TRAFFIC SIGNAL LEGEND

	PROPOSED	EXISTING
CONTROLLER		
RAILROAD CONTROL CABINET	R R	R R
SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNTED	P	P
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE, STEEL		
MAST ARM ASSEMBLY AND POLE, ALUMINIUM		
COMMON TRENCH	CT	
UNIT DUCT	UD	
HANDHOLE		
HEAVY DUTY HANDHOLE	H	H
DOUBLE HANDHOLE		
G.S.CONDUIT IN TRENCH OR PUSHED		
CAST IRON JUNCTION BOX	"P"	"E"
SIGNAL HEAD OPTICALLY PROGRAMMED	"P"	"P"
CONDUIT SPLICE		"E"
WOOD POLE		"E"
RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II		
VEHICLE DETECTOR, NON COMPENSATED MAGNETIC TYPE		
RAILROAD CONTROL CABINET	R R	R R "E"
ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"		"E"
ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"		"E"
TELEPHONE CONNECTION	T	T
PEDESTRIAN PUSHBUTTON DETECTOR		
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP		
VIDEO DETECTOR	V	V
CLOSED CIRCUIT TV	C	C
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
UNINTERRUPTABLE POWER SUPPLY	B	

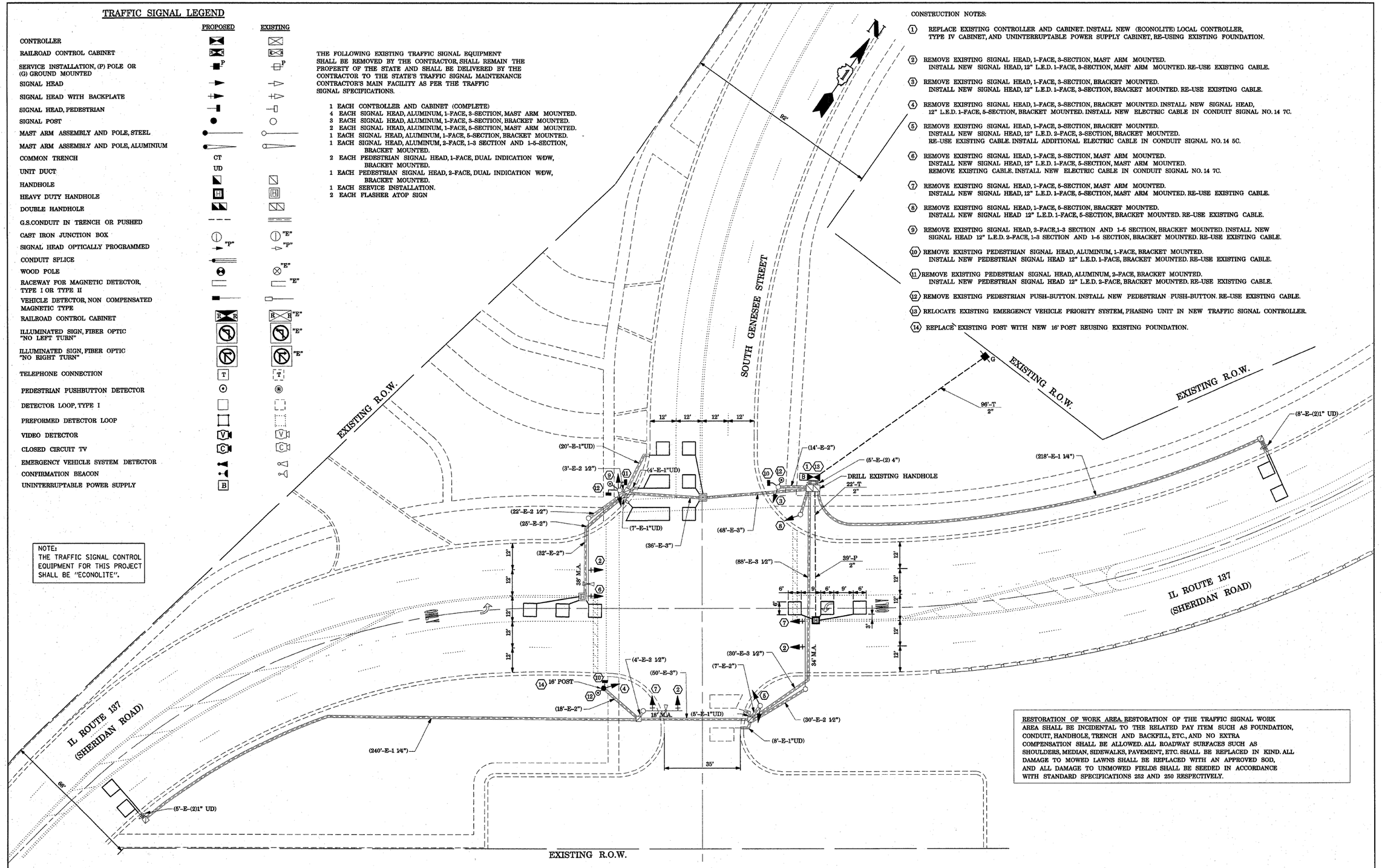
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE STATE AND SHALL BE DELIVERED BY THE CONTRACTOR TO THE STATE'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAIN FACILITY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

1 EACH CONTROLLER AND CABINET (COMPLETE)
4 EACH SIGNAL HEAD, ALUMINUM, 1-FACE, 3-SECTION, MAST ARM MOUNTED.
3 EACH SIGNAL HEAD, ALUMINUM, 1-FACE, 3-SECTION, BRACKET MOUNTED.
2 EACH SIGNAL HEAD, ALUMINUM, 1-FACE, 5-SECTION, MAST ARM MOUNTED.
1 EACH SIGNAL HEAD, ALUMINUM, 1-FACE, 5-SECTION, BRACKET MOUNTED.
1 EACH SIGNAL HEAD, ALUMINUM, 2-FACE, 1-3 SECTION AND 1-5-SECTION, BRACKET MOUNTED.
2 EACH PEDESTRIAN SIGNAL HEAD, 1-FACE, DUAL INDICATION WDW, BRACKET MOUNTED.
1 EACH PEDESTRIAN SIGNAL HEAD, 2-FACE, DUAL INDICATION WDW, BRACKET MOUNTED.
1 EACH SERVICE INSTALLATION.
2 EACH FLASHER ATOP SIGN

NOTE:
THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

CONSTRUCTION NOTES:

1. REPLACE EXISTING CONTROLLER AND CABINET. INSTALL NEW (ECONOLITE) LOCAL CONTROLLER, TYPE IV CABINET, AND UNINTERRUPTABLE POWER SUPPLY CABINET, RE-USING EXISTING FOUNDATION.
2. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED. INSTALL NEW SIGNAL HEAD, 12" L.E.D. 1-FACE, 3-SECTION, MAST ARM MOUNTED. RE-USE EXISTING CABLE.
3. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED. INSTALL NEW SIGNAL HEAD, 12" L.E.D. 1-FACE, 3-SECTION, BRACKET MOUNTED. RE-USE EXISTING CABLE.
4. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED. INSTALL NEW SIGNAL HEAD, 12" L.E.D. 1-FACE, 5-SECTION, BRACKET MOUNTED. INSTALL NEW ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 7C.
5. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED. INSTALL NEW SIGNAL HEAD, 12" L.E.D. 2-FACE, 3-SECTION, BRACKET MOUNTED. RE-USE EXISTING CABLE. INSTALL ADDITIONAL ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 5C.
6. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED. INSTALL NEW SIGNAL HEAD, 12" L.E.D. 1-FACE, 5-SECTION, MAST ARM MOUNTED. REMOVE EXISTING CABLE. INSTALL NEW ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 7C.
7. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED. INSTALL NEW SIGNAL HEAD, 12" L.E.D. 1-FACE, 5-SECTION, MAST ARM MOUNTED. RE-USE EXISTING CABLE.
8. REMOVE EXISTING SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED. INSTALL NEW SIGNAL HEAD 12" L.E.D. 1-FACE, 5-SECTION, BRACKET MOUNTED. RE-USE EXISTING CABLE.
9. REMOVE EXISTING SIGNAL HEAD, 2-FACE,1-3 SECTION AND 1-5 SECTION, BRACKET MOUNTED. INSTALL NEW SIGNAL HEAD 12" L.E.D. 2-FACE, 1-3 SECTION AND 1-5 SECTION, BRACKET MOUNTED. RE-USE EXISTING CABLE.
10. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, ALUMINUM, 1-FACE, BRACKET MOUNTED. INSTALL NEW PEDESTRIAN SIGNAL HEAD 12" L.E.D. 1-FACE, BRACKET MOUNTED. RE-USE EXISTING CABLE.
11. REMOVE EXISTING PEDESTRIAN SIGNAL HEAD, ALUMINUM, 2-FACE, BRACKET MOUNTED. INSTALL NEW PEDESTRIAN SIGNAL HEAD 12" L.E.D. 2-FACE, BRACKET MOUNTED. RE-USE EXISTING CABLE.
12. REMOVE EXISTING PEDESTRIAN PUSH-BUTTON. INSTALL NEW PEDESTRIAN PUSH-BUTTON. RE-USE EXISTING CABLE.
13. RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT IN NEW TRAFFIC SIGNAL CONTROLLER.
14. REPLACE EXISTING POST WITH NEW 16' POST REUSING EXISTING FOUNDATION.



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 = c:\projects\traffic\t070822\i168forest-sg.dgn	USER NAME = kanthaphixaybo	DESIGNED - N.B.	REVISED -
		DRAWN - N.B.	REVISED -
	PLOT SCALE = 20.0000 ' / IN.	CHECKED - D.B.	REVISED -
	PLOT DATE = 12/28/2007	DATE - 12/28/2007	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 137 (SHERIDAN ROAD) AT S. GENESEE STREET

SCALE: 1"=20' | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	D-RD-5	LAKE	30	9
		CONTRACT NO. 60D54		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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