

| SUMMARY OF QUANTITIES | | | | 0021 |
|-----------------------|----------|---|------|-------|
| SP. | CODE NO. | ITEM | UNIT | TOTAL |
| * | 81028200 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA. | FOOT | 948 |
| * | 81028210 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA. | FOOT | 31 |
| * | 81028220 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA. | FOOT | 134 |
| * | 81028240 | UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA. | FOOT | 328 |
| * | 81400100 | HANDHOLE | EACH | 2 |
| * | 81400300 | DOUBLE HANDHOLE | EACH | 1 |
| * | 81702110 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10 | FOOT | 4,480 |
| * | 81702120 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8 | FOOT | 1,386 |
| * | 81702130 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6 | FOOT | 2,255 |
| * | 81702400 | ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 2 | FOOT | 80 |
| * | 82102250 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 250 WATT | EACH | 2 |
| * | 82102310 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 310 WATT | EACH | 1 |
| * | 82102400 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT | EACH | 4 |
| * | 83008400 | LIGHT POLE, ALUMINUM, 40 FT. M.H., 10 FT. MAST ARM | EACH | 3 |
| * | 83800205 | BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE | EACH | 5 |
| * | 84200804 | REMOVAL OF POLE FOUNDATION | EACH | 2 |
| * X | 84400105 | RELOCATE EXISTING LIGHTING UNIT | EACH | 2 |
| * | 86300400 | CONTROLLER CABINET TYPE IV | EACH | 1 |
| * | 87300010 | GROUNDING EXISTING HANDHOLE FRAME AND COVER | EACH | 6 |
| * | 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | FOOT | 3,155 |
| * | 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | FOOT | 3,351 |
| * | 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAR | FOOT | 3,590 |
| * | 87301805 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C | FOOT | 55 |
| * | 87301900 | ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C | FOOT | 794 |
| * | 87502500 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. | EACH | 2 |
| * | 87702970 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. | EACH | 1 |
| * | 87703000 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 55 FT. | EACH | 1 |
| * | 87703030 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 80 FT. | EACH | 2 |
| * | 87800100 | CONCRETE FOUNDATION, TYPE A | FOOT | 8 |
| * | 87800200 | CONCRETE FOUNDATION, TYPE D | FOOT | 4 |
| * | 87800415 | CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER | FOOT | 41 |
| * | 87800420 | CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER | FOOT | 21 |
| * | 87900200 | DRILL EXISTING HANDHOLE | EACH | 10 |
| * | 88030020 | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 8 |
| * | 88030110 | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 6 |
| * | 88030220 | SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 2 |
| * | 88030240 | SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED | EACH | 2 |
| * | 88200210 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM | EACH | 21 |
| * | 88500100 | INDUCTIVE LOOP DETECTOR | EACH | 10 |
| * | 88600100 | DETECTOR LOOP, TYPE I | FOOT | 94 |

* SPECIALTY ITEM
 ** CONSTRUCTION CODE 0042

| SUMMARY OF QUANTITIES | | | | 0021 |
|-----------------------|----------|--|-------|--------|
| SP. | CODE NO. | ITEM | UNIT | TOTAL |
| * X | 89000100 | TEMPORARY TRAFFIC SIGNAL INSTALLATION | EACH | 1 |
| * X | 89501100 | RELOCATE EXISTING SIGNAL CONTROLLER | EACH | 1 |
| * X | 89501250 | RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 2 |
| * X | 89501400 | RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT | EACH | 3 |
| * X | 89501410 | RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT | EACH | 1 |
| * X | 89502200 | MODIFY EXISTING CONTROLLER | EACH | 1 |
| * X | 89502300 | REMOVE ELECTRIC CABLE FROM CONDUIT | FOOT | 16,170 |
| * X | 89502350 | REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT | FOOT | 976 |
| * X | 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| * X | 89502376 | REBUILD EXISTING HANDHOLE | EACH | 4 |
| * X | 89502380 | REMOVE EXISTING HANDHOLE | EACH | 6 |
| * X | 89502385 | REMOVE EXISTING CONCRETE FOUNDATION | EACH | 5 |
| * X | X0323523 | REMOVE TEMPORARY LIGHTING | L SUM | 1 |
| * X | X0410102 | TEMPORARY LIGHTING | L SUM | 1 |
| X | X4402020 | CONCRETE MEDIAN SURFACE REMOVAL | SQ FT | 585 |
| X | X5538400 | STORM SEWERS TO BE CLEANED 30" | FOOT | 100 |
| X | X6030310 | FRAMES AND LIDS TO BE ADJUSTED (SPECIAL) | EACH | 3 |
| * X | X8250505 | LIGHTING CONTROLLER, SPECIAL | EACH | 1 |
| * X | X8360110 | LIGHT POLE FOUNDATION, SPECIAL | FOOT | 48 |
| * X | X8710071 | FIBER OPTIC FUSION SPLICE | EACH | 24 |
| * X | X8950085 | REMOVE EXISTING LIGHTING CONTROLLER, SPECIAL | EACH | 1 |
| * X | XX007250 | RELOCATE EXISTING PTZ CAMERA | EACH | 1 |
| * X | XX007251 | INTERSECTION VIDEO TRAFFIC MONITORING SYSTEM WITH PTZ CAMERA | EACH | 1 |
| * X | XX007953 | NETWORK CONFIGURATION | L SUM | 1 |
| * X | XX008019 | UNINTERRUPTIBLE POWER SUPPLY (SPECIAL KDOT) | EACH | 1 |
| * X | XX008452 | MAJFUNCTION MANAGEMENT UNIT | EACH | 1 |
| * X | XX008453 | ETHERNET SWITCH, TYPE 1 | EACH | 1 |
| X | Z0004530 | HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 8" | SQ YD | 42 |
| X | Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 |
| X | Z0030850 | TEMPORARY INFORMATION SIGNING | SQ FT | 103 |
| * X | Z0033026 | MAINTENANCE OF EXISTING LIGHTING SYSTEM COMPLETE | L SUM | 1 |
| * X | Z0033046 | RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2 | EACH | 1 |
| X | 30300001 | AGGREGATE SUBGRADE IMPROVEMENT | CU YD | 700 |
| * X | Z0073510 | TEMPORARY TRAFFIC SIGNAL TIMING | EACH | 1 |
| * X | Z0076600 | TRAINEES | HOURL | 500 |
| ** | Z0076604 | TRAINEES TRAINING PROGRAM GRADUATE (TPG) | HOURL | 500 |

* SPECIALTY ITEM
 ** CONSTRUCTION CODE 0042