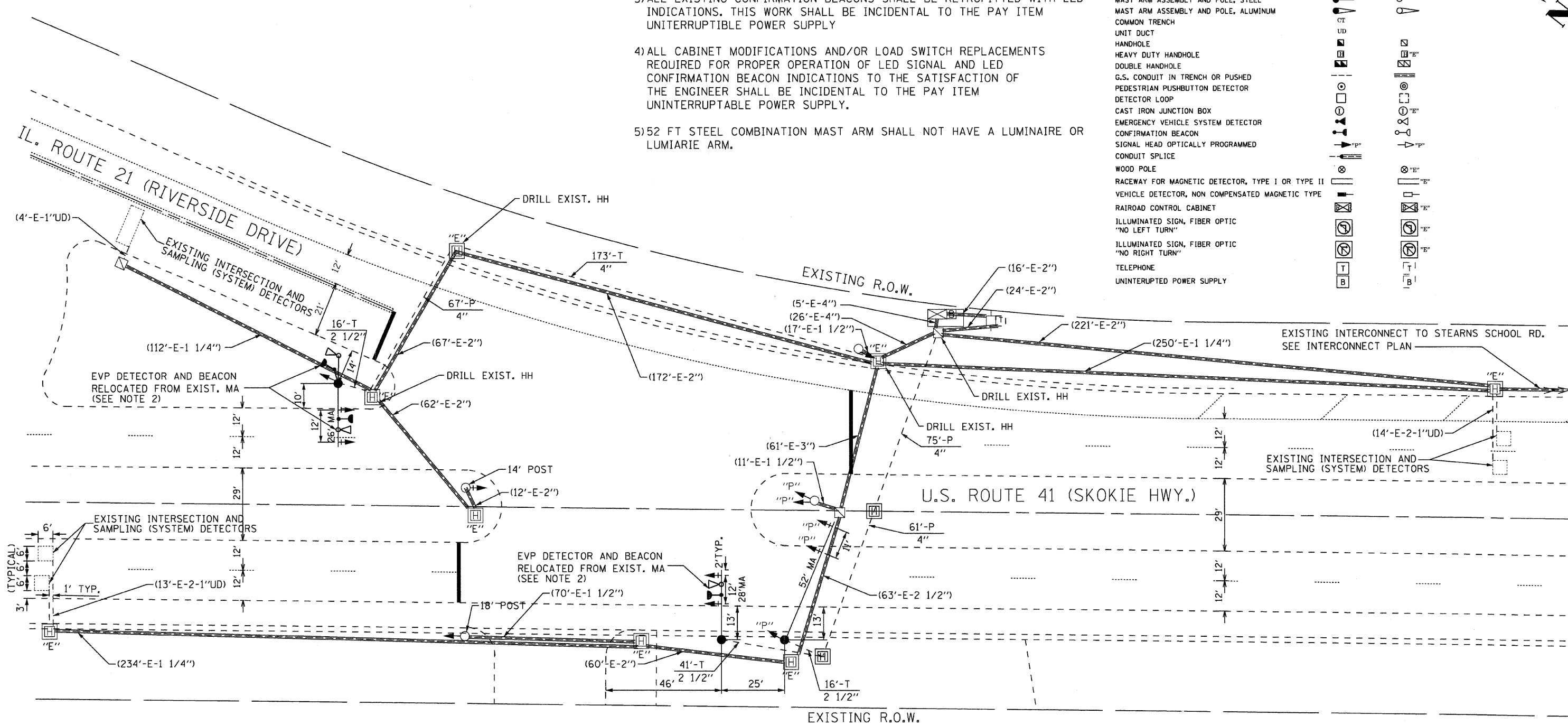
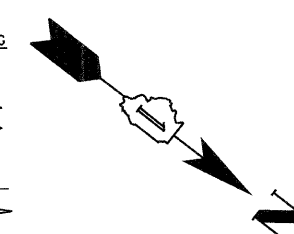


**CONSTRUCTION NOTES:**

- 1) EXISTING STOP BARS SHALL BE REPLACED WHERE CONFIRMED FOR LOCATIONS BY THE ENGINEER.
- 2) RELOCATE EXISTING EVP DETECTORS AND BEACONS FROM EXISTING MAST ARMS TO NEW MAST ARMS.
- 3) ALL EXISTING CONFIRMATION BEACONS SHALL BE RETROFITTED WITH LED INDICATIONS. THIS WORK SHALL BE INCIDENTAL TO THE PAY ITEM UNINTERRUPTIBLE POWER SUPPLY
- 4) ALL CABINET MODIFICATIONS AND/OR LOAD SWITCH REPLACEMENTS REQUIRED FOR PROPER OPERATION OF LED SIGNAL AND LED CONFIRMATION BEACON INDICATIONS TO THE SATISFACTION OF THE ENGINEER SHALL BE INCIDENTAL TO THE PAY ITEM UNINTERRUPTIBLE POWER SUPPLY.
- 5) 52 FT STEEL COMBINATION MAST ARM SHALL NOT HAVE A LUMINAIRE OR LUMIARIE ARM.

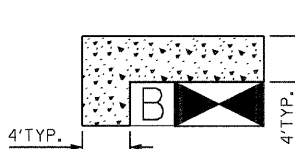
**TRAFFIC SIGNAL LEGEND**

PROPOSED	EXISTING
CONTROLLER	CONTROLLER
SERVICE INSTALLATION	SERVICE INSTALLATION
SIGNAL HEAD	SIGNAL HEAD
SIGNAL HEAD WITH BACKPLATE	SIGNAL HEAD WITH BACKPLATE
SIGNAL HEAD, PEDESTRIAN	SIGNAL HEAD, PEDESTRIAN
SIGNAL POST	SIGNAL POST
MAST ARM ASSEMBLY AND POLE, STEEL	MAST ARM ASSEMBLY AND POLE, STEEL
MAST ARM ASSEMBLY AND POLE, ALUMINUM	MAST ARM ASSEMBLY AND POLE, ALUMINUM
COMMON TRENCH	COMMON TRENCH
UNIT DUCT	UNIT DUCT
HANDHOLE	HANDHOLE
HEAVY DUTY HANDHOLE	HEAVY DUTY HANDHOLE
DOUBLE HANDHOLE	DOUBLE HANDHOLE
G.S. CONDUIT IN TRENCH OR PUSHED	G.S. CONDUIT IN TRENCH OR PUSHED
PEDESTRIAN PUSHBUTTON DETECTOR	PEDESTRIAN PUSHBUTTON DETECTOR
DETECTOR LOOP	DETECTOR LOOP
CAST IRON JUNCTION BOX	CAST IRON JUNCTION BOX
EMERGENCY VEHICLE SYSTEM DETECTOR	EMERGENCY VEHICLE SYSTEM DETECTOR
CONFIRMATION BEACON	CONFIRMATION BEACON
SIGNAL HEAD OPTICALLY PROGRAMMED	SIGNAL HEAD OPTICALLY PROGRAMMED
CONDUIT SPLICE	CONDUIT SPLICE
WOOD POLE	WOOD POLE
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE
RAILROAD CONTROL CABINET	RAILROAD CONTROL CABINET
ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"	ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"	ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
TELEPHONE	TELEPHONE
UNINTERRUPTED POWER SUPPLY	UNINTERRUPTED POWER SUPPLY



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 Regina Webster & Associates, Inc.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM



CONCRETE MAINTENANCE PAD DETAIL (TYPICAL)

- 1) 5" THICK CONCRETE PAD SHALL BE POURED NEXT TO NEW CONTROLLER AND/OR UPS TO PROVIDE EASY MAINTENANCE ACCESS.
- 2) MAINTENANCE PAD SHALL EXTEND TO THE EDGE OF EXISTING CONTROLLER FOUNDATION.
- 3) COST OF PAD SHALL BE INCLUDED IN THE PRICE OF UPS CABINET.

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, MEDIAN, 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 =	USER NAME = #USER#	DESIGNED - JS	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>US ROUTE 41 (SKOKIE HWY.) AND IL ROUTE 21 (RIVERSIDE DR.) TRAFFIC SIGNAL MODERNIZATION PLAN</b>		F.A.P. RTE. 346	SECTION 2009-004-TS	COUNTY LAKE	TOTAL SHEETS 15	SHEET NO. 11
#FILE#	PLOT SCALE = #SCALE#	DRAWN - DW	REVISED -		SCALE: 1"=20'	SHEET NO. 11 OF 15 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60G00	
	PLOT DATE = #DATE#	CHECKED - JD	REVISED -								
		DATE - 01/29/09	REVISED -								