

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

Letting: 06180927 Call Order: 003 Proposal: E6L68 District:06
 Counties: DIST/ST-WIDE
 Road Name: TRAFFIC OPS
 Limits: Midpoint
 Project(s): 43163565201(*) Federal Aid No: N/A
 Total Roadway Length: 0.000 Miles Contract Days: 730
 Total Bridge Length: 0.000 Miles Letting Date: 09/27/18
 Total Proposal Length: 0.000 Miles Contract Execution Days: 10
 Special Start Date: N/A
 Aquis/Flexible Start Time: 30

Proposal Budget Estimate: \$1,028,000.00

Please read the full advertisement

Description:

Electronic bids are requested for a contract consisting of traffic operations improvements 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 a 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 accomplished, and the number of calendar days to complete the work. Prequalification is required.

Award will be made at the Budgetary Ceiling of \$ 1,028,000.00. If vendor's bid is above the Budgetary Ceiling amount, vendor will receive the budgetary ceiling amount. If vendor's bid is below the Budgetary Ceiling amount, vendor will receive their bid amount.

Visit www.bidx.com for more information.

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| ALT | Item | Description | Unit | Quantity |
|-----------------------------|--------------|--|------|------------|
| Section 0001 Roadway | | | | |
| | 0102- 14- | TRAFFIC CONTROL OFFICER | HR | 400.000 |
| | 0102- 60- | WORK ZONE SIGN | ED | 3,500.000 |
| | 0102- 71- 15 | TEMPORARY BARRIER, F&I, ANCHORED | LF | 400.000 |
| | 0102- 71- 16 | TEMPORARY BARRIER, F&I, FREE STANDING | LF | 400.000 |
| | 0102- 71- 25 | TEMPORARY BARRIER, RELOCATE, ANCHORED | LF | 200.000 |
| | 0102- 71- 26 | TEMPORARY BARRIER, RELOCATE, FREE STANDING | LF | 200.000 |
| | 0102- 74- 1 | CHANNELIZING DEVICE- TYPES I, II, DI, VP, DRUM, OR LCD | ED | 10,000.000 |
| | 0102- 74- 2 | CHANNELIZING DEVICE, TYPE III, 6' | ED | 100.000 |
| | 0102- 74- 7 | CHANNELIZING DEVICE- PEDESTRIAN LCD (LONGITUDINAL CHANNELIZING DEVICE) | LF | 1,000.000 |
| | 0102- 76- | ARROW BOARD / ADVANCE WARNING ARROW PANEL | ED | 350.000 |
| | 0102- 78- | TEMPORARY RETROREFLECTIVE PAVEMENT MARKER | EA | 200.000 |
| | 0102- 89- 1 | TEMPORARY CRASH CUSHION, REDIRECTIVE OPTION | LO | 10.000 |
| | 0102- 99- | PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY | ED | 200.000 |
| | 0102-104- | TEMPORARY SIGNALIZATION AND MAINTENANCE, INTERSECTION | ED | 400.000 |
| | 0102-107- 1 | TEMPORARY TRAFFIC DETECTION AND MAINTENANCE, INTERSECTION | ED | 400.000 |

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|-----|--------------|---|------|-----------|
| | 0104- 18- | INLET PROTECTION SYSTEM | EA | 20.000 |
| | 0110- 4- 10 | REMOVAL OF EXISTING CONCRETE | SY | 600.000 |
| | 0120- 1- | REGULAR EXCAVATION | CY | 200.000 |
| | 0120- 2- 2 | BORROW EXCAVATION, TRUCK MEASURE | CY | 150.000 |
| | 0160- 4- | TYPE B STABILIZATION | SY | 1,000.000 |
| | 0162- 1- 11 | PREPARED SOIL LAYER, FINISH SOIL LAYER, 6" | SY | 500.000 |
| | 0162- 1- 12 | PREPARED SOIL LAYER, FINISH SOIL LAYER, 12" | SY | 100.000 |
| | 0285-703- | OPTIONAL BASE, BASE GROUP 03 | SY | 100.000 |
| | 0285-709- | OPTIONAL BASE, BASE GROUP 09 | SY | 1,000.000 |
| | 0285-715- | OPTIONAL BASE, BASE GROUP 15 | SY | 250.000 |
| | 0327- 70- 1 | MILLING EXIST ASPH PAVT, 1" AVG DEPTH | SY | 7,000.000 |
| | 0327- 70- 5 | MILLING EXIST ASPH PAVT, 2" AVG DEPTH | SY | 250.000 |
| | 0327- 70- 6 | MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH | SY | 2,000.000 |
| | 0327- 70- 19 | MILLING EXIST ASPH PAVT, 3/4" AVG DEPTH | SY | 500.000 |
| | 0334- 1- 13 | SUPERPAVE ASPHALTIC CONC, TRAFFIC C | TN | 350.000 |
| | 0334- 1- 14 | SUPERPAVE ASPHALTIC CONC, TRAFFIC D | TN | 100.000 |
| | 0337- 7- 25 | ASPHALT CONCRETE FRICTION COURSE, INC BIT, FC-5, PG 76-22 | TN | 30.000 |
| | 0337- 7- 82 | ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-9.5, PG 76-22 | TN | 400.000 |
| | 0337- 7- 83 | ASPHALT CONCRETE FRICTION COURSE, TRAFFIC C, FC-12.5, PG 76-22 | TN | 150.000 |
| | 0337- 7- 85 | ASPHALT CONCRETE FRICTION COURSE, TRAFFIC D, FC-12.5, PG 76-22 | TN | 100.000 |
| | 0339- 1- | MISCELLANEOUS ASPHALT PAVEMENT | TN | 150.000 |
| | 0400- 0- 11 | CONCRETE CLASS NS, GRAVITY WALL | CY | 60.000 |
| | 0425- 5- | MANHOLE, ADJUST | EA | 10.000 |
| | 0425- 6- | VALVE BOXES, ADJUST | EA | 15.000 |
| | 0515- 1- 1 | PIPE HANDRAIL - GUIDERAIL, STEEL | LF | 500.000 |
| | 0520- 1- 10 | CONCRETE CURB & GUTTER, TYPE F | LF | 2,000.000 |
| | 0520- 2- 4 | CONCRETE CURB, TYPE D | LF | 1,000.000 |
| | 0520- 5- 11 | TRAFFIC SEPARATOR CONCRETE-TYPE I, 4' WIDE | LF | 100.000 |
| | 0520- 5- 12 | TRAFFIC SEPARATOR CONCRETE-TYPE I, 6' WIDE | LF | 100.000 |
| | 0520- 5- 41 | TRAFFIC SEPARATOR CONCRETE- TYPE IV, 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 | 500.000 |
| | 0522- 2- | CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK | SY | 500.000 |
| | 0523- 1- 3 | PATTERNED PAVEMENT, VEHICULAR AREAS- GREEN BIKE LANE | SY | 300.000 |
| | 0527- 2- | DETECTABLE WARNINGS | SF | 500.000 |
| | 0536- 1- 1 | GUARDRAIL -ROADWAY, GENERAL TL-3 | LF | 300.000 |
| | 0536- 7- 2 | SPECIAL GUARDRAIL POST- SPECIAL STEEL POST FOR CONCRETE STRUCTURE MOUNT | EA | 5.000 |
| | 0536- 7- 3 | SPECIAL GUARDRAIL POST- ENCASED POST FOR SHALLOW MOUNT | EA | 5.000 |
| | 0536- 8- 11 | APPROACH TRANSITION TO RIGID BARRIER CONNECTION, FURNISH & INSTALL | EA | 2.000 |
| | 0536- 73- | GUARDRAIL REMOVAL | LF | 100.000 |
| | 0536- 85- 24 | GUARDRAIL END TREATMENT- PARALLEL APPROACH TERMINAL | EA | 2.000 |

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| | 0536- 85- 25 | GUARDRAIL END TREATMENT- TRAILING ANCHORAGE TYPE II | EA | 2.000 |
| | 0538- 1- | GUARDRAIL RESET | LF | 100.000 |
| | 0546- 71- | RUMBLE STRIPS | PS | 40.000 |
| | 0546- 72- 2 | GROUND-IN RUMBLE STRIPS, 8" CYLINDRICAL | GM | 1.000 |
| | 0550- 10-220 | FENCING, TYPE B, 5.1-6.0', STANDARD | LF | 200.000 |
| | 0550- 60-222 | FENCE GATE, TYPE B, DOUBLE, 6.1-12.0' OPENING | EA | 1.000 |
| | 0570- 1- 2 | PERFORMANCE TURF, SOD | SY | 1,500.000 |
| | 0710- 11-101 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6" | GM | 2.000 |
| | 0710- 11-102 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8" | GM | 2.000 |
| | 0710- 11-123 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK AND ROUNDABOUT, 12" | LF | 1,000.000 |
| | 0710- 11-124 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR DIAGONAL OR CHEVRON, 18" | LF | 500.000 |
| | 0710- 11-125 | PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24" | LF | 500.000 |
| | 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 | 40.000 |
| | 0710- 11-201 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6" | GM | 2.000 |
| | 0710- 11-202 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR INTERCHANGE AND URBAN ISLAND, 8" | GM | 2.000 |
| | 0710- 11-224 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18" | LF | 500.000 |
| | 0710- 11-231 | PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SKIP, 6" | GM | 1.000 |
| | 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 | 150.000 |
| | 0700- 1- 12 | SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF | AS | 15.000 |
| | 0700- 1- 13 | SINGLE POST SIGN, F&I GROUND MOUNT, 21-30 SF | AS | 10.000 |
| | 0700- 1- 14 | SINGLE POST SIGN, F&I GROUND MOUNT, 31+ SF | AS | 10.000 |
| | 0700- 1- 21 | SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871 UP TO 12 SF | AS | 5.000 |
| | 0700- 1- 22 | SINGLE POST SIGN, F&I BARRIER MOUNT INDEX 11871 12-20 SF | AS | 5.000 |
| | 0700- 1- 31 | SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, UP TO 12 SF | AS | 5.000 |
| | 0700- 1- 32 | SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, 12-20 SF | AS | 5.000 |
| | 0700- 1- 33 | SINGLE POST SIGN, F&I BRIDGE MOUNT INDEX 11870, 21-30 SF | AS | 2.000 |
| | 0700- 1- 50 | SINGLE POST SIGN, RELOCATE | AS | 10.000 |
| | 0700- 1- 60 | SINGLE POST SIGN, REMOVE | AS | 50.000 |
| | 0700- 2- 11 | MULTI- POST SIGN, F&I GROUND MOUNT, UP TO 12 SF | AS | 2.000 |
| | 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 |

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| | 0700- 2- 50 | MULTI- POST SIGN, GROUND MOUNT, RELOCATE | AS | 3.000 |
| | 0700- 2- 60 | MULTI- POST SIGN, REMOVE | AS | 3.000 |
| | 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- 3-103 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 21-30 SF | EA | 2.000 |
| | 0700- 3-104 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 31-50 SF | EA | 2.000 |
| | 0700- 3-105 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 51-100 SF | EA | 2.000 |
| | 0700- 3-106 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 101-200 SF | EA | 2.000 |
| | 0700- 3-107 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 201-300 SF | EA | 2.000 |
| | 0700- 3-108 | SIGN PANEL, FURNISH & INSTALL GROUND MOUNT, 301-400 SF | EA | 2.000 |
| | 0700- 3-201 | SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF | EA | 6.000 |
| | 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- 3-206 | SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 101-200 SF | EA | 2.000 |
| | 0700- 3-207 | SIGN PANEL, FURNISH & INSTALL OVERHEAD MOUNT, 201-300 SF | EA | 2.000 |
| | 0700- 3-501 | SIGN PANEL, RELOCATE, UP TO 12 SF | EA | 20.000 |
| | 0700- 3-502 | SIGN PANEL, RELOCATE, 12-20 SF | EA | 2.000 |
| | 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 | 15.000 |
| | 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- 11-131 | ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, SPEED FEEDBACK SIGN, UP TO 12 SF | AS | 2.000 |
| | 0700- 11-132 | ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- AC POWERED, SPEED FEEDBACK SIGN, 12-20 SF | AS | 2.000 |
| | 0700- 11-231 | ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- SOLAR POWER, SPEED FEEDBACK, UP TO 12 SF | AS | 2.000 |
| | 0700- 11-232 | ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL GROUND MOUNT- SOLAR POWER, SPEED FEEDBACK, 12-20 SF | AS | 2.000 |
| | 0700- 11-391 | ELECTRONIC DISPLAY SIGN, FURNISH & INSTALL OVERHEAD MOUNT- AC POWERED, BLANK OUT SIGN, UP TO 12 SF | AS | 8.000 |
| | 0700- 12- 11 | SIGN BEACON, F&I GROUND MOUNT- AC POWERED, ONE BEACON | AS | 8.000 |
| | 0700- 12- 12 | SIGN BEACON, F&I GROUND MOUNT- AC POWERED, TWO BEACONS | AS | 8.000 |
| | 0700- 12- 21 | SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, ONE BEACON | AS | 8.000 |
| | 0700- 12- 22 | SIGN BEACON, F&I GROUND MOUNT- SOLAR POWERED, TWO BEACONS | AS | 8.000 |
| | 0700- 12- 31 | SIGN BEACON, F&I OVERHEAD MOUNT, ONE BEACON | AS | 8.000 |
| | 0700- 12- 32 | SIGN BEACON, F&I OVERHEAD MOUNT, TWO BEACONS | AS | 8.000 |
| | 0700- 12- 50 | SIGN BEACON, RELOCATE BEACON- SIGN TO REMAIN | AS | 4.000 |

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| | 0700- 12- 60 | SIGN BEACON, REMOVE BEACON- SIGN TO REMAIN | AS | 4.000 |
| | 0700- 13- 12 | RETROREFLECTIVE SIGN STRIP- FURNISH AND INSTALL, 2' | EA | 150.000 |
| | 0701- 17-101 | PROFILED THERMOPLASTIC,STANDARD- CONCRETE SURFACES, WHITE, SOLID,6" | GM | 2.000 |
| | 0701- 17-201 | PROFILED THERMOPLASTIC,STANDARD- CONCRETE SURFACES, YELLOW, SOLID,6" | GM | 2.000 |
| | 0701- 17-221 | PROFILED THERMOPLASTIC,STANDARD- CONCRETE SURFACES, YELLOW, SKIP,6" | GM | 1.000 |
| | 0701- 18-101 | PROFILED THERMOPLASTIC,STANDARD- ASPHALT SURFACES, WHITE, SOLID,6" | GM | 2.000 |
| | 0701- 18-201 | PROFILED THERMOPLASTIC,STANDARD- ASPHALT SURFACES, YELLOW, SOLID,6" | GM | 2.000 |
| | 0705- 10- 1 | OBJECT MARKER, TYPE 1 | EA | 10.000 |
| | 0705- 11- 1 | DELINEATOR, FLEXIBLE TUBULAR | EA | 100.000 |
| | 0705- 11- 4 | DELINEATOR, FLEXIBLE HIGH PERFORMANCE 48" | EA | 50.000 |
| | 0706- 3- | RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS | EA | 800.000 |
| | 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 | 1,200.000 |
| | 0711- 11-124 | THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS | LF | 500.000 |
| | 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 | 40.000 |
| | 0711- 11-224 | THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON | LF | 500.000 |
| | 0711- 11-241 | THERMOPLASTIC, STANDARD, YELLOW, 2-4 DOTTED GUIDE LINE /6-10 DOTTED EXTENSION LINE, 6" | GM | 0.500 |
| | 0711- 14-123 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 12" FOR CROSSWALK | LF | 500.000 |
| | 0711- 14-125 | THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK | LF | 2,000.000 |
| | 0711- 14-160 | THERMOPLASTIC, PREFORMED, WHITE, MESSAGE | EA | 20.000 |
| | 0711- 14-170 | THERMOPLASTIC, PREFORMED, WHITE, ARROW | EA | 40.000 |
| | 0711- 14-660 | THERMOPLASTIC, PREFORMED, MULTI COLOR ROUTE SHIELD | EA | 20.000 |
| | 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 |

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| | 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- 16-102 | THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 8" | GM | 1.000 |
| | 0711- 16-131 | THERMOPLASTIC, OTHER SURFACES, WHITE, SKIP, 6",10-30 SKIP OR 3-9 LANE DROP | GM | 1.000 |
| | 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 |
| Section 0003 Lighting | | | | |
| | 0715- 1- 12 | LIGHTING CONDUCTORS, F&I, INSULATED, NO.8 - 6 | LF | 6,000.000 |
| | 0715- 1- 13 | LIGHTING CONDUCTORS, F&I, INSULATED, NO 4 TO NO 2 | LF | 2,000.000 |
| | 0715- 1- 60 | LIGHTING CONDUCTORS, REMOVE & DISPOSE, CONTRACTOR OWNS | LF | 1,000.000 |
| | 0715- 4- 11 | LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 30' MOUNTING HEIGHT | EA | 2.000 |
| | 0715- 4- 12 | LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 35' MOUNTING HEIGHT | EA | 2.000 |
| | 0715- 4- 13 | LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 40' MOUNTING HEIGHT | EA | 2.000 |
| | 0715- 4- 14 | LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 45' MOUNTING HEIGHT | EA | 8.000 |
| | 0715- 4- 15 | LIGHT POLE COMPLETE, FURNISH & INSTALL STANDARD POLE STANDARD FOUNDATION, 50' MOUNTING HEIGHT | EA | 2.000 |
| | 0715- 4- 60 | LIGHT POLE COMPLETE, RELOCATE | EA | 2.000 |
| | 0715- 4- 70 | LIGHT POLE COMPLETE, REMOVE POLE AND FOUNDATION | EA | 2.000 |
| | 0715- 4- 71 | LIGHT POLE COMPLETE, REMOVE POLE, FOUNDATION REMAINS | EA | 2.000 |
| | 0715- 7- 11 | LOAD CENTER, F&I, SECONDARY VOLTAGE | EA | 2.000 |
| | 0715- 11-211 | LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, COBRA HEAD | EA | 12.000 |
| | 0715- 11-213 | LUMINAIRE, F&I- REPLACE EXISTING LUMINAIRE ON EXISTING POLE/ARM, ROADWAY, POLE TOP | EA | 2.000 |
| | 0715- 11-500 | LUMINAIRE, REMOVE | EA | 2.000 |
| | 0715-500- 1 | POLE CABLE DISTRIBUTION SYSTEM, CONVENTIONAL | EA | 2.000 |
| Section 0004 Signalization | | | | |
| | 0630- 2- 11 | CONDUIT, FURNISH & INSTALL, OPEN TRENCH | LF | 500.000 |
| | 0630- 2- 12 | CONDUIT, FURNISH & INSTALL, DIRECTIONAL BORE | LF | 4,000.000 |
| | 0630- 2- 15 | CONDUIT, FURNISH & INSTALL, BRIDGE MOUNT | LF | 100.000 |
| | 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 | 4.000 |
| | 0632- 7- 7 | SIGNAL CABLE, REMOVE- OUTSIDE OF INTERSECTION | LF | 1,000.000 |
| | 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 | 8.000 |
| | 0635- 3- 11 | JUNCTION BOX, FURNISH & INSTALL, AERIAL | EA | 2.000 |
| | 0635- 3- 12 | JUNCTION BOX, FURNISH & INSTALL, MOUNTED | EA | 2.000 |

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| ALT | Item | Description | Unit | Quantity |
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| | 0639- 1-122 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER PURCHASED BY CONTRACTOR | AS | 8.000 |
| | 0639- 1-123 | ELECTRICAL POWER SERVICE, F&I, UNDERGROUND, METER NOT REQUIRED | AS | 2.000 |
| | 0639- 2- 1 | ELECTRICAL SERVICE WIRE, FURNISH & INSTALL | LF | 2,000.000 |
| | 0639- 2- 6 | ELECTRICAL SERVICE WIRE, REMOVE | LF | 1,000.000 |
| | 0639- 3- 11 | ELECTRICAL SERVICE DISCONNECT, F&I, POLE MOUNT | EA | 8.000 |
| | 0641- 2- 12 | PRESTRESSED CONCRETE POLE, F&I, TYPE P-II SERVICE POLE | EA | 8.000 |
| | 0641- 2- 80 | PRESTRESSED CONCRETE POLE, COMPLETE POLE REMOVAL- POLE 30' AND GREATER | EA | 2.000 |
| | 0646- 1- 11 | ALUMINUM SIGNALS POLE, PEDESTAL | EA | 16.000 |
| | 0646- 1- 12 | ALUMINUM SIGNALS POLE, FURNISH & INSTALL PEDESTRIAN DETECTOR POST | EA | 16.000 |
| | 0646- 1- 30 | ALUMINUM SIGNALS POLE, INSTALL | EA | 16.000 |
| | 0646- 1- 40 | ALUMINUM SIGNALS POLE, RELOCATE | EA | 8.000 |
| | 0646- 1- 60 | ALUMINUM SIGNALS POLE, REMOVE | EA | 16.000 |
| | 0649- 21- 1 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 30' | EA | 4.000 |
| | 0649- 21- 3 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 40' | EA | 4.000 |
| | 0649- 21- 6 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 50' | EA | 4.000 |
| | 0649- 21- 10 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 60' | EA | 4.000 |
| | 0649- 21- 15 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 70' | EA | 4.000 |
| | 0649- 21- 21 | STEEL MAST ARM ASSEMBLY, FURNISH AND INSTALL, SINGLE ARM 78' | EA | 4.000 |
| | 0649- 23- 1 | STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO EXISTING FOUNDATION | EA | 2.000 |
| | 0649- 23- 2 | STEEL MAST ARM ASSEMBLY, INSTALL/RELOCATE TO NEW/CONTRACTOR PROVIDED FOUNDATION | EA | 2.000 |
| | 0649- 26- 3 | STEEL MAST ARM ASSEMBLY, REMOVE, SHALLOW FOUNDATION- BOLT ON ATTACHMENT | EA | 2.000 |
| | 0649- 26- 5 | STEEL MAST ARM ASSEMBLY, REMOVE, DEEP FOUNDATION- BOLT ON ATTACHMENT | EA | 2.000 |
| | 0650- 1- 11 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 1 SECTION, 1 WAY | AS | 4.000 |
| | 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 | 8.000 |
| | 0650- 1- 18 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL ALUMINUM, 5 SECTION STRAIGHT, 1 WAY | AS | 8.000 |
| | 0650- 1- 44 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL PROGRAMMABLE, 3 SECTION, 1 WAY | AS | 4.000 |
| | 0650- 1- 46 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL PROGRAMMABLE, 4 SECTION, 1 WAY | AS | 2.000 |
| | 0650- 1- 48 | VEHICULAR TRAFFIC SIGNAL, FURNISH & INSTALL PROGRAMMABLE, 5 SECTION- STRAIGHT, 1 WAY | AS | 2.000 |
| | 0650- 1- 60 | VEHICULAR TRAFFIC SIGNAL, REMOVE- POLES TO REMAIN | AS | 16.000 |

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|-----|-------------|---|------|----------|
| | 0650- 1- 70 | VEHICULAR TRAFFIC SIGNAL, RELOCATE- INCLUDES REMOVAL AND REINSTALLATION | AS | 16.000 |
| | 0650- 2-102 | VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, BACKPLATE- BLACK WITH REFLECT BORDER | EA | 8.000 |
| | 0650- 2-105 | VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT-FURNISH & INSTALL, TUNNEL VISOR | EA | 8.000 |
| | 0650- 2-106 | VEHICULAR SIGNAL AUXILIARIES, REPAIR/REPLACE/RETROFIT- 12" LED STANDARD MODULE | EA | 8.000 |
| | 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 | 16.000 |
| | 0653- 1- 40 | PEDESTRIAN SIGNAL, RELOCATE | AS | 8.000 |
| | 0653- 1- 60 | PEDESTRIAN SIGNAL, REMOVE PED SIGNAL- POLE/PEDESTAL TO REMAIN | AS | 8.000 |
| | 0654- 2- 11 | RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- AC POWERED, COMPLETE SIGN ASSEMBLY- SINGLE DIRECTION | AS | 8.000 |
| | 0654- 2- 12 | RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- AC POWERED, COMPLETE SIGN ASSEMBLY- BACK TO BACK | AS | 8.000 |
| | 0654- 2- 21 | RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLETE SIGN ASSEMBLY- SINGLE DIRECTION | AS | 8.000 |
| | 0654- 2- 22 | RECTANGULAR RAPID FLASHING BEACON, FURNISH & INSTALL- SOLAR POWERED, COMPLETE SIGN ASSEMBLY- BACK TO BACK | AS | 8.000 |
| | 0654- 3- 10 | PEDESTRIAN HYBRID BEACON ASSEMBLY, FURNISH & INSTALL COMPLETE ASSEMBLY | AS | 8.000 |
| | 0659- 1-101 | MOUNTING ASSEMBLY, REPAIR/REPLACE/RETRO- FURNISH & INSTALL, MAST ARM MOUNTING ASSEMBLY | EA | 2.000 |
| | 0659- 1-102 | MOUNTING ASSEMBLY, REPAIR/REPLACE/RETRO- FURNISH & INSTALL, SPAN WIRE MOUNTING ASSEMBLY | EA | 2.000 |
| | 0660- 1-109 | LOOP DETECTOR INDUCTIVE, F&I, TYPE 9 | EA | 8.000 |
| | 0660- 1-600 | LOOP DETECTOR INDUCTIVE, REMOVE- CABINET TO REMAIN | EA | 2.000 |
| | 0660- 2-101 | LOOP ASSEMBLY- F&I, TYPE A | AS | 40.000 |
| | 0660- 2-106 | LOOP ASSEMBLY, F&I, TYPE F | AS | 20.000 |
| | 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 | 32.000 |
| | 0665- 1- 12 | PEDESTRIAN DETECTOR, FURNISH & INSTALL, ACCESSIBLE | EA | 16.000 |
| | 0665- 1- 40 | PEDESTRIAN DETECTOR, RELOCATE | EA | 16.000 |
| | 0665- 1- 60 | PEDESTRIAN DETECTOR, REMOVE- POLE/PEDESTAL TO REMAIN | EA | 16.000 |
| | 0670- 4- 1 | INTERSECTION CONTROL BEACON CONTROLLER ASSEMBLY, FURNISH & INSTALL | AS | 4.000 |
| | 0670- 5-120 | TRAFFIC CONTROLLER ASSEMBLY, F&I, 170 | AS | 4.000 |
| | 0670- 5-300 | TRAFFIC CONTROLLER ASSEMBLY, INSTALL | AS | 2.000 |
| | 0670- 5-400 | TRAFFIC CONTROLLER ASSEMBLY, MODIFY | AS | 16.000 |
| | 0670- 5-600 | TRAFFIC CONTROLLER ASSEMBLY, REMOVE CONTROLLER WITH CABINET | AS | 2.000 |
| | 0700- 5- 21 | INTERNALLY ILLUMINATED SIGN, FURNISH & INSTALL OVERHEAD MOUNT, UP TO 12 SF | EA | 16.000 |

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|-----|-------------|---------------------------------------|------|----------|
| | 0700- 5- 50 | INTERNALLY ILLUMINATED SIGN, RELOCATE | EA | 4.000 |
| | 0700- 5- 60 | INTERNALLY ILLUMINATED SIGN, REMOVE | EA | 4.000 |