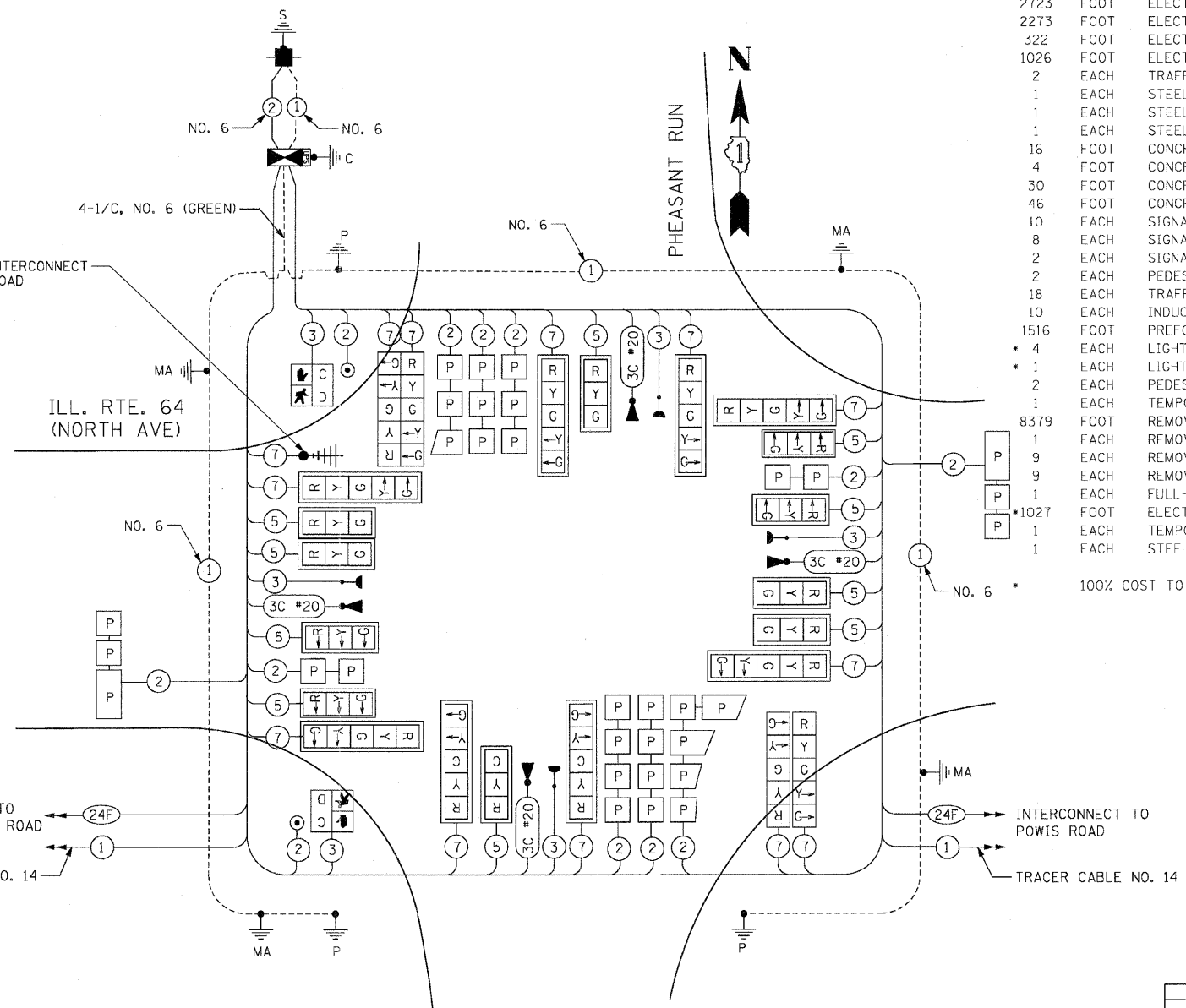
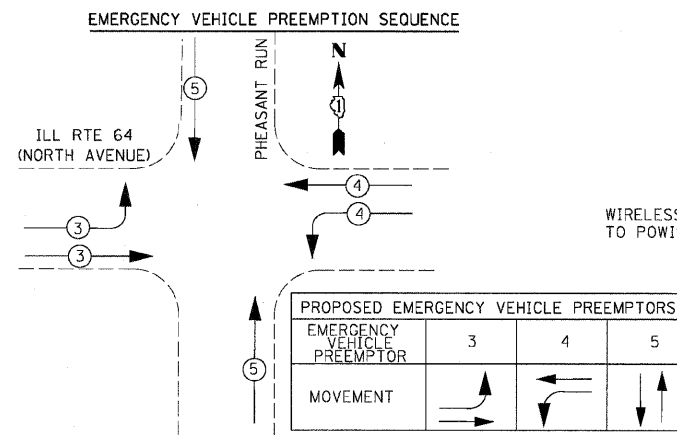
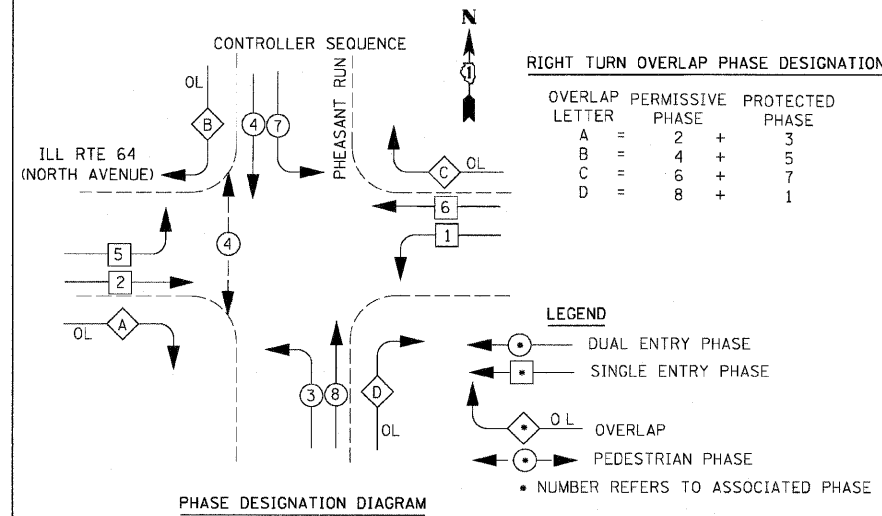


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	361
STA. TO STA.		ILLINOIS FED. AID PROJECT		



SCHEDULE OF QUANTITIES

QTY	UNIT	ITEM DESCRIPTION
2	EACH	SERVICE INSTALLATION - GROUND MOUNTED
1119	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
26	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
57	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
57	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
2	EACH	HANDHOLE
6	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, STANDARD
1	EACH	TRANSCEIVER-FIBER OPTIC
275	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C
1322	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C
2520	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 5C
2723	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 7C
2273	FOOT	ELECTRICAL CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
322	FOOT	ELECTRICAL CABLE IN CONDUIT, SERVICE, NO. 6 2C
1026	FOOT	ELECTRICAL CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
2	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 46 FT. AND 30 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 62 FT.
1	EACH	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 70 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
30	FOOT	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER
46	FOOT	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER
10	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
8	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
2	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED
2	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
18	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
10	EACH	INDUCTIVE LOOP DETECTOR
1516	FOOT	PREFORMED DETECTOR LOOP
4	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER
2	EACH	PEDESTRIAN PUSH-BUTTON
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
8379	FOOT	REMOVE ELECTRICAL CABLE FROM CONDUIT
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
9	EACH	REMOVE EXISTING HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	EACH	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL
1027	FOOT	ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 50 FT. AND 22 FT.

100% COST TO CITY OF ST CHARLES

I.D.O.T
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	18		17	50	153.0
(YELLOW)	18		25	25	112.5
(GREEN)	18		15	25	67.5
ARROW	36		12	10	43.2
PED. SIGNAL	2		25	100	50.0
CONTROLLER	1		100	100	100.0
ILLUM. SIGN	0		25	5	0
FLASHER				50	--
TOTAL =					526.2

ENERGY COSTS TO:
 ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY CONTACT: THOMAS BRUHL
 PHONE: (630) 377-4401
 COMPANY: ST. CHARLES ELECTRICAL DEPARTMENT

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

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.P. ROUTE 307 (ILLINOIS ROUTE 64)

**SCHEDULE OF QUANTITIES,
 CABLE PLAN
 ILL ROUTE 64 AND
 PHEASANT RUN ENTRANCE**

SCALE: VERT: NONE
 HORIZ: NONE
 DATE: NOVEMBER 1, 2011

DRAWN BY: JS
 CHECKED BY: WP