

|                     |          |                  |              |           |
|---------------------|----------|------------------|--------------|-----------|
| F.A.P. RTE.         | SECTION  | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 22                  | 6M&TS    | HENRY            | 257          | 115       |
| STA.                |          | TO STA.          |              |           |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT |              |           |

# TRAFFIC SIGNAL DETAILS

## TABULATION OF QUANTITIES

| PAY CODE | ITEM   | UNIT  | TOTAL |
|----------|--|-------|-------|
|          | IL 78 @ IL 81 KEWANNE  |       |       |
| X0324886 | CONDUIT INSTALLED, 1 1/4", NON-METALLIC                              | FOOT  | 7     |
| X0324887 | CONDUIT INSTALLED, 2 1/2", NON-METALLIC                              | FOOT  | 123   |
| X0324888 | CONDUIT INSTALLED, 4", NON-METALLIC                                  | FOOT  | 254   |
| 72000100 | SIGN PANEL - TYPE I  | SQ FT | 15    |
| 80501000 | SERVICE INSTALLATION (SPECIAL)                                       | EACH  | 1     |
| 81400400 | CONCRETE HANDHOLE  | EACH  | 4     |
| 81400600 | CONCRETE DOUBLE HANDHOLE   | EACH  | 1     |
| 81702110 | ELECTRIC CABLE IN CONDUIT, 600V (XLP TYPE USE) 1/C NO. 10            | FOOT  | 975   |
| 82102250 | LUMINAIRE, SODIUM VAPOR, HORIZONTAL, 250 WATT                        | EACH  | 4     |
| 82500605 | LIGHTING CONTROLLER PHOTOCCELL RELAY                                 | EACH  | 1     |
| 85700200 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET                         | EACH  | 1     |
| 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 2C                         | FOOT  | 1065  |
| 87301225 | ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 3C                         | FOOT  | 1093  |
| 87301245 | ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C                         | FOOT  | 1819  |
| 87301255 | ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 7C                         | FOOT  | 628   |
| 87301815 | ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 3C                         | FOOT  | 16    |
| 87502480 | TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT                          | EACH  | 1     |
| 87702910 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT                   | EACH  | 1     |
| 87702930 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT                   | EACH  | 1     |
| 87702950 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT                   | EACH  | 1     |
| 87702890 | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 32 FT                   | EACH  | 1     |
| 87800100 | CONCRETE FOUNDATION, TYPE A  | FOOT  | 3     |
| 87800200 | CONCRETE FOUNDATION, TYPE D  | FOOT  | 3     |
| 87800400 | CONCRETE FOUNDATION, TYPE E, 30-INCH DIAMETER                        | FOOT  | 27    |
| 87800415 | CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER                        | FOOT  | 26    |
| 88200400 | TRAFFIC SIGNAL BACKPLATE, FORMED PLASTIC                             | EACH  | 10    |
| X0320872 | VIDEO VEHICLE DETECTION SYSTEM                                       | EACH  | 1     |
| X0323153 | ELECTRIC CABLE IN CONDUIT, GROUND, No. 6 1C (GREEN)                  | FOOT  | 442   |
| X8801300 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED  | EACH  | 1     |
| X8801310 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH  | 8     |
| X8801395 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5 SECTION, BRACKET MOUNT    | EACH  | 2     |
| X8801400 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED | EACH  | 2     |
| XX002208 | 6" DIAMETER PIPE BOLLARD, CONCRETE FILLED                            | EACH  | 2     |
| XX003663 | PEDESTRAIN SIGNAL HEAD, 1 FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER | EACH  | 8     |
| XX004921 | PEDESTRIAN PUSH-BUTTON SPECIAL                                       | EACH  | 8     |

### GENERAL NOTES

1. NO WORK SHALL BE ALLOWED UNTIL ALL NECESSARY COMPONENTS, TO COMPLETE THE SIGNAL INSTALLATION HAVE ARRIVED ON THE JOB SITE.
2. THE MOUNTING HEIGHT FOR THE LUMINAIRES SHALL BE 35'-0" HORIZONTAL MOUNTED WITH A 12' ARM.
3. ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES (STANDARD, COMBINATION, OR DUAL) MUST BE DESIGNED FOR THE LOADING SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS, WHICHEVER IS GREATER.
4. THE LIGHT CONTROLLER SHALL BE MOUNTED TO THE SIDE OF THE TRAFFIC CONTROLLER CABINET.

| REVISIONS |      |
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| NAME      | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. \_\_\_\_\_  
 HORIZ. \_\_\_\_\_  
 DATE \_\_\_\_\_

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

PLOT DATE = Fri Aug 12 14:53:14 2005  
 FILE NAME = C:\projects\view\p215800\view5800p1.dgn  
 PLOT SCALE = 20.0000 / 1 IN.  
 REFERENCE = #REF#