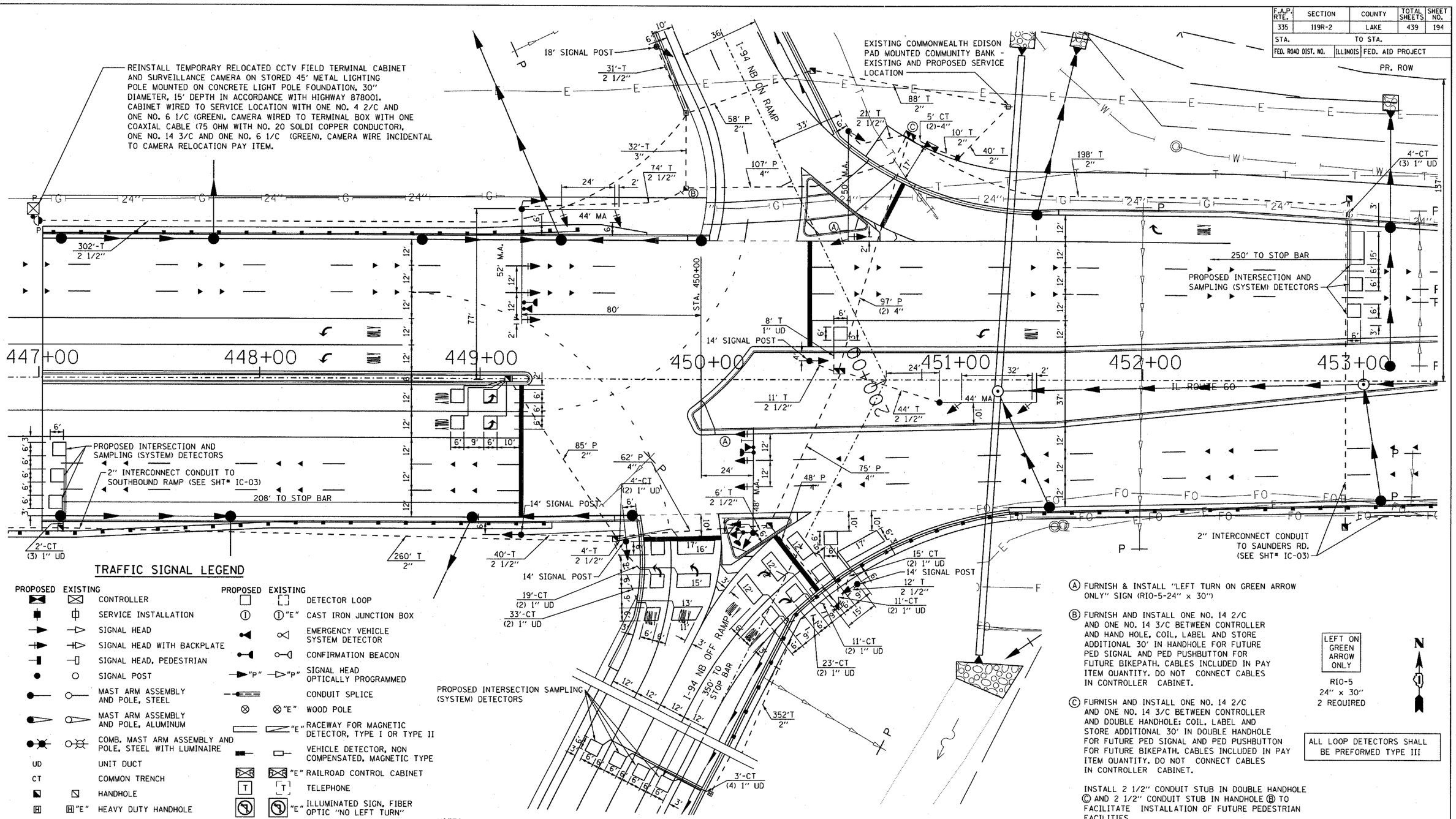
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
335	119R-2	LAKE	439	194
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



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
		COMB. MAST ARM ASSEMBLY AND POLE, STEEL WITH LUMINAIRE
UD		UNIT DUCT
CT		COMMON TRENCH
		HANDHOLE
	"E"	HEAVY DUTY HANDHOLE
		DOUBLE HANDHOLE
		G.S. CONDUIT IN TRENCH OR PUSHED
		PEDESTRIAN PUSH-BUTTON DETECTOR
P	P	UNINTERRUPTIBLE POWER SUPPLY (MOUNT ON BACK OF CONTROL CABINET)

PROPOSED	EXISTING	
		DETECTOR LOOP
	"E"	CAST IRON JUNCTION BOX
		EMERGENCY VEHICLE SYSTEM DETECTOR
		CONFIRMATION BEACON
"P"	"P"	SIGNAL HEAD OPTICALLY PROGRAMMED
		CONDUIT SPLICE
	"E"	WOOD POLE
	"E"	RACEWAY FOR MAGNETIC DETECTOR, TYPE I OR TYPE II
		VEHICLE DETECTOR, NON COMPENSATED, MAGNETIC TYPE
	"E"	RAILROAD CONTROL CABINET
T	T	TELEPHONE
	"E"	ILLUMINATED SIGN, FIBER OPTIC "NO LEFT TURN"
	"E"	ILLUMINATED SIGN, FIBER OPTIC "NO RIGHT TURN"
		SURVEILLANCE CAMERA
		CCTV FIELD TERMINAL CABINET

Ⓐ FURNISH & INSTALL "LEFT TURN ON GREEN ARROW ONLY" SIGN (R10-5-24" x 30")

Ⓑ FURNISH AND INSTALL ONE NO. 14 2/C AND ONE NO. 14 3/C BETWEEN CONTROLLER AND HAND HOLE, COIL, LABEL AND STORE ADDITIONAL 30' IN HANDHOLE FOR FUTURE PED SIGNAL AND PED PUSHBUTTON FOR FUTURE BIKEPATH. CABLES INCLUDED IN PAY ITEM QUANTITY. DO NOT CONNECT CABLES IN CONTROLLER CABINET.

Ⓒ FURNISH AND INSTALL ONE NO. 14 2/C AND ONE NO. 14 3/C BETWEEN CONTROLLER AND DOUBLE HANDHOLE: COIL, LABEL AND STORE ADDITIONAL 30' IN DOUBLE HANDHOLE FOR FUTURE PED SIGNAL AND PED PUSHBUTTON FOR FUTURE BIKEPATH. CABLES INCLUDED IN PAY ITEM QUANTITY. DO NOT CONNECT CABLES IN CONTROLLER CABINET.

INSTALL 2 1/2" CONDUIT STUB IN DOUBLE HANDHOLE Ⓒ AND 2 1/2" CONDUIT STUB IN HANDHOLE Ⓑ TO FACILITATE INSTALLATION OF FUTURE PEDESTRIAN FACILITIES.

LEFT ON GREEN ARROW ONLY

R10-5
24" x 30"
2 REQUIRED

ALL LOOP DETECTORS SHALL BE PREFORMED TYPE III

NOTES:

1. THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.
2. RESTORATION OF WORK AREA: RESTORATION OF THE TRAFFIC WORK AREA SHALL BE INCLUDED IN THE COST OF THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HADNHOLE, TRENCH, AND BACKFILL ETC. AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, 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.

EJM ENGINEERING, INC.
411 South Wells Street Suite 800
Chicago, Illinois 60607

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION
IL RTE 60 & NORTHBOUND I-94 RAMPS

S.N.	DESIGNED BY: JM
SCALE: 1" = 20'	DRAWN BY: PK
DATE: MAY 8, 2007	CHECKED BY: GR