

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|--------------|------------------|--------------|-----------|
| 714 | (135)RS-6,TS | CHRISTIAN | 47 | 42 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

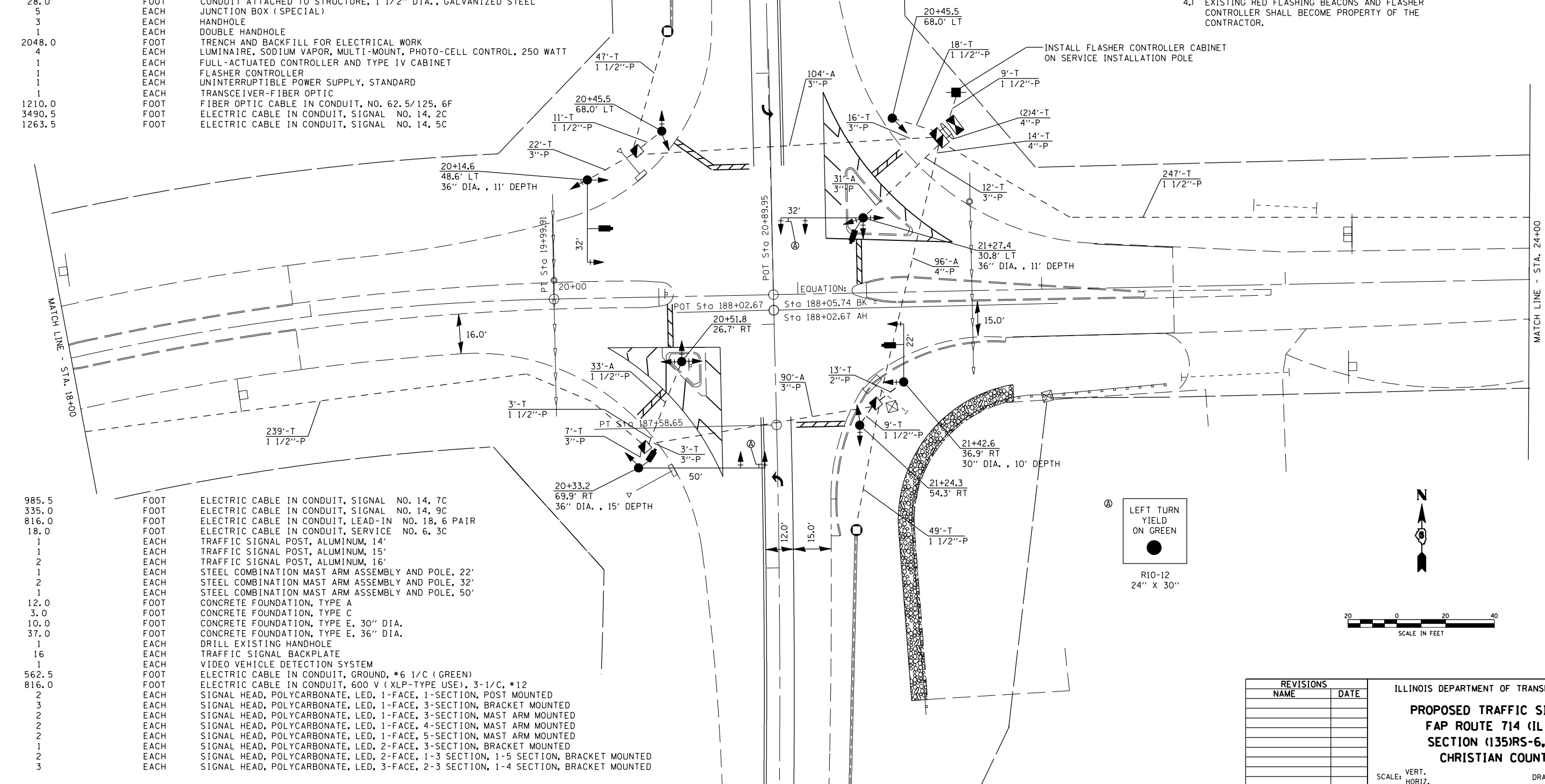
TRAFFIC SIGNAL QUANTITIES

LOCATION: IL 48 & MAIN CROSS/LINCOLN TRAIL

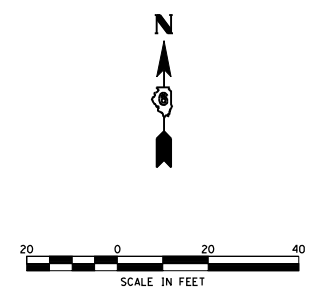
| QUANTITY | UNIT | ITEM |
|----------|-------|--|
| 46.0 | SO FT | SIGN PANEL, TYPE I |
| 56.5 | SO FT | SIGN PANEL, TYPE II |
| 105.0 | SO FT | REMOVE SIGN PANEL, TYPE I |
| 30.0 | FOOT | WOOD SIGN SUPPORT |
| 1 | EACH | SERVICE INSTALLATION, TYPE A |
| 1 | EACH | WOOD POLE, 25', CLASS 4 |
| 1953.0 | FOOT | CONDUIT IN TRENCH, 1 1/2" DIA., PVC |
| 13.0 | FOOT | CONDUIT IN TRENCH, 2" DIA., PVC |
| 60.0 | FOOT | CONDUIT IN TRENCH, 3" DIA., PVC |
| 22.0 | FOOT | CONDUIT IN TRENCH, 4" DIA., PVC |
| 90.0 | FOOT | CONDUIT, AUGERED 1 1/2" DIA., PVC |
| 225.0 | FOOT | CONDUIT, AUGERED 3" DIA., PVC |
| 96.0 | FOOT | CONDUIT, AUGERED 4" DIA., PVC |
| 28.0 | FOOT | CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL |
| 5 | EACH | JUNCTION BOX (SPECIAL) |
| 3 | EACH | HANDHOLE |
| 1 | EACH | DOUBLE HANDHOLE |
| 2048.0 | FOOT | TRENCH AND BACKFILL FOR ELECTRICAL WORK |
| 4 | EACH | LUMINAIRE, SODIUM VAPOR, MULTI-MOUNT, PHOTO-CELL CONTROL, 250 WATT |
| 1 | EACH | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET |
| 1 | EACH | FLASHER CONTROLLER |
| 1 | EACH | UNINTERRUPTIBLE POWER SUPPLY, STANDARD |
| 1 | EACH | TRANSCEIVER-FIBER OPTIC |
| 1210.0 | FOOT | FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, 6F |
| 3490.5 | FOOT | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 2C |
| 1263.5 | FOOT | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 5C |

TRAFFIC SIGNAL NOTES

- 1.) THE EXISTING STOP SIGNS, RED FLASHING BEACONS AND ASSOCIATED EQUIPMENT SHALL BE REMOVED JUST PRIOR TO ACTIVATING THE PROPOSED TRAFFIC SIGNALS
- 2.) ALL TRAFFIC SIGNAL MAST ARM ASSEMBLIES MUST BE DESIGNED FOR THE LOADINGS SHOWN ON THE HIGHWAY STANDARDS OR THESE SIGNAL PLANS WHICHEVER IS GREATER.
- 3.) CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF EXISTING CONDUIT FOR FLASHING BEACONS.
- 4.) EXISTING RED FLASHING BEACONS AND FLASHER CONTROLLER SHALL BECOME PROPERTY OF THE CONTRACTOR.



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| 985.5 | FOOT | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 7C |
| 335.0 | FOOT | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14, 9C |
| 816.0 | FOOT | ELECTRIC CABLE IN CONDUIT, LEAD-IN NO. 18, 6 PAIR |
| 18.0 | FOOT | ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6, 3C |
| 1 | EACH | TRAFFIC SIGNAL POST, ALUMINUM, 14' |
| 1 | EACH | TRAFFIC SIGNAL POST, ALUMINUM, 15' |
| 2 | EACH | TRAFFIC SIGNAL POST, ALUMINUM, 16' |
| 1 | EACH | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 22' |
| 2 | EACH | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 32' |
| 1 | EACH | STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 50' |
| 12.0 | FOOT | CONCRETE FOUNDATION, TYPE A |
| 3.0 | FOOT | CONCRETE FOUNDATION, TYPE C |
| 10.0 | FOOT | CONCRETE FOUNDATION, TYPE E, 30" DIA. |
| 37.0 | FOOT | CONCRETE FOUNDATION, TYPE E, 36" DIA. |
| 1 | EACH | DRILL EXISTING HANDHOLE |
| 16 | EACH | TRAFFIC SIGNAL BACKPLATE |
| 1 | EACH | VIDEO VEHICLE DETECTION SYSTEM |
| 562.5 | FOOT | ELECTRIC CABLE IN CONDUIT, GROUND, #6 1/C (GREEN) |
| 816.0 | FOOT | ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE), 3-1/C, #12 |
| 2 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, POST MOUNTED |
| 3 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED |
| 2 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED |
| 2 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED |
| 2 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED |
| 1 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED |
| 2 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED |
| 3 | EACH | SIGNAL HEAD, POLYCARBONATE, LED, 3-FACE, 2-3 SECTION, 1-4 SECTION, BRACKET MOUNTED |



| REVISIONS | |
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| NAME | DATE |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
PROPOSED TRAFFIC SIGNALS
FAP ROUTE 714 (IL 48)
SECTION (135)RS-6, TS
CHRISTIAN COUNTY

SCALE: VERT. _____
 HORIZ. _____

DATE _____ DRAWN BY _____
 CHECKED BY _____

PLOT DATE = \$DATE\$
 FILE NAME = \$FILEL\$
 PLOT SCALE = \$SCALE\$
 USER NAME = \$USER\$