| ITEM NO. | TRAFFIC SIGNAL ITEMS | UNIT | TOTAL QUANTITY |
|---|---|---|---|
| 615-1200 | DIRECTIONAL BORE - 5 IN | LF | 2735 |
| 636-1041 | HIGHWAY SIGNS, TP 2 MATL-REFL SHEETING, TP 9 | SF | 210 |
| 639-3004 | STEEL STRAIN POLE, TP IV, W/ 35' MAST ARM (SEE DETAILS) | EA | 1 |
| 639-3004 | STEEL STRAIN POLE, TP IV, W/ 40' MAST ARM (SEE DETAILS) | EA | 1 |
| 639-3004 | STEEL STRAIN POLE, TP IV, W/ 45' MAST ARM (SEE DETAILS) | EA | 9 |
| 639-3004 | STEEL STRAIN POLE, TP IV, W/ 50' MAST ARM (SEE DETAILS) | EA | 2 |
| 639-3004 | STEEL STRAIN POLE, TP IV, W/ 55' MAST ARM (SEE DETAILS) | EA | 8 |
| 639-3004 | STEEL STRAIN POLE, TP IV, W/ 60' MAST ARM (SEE DETAILS) | EA | 3 |
| 639-3004 | STEEL STRAIN POLE, TP IV, W/ 65' MAST ARM (SEE DETAILS) | EA | 1 |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 1 | LUMP | LUMP |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 2 | LUMP | LUMP |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 3 | LUMP | LUMP |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 4 | LUMP | LUMP |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 5 | LUMP | LUMP |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 6 | LUMP | LUMP |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 7 | LUMP | LUMP |
| 647-1000 | TRAFFIC SIGNAL INSTALLATION NO. 8 | LUMP | LUMP |
| 682-6233 | CONDUIT, NONMETL, TP 3, 2 IN | LF | 6910 |
| 937-6050 | INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE A | EA | 2 |
| 937-6051 | INTERSECTION VIDEO DETECTION SYSTEM ASSEMBLY, TYPE B | EA | 14 |
| | ATMS ITEMS | | |
| 615-1200 | DIRECTIONAL BORE, 8 IN | LF | 5700 |
| 647-2160 | PULLBOX, TP 6 | EA | 7 |
| 647-2170 | PULLBOX, TP 7 | EA | 8 |
| 682-6233 | CONDUIT, NONMETL, TP 3, 2 IN | LF | 11450 |
| 935-1117 | OUTSIDE PLANT FIBER OPTIC CABLE, LOOSE TUBE, SINGLE MODE, 96 FIBER | LF | 7455 |
| 935-1511 | OUTSIDE PLANT FIBER OPTIC CABLE, DROP, SINGLE MODE, 6 FIBER | LF | 560 |
| 935-3101 | FIBER OPTIC CLOSURE, UNDERGROUND, 6 FIBER | EA | 8 |
| 935-3602 | FIBER OPTIC CLOSURE, FDC,PRE-TERMINATED,TYPE A, 6 FIBER | EA | 8 |
| 935-4010 | FIBER OPTIC SPLICE, FUSION | EA | 36 |
| 935-6562 | EXTERNAL TRANSCEIVER, DROP AND REPEAT, 1310 SINGLE MODE, (SIGNAL JOBS) | EA | 8 |
| 935-8000 | TESTING | LUMP | LUMP |
| 935-8500 | TRAINING | LUMP | LUMP |
| | ROADWAY ITEMS | | |
| 150-1000 | TRAFFIC CONTOL - 0009610 | EA | 1 |
| 441-0108 | CONCRETE SIDEWALK, 8 IN | SY | 358 |
| 441-5002 | CONCRETE HEADER CURB, 6 IN, TP 2 | SF | 200 |
| 441-6022 | CONC CURB & GUTTER, 6 IN X 30 IN, TP 2 | LF | 200 |
| 500-9999 | CLASS B CONCRETE, BASE OR PVMT WIDENING | CY | 20 |
| 611-4001 | RECONSTR MINOR DRAINAGE STR | EA | 10 |
| 611-8010 | ADJUST HYDRANT TO GRADE | EA | 4 |
| 611-8120 | ADJUST WATER METER BOX TO GRADE | EA | 4 |
| | SIGNING AND MARKING ITEMS | | |
| 636-1020 | HIGHWAY SIGNS, TP 1 MATL, REFL SHEETING, TP 3 | SF | 14 |
| 636-2070 | GALV STEEL POSTS, TYPE 7 | LF | 24 |
| 653-0100 | THERMOPLASTIC PAVEMENT MARKING, RR/HWY CROSSING SYMBOL | EA | 2 |
| 653-1704 | THERMOPLASTIC SOLID TRAF STRIPE, 24 IN, WHITE | LF | 885 |
| 653-2408 | THERMOPLASTIC SOLID TRAF STRIPE, 8 IN, WHITE | LM | 2 |
| | STREET LIGHTING ITEMS | | |
| 500-3101 | CLASS A CONCRETE | CY | 7 |
| 610-6605 | REMOVE LIGHTING STANDARD | EA | 85 |
| 611-5480 | RESET LIGHTING STANDARD | EA | 5 |
| 615-1200 | DIRECTIONAL BORE, 4 IN | LF | 5700 |
| 681-6314 | LUMINAIRE, TP 3, 100W, HP SODIUM | EA | 91 |
| 681-6975 | LUMINAIRE, FLOODLIGHT, 400W, METAL HALIDE | EA | 12 |
| 681-3600 | LIGHTING STD, SPCL DESIGN | EA | 91 |
| 681-4211 | LIGHTING STD, 32 FT MH, POST TOP | EA | 12 |
| 681-4325 | LIGHTING STD, 32 FT MH, 6 FT TWIN ARM | EA | 20 |
| 682-1404 | CABLE, TP XHHW, AWG NO 10 | LF | 122845 |
| 682-1405 | CABLE, TP XHHW, AWG NO 8 | LF | 54350 |
| 682-1406 | CABLE, TP XHHW, AWG NO 6 | LF | 55870 |
| 682-1407 | CABLE, TP XHHW, AWG NO 4 | LF | 17780 |
| 682-1408 | CABLE, TP XHHW, AWG NO 2 | LF | 4680 |
| 682-1412 | CABLE, TP XHHW, AWG NO 2/0 | LF | 800 |
| 682-1414 | CABLE, TP XHHW, AWG NO 3/0 | LF | 1600 |
| 682-1413 | CABLE, TP XHHW, AWG NO 1/0 | LF | 400 |
| 682-6108 | CONDUIT, RIGID, 3/4 IN | LF | 9825 |
| 682-6110 | CONDUIT, RIGID, 1 IN | LF | 9240 |
| 682-6115 | CONDUIT, RIGID, 1 1/2 IN | LF | 4790 |
| 682-6120 | CONDUIT, RIGID, 2 IN | LF | 2772 |
| 682-6130 | CONDUIT, RIGID, 3 IN | LF | 1030 |
| 682-6140 | CONDUIT, RIGID, 4 IN | LF | 800 |
| 682-9000 | MAIN SERVICE PICK UP POINT - NO 1 | LS | 1 |
| 682-9000 | MAIN SERVICE PICK UP POINT - NO 2 | LS | 1 |
| 682-9000 | MAIN SERVICE PICK UP POINT - NO 3 | LS | 1 |
| 682-9000 | MAIN SERVICE PICK UP POINT - NO 4 | LS | 1 |
| 682-9000 | MAIN SERVICE PICK UP POINT - NO 5 | LS | 1 |
| 682-9000 | MAIN SERVICE PICK UP POINT - NO 6 | LS | 1 |
| 682-9000 | MAIN SERVICE PICK UP POINT - NO 7 | LS | 1 |
| 682-9000 | MAIN SERVICE PICK UP POINT - NO 8 | LS | 1 |
| 682-9020 | ELECTRICAL JUNCTION BOX | EA | 41 |
| 682-9021 | ELECTRICAL JUNCTION BOX, WITH TWO DUPLEX RECEPTACLES | EA | 63 |

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REVISION DATES
02/15/10
03/05/10

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
BROAD STREET SIGNAL AND LIGHTING UPGRADES

DETAILED ESTIMATE

DRAWING NO. 9-01

4/6/2010 1:29:04 PM

#PRE#
$$PENTABLE$$

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COUNTY RICHMOND

PROJECT NUMBER

SHEET NO. 10

TOTAL SHEETS 97