

CONSTRUCTION NOTES:

- ① REMOVE EXISTING SIGNAL POST, SIGNAL HEAD, 2-FACE, 5-SECTION, BRACKET MOUNTED, PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED, AND PEDESTRIAN PUSHBUTTON. INSTALL NEW 16' POST, SIGNAL HEAD, L.E.D., 2-FACE, 5-SECTION, BRACKET MOUNTED, PEDESTRIAN SIGNAL HEAD, L.E.D., 1-FACE, BRACKET MOUNTED, AND PEDESTRIAN PUSHBUTTON ON EXISTING CONCRETE FOUNDATION. REMOVE EXISTING ELECTRICAL CABLES AND INSTALL NEW 2C, 3C AND 7C CABLES.
- ② REMOVE EXISTING SIGNAL POST, SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED, PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED, AND PEDESTRIAN PUSHBUTTON. INSTALL NEW 16' SIGNAL POST, SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED, AND PEDESTRIAN PUSHBUTTON ON EXISTING CONCRETE FOUNDATION. REMOVE ELECTRICAL CABLES AND INSTALL NEW 2C, 3C AND 7C CABLES.
- ③ REMOVE EXISTING PEDESTRIAN PUSHBUTTON AND SIGN AND INSTALL NEW PEDESTRIAN PUSHBUTTON AND SIGN.
- ④ REMOVE EXISTING PEDESTRIAN PUSHBUTTONS AND SIGN(S) AND INSTALL NEW PEDESTRIAN PUSHBUTTONS AND SIGNS.
- ⑤ REMOVE EXISTING CONTROLLER AND CABINET AND REPLACE WITH NEW CONTROLLER AND MASTER CONTROLLER IN TYPE V CABINET. THE NEW CABINET SHALL BE EQUIPPED WITH FRONT AND BACK DOORS AND A SEPARATE CIRCUIT BREAKER FOR STREET LIGHTING. INSTALL NEW TRANSCEIVER, NEW LIGHT DETECTOR AMPLIFIER, AND NEW INDUCTIVE LOOP DETECTORS IN NEW CABINET. REUSE EXISTING TYPE D FOUNDATION.
- ⑥ INSTALL RADIO ANTENNAS ON EXISTING MAST ARM FOR INTERCONNECT.

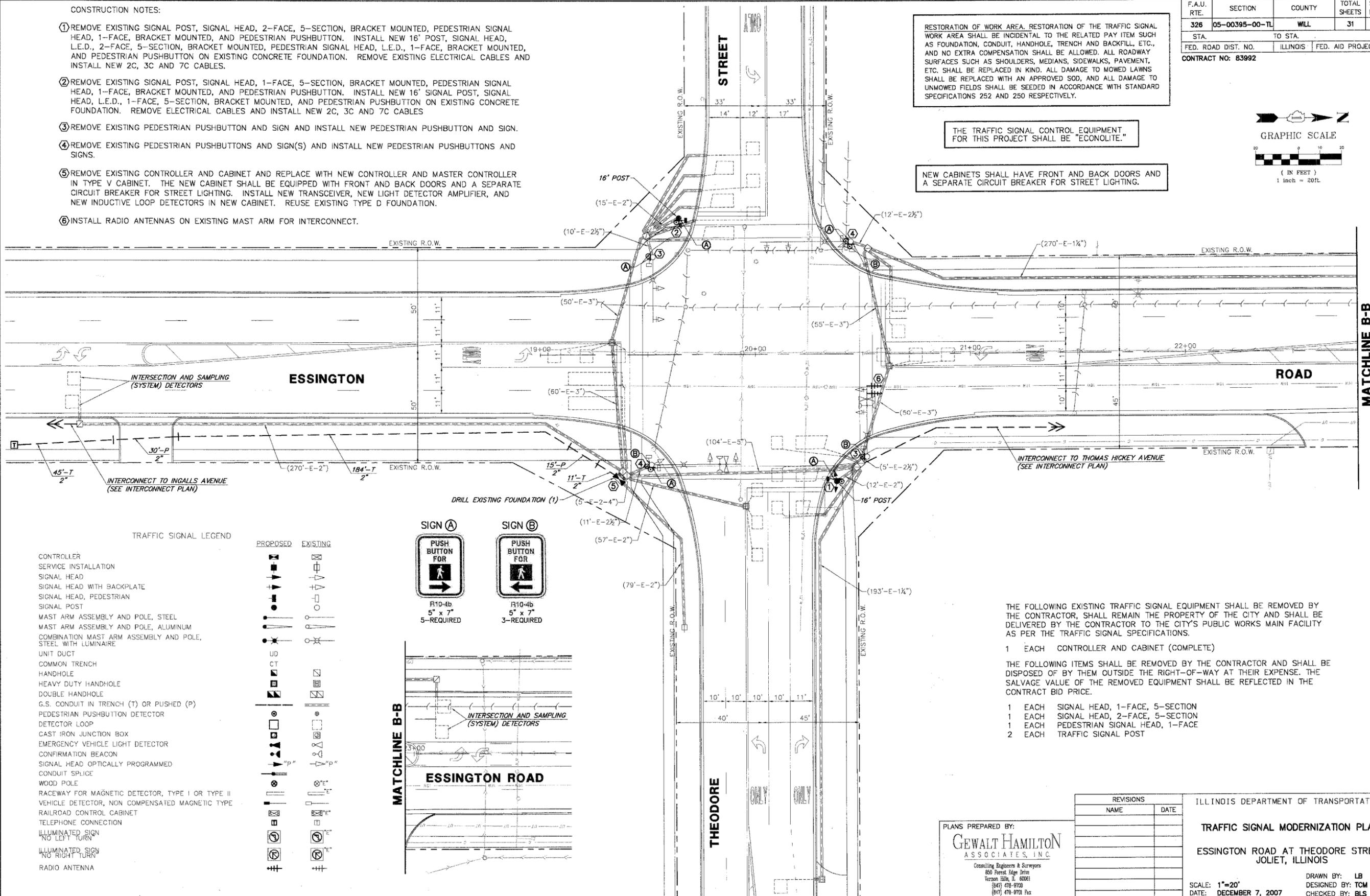
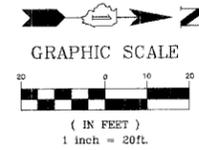
RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE."

NEW CABINETS SHALL HAVE FRONT AND BACK DOORS AND A SEPARATE CIRCUIT BREAKER FOR STREET LIGHTING.

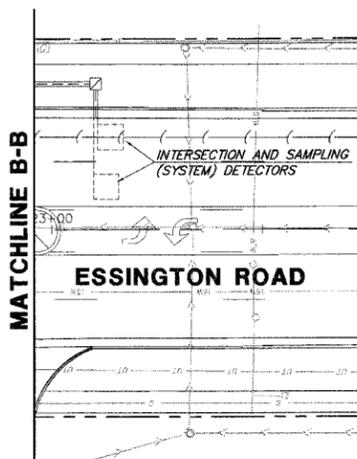
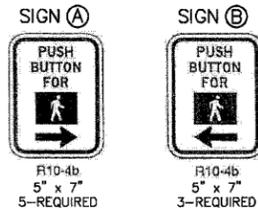
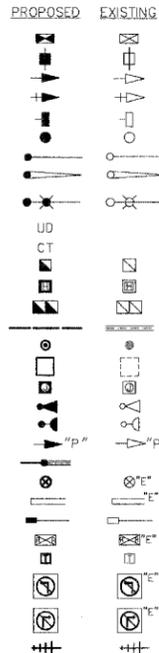
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|---------------------|----------------|----------|------------------|-----------|
| F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 326 | 05-00395-00-TL | WILL | 31 | 15 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | | ILLINOIS | FED. AID PROJECT | |

CONTRACT NO: 83992



TRAFFIC SIGNAL LEGEND

- CONTROLLER
- SERVICE INSTALLATION
- SIGNAL HEAD
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD, PEDESTRIAN
- SIGNAL POST
- MAST ARM ASSEMBLY AND POLE, STEEL
- MAST ARM ASSEMBLY AND POLE, ALUMINUM
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
- UNIT DUCT
- COMMON TRENCH
- HANDHOLE
- HEAVY DUTY HANDHOLE
- DOUBLE HANDHOLE
- G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
- PEDESTRIAN PUSHBUTTON DETECTOR
- DETECTOR LOOP
- CAST IRON JUNCTION BOX
- EMERGENCY VEHICLE LIGHT DETECTOR
- CONFIRMATION BEACON
- SIGNAL HEAD OPTICALLY PROGRAMMED
- CONDUIT SPLICE
- WOOD POLE
- RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
- VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
- RAILROAD CONTROL CABINET
- TELEPHONE CONNECTION
- ILLUMINATED SIGN "NO LEFT TURN"
- ILLUMINATED SIGN "NO RIGHT TURN"
- RADIO ANTENNA



THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE CITY AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY'S PUBLIC WORKS MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

- 1 EACH CONTROLLER AND CABINET (COMPLETE)

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH SIGNAL HEAD, 1-FACE, 5-SECTION
- 1 EACH SIGNAL HEAD, 2-FACE, 5-SECTION
- 1 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE
- 2 EACH TRAFFIC SIGNAL POST

PLANS PREPARED BY:
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 (815) 478-9701 Fax

| REVISIONS | |
|-----------|------|
| NAME | DATE |
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| | |

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL MODERNIZATION PLAN
 ESSINGTON ROAD AT THEODORE STREET
 JOLIET, ILLINOIS

SCALE: 1"=20'
 DATE: DECEMBER 7, 2007

DRAWN BY: LB
 DESIGNED BY: TCM
 CHECKED BY: BLS