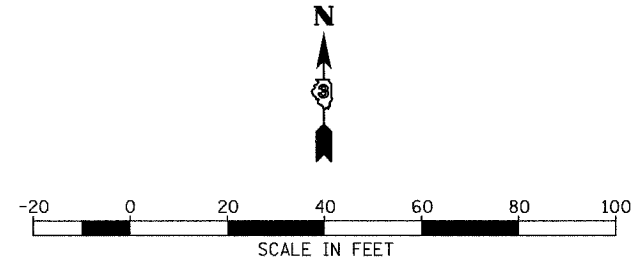
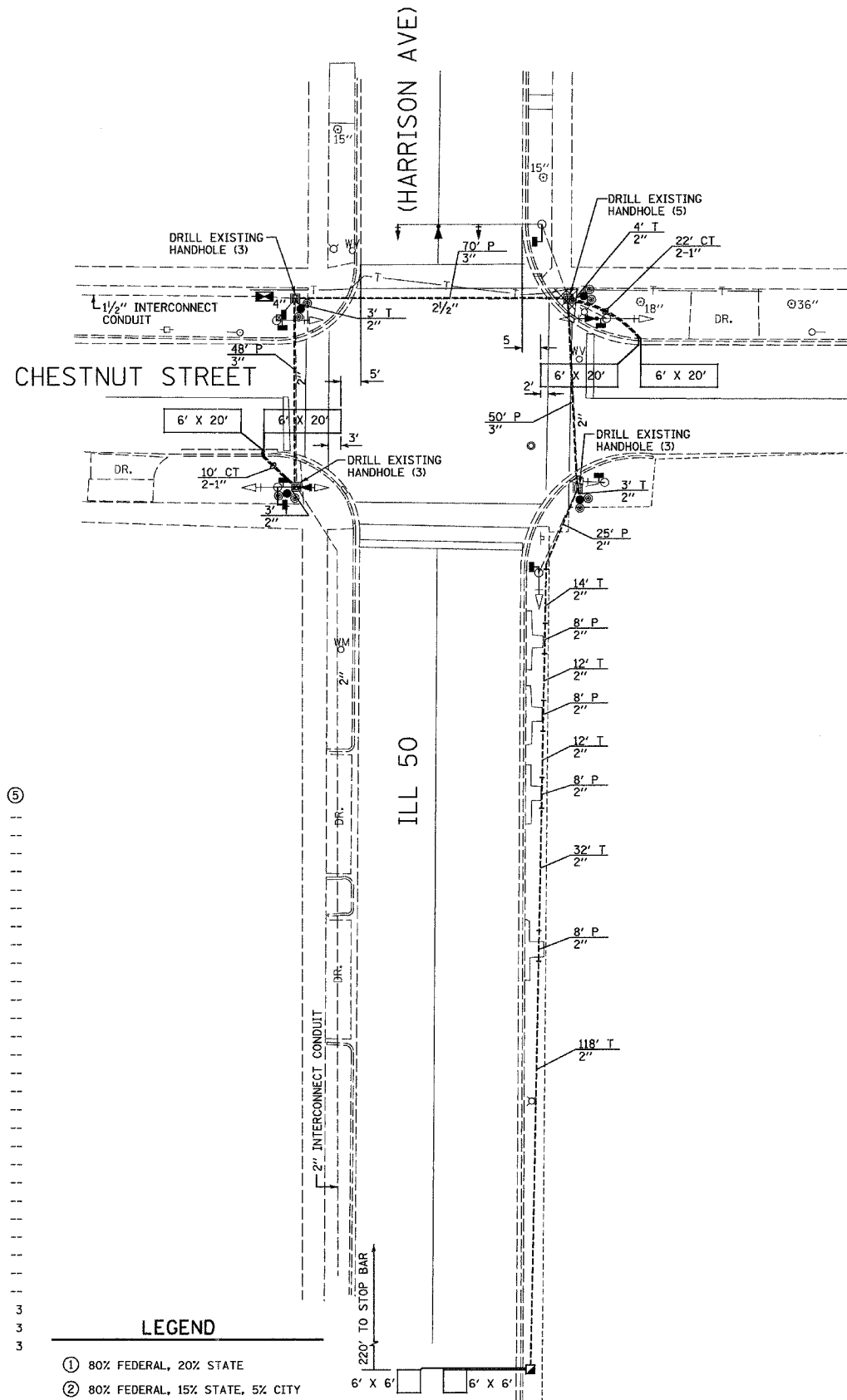


| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------|---------------------------------|--------------|-----------|
| . | . | KANKAKEE | 48 | 14 |
| STA. _____ | | TO STA. _____ | | |
| FED. ROAD DIST. NO. _____ | | ILLINOIS FED. AID PROJECT _____ | | |

- FAP 840 (IL 50) & FAP 330 (IL 17)
- (139 Z, 11) TS-1 & (1) TS-2

CONSTRUCTION NOTES:

- INSTALL NEW CONTROLLER AND CABINET ON EXISTING FOUNDATION.
- INSTALL UNINTERRUPTIBLE POWER SUPPLY.
- REMOVE AND REPLACE TWO (2) 3-SECTION, MAST ARM MOUNTED HEADS WITH 3-SECTION LED HEADS.
- REMOVE AND REPLACE EIGHT (8) PEDESTRIAN HEADS WITH LED SYMBOL HEADS.
- RETROFIT THE SEVEN (7) 3-SECTION, BRACKET MOUNTED HEADS WITH LED HEADS.
- INSTALL NEW CABLE IN THE NEW CROSSROAD CONDUITS. THE EXISTING CABLE SHALL REMAIN IN THE EXISTING CROSSROAD CONDUITS.
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:
 - 1 EACH - CONTROLLER AND CABINET W/ ALL CONTENTS
 - 2 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
 - 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
- THE REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT PAY ITEM SHALL BE USED TO FACILITATE THE PLACEMENT OF ADDITIONAL CABLE IN THE EXISTING CONDUIT.
- MOUNT THE EASTBOUND EMERGENCY VEHICLE LIGHT DETECTOR AND CONFIRMATION BEACON ON THE TRAFFIC SIGNAL POST IN THE NORTHEAST CORNER.
- MOUNT THE WESTBOUND EMERGENCY VEHICLE LIGHT DETECTOR AND CONFIRMATION BEACON ON THE TRAFFIC SIGNAL POST IN THE SOUTHWEST CORNER.



SCHEDULE OF QUANTITIES

| ITEM NO. | DESCRIPTION | UNIT | TOTAL QUANTITY | ④ | ⑤ |
|----------|--|------|----------------|-----|----|
| 81012300 | CONDUIT IN TRENCH, 1" DIA., PVC | FOOT | 64 | 64 | -- |
| 81012600 | CONDUIT IN TRENCH, 2" DIA., PVC | FOOT | 201 | 201 | -- |
| 81021330 | CONDUIT PUSHED, 2" DIA., PVC | FOOT | 57 | 57 | -- |
| 81021350 | CONDUIT PUSHED, 3" DIA., PVC | FOOT | 168 | 168 | -- |
| 81400700 | HANDHOLE, PORTLAND CEMENT CONCRETE | EACH | 1 | 1 | -- |
| 81900200 | TRENCH AND BACKFILL FOR ELECTRICAL WORK | FOOT | 233 | 233 | -- |
| 85700205 | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL | EACH | 1 | 1 | -- |
| 86200300 | UNINTERRUPTIBLE POWER SUPPLY, EXTENDED | EACH | 1 | 1 | -- |
| 86400100 | TRANSCIEVER-FIBER OPTIC | EACH | 1 | 1 | -- |
| 87301215 | ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C | FOOT | 790 | 790 | -- |
| 87301305 | ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR | FOOT | 568 | 568 | -- |
| 87602000 | PEDESTRIAN PUSH-BUTTON POST | EACH | 4 | 4 | -- |
| 87900200 | DRILL EXISTING HANDHOLE | EACH | 14 | 14 | -- |
| 88040090 | SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED | EACH | 2 | 2 | -- |
| 88102710 | PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED | EACH | 8 | 8 | -- |
| 88200410 | TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC | EACH | 2 | 2 | -- |
| 88500100 | INDUCTIVE LOOP DETECTOR | EACH | 3 | 3 | -- |
| 88600100 | DETECTOR LOOP, TYPE 1 | FOOT | 329 | 329 | -- |
| 88800100 | PEDESTRIAN PUSH-BUTTON | EACH | 8 | 8 | -- |
| 89502350 | REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT | FOOT | 710 | 710 | -- |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 | 1 | -- |
| X0323336 | LED SIGNAL FACE RETROFIT, RED BALL | EACH | 7 | 7 | -- |
| X0323337 | LED SIGNAL FACE RETROFIT, GREEN BALL | EACH | 7 | 7 | -- |
| X0323418 | LED SIGNAL FACE RETROFIT, YELLOW BALL | EACH | 7 | 7 | -- |
| X8730027 | ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C | FOOT | 344 | 344 | -- |
| X8860100 | LOOP DETECTOR TESTING | EACH | 1 | 1 | -- |
| XX002179 | ELECTRIC CABLE IN CONDUIT, COMMUNICATION, NO. 20 3/C | FOOT | 391 | 391 | -- |
| *3001707 | LIGHT DETECTOR, INSTALLATION ONLY | EACH | 3 | -- | 3 |
| *3001826 | CONFIRMATION BEACON, INSTALLATION ONLY | EACH | 3 | -- | 3 |
| *3001708 | LIGHT DETECTOR AMPLIFIER, INSTALLATION ONLY | EACH | 3 | -- | 3 |

LEGEND

- ① 80% FEDERAL, 20% STATE
- ② 80% FEDERAL, 15% STATE, 5% CITY
- ③ 80% FEDERAL, 13.3% STATE, 6.7% CITY
- ④ 80% FEDERAL, 10% STATE, 10% CITY
- ⑤ 100% CITY

TRAFFIC SIGNALS LEGEND

| EXISTING | PROPOSED | |
|----------|----------|----------------------------------|
| □ | ■ | SERVICE INSTALLATION |
| ⊗ | ⊗ | CONTROLLER CABINET |
| --- | --- | CONDUIT |
| → | → | SIGNAL HEAD WITH BACKPLATE |
| ○ | ● | STEEL MAST ARM |
| ○ | ● | TRAFFIC SIGNAL POST |
| □ | □ | HANDHOLE |
| ⊗ | ⊗ | DOUBLE HANDHOLE |
| ⊖ | ⊖ | PEDESTRIAN SIGNAL HEAD |
| ● | ● | PEDESTRIAN PUSH BUTTON |
| ⚠ | ⚠ | EMERGENCY VEHICLE LIGHT DETECTOR |

| REVISIONS | |
|-----------|------|
| NAME | DATE |
| ARR | 4/07 |
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLAN
 FAP 840 (IL 50)-HARRISON AVENUE
 AND CHESTNUT STREET
 SECTION (139 Z, 11) TS-1 & (1) TS-2
 KANKAKEE COUNTY

SCALE: VERT. 1" = 20'
 HORIZ. 1" = 20'
 DATE 6/05
 DRAWN BY ARR
 CHECKED BY JLS