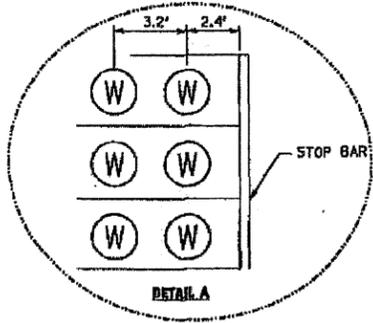
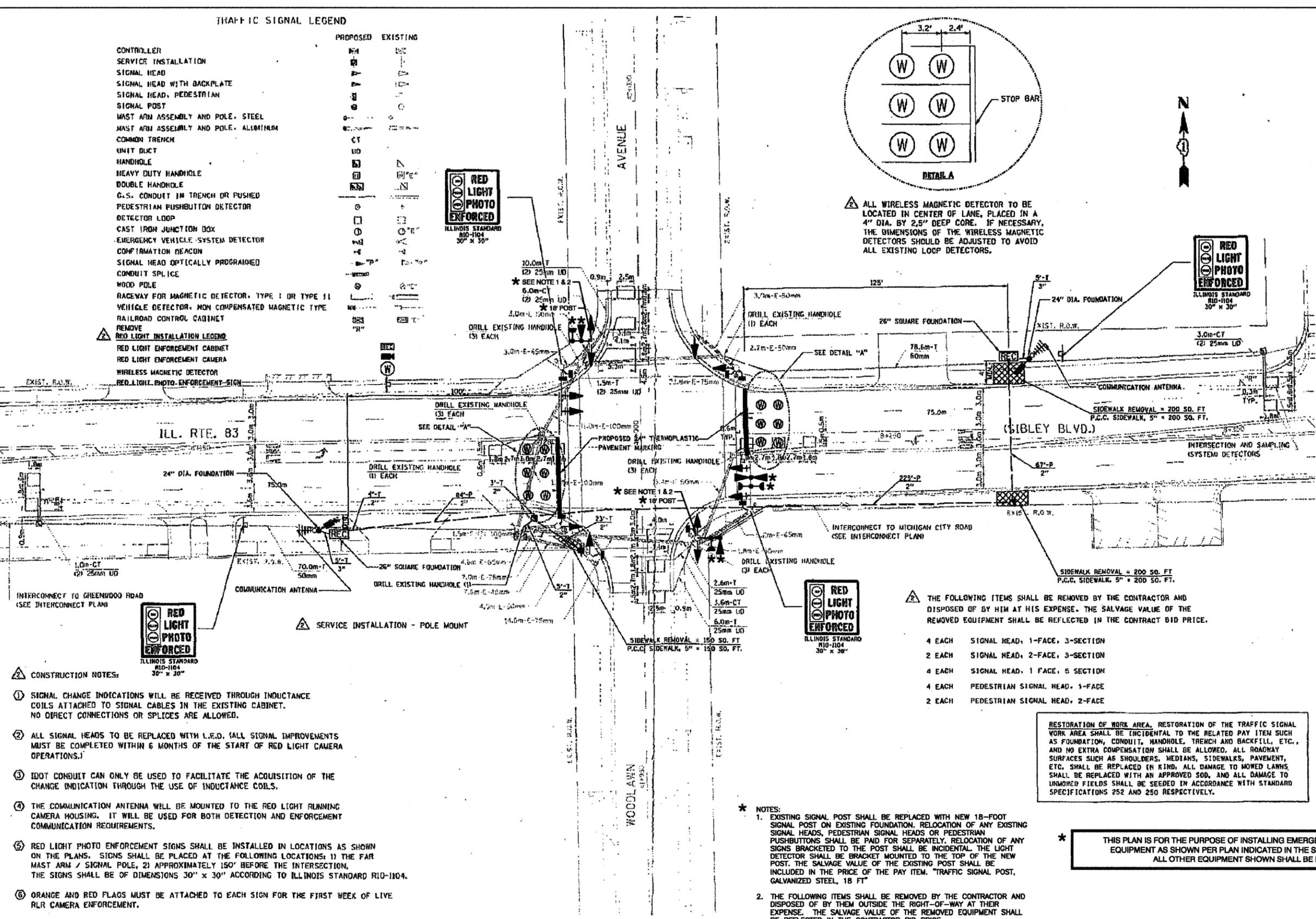


TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER	—	—
SERVICE INSTALLATION	—	—
SIGNAL HEAD	—	—
SIGNAL HEAD WITH BACKPLATE	—	—
SIGNAL HEAD, PEDESTRIAN	—	—
SIGNAL POST	—	—
MAST ARM ASSEMBLY AND POLE, STEEL	—	—
MAST ARM ASSEMBLY AND POLE, ALUMINUM	—	—
COMMON TRENCH	—	—
UNIT DUCT	—	—
HANDHOLE	—	—
HEAVY DUTY HANDHOLE	—	—
DOUBLE HANDHOLE	—	—
G.S. CONDUIT IN TRENCH OR PUSHED	—	—
PEDESTRIAN PUSHBUTTON DETECTOR	—	—
DETECTOR LOOP	—	—
CAST IRON JUNCTION BOX	—	—
EMERGENCY VEHICLE SYSTEM DETECTOR	—	—
CONFIRMATION DEACON	—	—
SIGNAL HEAD OPTICALLY PROGRAMMED	—	—
CONDUIT SPLICE	—	—
WOOD POLE	—	—
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II	—	—
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE	—	—
RAILROAD CONTROL CABINET	—	—
REMOVE RED LIGHT INSTALLATION LEGEND	—	—
RED LIGHT ENFORCEMENT CABINET	—	—
RED LIGHT ENFORCEMENT CAMERA	—	—
WIRELESS MAGNETIC DETECTOR	—	—
RED LIGHT PHOTO ENFORCEMENT SIGN	—	—



ALL WIRELESS MAGNETIC DETECTOR TO BE LOCATED IN CENTER OF LANE, PLACED IN A 4" DIA. BY 2.5" DEEP CORE. IF NECESSARY, THE DIMENSIONS OF THE WIRELESS MAGNETIC DETECTORS SHOULD BE ADJUSTED TO AVOID ALL EXISTING LOOP DETECTORS.



- CONSTRUCTION NOTES:
- SIGNAL CHANGE INDICATIONS WILL BE RECEIVED THROUGH INDUCTANCE COILS ATTACHED TO SIGNAL CABLES IN THE EXISTING CABINET. NO DIRECT CONNECTIONS OR SPLICES ARE ALLOWED.
 - ALL SIGNAL HEADS TO BE REPLACED WITH L.E.D. (ALL SIGNAL IMPROVEMENTS MUST BE COMPLETED WITHIN 6 MONTHS OF THE START OF RED LIGHT CAMERA OPERATIONS.)
 - IDOT CONDUIT CAN ONLY BE USED TO FACILITATE THE ACQUISITION OF THE CHANGE INDICATION THROUGH THE USE OF INDUCTANCE COILS.
 - THE COMMUNICATION ANTENNA WILL BE MOUNTED TO THE RED LIGHT RUNNING CAMERA HOUSING. IT WILL BE USED FOR BOTH DETECTION AND ENFORCEMENT COMMUNICATION REQUIREMENTS.
 - RED LIGHT PHOTO ENFORCEMENT SIGNS SHALL BE INSTALLED IN LOCATIONS AS SHOWN ON THE PLANS. SIGNS SHALL BE PLACED AT THE FOLLOWING LOCATIONS: 1) THE FAR MAST ARM / SIGNAL POLE, 2) APPROXIMATELY 150' BEFORE THE INTERSECTION. THE SIGNS SHALL BE OF DIMENSIONS 30" x 30" ACCORDING TO ILLINOIS STANDARD R10-1104.
 - ORANGE AND RED FLAGS MUST BE ATTACHED TO EACH SIGN FOR THE FIRST WEEK OF LIVE RLR CAMERA ENFORCEMENT.

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF BY HIM AT HIS EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 4 EACH SIGNAL HEAD, 1-FACE, 3-SECTION
- 2 EACH SIGNAL HEAD, 2-FACE, 3-SECTION
- 4 EACH SIGNAL HEAD, 1 FACE, 5 SECTION
- 4 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE
- 2 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE

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 SOB, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

THIS PLAN IS FOR THE PURPOSE OF INSTALLING EMERGENCY VEHICLE PREEMPTION EQUIPMENT AS SHOWN PER PLAN INDICATED IN THE SCHEDULE OF QUANTITIES. ALL OTHER EQUIPMENT SHOWN SHALL BE DISREGARDED.

- NOTES:
- EXISTING SIGNAL POST SHALL BE REPLACED WITH NEW 18-FOOT SIGNAL POST ON EXISTING FOUNDATION. RELOCATION OF ANY EXISTING SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS OR PEDESTRIAN PUSHBUTTONS SHALL BE PAID FOR SEPARATELY. RELOCATION OF ANY SIGNS BRACKETED TO THE POST SHALL BE INCIDENTAL. THE LIGHT DETECTOR SHALL BE BRACKET MOUNTED TO THE TOP OF THE NEW POST. THE SALVAGE VALUE OF THE EXISTING POST SHALL BE INCLUDED IN THE PRICE OF THE PAY ITEM. TRAFFIC SIGNAL POST, GALVANIZED STEEL, 18 FT
 - THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACTOR BID PRICE.

TRAFFIC SIGNAL POST, 16FT

ADDED EV PREEMPTION LOCATION NO. 6

FILE NAME = 0824-PLAN-06 - I007 P01	USER NAME =	DESIGNED — MRS	REVISED — 10-13-09 *	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED EMERGENCY VEHICLE PREEMPTION IL ROUTE 83 (SIBLEY BOULEVARD) & WOODLAWN AVENUE TRAFFIC SIGNAL PLAN		F.A.P. RTE. 397	SECTION 09-00114-00-TL	COUNTY COOK	TOTAL SHEETS 43	SHEET NO. 19	
PLOT SCALE =	DRAWN — PS	CHECKED — PKB	REVISED —		SCALE: AS SHOWN	SHEET NO. 19 OF 43 SHEETS	STA. TO STA.	CONTRACT NO. 63317		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(336)		
PLOT DATE = 10-13-09	CHECKED — AG	REVISED —	REVISED —									