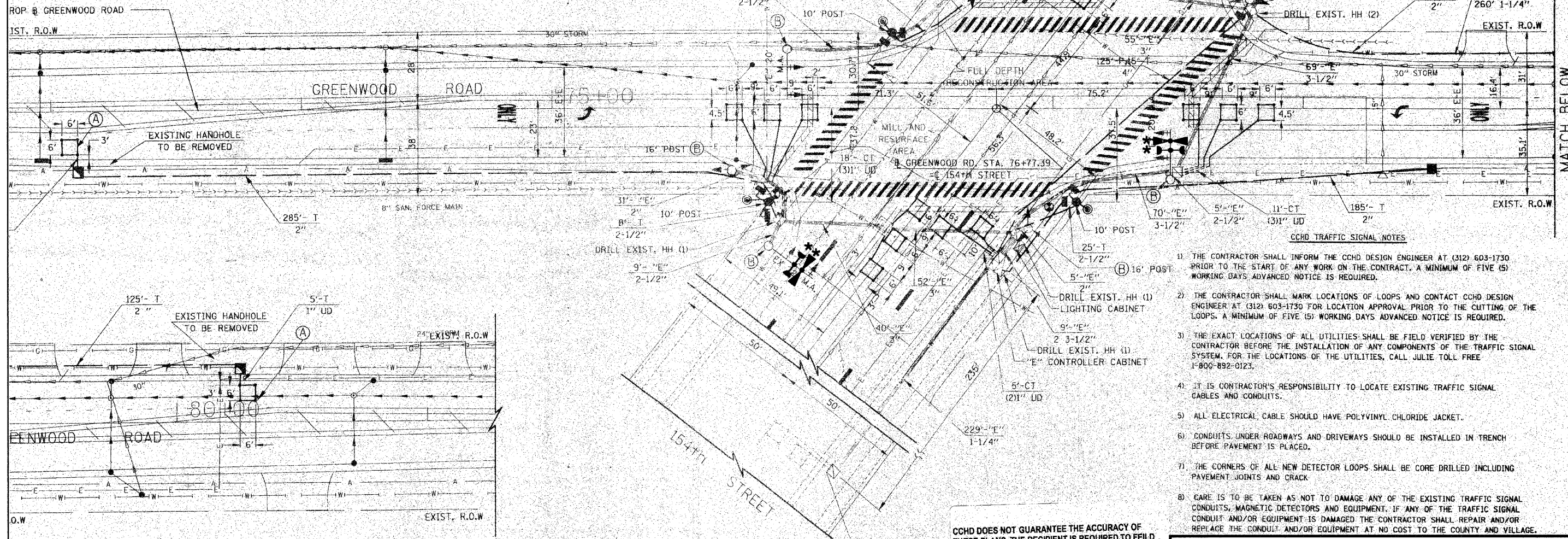


TRAFFIC SIGNAL LEGEND		EXISTING	PROPOSED	TRAFFIC SIGNAL LEGEND		EXISTING	PROPOSED
CONTROLLER				HANDHOLE			
SERVICE INSTALLATION				HEAVY DUTY HANDHOLE			
SIGNAL HEAD				DOUBLE HANDHOLE			
SIGNAL HEAD WITH BACKPLATE				G.S. CONDUIT IN TRENCH (T) OR PUSHED (P)			
SIGNAL HEAD, PEDESTRIAN				PEDESTRIAN PUSH BUTTON DETECTOR (WITH SIGNS)			
SIGNAL POST				DETECTOR LOOP			
MAST ASSEMBLY AND POLE, STEEL				EMERGENCY VEHICLE LIGHT DETECTOR			
MAST ARM ASSEMBLY AND POLE, ALUMINUM				CONFIRMATION BEACON			
COMMON TRENCH			CT	SIGNAL HEAD OPTICALLY PROGRAMMED			
UNIT DUCT			UD	CONDUIT SPLICE			

"E" = EXISTING



(A) LOOP REPLACEMENT NOTES:
 -REMOVE 2/C WIRE FROM LOOP TO HANDHOLE AT INTERSECTION.
 -ABANDON EXISTING BACK-LOOP CONDUIT UP TO HANDHOLE AT INTERSECTION.
 -INSTALL NEW CONDUIT FROM HANDHOLE AT INTERSECTION TO NEW BACK-LOOP HANDHOLE.
 -REPLACE 2/C WIRE FROM HANDHOLE AT INTERSECTION TO BACK-LOOPS.

(B) SIGNAL HEAD REPLACEMENT NOTES:
 -ALL TRAFFIC SIGNAL HEADS SHALL BE REPLACED WITH L.E.D. (LIGHT EMITTING DIODE) WHERE SIGNAL HEADS ARE TO BE REPLACED.
 -EXISTING CABLES SHALL BE USED.

CCHD DOES NOT GUARANTEE THE ACCURACY OF THESE PLANS. THE RECIPIENT IS REQUIRED TO FIELD CHECK THE EXISTING INSTALLATION TO VERIFY THE EQUIPMENT LOCATIONS

- CCHD TRAFFIC SIGNAL NOTES**
- 1) THE CONTRACTOR SHALL INFORM THE CCHD DESIGN ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.
 - 2) THE CONTRACTOR SHALL MARK LOCATIONS OF LOOPS AND CONTACT CCHD DESIGN ENGINEER AT (312) 603-1730 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.
 - 3) THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE 1-800-892-0123.
 - 4) IT IS CONTRACTOR'S RESPONSIBILITY TO LOCATE EXISTING TRAFFIC SIGNAL CABLES AND CONDUITS.
 - 5) ALL ELECTRICAL CABLE SHOULD HAVE POLYVINYL CHLORIDE JACKET.
 - 6) CONDUITS UNDER ROADWAYS AND DRIVEWAYS SHOULD BE INSTALLED IN TRENCH BEFORE PAVEMENT IS PLACED.
 - 7) THE CORNERS OF ALL NEW DETECTOR LOOPS SHALL BE CORE DRILLED INCLUDING PAVEMENT JOINTS AND CRACK.
 - 8) CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, MAGNETIC DETECTORS AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUIT AND/OR EQUIPMENT IS DAMAGED THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUIT AND/OR EQUIPMENT AT NO COST TO THE COUNTY AND VILLAGE.

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.

NOTE:
 ALL NEW AND REPLACED TRAFFIC SIGNAL HEADS, AND ALL PEDESTRIAN HEADS SHALL BE L.E.D. (LIGHT EMITTING DIODE)

FILE NAME = 0824-PLAN-02 - IDOT P01	USER NAME =	DESIGNED - MRS	REVISD - 10-13-09 *
		CHECKED - PKB	REVISD -
		DRAWN - PS	REVISD -
		CHECKED - AG	REVISD -
	PLOT SCALE =		
	PLOT DATE = 10-13-09		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED EMERGENCY VEHICLE PREEMPTION
 154TH STREET & GREENWOOD ROAD
 TRAFFIC SIGNAL PLAN**

SCALE: AS SHOWN SHEET NO. 4 OF 43 SHEETS STA. TO STA.

F.A.U. RTE. 1607	SECTION 08-00114-00-TL	COUNTY COOK	TOTAL SHEETS 43	SHEET NO. 4
CONTRACT NO. 63317				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT ARA-9003(336)				

* ADDED EV PREEMPTION LOCATION NO. 1