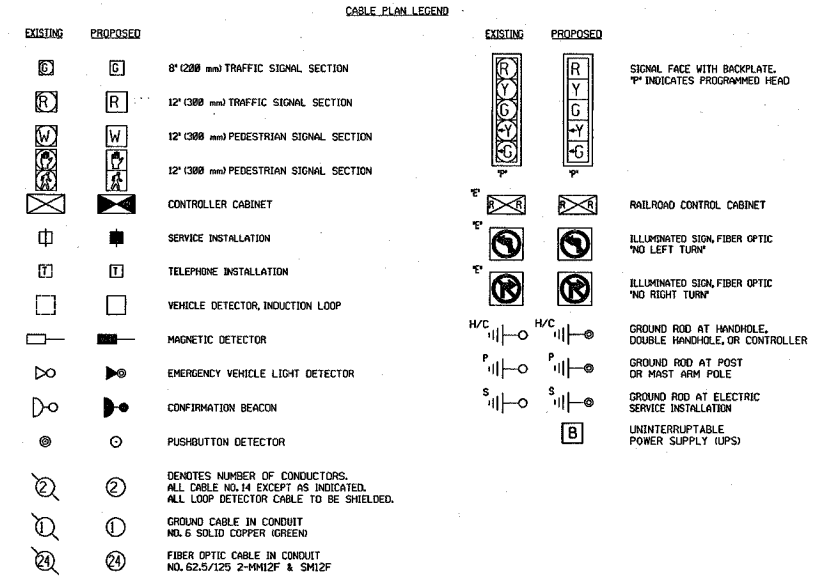


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
346	2005-058-TS	LAKE	23	15
STA.		TO STA.		
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		

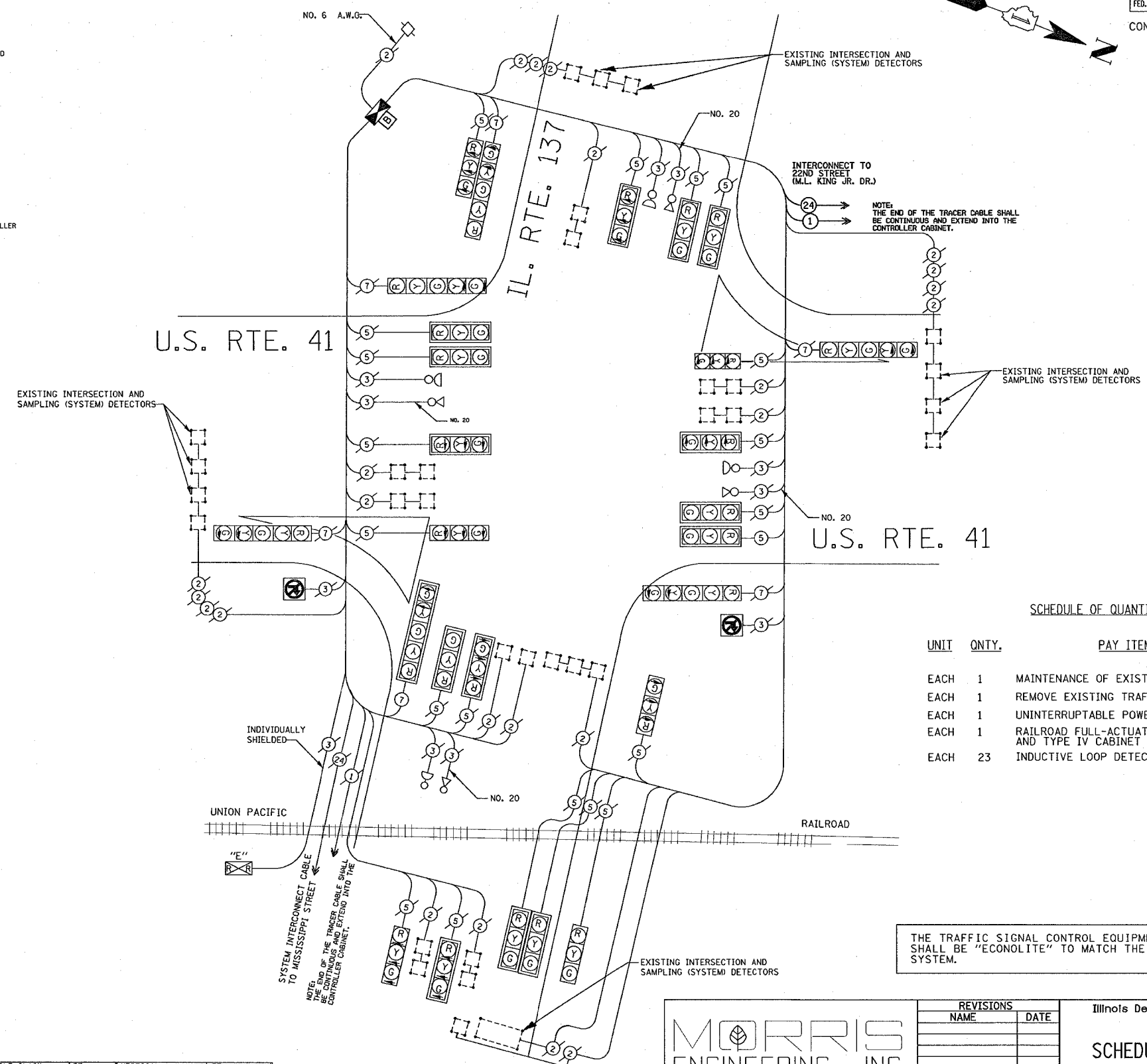
CONTRACT # 60A47



REMOVAL NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE OF THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE:

- 1 EACH, CONTROLLER AND CABINET COMPLETE



NOTE: THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

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

SCHEDULE OF QUANTITIES

UNIT	QNTY.	PAY ITEM
EACH	1	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
EACH	1	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
EACH	1	UNINTERRUPTIBLE POWER SUPPLY
EACH	1	RAILROAD FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)
EACH	23	INDUCTIVE LOOP DETECTOR

I. D. O. T.				TOTAL WATTAGE
TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. LAMPS	WATTAGE INCANDESCENT	% OPERATION	
SIGNAL (RED)	24	17	0.50	204.0
(YELLOW)	24	25	0.25	150.0
(GREEN)	24	15	0.25	90.0
ARROW	8	12	0.10	9.6
PED. SIGNAL	25	25	1.00	100.0
CONTROLLER	1	100	1.00	100.0
ILLUM. SIGN	2	84	0.05	
FLASHER				0.50
TOTAL =				553.6

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER ST.
SCHAMBERG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: LARRY WOODLE
PHONE: (815) 724-5674
COMPANY: COM. EDISON

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT.	VERTICAL	FT.
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20' +L-2'
E - M. ARM POLE	2 (1.0)	SIGNAL POST	2 (1.0)	BRACKET MOUNTED	1 (6m) - 0.5m
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	PED. PUSHBUTTON	4 (1.2)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	ILLUM. SIGN	4 (1.2)
		ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		ELECTRIC SERVICE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
		GROUND CABLE	1 (0.5)	POST MOUNTED	6 (1.8)

MORRIS ENGINEERING, INC.

5100 S. LINCOLN AVE. (RTE. 53)
LISLE, IL 60532-2119
PHONE: 630-271-0770
FAX: 630-271-0774

REVISIONS	
NAME	DATE

Illinois Department of Transportation
DISTRICT 1

**SCHEDULE OF QUANTITIES
CABLE PLAN**

U.S. RTE. 41 AND IL. RTE 137

SCALE: N.T.S.
DATE: 1/25/07

DRAWN BY: PRT
DESIGNED BY: RKF
CHECKED BY: JVV

CABLE PLAN