

SCHEDULE OF QUANTITIES

PAY ITEM	UNIT	QNTY.
SIGN PANEL - TYPE 1	SQ FT	34
SIGN PANEL - TYPE 2	SQ FT	55
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	865
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	315
CONDUIT IN TRENCH, 3" DIA., GALVANIZED STEEL	FOOT	111
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	30
CONDUIT PUSHED, 2" DIA., GALVANIZED STEEL	FOOT	167
CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	30
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	495
HANDHOLE	EACH	2
HEAVY-DUTY HANDHOLE	EACH	11
DOUBLE HANDHOLE	EACH	2
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	1266
TRANSCIVER - FIBER OPTIC	EACH	1
* ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	585
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2718
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1122
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4802
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	56
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 15 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 40 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	45
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 2-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	10
INDUCTIVE LOOP DETECTOR	EACH	13
DETECTOR LOOP, TYPE I	FOOT	1119
* LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
* RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, DETECTOR UNIT	EACH	3
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	14
REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
* EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	585
RAILROAD, FULL-ACTUATED CONTROLLER AND TYPE IV CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNINTERRUPTIBLE POWER SUPPLY	EACH	1
ELECTRIC CABLE IN CONDUIT, GROUND, NO. 6 1C (GREEN)	FOOT	879
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
ELECTRIC CABLE IN CONDUIT, RAILROAD, NO. 14 3C	FOOT	482
REMOVE FIBER OPTIC CABLE FROM CONDUIT	FOOT	1034

* 100% COST TO BARRINGTON-COUNTRYSIDE FIRE PROTECTION DISTRICT

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	18	17		0.50	153
(YELLOW)	18	25		0.25	113
(GREEN)	18	15		0.25	68
ARROW	10	12		0.10	12
PED. SIGNAL	-	25		1.00	-
CONTROLLER	1	100		1.00	100
FLASHER				0.50	
TOTAL =					446

ENERGY COSTS TO: VILLAGE OF LAKE BARRINGTON
23860 N. OLD BARRINGTON RD.
LAKE BARRINGTON, IL 60010
CONTACT: DON PESCE
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COMPANY: COM ED

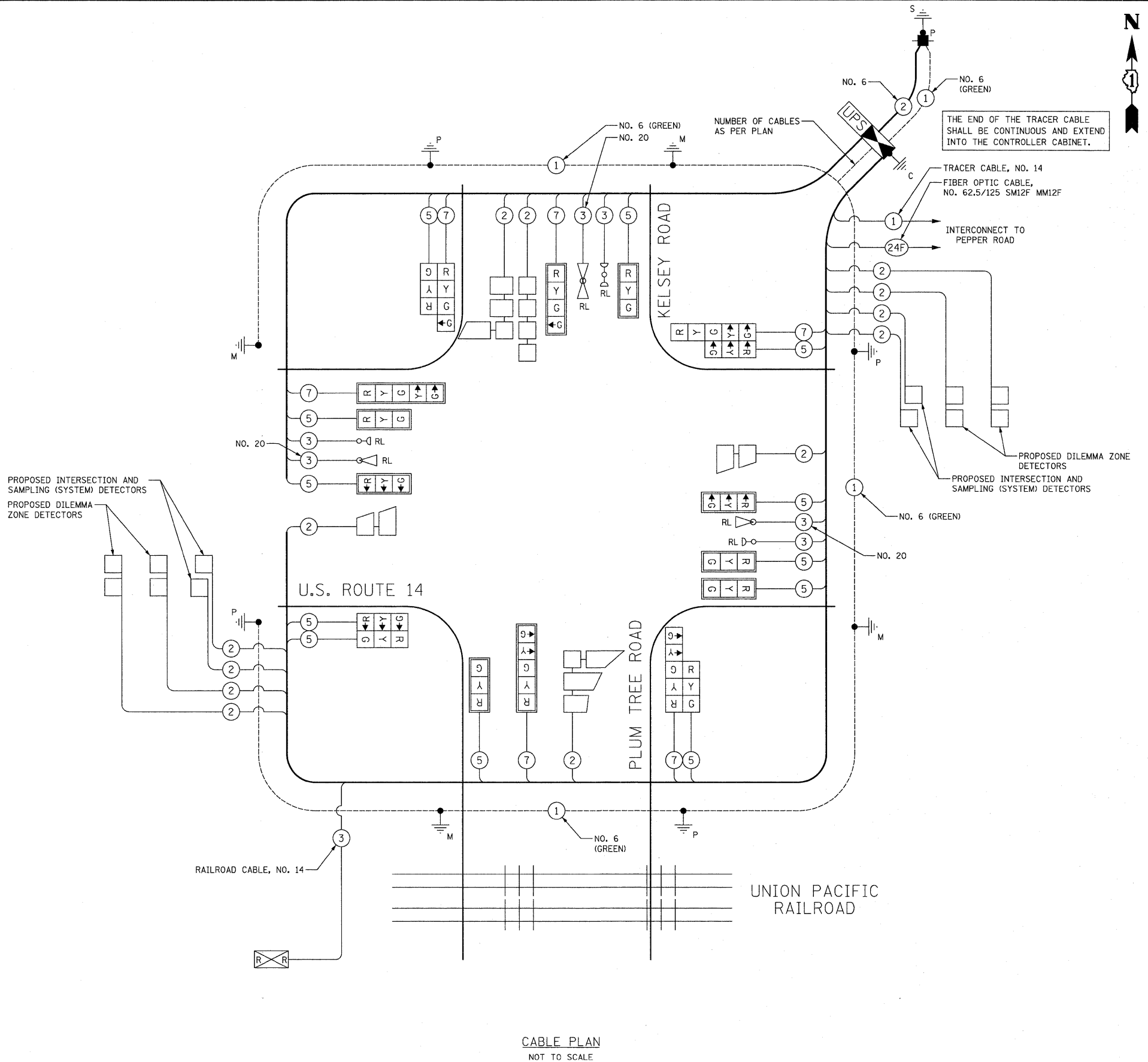
FILE NAME = ...VP141509-07_Cable Plan and SQU.dgn	USER NAME = brd	DESIGNED - BRD	REVISED -
		DRAWN - OJT	REVISED -
		CHECKED - JJE	REVISED -
		DATE - 01/21/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN AND SCHEDULE OF QUANTITIES
U.S. ROUTE 14 AND KELSEY ROAD/PLUM TREE ROAD

SCALE: NOT TO SCALE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 305	SECTION 24R-N-2	COUNTY LAKE	TOTAL SHEETS 43	SHEET NO. 20
CONTRACT NO. 60K17				
ILLINOIS FED. AID PROJECT				



CABLE PLAN
NOT TO SCALE

NOTE:
THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.