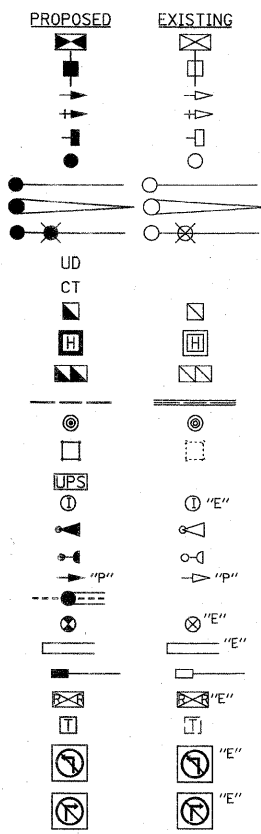


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1285	02-00075-00-PV	COOK	161	79
STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

- 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
 - 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"



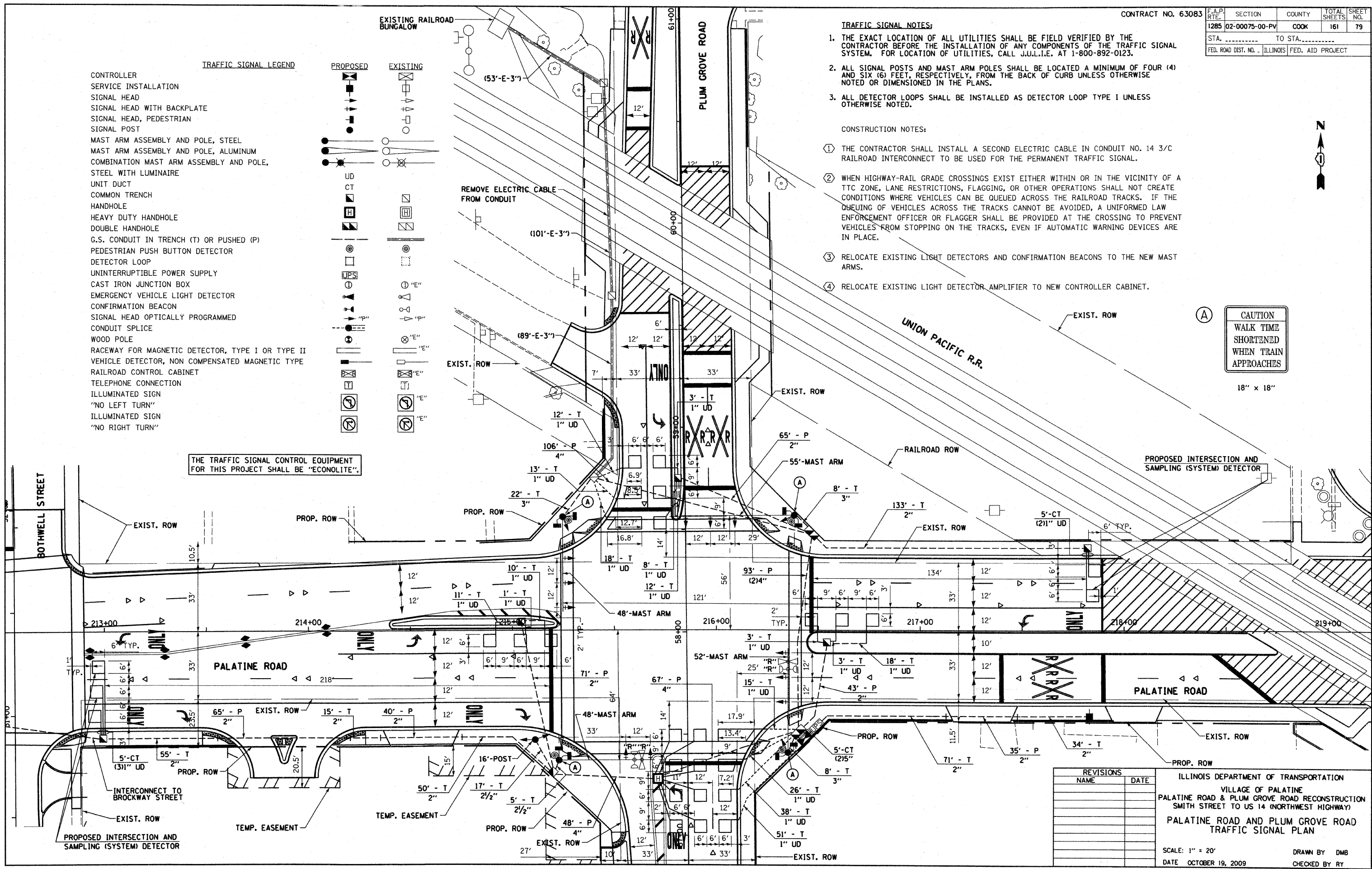
- TRAFFIC SIGNAL NOTES:**
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES, CALL J.U.L.I.E. AT 1-800-892-0123.
 - ALL SIGNAL POSTS AND MAST ARM POLES SHALL BE LOCATED A MINIMUM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

- CONSTRUCTION NOTES:**
- THE CONTRACTOR SHALL INSTALL A SECOND ELECTRIC CABLE IN CONDUIT NO. 14 3/C RAILROAD INTERCONNECT TO BE USED FOR THE PERMANENT TRAFFIC SIGNAL.
 - WHEN HIGHWAY-RAIL GRADE CROSSINGS EXIST EITHER WITHIN OR IN THE VICINITY OF A TTC ZONE, LANE RESTRICTIONS, FLAGGING, OR OTHER OPERATIONS SHALL NOT CREATE CONDITIONS WHERE VEHICLES CAN BE QUEUED ACROSS THE RAILROAD TRACKS. IF THE QUEUING OF VEHICLES ACROSS THE TRACKS CANNOT BE AVOIDED, A UNIFORMED LAW ENFORCEMENT OFFICER OR FLAGGER SHALL BE PROVIDED AT THE CROSSING TO PREVENT VEHICLES FROM STOPPING ON THE TRACKS, EVEN IF AUTOMATIC WARNING DEVICES ARE IN PLACE.
 - RELOCATE EXISTING LIGHT DETECTORS AND CONFIRMATION BEACONS TO THE NEW MAST ARMS.
 - RELOCATE EXISTING LIGHT DETECTOR AMPLIFIER TO NEW CONTROLLER CABINET.



CAUTION
WALK TIME SHORTENED WHEN TRAIN APPROACHES

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



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 PLUM GROVE ROAD
TRAFFIC SIGNAL PLAN

SCALE: 1" = 20'
DATE: OCTOBER 19, 2009

DRAWN BY: DMB
CHECKED BY: RY

PLOT DATE = 10/19/09
FILE NAME = 63083.DWG
USER NAME = RY