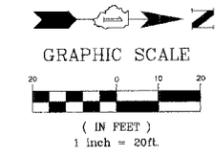
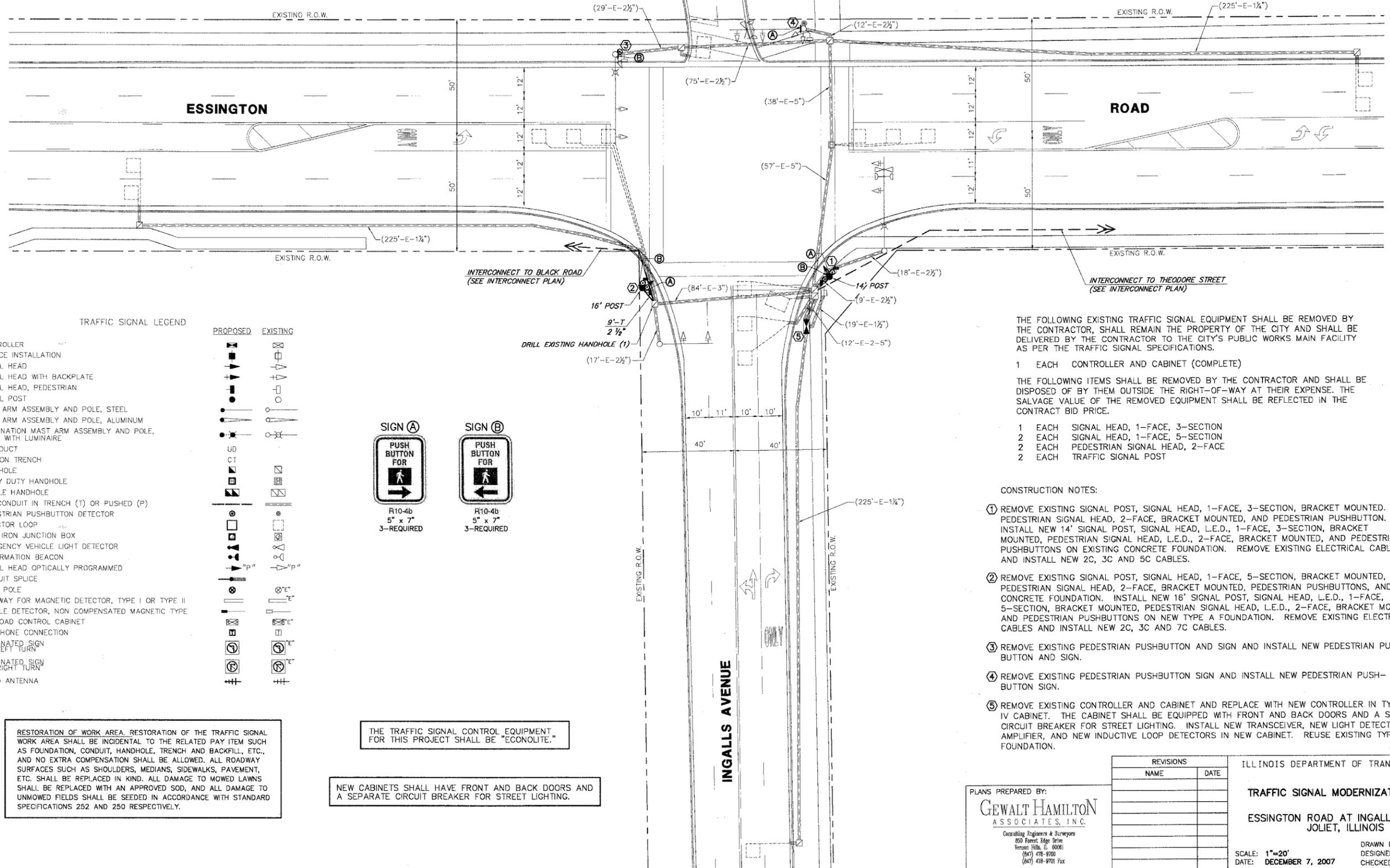


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	05-00395-00-TL	WILL	31	13
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO: 83992				



ROCK RUN PRESERVE DRIVE



TRAFFIC SIGNAL LEGEND

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

CONSTRUCTION NOTES:

- REMOVE EXISTING SIGNAL POST, SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED. PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED, AND PEDESTRIAN PUSHBUTTON. INSTALL NEW 14' SIGNAL POST, SIGNAL HEAD, L.E.D., 1-FACE, 3-SECTION, BRACKET MOUNTED, PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED, AND PEDESTRIAN PUSHBUTTONS ON EXISTING CONCRETE FOUNDATION. REMOVE EXISTING ELECTRICAL CABLES AND INSTALL NEW 2C, 3C AND 5C CABLES.
- REMOVE EXISTING SIGNAL POST, SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED, PEDESTRIAN SIGNAL HEAD, 2-FACE, BRACKET MOUNTED, PEDESTRIAN PUSHBUTTONS, AND CONCRETE FOUNDATION. INSTALL NEW 16' SIGNAL POST, SIGNAL HEAD, L.E.D., 1-FACE, 5-SECTION, BRACKET MOUNTED, PEDESTRIAN SIGNAL HEAD, L.E.D., 2-FACE, BRACKET MOUNTED, AND PEDESTRIAN PUSHBUTTONS ON NEW TYPE A FOUNDATION. REMOVE EXISTING ELECTRICAL CABLES AND INSTALL NEW 2C, 3C AND 7C CABLES.
- REMOVE EXISTING PEDESTRIAN PUSHBUTTON AND SIGN AND INSTALL NEW PEDESTRIAN PUSH-BUTTON AND SIGN.
- REMOVE EXISTING PEDESTRIAN PUSHBUTTON SIGN AND INSTALL NEW PEDESTRIAN PUSH-BUTTON SIGN.
- REMOVE EXISTING CONTROLLER AND CABINET AND REPLACE WITH NEW CONTROLLER IN TYPE IV CABINET. THE 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.

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 SEEDED 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.

PLANS PREPARED BY:
GEWALT HAMILTON ASSOCIATES, INC.
Consulting Engineers & Surveyors
850 Forest Edge Drive
Vershire, VT, 05481
(847) 478-9700
(847) 478-9701 Fax

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL MODERNIZATION PLAN
ESSINGTON ROAD AT INGALLS AVENUE
JOLIET, ILLINOIS
DRAWN BY: LB
DESIGNED BY: TCM
CHECKED BY: BLS
SCALE: 1"=20'
DATE: DECEMBER 7, 2007