

**ABBREVIATIONS**

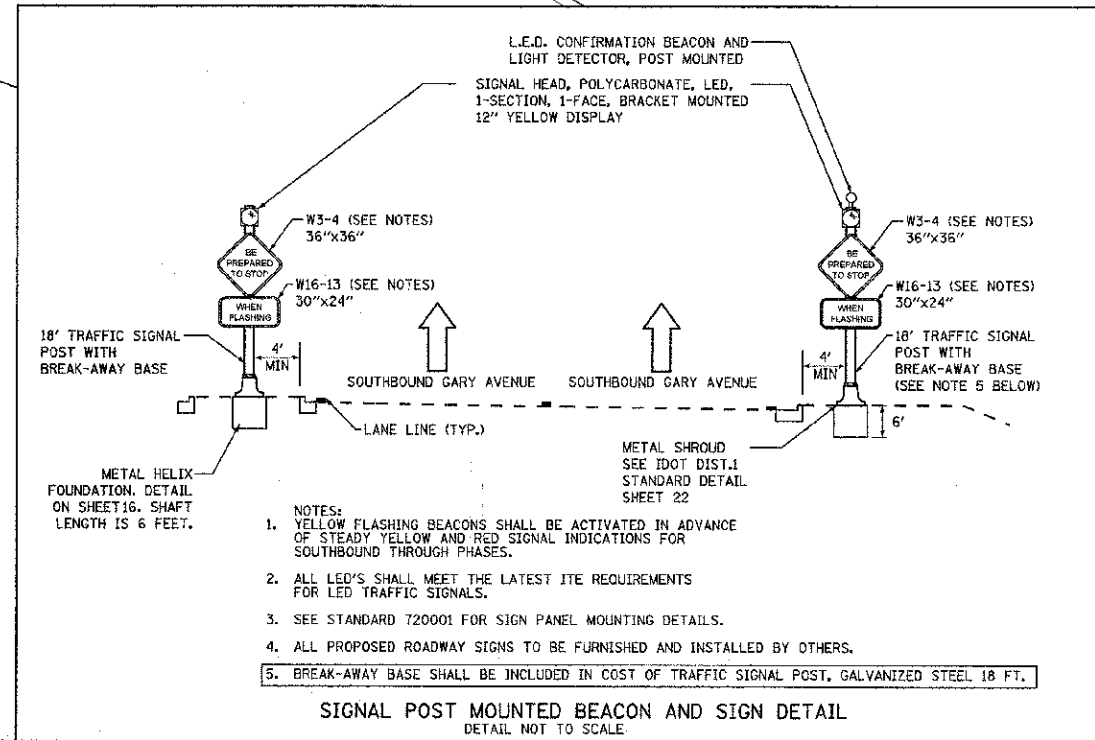
- 30'-E-1" UD (LENGTH OF ITEM) - (EXISTING) - (SIZE OF UNIT DUCT)
- 26'-E-2" (LENGTH OF ITEM) - (EXISTING) - (SIZE OF CONDUIT)
- 15'-UC 2 1/2" (LENGTH OF ITEM) - (UNDERGROUND CONDUIT) (SIZE OF CONDUIT)

**TRAFFIC SIGNAL LEGEND**

EXISTING	PROPOSED	
		TRAFFIC SIGNAL CONTROLLER
		DOUBLE HANDHOLE
		HANDHOLE
		UNINTERRUPTIBLE POWER SUPPLY CABINET
		HEAVY DUTY HANDHOLE
		JUNCTION BOX
		DETECTOR LOOP
		MAST ARM ASSEMBLY AND POLE, STEEL
		SIGNAL POST
		SIGNAL HEAD WITH BACK PLATE
		EMERGENCY VEHICLE SYSTEM DETECTOR
		SIGNAL HEAD, PEDESTRIAN
		PEDESTRIAN PUSH BUTTON DETECTOR
		CONFIRMATION BEACON
		RADAR VEHICLE DETECTION SYSTEM
		CONDUIT IN TRENCH OR PUSHED
		UNIT DUCT

**CONSTRUCTION NOTES:**

- 10 INSTALL NEW TRAFFIC SIGNAL HANDHOLE TO INTERCEPT EXISTING CONDUIT. INSTALL NEW 2 1/2 INCH UNDERGROUND CONDUIT BETWEEN NEW TRAFFIC SIGNAL HANDHOLE TO NEW TRAFFIC SIGNAL POST. SEE STANDARD 814001 AND DISTRICT ONE DETAIL ON SHEET 22 FOR THE "HANDHOLE TO INTERCEPT EXISTING CONDUIT" DETAIL.
- 11 REMOVE EXISTING FLASHING BEACON 1-FACE AMBER, POST MOUNTED. REMOVE EXISTING SIGN AND POST. INSTALL NEW LIGHT POLE FOUNDATION, METAL, 1 1/2" BOLT CIRCLE, AND INSTALL 18' GALVANIZED STEEL TRAFFIC SIGNAL POST WITH BREAK-AWAY BASE. INSTALL NEW L.E.D. FLASHING BEACON, 1-FACE AMBER, MOUNTING LOCATION AS SHOWN IN DETAIL (BRACKET MOUNTED). REMOVE AND REPLACE EXISTING CABLES FROM TRAFFIC SIGNAL CONTROLLER TO NEW L.E.D. FLASHING BEACON. PROPOSED SIGNAGE TO BE INSTALLED BY OTHERS.
- 12 INSTALL NEW EMERGENCY VEHICLE LIGHT DETECTOR, POST MOUNTED, AND L.E.D. CONFIRMATION BEACON, POST MOUNTED TO 18' TRAFFIC SIGNAL POST. RUN NEW CABLES TO CONTROLLER CABINET.
- 13 EXISTING HANDHOLE TO REMAIN. CORE HANDHOLE FOUNDATION'S CONDUIT OPENINGS FOR 2" GALVANIZED STEEL CONDUIT. SEAL WITH MORTAR ONCE NEW 2" GALVANIZED STEEL CONDUIT IS PLACED. THIS WORK SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF 2" GALVANIZED STEEL CONDUIT.
- 14 REMOVE EXISTING 1/4 INCH GALVANIZED STEEL CONDUIT. REMOVAL OF EXISTING CONDUIT SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE COST OF CONDUIT BEING INSTALLED.



- NOTES:**
- YELLOW FLASHING BEACONS SHALL BE ACTIVATED IN ADVANCE OF STEADY YELLOW AND RED SIGNAL INDICATIONS FOR SOUTHBOUND THROUGH PHASES.
  - ALL LED'S SHALL MEET THE LATEST ITE REQUIREMENTS FOR LED TRAFFIC SIGNALS.
  - SEE STANDARD 720001 FOR SIGN PANEL MOUNTING DETAILS.
  - ALL PROPOSED ROADWAY SIGNS TO BE FURNISHED AND INSTALLED BY OTHERS.
  - BREAK-AWAY BASE SHALL BE INCLUDED IN COST OF TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.

**SIGNAL POST MOUNTED BEACON AND SIGN DETAIL**  
DETAIL NOT TO SCALE

FILE NAME: I:\Projects\4715561\4715561.dwg; Sheets\04\_C:\Civ\1\Sheet\03-signal.dwg

USER NAME = zulkowid	DESIGNED - JAC	REVISED -
PLOT SCALE = 40 0000 1/1 in.	DRAWN - SDZ	REVISED -
PLOT DATE = 4/1/2015	CHECKED - JAP	REVISED -
	DATE - 03-22-2013	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GARY AVENUE AT TRAVIS PARKWAY  
TRAFFIC SIGNAL MODIFICATION PLAN**  
SCALE: 1" = 20' SHEET NO. 5 OF 24 SHEETS STA. 102+50.00 TO STA. 108+00.00

F.A.U. R.T.E. 2561	SECTION 11-00237-12-SP	COUNTY DUPAGE/COOK	TOTAL SHEETS 24	SHEET NO. 5
CONTRACT NO. 63821				(ILLINOIS) FED. AID PROJECT HSIP-0043 (029)