

# CONSTRUCTION NOTES:

1. INSTALL UNINTERRUPTIBLE POWER SUPPLY (UPS) AND 36"x67" CONCRETE SIDEWALK BENEATH UPS. THE SIDEWALK PAD IS INCIDENTAL TO THE PAY ITEM FOR UPS.
2. REMOVE EXISTING TRAFFIC SIGNAL POLE AND RELOCATE EXISTING TRAFFIC SIGNAL HEAD 2 FACE, 1-5 SECTION, 1-3 SECTION ONTO NEW 16' GALVANIZED STEEL TRAFFIC SIGNAL POLE WITH NEW TRAFFIC SIGNAL BASE.
3. POSITION THE RELOCATED MAST ARM TRAFFIC SIGNAL HEAD OVER THE LANE LINE BETWEEN THE TWO THROUGH LANES.
4. POSITION THE NEW MAST ARM TRAFFIC SIGNAL HEAD OVER THE CURB LINE ADJACENT TO THE THROUGH LANE.
5. REMOVE EXISTING BACKPLATE. INSTALL RETROREFLECTIVE BACKPLATE.
6. DRILL EXISTING HANDHOLE, INSTALL NEW 3" CONDUIT, INSTALL NEW TYPE E FOUNDATION, INSTALL NEW 45' LIGHT POLE WITH 15' LUM ARM WITH BREAKAWAY TRANSFORMER BASE, INSTALL NEW BRACKETMOUNTED LED TRAFFIC SIGNALS, INSTALL VIDEO DETECTION CAMERA, INSTALL NEW VIDEO CABLE AND NEW 5/C AND 7/C CABLES PRIOR TO REMOVING EXISTING 5/C AND 7/C CABLES AND THE EXISTING BRACKET MOUNTED SIGNALS AND EXISTING TRAFFIC SIGNAL POLE. REMOVE EXISTING BRACKET MOUNTED TRAFFIC SIGNAL HEADS AND EXISTING TRAFFIC SIGNAL POLE AND EXISTING TRAFFIC SIGNAL CABLE AFTER NEW TRAFFIC SIGNALS AND LIGHT POLE ARE OPERATIONAL. REMOVE EXISTING TRAFFIC SIGNAL POLE FOUNDATION.

MATCHLINE A-A

MATCHLINE A-A

MATCHLINE B-B

MATCHLINE B-B

NOTE:  
DISCONNECT EXISTING PHASE 2 & 6  
LOOP DETECTORS

NOTE:  
NORTHBOUND AND SOUTHBOUND THROUGH LANE  
DETECTION SHALL OPERATE WITH EC-DC OPERATIONS.  
DILEMMA ZONE SPEED 40MPH

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.

FILE NAME: P:\2012\120123\cd\phase 2\dyg\120123-sh-87th & Lemont-PROP traffic signal.dgn	USER NAME: #USER#	DESIGNED - BF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HLR	PROPOSED TRAFFIC SIGNAL MODIFICATION 87TH STREET & LEMONT ROAD	SCALE: 1" = 20'	SHEET NO. OF SHEETS STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
PLOT SCALE: #SCALE#		DRAWN - BF	REVISED -						11-00232-06-SP	DUPAGE	21	14
PLOT DATE: 2/4/2013		CHECKED - JS	REVISED -						HLR PROJECT NO. 12.0123.350		CONTRACT NO. 63777	
		DATE - 12-13-12	REVISED -						ILLINOIS FED. AID PROJECT			