

TRAFFIC SIGNAL LEGEND

- CONTROLLER
- DOUBLE HANDHOLE
- HANDHOLE
- SERVICE INSTALLATION
- SIGNAL HEAD WITH BACKPLATE
- SIGNAL HEAD
- SIGNAL POST
- COMBINATION MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE, 400 WATT
- CONDUIT: "T" TRENCH, "P" PUSHED
- DETECTOR LOOP
- ATS ATTACHED TO STRUCTURE

SCHEDULE OF POLE/MAST ARM ASSEMBLIES

LOCATION	LENGTH	
A	68.0'	S. COMB. MAA. & POLE
B	16.0'	SIGNAL POST
C	64.0'	S. COMB. MAA. & POLE
D	16.0'	SIGNAL POST
E	68.0'	S. COMB. MAA. & POLE
F	16.0'	SIGNAL POST
G	64.0'	S. COMB. MAA. & POLE
H	16.0'	SIGNAL POST

SCHEDULE OF SIGNAL HEAD QUANTITIES

LOCATION	ITEM	UNIT	QUANTITY
2, 3, 8, 12, 13, 18	SH, 1F, 3S, MAM	EACH	6
1, 4, 7, 11, 14, 17	SH, 1F, 5S, MAM	EACH	6
5, 9, 10, 15, 19, 20	SH, 1F, 5S, BM	EACH	6
6, 16	SH, 1F, 3S, BM	EACH	2

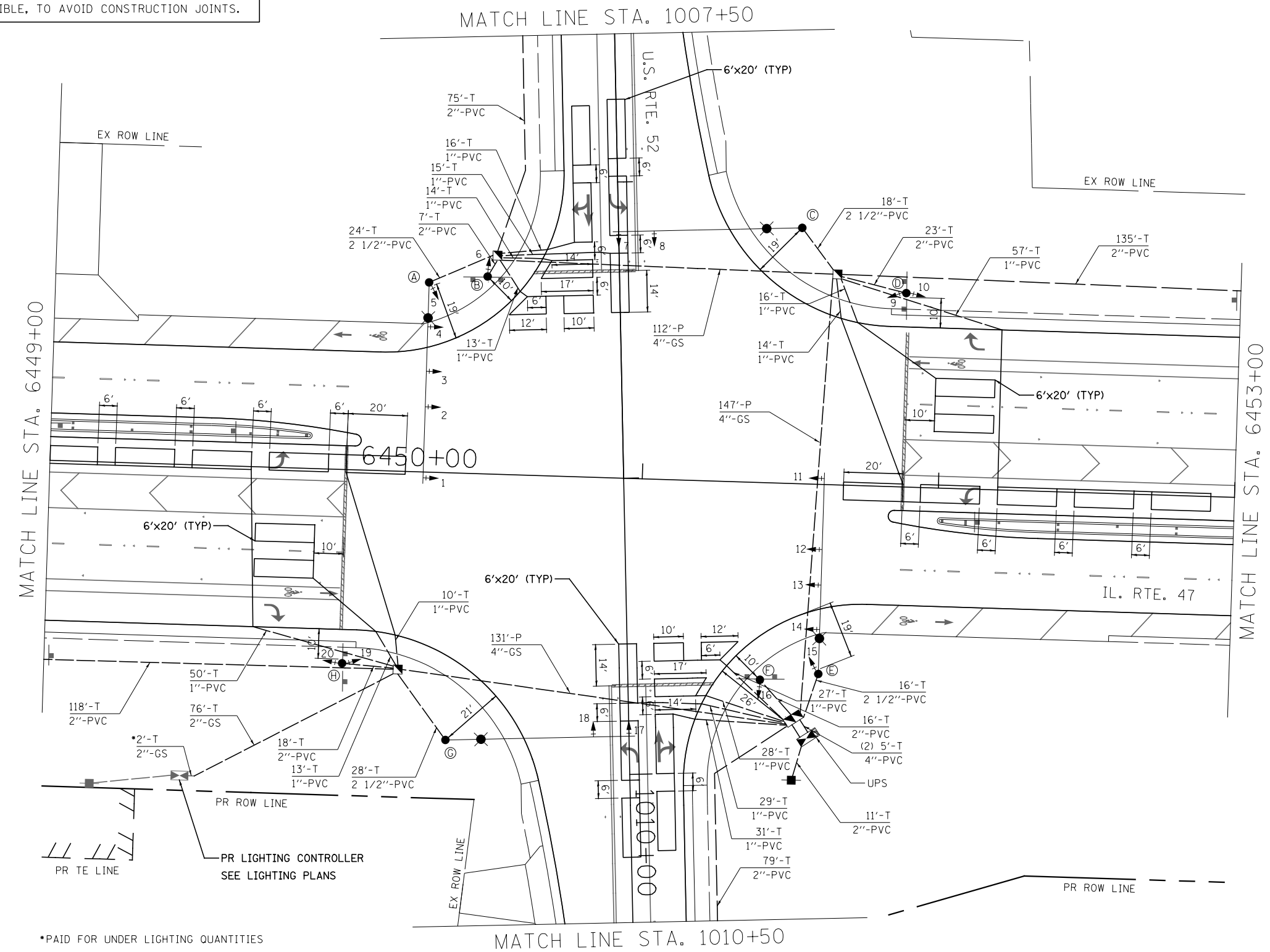
MAST ARM AND POST LOCATIONS		
LETTER	STATION	OFFSET
A	6450+26	64.0' LT
B	6450+46	66.6' LT
C	6451+51	86.4' LT
D	6451+87	65.4' LT
E	6451+61	64.0' RT
F	6451+42	66.6' RT
G	6450+36	90.2' RT
H	6450+01	65.4' RT

NOTE: LOCATIONS OF TRAFFIC SIGNAL POSTS AND MAST ARM ASSEMBLIES MAY BE CHANGED IN THE FIELD AS NECESSARY TO AVOID UTILITIES. THE NEW LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER AND APPROVED BY THE DISTRICT TRAFFIC SIGNAL SECTION TO ENSURE THE NEW LOCATIONS MEET OPERATIONAL OFFSET/CLEAR ZONE REQUIREMENTS AND MAINTAIN PROPER POSITION OF SIGNAL HEADS IN RELATION TO THE TRAVELED LANES.

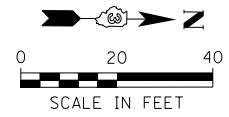
NOTE: REDUCE THE NUMBER OF LEAD-IN CABLES TO REDUCE CUTS IN THE CONCRETE PAVEMENT. PLACE ACCORDING TO PLAN OR AS DIRECTED BY THE ENGINEER. RED TIME FOR LEFT TURNS ON IL. RTE. 47 SHALL GET THE REQUIRED MUTCD RED TIME + ONE SECOND TO ACCOMMODATE U-TURNS.

ALL LIGHTING CABLES WILL BE CONNECTED TO THE PROPOSED LIGHTING CONTROLLER. SEE LIGHTING PLANS.

NOTIFY THE TRAFFIC SIGNAL SECTION AT (815) 434-8506 72 HOURS IN ADVANCE TO REDESIGN THE DETECTOR LOOPS, IF POSSIBLE, TO AVOID CONSTRUCTION JOINTS.



*PAID FOR UNDER LIGHTING QUANTITIES



FILE NAME =	USER NAME = bdecreene	DESIGNED - RC
V:\3195\66884 (North Section)\CAAD Sheets\0366884-sh-t-ts-01.dgn		DRAWN - RC
	PLOT SCALE = 40.0000' / in.	CHECKED - ST
#MODELNAME#	PLOT DATE = 7/14/2014	DATE - 7/01/2014

LE LIN ENGINEERING, LTD.
Consulting Engineers
Westmont, Illinois

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47 AT U.S. RTE. 52
PROPOSED TRAFFIC SIGNAL INSTALLATION

SCALE: 1"=20' SHEET NO. 2 OF 13 SHEETS STA. 6449+00 TO STA. 6453+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(109, 110R-1)	KENDALL	619	352
CONTRACT NO. 66884			ILLINOIS FED. AID PROJECT	