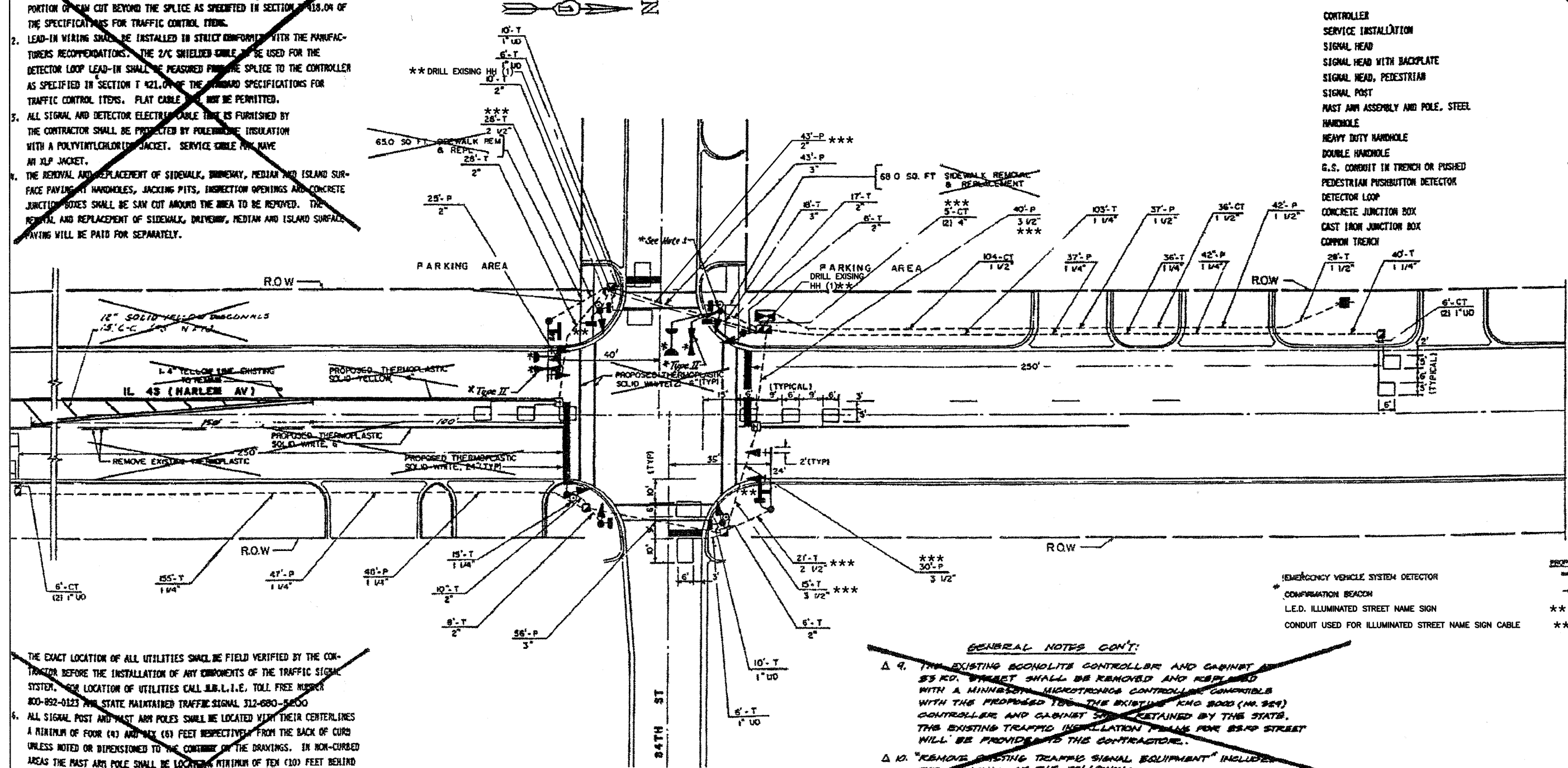




- FACTURERS RECOMMENDATIONS. THE DETECTOR LEAD-IN SHALL BE MEASURED FROM PORTION OF CABLE CUT BEYOND THE SPLICE AS SPECIFIED IN SECTION 1118.04 OF THE SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.
- LEAD-IN WIRING SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURERS RECOMMENDATIONS. THE 2/C SHIELDED CABLE TO BE USED FOR THE DETECTOR LOOP LEAD-IN SHALL BE MEASURED FROM THE SPLICE TO THE CONTROLLER AS SPECIFIED IN SECTION 1421.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. FLAT CABLE SHALL NOT BE PERMITTED.
- ALL SIGNAL AND DETECTOR ELECTRICAL CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET. SERVICE CABLE MAY HAVE AN ALP JACKET.
- THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING, HANDHOLES, JACKING PITS, INSPECTION OPENINGS AND CONCRETE JUNCTION BOXES SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.



- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATION OF UTILITIES CALL M.B.L.I.E. TOLL FREE NUMBER 800-892-0123 AND STATE MAINTAINED TRAFFIC SIGNAL 312-680-5000
- ALL SIGNAL POST AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY OF THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHOULD BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF THE SHOULDER.
- THE RESIDENT ENGINEER SHALL MARK LOCATIONS OF ALL DETECTOR LOOPS AND CONTACT THE I.D.O.T. AREA TRAFFIC SIGNAL ENGINEER AT 834-4139 FOR LOCATION APPROVAL PRIOR TO THE CUTTING OF THE LOOPS.
- ONE OF THE BASE COORDINATING UNITS SHALL BE INSTALLED AT THE INTERSECTION OF 83RD STREET WITH ILL RTE 43 TO COORDINATE WITH THE OTHER TIME BASE COORDINATING UNITS ALONG ILL RTE 43. IDG UNITS SHALL BE MINNESOTA MICROTRONICS COMPATIBLE.

NOTE:
EXISTING SIGNAL POST TO BE REPLACED WITH NEW 18-FOOT SIGNAL POST ON EXISTING FOUNDATION. RELOCATION OF ANY EXISTING SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, OR PEDESTRIAN PUSHBUTTONS WILL BE PAID FOR SEPARATELY. RELOCATION OF ANY SIGNS MOUNTED TO THE POST SHALL BE INCIDENTAL. THE BRACKET DETECTOR SHALL BE BRACKET MOUNTED TO THE TOP OF THE NEW POST. SALVAGE VALUE OF THE EXISTING POST SHALL BE INCLUDED IN THE PRICE OF THE PAY ITEM "TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT."
* THESE ITEMS INCLUDED IN CONTRACT FOR INSTALLATION OF EMERGENCY VEHICLE PREEMPTION EQUIPMENT.

GENERAL NOTES CONT:

~~Δ 9. THE EXISTING ECHOLITE CONTROLLER AND CABINET ON 83RD STREET SHALL BE REMOVED AND REPLACED WITH A MINNESOTA MICROTRONICS CONTROLLER COMPATIBLE WITH THE PROPOSED TSC. THE EXISTING KING 8000 (NR 929) CONTROLLER AND CABINET SHALL BE RETAINED BY THE STATE. THE EXISTING TRAFFIC SIGNAL EQUIPMENT FOR 83RD STREET WILL BE PROVIDED TO THE CONTRACTOR.~~

~~Δ 10. "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" INCLUDES THE REMOVAL OF THE FOLLOWING:
2 EACH MAGNETIC DETECTOR AMPLIFIER } SEE IL 43 (HARLEM AV) &
2 EACH MAGNETIC DETECTOR } 83RD ST. REVISED PLAN.~~

** THIS PLAN IS FOR THE PURPOSE OF INSTALLING L.E.D. ILLUMINATED STREET NAME SIGNS AS SHOWN PER PLAN. ALL OTHER EQUIPMENT SHALL BE DISREGARDED.

LOCATION NO. 8

FILE NAME = 0741_02-PLAN-SIGN-01 - IDOT P12	USER NAME =	DESIGNED = MRS	REVISED =	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HARLEM AVENUE BEAUTIFICATION TRAFFIC SIGNAL MODIFICATION PLAN IL ROUTE 43 (HARLEM AV) AND 84TH STREET	F.A.P. RTE. = 348	SECTION = 07-00055-01-SG	COUNTY = COOK	TOTAL SHEETS = 55	SHEET NO. = 37		
	CHECKED = PKB	REVISIONS =				SCALE: 1"=20'	SHEET NO. 37 OF 55 SHEETS	STA. TO STA.	CONTRACT NO. 63510			
	PLOT SCALE =	DRAWN = RG	REVISED =						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT HPP-3482(001)			
	PLOT DATE = 10-21-10	CHECKED = AG	REVISED =									