-10 DOTTED EXTENSION, 6"	GM	0.500
Section 0002 Signing				
	0700- 1- 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	100.000
	0700- 1- 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	20.000
	0700- 1- 13	SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	10.000
	0700- 1- 21	SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871/700-013 UP TO 12 SF	AS	10.000
	0700- 1- 31	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, UP TO 12 SF	AS	4.000
	0700- 1- 33	SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870/700-012, 21-30 SF	AS	2.000
	0700- 1- 50	SINGLE POST SIGN, RELOCATE	AS	10.000
	0700- 1- 60	SINGLE POST SIGN, REMOVE	AS	100.000
	0700- 2- 11	MULTI- POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS	1.000
	0700- 2- 12	MULTI- POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	1.000
	0700- 2- 13	MULTI- POST SIGN, F&I GROUND MOUNT, 21-30 SF	AS	1.000
	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	1.000
	0700- 2- 50	MULTI- POST SIGN, GROUND MOUNT, RELOCATE	AS	5.000
	0700- 2- 60	MULTI- POST SIGN, REMOVE	AS	4.000
	0700- 3-101	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, UP TO 12 SF	EA	10.000
	0700- 3-102	SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 12-20 SF	EA	2.000
	0700- 3-201	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	10.000
	0700- 3-202	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 12-20 SF	EA	2.000
	0700- 3-203	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 21-30 SF	EA	2.000
	0700- 3-204	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 31-50 SF	EA	2.000
	0700- 3-205	SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 51-100 SF	EA	2.000
	0700- 3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	EA	10.000
	0700- 3-502	SIGN PANEL, RELOCATE, 12-20 SF	EA	10.000
	0700- 3-503	SIGN PANEL, RELOCATE, 21-30 SF	EA	2.000
	0700- 3-504	SIGN PANEL, RELOCATE, 31-50 SF	EA	2.000
	0700- 3-506	SIGN PANEL, RELOCATE, 101-200 SF	EA	2.000
	0700- 3-601	SIGN PANEL, REMOVE, UP TO 12 SF	EA	20.000
	0700- 3-602	SIGN PANEL, REMOVE, 12-20 SF	EA	2.000
	0700- 3-603	SIGN PANEL, REMOVE, 21-30 SF	EA	2.000
	0700- 3-604	SIGN PANEL, REMOVE, 31-50 SF	EA	2.000
	0700- 3-605	SIGN PANEL, REMOVE, 51-100 SF	EA	2.000
	0700- 3-626	SIGN PANEL, REMOVE, 101-200 SF WITH LIGHTING	EA	2.000
	0700- 3-627	SIGN PANEL, REMOVE PANEL, 201-300 SF WITH LIGHTING	EA	2.000
	0700- 4-140	OVERHEAD STATIC SIGN STRUCTURE, FURNISH & INSTALL, OVERPASS BRIDGE MOUNT	EA	2.000
	0700- 4-640	OVERHEAD STATIC SIGN STRUCTURE, REMOVE BRIDGE MOUNT	EA	2.000
	0700- 13- 12	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2'	EA	100.000
	0700- 13- 15	RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 5'	EA	100.000
	0700-141-111	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS	EA	8.000

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ALT	Item	Description	Unit	Quantity
	0700-141-121	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/2 BEACONS, UP TO 12 SF OF STATIC SIGN PANELS	EA	8.000
	0700-141-131	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/EDS, UP TO 12 SF OF STATIC SIGN PANELS	EA	4.000
	0700-141-132	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/EDS, 12-20 SF OF STATIC SIGN PANELS	EA	4.000
	0700-141-141	ENHANCED HWY SIGN ASSEMBLY, AC POWERED, F&I GROUND MOUNT, W/HIGHLIGHTED SIGN <12 SF, UP TO 12 SF OF STATIC SIGN PANELS	EA	4.000
	0700-141-330	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, F&I OVERHEAD MOUNT, ELECTRONIC DISPLAY SIGN	EA	4.000
	0700-141-801	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, RELOCATE BEACON(S), SIGN TO REMAIN	EA	10.000
	0700-141-901	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, REMOVE BEACON(S), SIGN TO REMAIN	EA	10.000
	0700-141-902	ENHANCED HIGHWAY SIGN ASSEMBLY, AC POWERED, REMOVE - GROUND MOUNT	EA	2.000
	0700-142-111	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/BEACON, UP TO 12 SF OF STATIC SIGN PANELS	EA	8.000
	0700-142-121	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/2 BEACONS, UP TO 12 SF OF STATIC SIGN PANELS	EA	8.000
	0700-142-131	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/EDS, UP TO 12 SF OF STATIC SIGN PANELS	EA	4.000
	0700-142-132	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I GROUND MOUNT, W/EDS, 12-20 SF OF STATIC SIGN PANELS	EA	4.000
	0700-142-314	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, F&I OVERHEAD MOUNT, W/BEACON, 31-50 SF OF STATIC SIGN PANELS	EA	8.000
	0700-142-902	ENHANCED HIGHWAY SIGN ASSEMBLY, SOLAR POWERED, REMOVE - GROUND MOUNT	EA	2.000
	0704- 1- 1	TUBULAR MARKER, DURABLE, 36" WHITE POST	EA	20.000
	0704- 1- 2	TUBULAR MARKER, DURABLE, 36" YELLOW POST	EA	20.000
	0705- 10- 1	OBJECT MARKER, TYPE 1	EA	10.000
	0705- 11- 1	DELINEATOR, FLEXIBLE TUBULAR	EA	100.000
	0706- 1- 3	RAISED PAVEMENT MARKER, TYPE B	EA	100.000
	0710- 11-290	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, ISLAND NOSE	SF	200.000
	0711- 11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	GM	1.000
	0711- 11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	1,000.000
	0711- 11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	100.000
	0711- 11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	500.000
	0711- 11-141	THERMOPLASTIC, STANDARD, WHITE, 2-4 DOTTED GUIDELINE/ 6-10 GAP EXTENSION, 6"	GM	0.500
	0711- 11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	20.000
	0711- 11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	20.000
	0711- 11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	100.000

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ALT	Item	Description	Unit	Quantity
	0711- 11-241	THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6"	GM	0.200
	0711- 14-123	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK	LF	500.000
	0711- 14-125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	1,000.000
	0711- 14-160	THERMOPLASTIC, PREFORMED, WHITE, MESSAGE	EA	10.000
	0711- 14-170	THERMOPLASTIC, PREFORMED, WHITE, ARROW	EA	10.000
	0711- 14-660	THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD	EA	10.000
	0711- 15-101	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES WHITE, SOLID, 6"	GM	0.200
	0711- 15-102	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SOLID, 8"	GM	0.200
	0711- 15-131	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.200
	0711- 15-201	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SOLID, 6"	GM	0.200
	0711- 15-202	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES YELLOW, SOLID, 8"	GM	0.200
	0711- 15-231	THERMOPLASTIC, STANDARD-OPEN GRADED ASPHALT SURFACES, YELLOW, SKIP, 6"	GM	0.200
	0711- 16-101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	1.000
	0711- 16-131	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP	GM	0.200
	0711- 16-133	THERMOPLASTIC, STANDARD-OTHER SURFACES WHITE, SKIP, 12"-APPROACH TO TOLL PLAZA OR 3-9 LANE DROP	GM	0.200
	0711- 16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	1.000
	0711- 16-202	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 8"	GM	1.000
	0711- 16-231	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SKIP, 6"	GM	1.000
	0711- 17- 1	THERMOPLASTIC, REMOVE EXISTING THERMOPLASTIC PAVEMENT MARKINGS- SURFACE TO REMAIN	SF	5,000.000
Section 0003 Lighting				
	0715- 1- 12	LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6	LF	2,000.000
	0715- 1- 13	LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2	LF	1,000.000
	0715- 7- 11	LOAD CENTER, F&I, SECONDARY VOLTAGE	EA	1.000
	0715- 11-211	LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD	EA	10.000
	0715- 61-452	LIGHT POLE COMPLETE, F&I, STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT, 15' ARM LENGTH	EA	10.000
	0715- 68-000	LIGHT POLE COMPLETE, RELOCATE	EA	1.000
	0715- 69-000	LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION	EA	1.000
	0715-500- 1	POLE CABLE DISTRIBUTION SYSTEM, FURNISH AND INSTALL, CONVENTIONAL	EA	10.000
Section 0004 Signalization				
	0630- 2- 11	CONDUIT, FURNISH & INSTALL, OPEN TRENCH	LF	500.000
	0630- 2- 12	CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE	LF	3,000.000
	0630- 2- 14	CONDUIT, FURNISH & INSTALL, ABOVEGROUND	LF	100.000

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ALT	Item	Description	Unit	Quantity
	0632- 7- 1	SIGNAL CABLE- NEW OR RECONSTRUCTED INTERSECTION, FURNISH & INSTALL	PI	4.000
	0632- 7- 2	SIGNAL CABLE- REPAIR/REPLACE/OTHER, FURNISH & INSTALL	LF	2,000.000
	0632- 7- 6	SIGNAL CABLE, REMOVE- INTERSECTION	PI	2.000
	0632- 7- 7	SIGNAL CABLE, REMOVE- OUTSIDE OF INTERSECTION	LF	100.000
	0635- 2- 11	PULL & SPLICE BOX, F&I, 13" x 24" COVER SIZE	EA	100.000
	0635- 2- 12	PULL & SPLICE BOX, F&I, 24" X 36" COVER SIZE	EA	10.000
	0635- 3- 12	JUNCTION BOX, FURNISH & INSTALL, MOUNTED	EA	2.000
	0639- 1-111	ELECTRICAL POWER SERVICE, F&I, OVERHEAD, METER FURNISHED BY POWER COMPANY	AS	2.000
	0639- 1-113	ELECTRICAL POWER SERVICE, F&I, OVERHEAD METER NOT REQUIRED	AS	2.000
	0639- 1-122	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR	AS	4.000
	0639- 1-123	ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED	AS	4.000
	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	4,000.000
	0639- 2- 6	ELECTRICAL SERVICE WIRE, REMOVE	LF	1,000.000
	0639- 3- 11	ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT	EA	5.000
	0639- 3- 60	ELECTRICAL SERVICE DISCONNECT, REMOVE- POLE OR CABINET TO REMAIN	EA	2.000
	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	10.000
	0646- 1- 12	ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST	EA	8.000
	0646- 1- 60	ALUMINUM SIGNALS POLE, REMOVE	EA	10.000
	0649- 21- 3	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40'	EA	1.000
	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	1.000
	0649- 21- 15	STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70'	EA	1.000
	0649- 26- 3	STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT	EA	1.000
	0650- 1- 14	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 3 SECTION, 1 WAY	AS	5.000
	0650- 1- 16	VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 4 SECTION, 1 WAY	AS	2.000
	0650- 1- 60	VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN	AS	2.000
	0650- 1- 70	VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION	AS	1.000
	0650- 2-102	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER	EA	5.000

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ALT	Item	Description	Unit	Quantity
	0650- 2-105	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, TUNNEL VISOR	EA	5.000
	0650- 2-106	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- 12" LED STANDARD MODULE	EA	4.000
	0650- 2-109	VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, BACKPLATE- FLEXIBLE REQUIRED	EA	4.000
	0653- 1- 11	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 1 WAY	AS	30.000
	0653- 1- 12	PEDESTRIAN SIGNAL, FURNISH & INSTALL LED COUNTDOWN, 2 WAYS	AS	5.000
	0653- 1- 40	PEDESTRIAN SIGNAL, RELOCATE	AS	5.000
	0653- 1- 60	PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN	AS	10.000
	0654- 1- 20	MIDBLOCK CROSSWALK: IN ROADWAY LIGHT ASSEMBLY, FURNISH & INSTALL- SOLAR POWERED, COMPLETE CROSSING	AS	2.000
	0654- 2- 11	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- AC, COMPLETE SIGN ASSEMBLY- SINGLE DIRECTION	AS	4.000
	0654- 2- 12	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- AC, COMPLETE SIGN ASSEMBLY- BACK TO BACK	AS	4.000
	0654- 2- 15	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- AC POWER, MAST ARM MOUNT RRFB SIGN ASSEMBLY	AS	4.000
	0654- 2- 21	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN ASSY- SINGLE DIRECTION	AS	4.000
	0654- 2- 22	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR, COMPLETE SIGN ASSEMBLY- BACK TO BACK	AS	4.000
	0654- 2- 60	MIDBLOCK CROSSWALK: RECTANGULAR RAPID FLASHING BEACON, REMOVE COMPLETE SIGN ASSEMBLY	AS	4.000
	0654- 3- 10	MIDBLOCK CROSSWALK: PEDESTRIAN HYBRID BEACON ASSEMBLY, FURNISH & INSTALL COMPLETE ASSEMBLY	AS	4.000
	0660- 1-109	LOOP DETECTOR INDUCTIVE, F&I, TYPE 9	EA	2.000
	0660- 1-600	LOOP DETECTOR INDUCTIVE, REMOVE- CABINET TO REMAIN	EA	2.000
	0660- 2-101	LOOP ASSEMBLY- F&I, TYPE A	AS	4.000
	0660- 2-106	LOOP ASSEMBLY, F&I, TYPE F	AS	4.000
	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	4.000
	0665- 1- 11	PEDESTRIAN DETECTOR, FURNISH & INSTALL, STANDARD	EA	16.000
	0665- 1- 12	PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE	EA	10.000
	0665- 1- 60	PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN	EA	12.000
	0670- 4- 1	INTERSECTION CONTROL BEACON CONTROLLER ASSEMBLY, FURNISH & INSTALL	AS	2.000
	0670- 5-140	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL MODEL 2070	AS	2.000
	0670- 5-141	TRAFFIC CONTROLLER ASSEMBLY, FURNISH & INSTALL, MODEL 2070, 1 PREEMPTION	AS	1.000

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ALT	Item	Description	Unit	Quantity
	0670- 5-600	TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET	AS	2.000
	0676- 3- 10	SMALL EQUIPMENT ENCLOSURE, FURNISH AND INSTALL, LESS THAN 10"W X 13"H X 11" D	EA	1.000
	0684- 90-102	NETWORK DEVICE, CELLULAR MODEM	EA	3.000
	0700- 5- 21	INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF	EA	4.000
	0700- 5- 50	INTERNALLY ILLUMINATED SIGN, RELOCATE	EA	2.000
	0700- 5- 60	INTERNALLY ILLUMINATED SIGN, REMOVE	EA	2.000