

GENERAL NOTES

- 1- ALL DETECTOR LOOPS SHALL CONSIST OF THE NUMBER OF TURNS REQUIRED AND SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE LOOP DETECTOR AMPLIFIER MANUFACTURERS RECOMMENDATIONS. THE DETECTOR LOOP SHALL BE MEASURED FOR THAT PORTION OF SAW CUT BEYOND THE SPLICE AS SPECIFIED IN SECTION T 418.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS
- 2- LEAD-IN WIRING SHALL BE INSTALLED IN STRICT CONFORMITY WITH THE MANUFACTURERS RECOMMENDATIONS. THE 2/0 SHIELDED CABLE TO BE USED FOR THE DETECTOR LOOP LEAD-IN SHALL BE MEASURED FROM THE SPLICE TO THE CONTROLLER AS SPECIFIED IN SECTION T 421.04 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. FLAT CABLE WILL NOT BE PERMITTED.
- 3- ALL ELECTRIC CABLE THAT IS FURNISHED BY THE CONTRACTOR SHALL BE PROTECTED BY POLYETHYLENE INSULATION WITH A POLYVINYLCHLORIDE JACKET UNLESS OTHERWISE SPECIFIED.
- 4- THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT 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.
- 5- 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 JULIE TOLL FREE NUMBER 800-892-0123.
- 6- ALL SIGNAL POSTS 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 ON 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 A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF SHOULDER.
- 7- TIME BASE COORDINATING DEVICES SHALL BE INSTALLED IN THE EXISTING CONTROLLER CABINETS AT THE INTERSECTIONS OF CICERO AVE. WITH 111TH ST. AND CICERO AVE. WITH 115TH ST. AS WELL AS THE PROPOSED CONTROLLER CABINET AT CICERO AVE. WITH THE BANK ENTRANCE. ALL MODIFICATIONS TO THE EXISTING CONTROLLER CABINETS AND CONTROLLERS WHICH MAY BE REQUIRED TO PROVIDE OPERATING COMPATIBILITY WITH THE EXISTING CONTROLLERS WILL BE CONSIDERED INCIDENTAL TO FURNISHING AND INSTALLING THE TIME BASE COORDINATING DEVICES AND SEPARATE PAYMENT WILL NOT BE MADE FOR THIS WORK. THE CONTRACTOR SHALL NOTIFY THE AREA TRAFFIC SIGNAL ENGINEER (I.D.O.T. 884-4139) AND THE STATE MAINTENANCE CONTRACTOR (378-2800) THREE (3) WORKING DAYS BEFORE THE TIME BASE COORDINATING DEVICES ARE INSTALLED AT THE EXISTING CONTROLLER CABINETS SO THAT THE MAINTENANCE CONTRACTOR WILL BE IN ATTENDANCE AT THE EXISTING CONTROLLERS WHEN WORK IS DONE IN THEIR CABINETS.
- 8- FOR LOCATION OF ALL LOOPS AT THE INTERSECTION CONTACT THE I.D.O.T. AREA TRAFFIC SIGNAL ENGINEER AT 884-4139 WHO WILL MARK THE PAVEMENT FOR THE CUTTING OF THE LOOPS.

NOTE: SEE SHEET 24 FOR REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT SCHEDULE & CONSTRUCTION NOTES.

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.

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

*** LEGEND FOR 12-12-08 HSIP IMPROVE.**

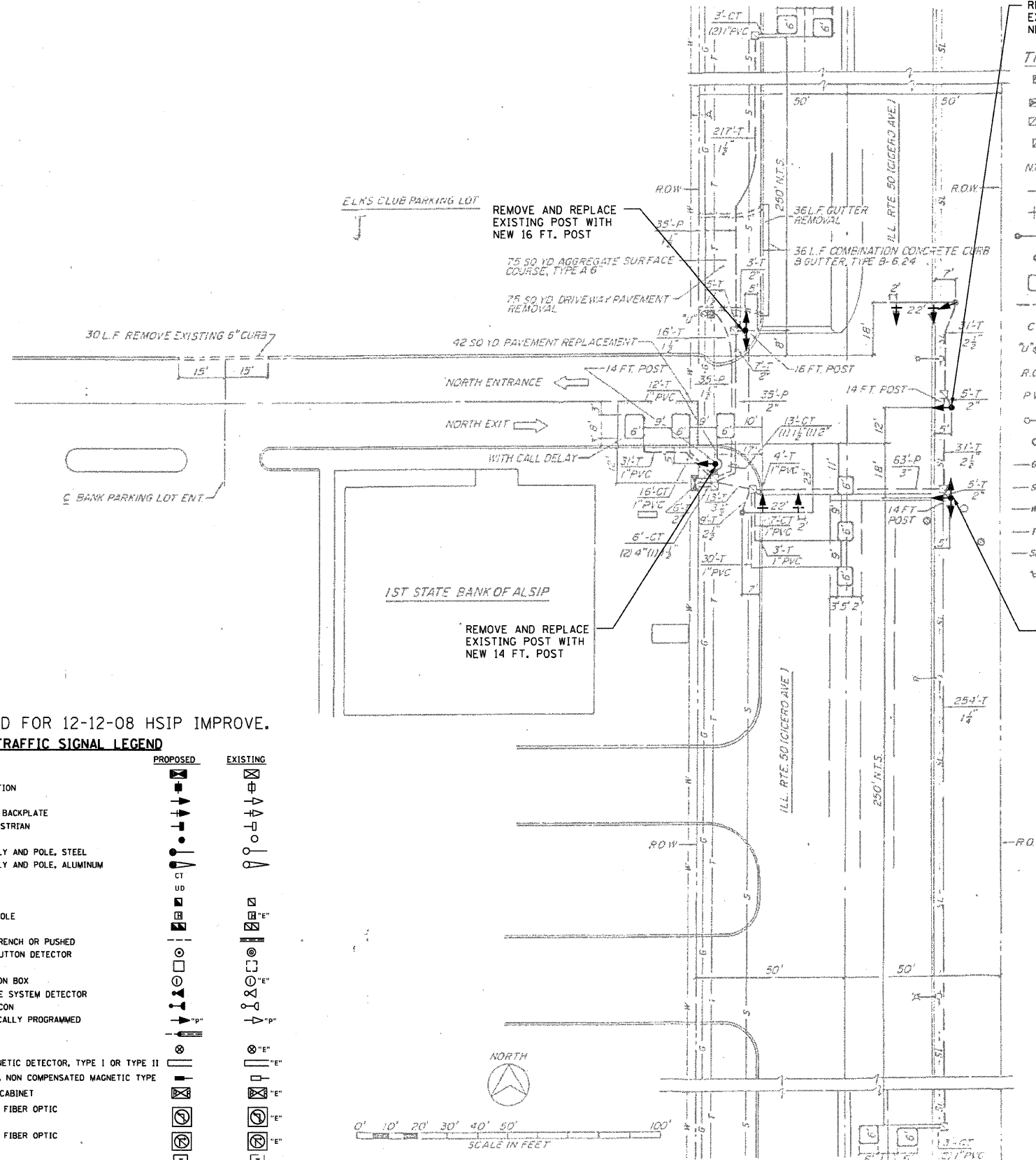
TRAFFIC SIGNAL LEGEND	
PROPOSED	EXISTING
CONTROLLER	
SERVICE INSTALLATION	
SIGNAL HEAD	
SIGNAL HEAD WITH BACKPLATE	
SIGNAL HEAD, PEDESTRIAN	
SIGNAL POST	
MAST ARM ASSEMBLY AND POLE, STEEL	
MAST ARM ASSEMBLY AND POLE, ALUMINUM	
COMMON TRENCH	
UNIT DUCT	
HANDHOLE	
HEAVY DUTY HANDHOLE	
DOUBLE HANDHOLE	
G.S. CONDUIT IN TRENCH OR PUSHED	
PEDESTRIAN PUSHBUTTON DETECTOR	
DETECTOR LOOP	
CAST IRON JUNCTION BOX	
EMERGENCY VEHICLE SYSTEM DETECTOR	
CONFIRMATION BEACON	
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	
ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"	
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"	
TELEPHONE	
UNINTERRUPTED POWER SUPPLY	

REMOVE AND REPLACE EXISTING POST WITH NEW 14 FT. POST

TRAFFIC SIGNAL LEGEND

■	SERVICE INSTALLATION
⊠	CONTROLLER
⊞	DOUBLE HANDHOLE
⊟	HANDHOLE
NTS	NOT TO SCALE
→	SIGNAL HEAD
→	SIGNAL HEAD WITH BACKPLATE
⊙	MAST ARM ASSEMBLY AND POLE, STEEL
○	SIGNAL POST
□	DETECTOR LOOP
---	6.5 CONDUIT IN TRENCH OR PUSHED
CT	COMMON TRENCH
U	UTILITY CO. POLE
R.O.W.	RIGHT OF WAY
PVC	POLYVINYLCHLORIDE
⊠	ROADWAY LIGHTING LUMINAIRE & POLE
○	MANHOLE OR CATCH BASIN
—G—	UNDERGROUND GAS MAIN
—S—	UNDERGROUND SEWER
—W—	UNDERGROUND WATER MAIN
—T—	UNDERGROUND TELEPHONE CABLE
—SL—	UNDERGROUND STREET LIGHTING CABLE
⊕	FIRE HYDRANT

CONTRACTOR SHALL REMOVE AND REPLACE WITH THREE FACE SIGNAL HEAD AND 14 FT. POST PRIOR TO PERFORMING ANY OTHER SIGNAL HEAD REMOVAL AND REPLACEMENT AT THIS INTERSECTION.



**PROPOSED TRAFFIC SIGNALS
ILL. RTE. 50 (CICERO AVE.) &
NORTH ENTRANCE
1ST STATE BANK OF ALSIP**

HARMONY H. C. & S. B. ASSOCIATES
9220 SO. 79TH AVENUE
HICKORY HILLS, ILLINOIS 60437
DRAWN BY: J. J. H. CHECKED BY: J. J. H. DATE: 01/19/10
COMPUTER: J. J. H. APPROVED: J. J. H. DATE: 01/19/10
SHEET ENGINEER OF DESIGN

FILE NAME = *FILE#	USER NAME = *USER#	DESIGNED - JS	REVISED - ---	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 50 (CICERO AVE.) AND ALSIP BANK TRAFFIC SIGNAL MODERNIZATION PLAN	F.A.P. RTE. 350	SECTION 2009-013 TS	COUNTY COOK	TOTAL SHEETS 29	SHEET NO. 23
		PLOT SCALE = *SCALE#	DRAWN - DW			REVISOR - ---	SCALE: N.T.S.	SHEET NO. 23 OF 29 SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT
PLOT DATE = *DATE#	CHECKED - JD	REVISOR - ---	CONTRACT NO. 60G11							
	DATE - -----	REVISOR - ---								