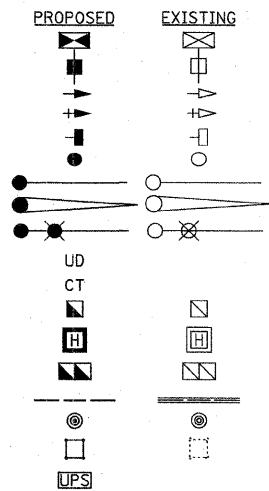
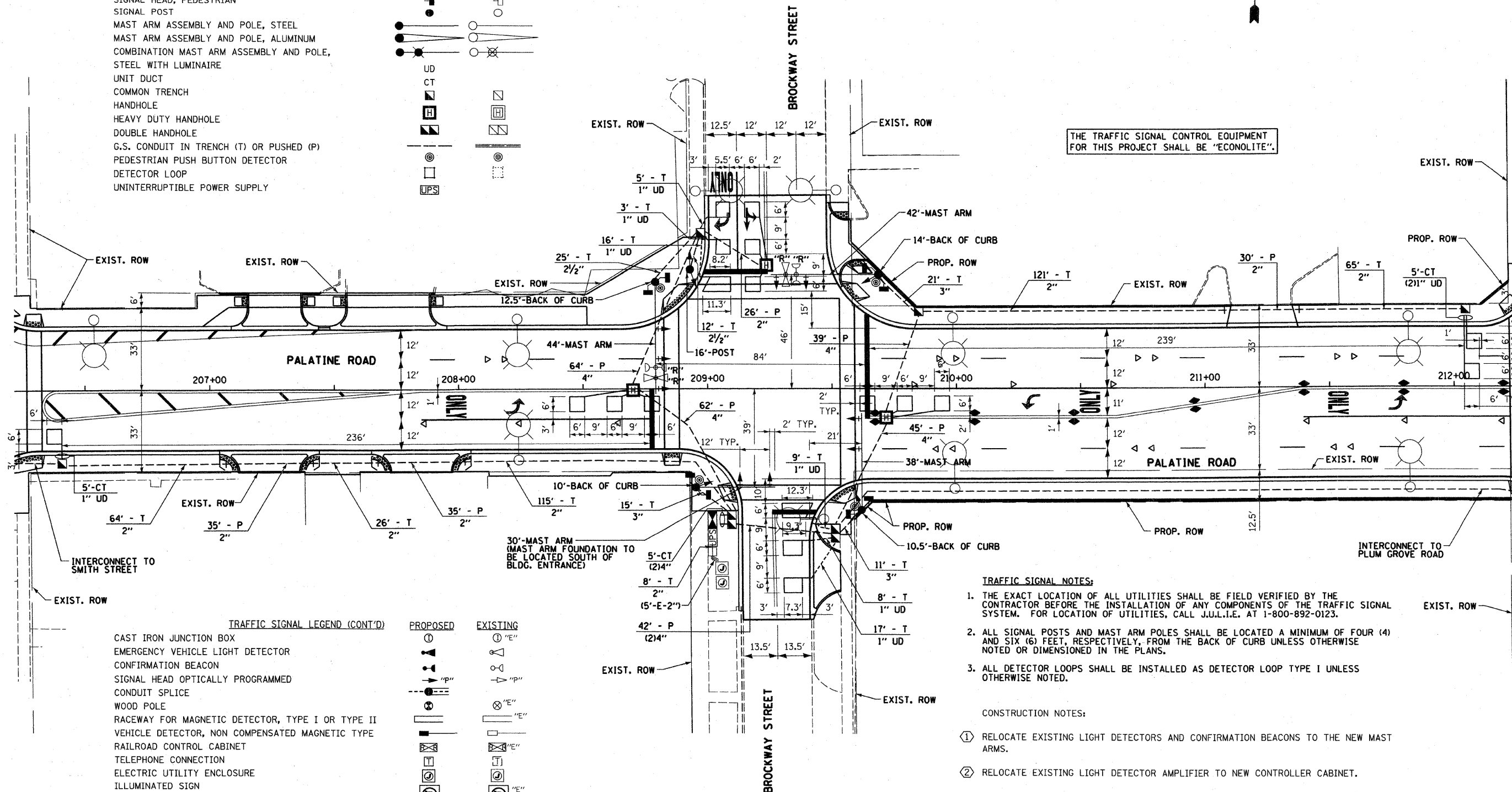


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1285	02-00075-00-PV	COOK	161	87
STA.		TO STA.		
FED. ROAD DIST. NO. . ILLINOIS		FED. AID PROJECT		

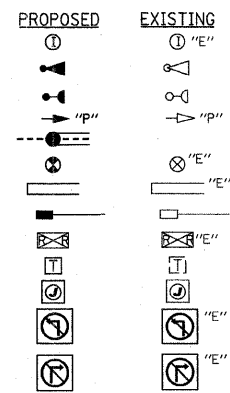
- TRAFFIC SIGNAL LEGEND**
- CONTROLLER
 - SERVICE INSTALLATION
 - SIGNAL HEAD
 - SIGNAL HEAD WITH BACKPLATE
 - SIGNAL HEAD, PEDESTRIAN
 - SIGNAL POST
 - MAST ARM ASSEMBLY AND POLE, STEEL
 - MAST ARM ASSEMBLY AND POLE, ALUMINUM
 - COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
 - UNIT DUCT
 - COMMON TRENCH
 - HANDHOLE
 - HEAVY DUTY HANDHOLE
 - DOUBLE HANDHOLE
 - G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)
 - PEDESTRIAN PUSH BUTTON DETECTOR
 - DETECTOR LOOP
 - UNINTERRUPTIBLE POWER SUPPLY



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



- TRAFFIC SIGNAL LEGEND (CONT'D)**
- 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
 - ELECTRIC UTILITY ENCLOSURE
 - ILLUMINATED SIGN
 - "NO LEFT TURN"
 - ILLUMINATED SIGN
 - "NO RIGHT TURN"



TRAFFIC SIGNAL NOTES:

1. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES, CALL J.U.L.I.E. AT 1-800-892-0123.
2. ALL SIGNAL POSTS AND MAST ARM POLES SHALL BE LOCATED A MINIMUM OF FOUR (4) AND SIX (6) FEET, RESPECTIVELY, FROM THE BACK OF CURB UNLESS OTHERWISE NOTED OR DIMENSIONED IN THE PLANS.
3. ALL DETECTOR LOOPS SHALL BE INSTALLED AS DETECTOR LOOP TYPE I UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES:

- ① RELOCATE EXISTING LIGHT DETECTORS AND CONFIRMATION BEACONS TO THE NEW MAST ARMS.
- ② RELOCATE EXISTING LIGHT DETECTOR AMPLIFIER TO NEW CONTROLLER CABINET.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 VILLAGE OF PALATINE
 PALATINE ROAD & PLUM GROVE ROAD RECONSTRUCTION
 SMITH STREET TO US 14 (NORTHWEST HIGHWAY)
 PALATINE ROAD AND BROCKWAY STREET
 TRAFFIC SIGNAL PLAN

SCALE: 1" = 20'
 DATE: OCTOBER 19, 2009
 DRAWN BY: DMB
 CHECKED BY: RY

PLOT DATE = 04/28/09
 FILE NAME = 020075-00-PV-87.dwg
 USER NAME = MUSER