



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

INSTALL UNINTERRUPTIBLE POWER SUPPLY (SPECIAL KDOT)  
 ON EXISTING FOUNDATION

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

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)

**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.

FILE NAME = 8FILE18



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

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC SIGNAL MODERNIZATION PLAN</b>			
<b>ORCHARD RD. &amp; WHITE OAK DR.</b>			
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	34
INT-15			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 63540				