

TRAFFIC SIGNALS SCHEDULE OF QUANTITIES

| | | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | |
|------|--|-------------|-------------|----------------|----------------|----------------|----------------|--------------|---------------------------|
| | | 343 | * | COOK | 283 | 113 | | | |
| NOTE | ITEM. | UNIT | GRAND TOTAL | ELA RD & IL 68 | IL 68 RAMP A&B | IL 68 RAMP C&D | ELA RD & US 14 | INTERCONNECT | STA. |
| | TRAFFIC CONTROL AND PROTECTION, STANDARD 701411 | L SUM | 1 | | | | | | 0 STA. |
| | TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 | L SUM | 1 | | | | | | ILLINOIS FED. AID PROJECT |
| | TRAFFIC CONTROL AND PROTECTION, STANDARD 701601 | L SUM | 1 | | | | | | COOK & 70HB-R-1 |
| | TRAFFIC CONTROL AND PROTECTION, STANDARD 701701 | L SUM | 1 | | | | | | 62897 |
| | SIGN PANEL - TYPE 2 | SQ METER | 4.64 | | 2.32 | 2.32 | | | |
| | HANDHOLE | EACH | 10 | | 4 | 4 | | | |
| | HEAVY-DUTY HANDHOLE | EACH | 9 | | 3 | 4 | | | |
| | DOUBLE HANDHOLE | EACH | 2 | | 1 | 1 | | | |
| | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET | EACH | 1 | | 1 | | | | |
| | FULL-ACTUATED CONTROLLER AND TYPE V CABINET | EACH | 1 | | | 1 | | | |
| | MASTER CONTROLLER | EACH | 1 | | | | | 1 | |
| | TRANSCEIVER - FIBER OPTIC | EACH | 4 | 1 | 1 | 1 | 1 | | |
| | DRILL EXISTING HANDHOLE | EACH | 2 | | | | | 2 | |
| | TRAFFIC SIGNAL BACKPLATE, LOUVERED | EACH | 20 | | 10 | 10 | | | |
| | INDUCTIVE LOOP DETECTOR | EACH | 14 | | 7 | 7 | | | |
| | CONDUIT IN TRENCH, 50MM DIA., GALVANIZED STEEL | METER | 918.20 | | 153.6 | 172.9 | | 591.7 | |
| | CONDUIT IN TRENCH, 65MM DIA., GALVANIZED STEEL | METER | 124.00 | | 36.8 | 87.2 | | | |
| | CONDUIT PUSHED, 50MM DIA., GALVANIZED STEEL | METER | 44.10 | | | 44.1 | | | |
| | CONDUIT IN TRENCH, 100MM DIA., GALVANIZED STEEL | METER | 42.70 | | 7 | 35.7 | | | |
| | CONDUIT PUSHED, 100MM DIA., GALVANIZED STEEL | METER | 257.00 | | 120.2 | 136.8 | | | |
| | CONDUIT EMBEDDED IN STRUCTURE, 50MM DIA., PVC | METER | 86.90 | | 56.4 | 30.5 | | | |
| | TRENCH AND BACKFILL FOR ELECTRICAL WORK | METER | 1084.90 | | 197.4 | 295.8 | | 591.7 | |
| | ELECTRIC CABLE IN TRENCH, SERVICE, NO. 6 2 C | METER | 68.00 | | 13 | 55 | | | |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C | METER | 1637.00 | | 925 | 712 | | | |
| | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C | METER | 412.50 | | 189 | 223.5 | | | |
| | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | METER | 1056.77 | | 526 | 530.77 | | | |
| | TRAFFIC SIGNAL POST, GALVANIZED STEEL 4.25 METER | EACH | 6 | | 3 | 3 | | | |
| | STEEL MAST ARM ASSEMBLY AND POLE 8.53 METER | EACH | 2 | | 1 | 1 | | | |
| | STEEL MAST ARM ASSEMBLY AND POLE 9.14 METER | EACH | 1 | | | 1 | | | |
| | STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 8.53 METER AND 16.46 METER | EACH | 1 | | | 1 | | | |
| | STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 10.97 METER AND 6.09 METER | EACH | 1 | | 1 | | | | |
| | STEEL MAST ARM ASSEMBLY AND POLE 16.46 METER | EACH | 1 | | 1 | | | | |
| | CONCRETE FOUNDATION, TYPE A | METER | 7.20 | | 3.6 | 3.6 | | | |
| | CONCRETE FOUNDATION, TYPE D | METER | 2.40 | | 1.2 | 1.2 | | | |
| | CONCRETE FOUNDATION, TYPE E 750MM DIAMETER | METER | 24.30 | | 10.1 | 14.2 | | | |
| | DETECTOR LOOP, PREFORMED | METER | 391.00 | | 201 | 190 | | | |
| | ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C | METER | 1027.00 | | | | | 1027 | |
| 1 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3/C | METER | 374.72 | | 150.3 | 224.42 | | | |
| 1 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 20 3/C TWISTED SHIELDED | METER | 375.08 | | 150.6 | 224.48 | | | |
| | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM12F | METER | 1027.00 | | | | | 1027 | |
| | ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | METER | 447.40 | | 195 | 252.4 | | | |
| | CONCRETE FOUNDATION, TYPE E 900MM DIAMETER | METER | 13.20 | | 8.6 | 4.6 | | | |
| | SERVICE INSTALLATION, 100 AMP 120/240V | EACH | 2 | | 1 | 1 | | | |
| | RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM | L SUM | 1 | | | | | 1 | |
| | SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED | EACH | 18 | | 9 | 9 | | | |
| | SIGNAL HEAD ,LED, 1-FACE, 3-SECTION, BRACKET MOUNTED | EACH | 10 | | 5 | 5 | | | |
| | SIGNAL HEAD ,LED, 1-FACE, 5-SECTION, BRACKET MOUNTED | EACH | 2 | | 1 | 1 | | | |
| | SIGNAL HEAD ,LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED | EACH | 2 | | 1 | 1 | | | |
| 1 | LIGHT DETECTOR | EACH | 6 | | 3 | 3 | | | |
| 1 | LIGHT DETECTOR AMPLIFIER | EACH | 2 | | 1 | 1 | | | |
| | JUNCTION BOX, NON-METALIC, EMBEDDED IN STRUCTURE, 300MM X 300MM X 150MM | EACH | 4 | | 3 | 1 | | | |
| | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION | EACH | 2 | 1 | | | 1 | | |
| | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 12.80 METER | EACH | 1 | | 1 | | | | |
| | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 10.36 METER | EACH | 1 | | | 1 | | | |
| | NOTES | | | | | | | | |
| | 1. 100% COST TO VILLAGE OF PALATINE | | | | | | | | |

TS-01 OF 13

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | |
| | | TRAFFIC SIGNALS SCHEDULE OF QUANTITIES |
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| | | |
| SCALE | | DRAWN BY R.P.J. |
| DATE | | DESIGNED BY D.S. |
| | | CHECKED BY A.D.O. |

Rick Johns
 IDOT - District 01
 02-05-IDOT-STV-03 - IL 68 over US 14
 P:\02-05-IDOT-STV-03 - IL 68 over US 14\Working Files\Drawing Files\Signal\TS-01 - Summary of Quantities.dgn
 11/27/2006 3:40:49 PM 1,000 M / M.