

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
591	(15R)TS	DEKALB-KENDALL	6	4
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

CONSTRUCTION NOTES:

REMOVE AND REPLACE CONTROLLER AND CABINET ON EXISTING FOUNDATION. INSTALL UNINTERRUPTIBLE POWER SUPPLY, EXTENDED AND LIGHTING CONTROLLER PHOTOCELL RELAY.

REMOVE FOUR (4) BRACKET MOUNTED AND NINE (9) MAST ARM MOUNTED 3-SECTION HEADS AND REPLACE WITH LED HEADS.

REMOVE FOUR (4) BRACKET MOUNTED AND FOUR (4) MAST ARM MOUNTED 5-SECTION HEADS AND REPLACE WITH LED HEADS.

REMOVE FOUR (4) ILLUMINATED SIGNS AND REPLACE WITH LED ILLUMINATED SIGNS.

REMOVE AND REPLACE ALL EXISTING SIGNAL CABLE. INCLUDING SIGNAL CABLE BETWEEN THE INTERSECTION, TRAFFIC SIGNAL CONTROLLER, AND ADJACENT B.N.S.F. RAILROAD GATE CONTROLLER.

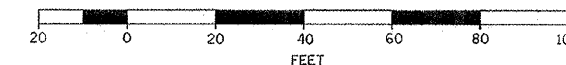
PERFORM LOOP DETECTOR TESTING AND REPLACE LOOPS AS REQUIRED. (A CONTINGENT PAY ITEM QUANTITY HAS BEEN INCLUDED.)

REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:

- 1 EACH - CONTROLLER AND CABINET W/ ALL CONTENTS
- 4 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
- 9 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM MOUNTED
- 4 EACH - SIGNAL HEAD, 1-FACE, 5-SECTION, BRACKET MOUNTED
- 4 EACH - SIGNAL HEAD, 1-FACE, 5-SECTION, MAST ARM MOUNTED
- 4 EACH - ILLUMINATED SIGN

THE TRAFFIC SIGNAL CONTROLLER FURNISHED FOR THIS PROJECT SHALL BE THE MOST CURRENT EAGLE BRAND AND B.N.S.F. RAILROAD APPROVED.

GRAPHIC SCALE

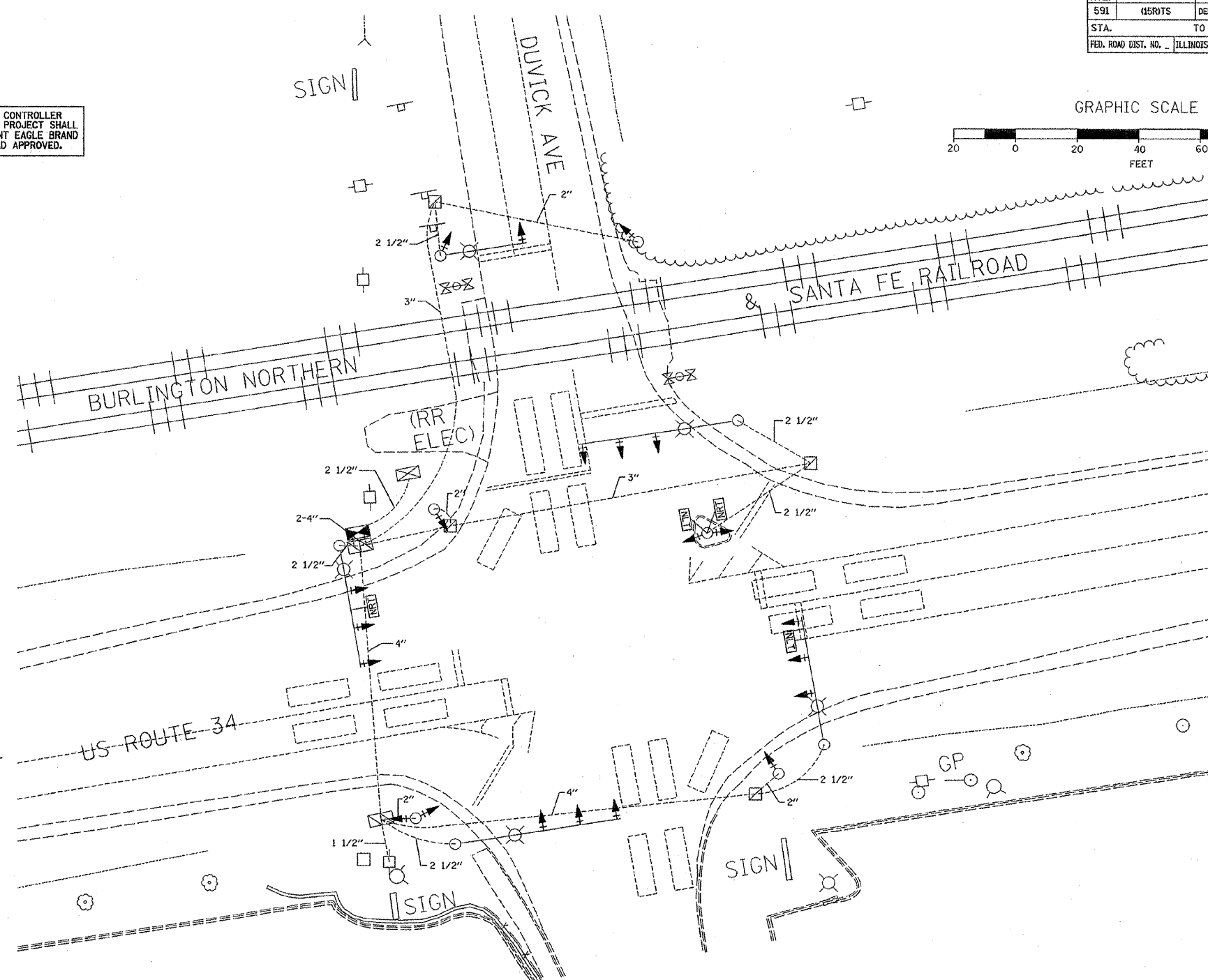


TRAFFIC SIGNALS LEGEND

EXISTING	PROPOSED	
		SERVICE INSTALLATION
		CONTROLLER CABINET
		CONDUIT
		SIGNAL HEAD WITH BACKPLATE
		STEEL MAST ARM
		TRAFFIC SIGNAL POST
		HANDHOLE
		DOUBLE HANDHOLE
		LIGHTING LUMINAIRE
		ILLUMINATED SIGN - R3-1 LED BLANK OUT
		ILLUMINATED SIGN - R3-2 LED BLANK OUT

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL QUANTITY
MOBILIZATION	L SUM	1
TRAFFIC CONTROL AND PROTECTION STANDARD 701501	L SUM	1
TRAFFIC CONTROL AND PROTECTION STANDARD 701701	L SUM	1
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2670
LIGHTING CONTROLLER PHOTOCELL RELAY	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL UNINTERRUPTIBLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	893
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3033
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1659
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	263
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	141
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	4
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	21
INDUCTIVE LOOP DETECTOR	EACH	10
DETECTOR LOOP, TYPE 1	FOOT	245
ILLUMINATED SIGN, LED	EACH	4
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	8659
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C	FOOT	898
ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 16 3 PAIR, TWISTED AND SHIELDED	FOOT	28
LOOP DETECTOR TESTING	EACH	1
RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1



PLOT DATE = 5/07
 FILE NAME = TSP.LANDON
 SHEET NO. = 28
 USER NAME = ARR

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SIGNAL PLAN
 FAP 591 (US 34)
 SECTION (15R)TS
 DEKALB-KENDALL COUNTY

VERT. 1" = 20'
 SCALE: HORIZ. 1" = 20'
 DATE 5/07

DRAWN BY ARR
 CHECKED BY JLS