



- CONSTRUCTION NOTES:**
- ① ALL CONFIRMATION BEACONS SHALL BE RETROFITTED WITH L.E.D. INDICATIONS. THIS WORK SHALL BE PAID FOR PER EACH BY SIGNAL HEAD, LED, RETROFIT.
  - ② CONTRACTOR TO INSTALL NEW PEDESTRIAN PUSH-BUTTON
  - ③ CONTRACTOR TO REMOVE EXISTING PEDESTRIAN PUSH-BUTTON AND INSTALL NEW PEDESTRIAN PUSH-BUTTON WITH PEDESTRIAN PUSH-BUTTON SIGNS. USE EXISTING ELECTRIC CABLE.

- ① EXISTING TRAFFIC SIGNAL CABINET  
INSTALL NEW MANAGED ETHERNET SWITCH, TYPE 1  
INSTALL NEW FIBER OPTIC PATCH PANEL  
INSTALL NEW MALFUNCTION MANAGEMENT UNIT  
INSTALL NEW FULL-ACTUATED CONTROLLER IN EXISTING CABINET  
SEE FIBER DRAWINGS FOR SPLICE/TERMINATION DETAILS
- ② INSTALL UNINTERRUPTIBLE POWER SUPPLY (SPECIAL KDOT) ON EXISTING FOUNDATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT EACH 1

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	TRAFFIC SIGNAL CONTROLLER (COMPLETE)
1	EACH	FIBER OPTIC PATCH PANEL (COMPLETE)
1	EACH	MALFUNCTION MANAGEMENT UNIT (COMPLETE)
1	EACH	UNINTERRUPTIBLE POWER SUPPLY (COMPLETE)
5	EACH	PEDESTRIAN PUSH BUTTONS

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE SIEMENS EAGLE COMPATIBLE IN COMPLIANCE WITH THE COUNTY'S EXISTING ATMS

FILE NAME = #FILE#



USER NAME = JM	DESIGNED - DG	REVISED -
	DRAWN - JM/SM	REVISED -
PLOT SCALE = 1" = 20'	CHECKED - DG	REVISED -
PLOT DATE = 12-21-2010	DATE - 12-21-2010	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODERNIZATION PLAN ORCHARD RD. & ILLINOIS AVE.				
SCALE: 1" = 20'	SHEET NO.	OF	SHEETS	STA. TO STA.

F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
336	09-00272-01-TL	KANE	68	14
INT-5			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 63540				