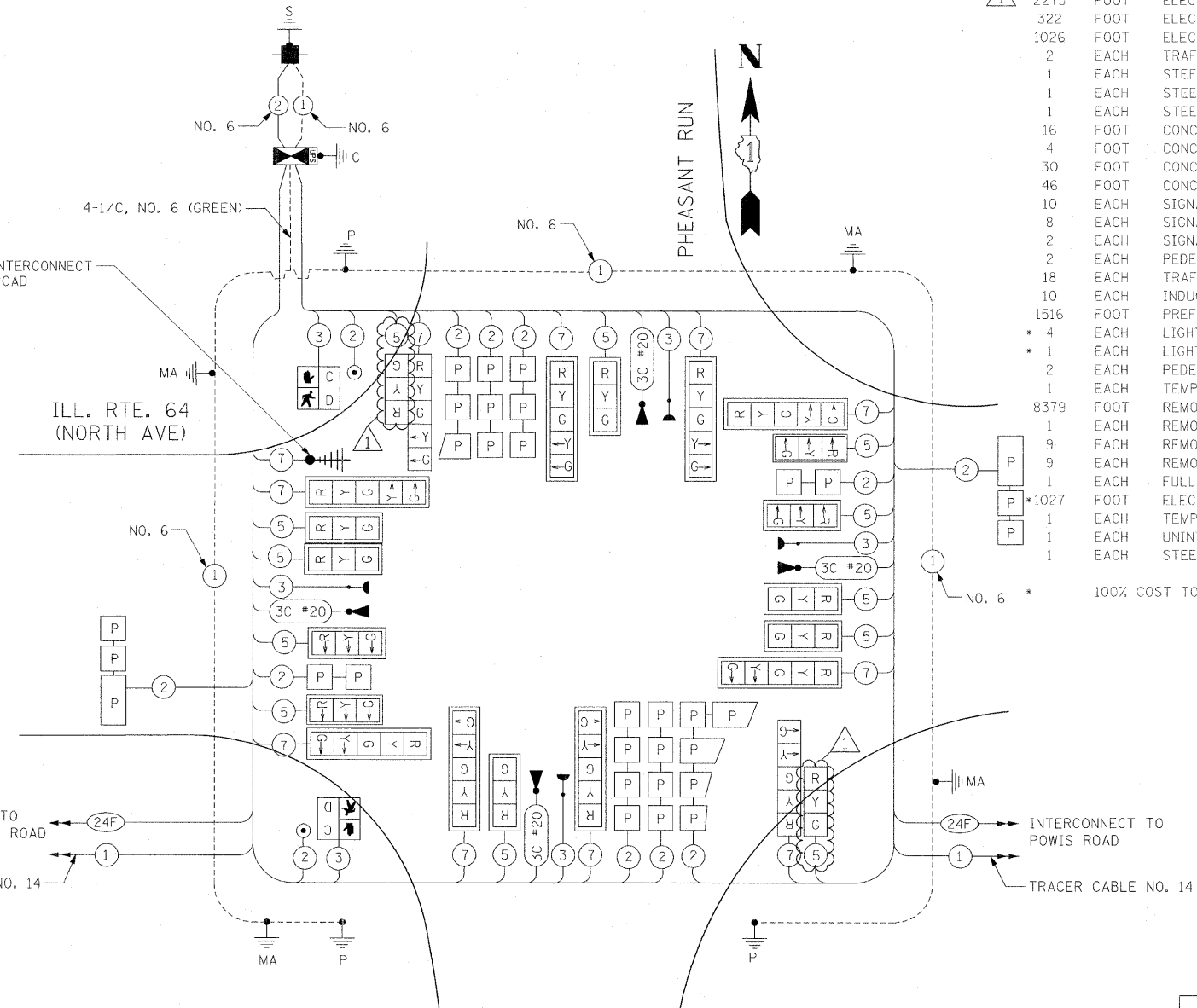
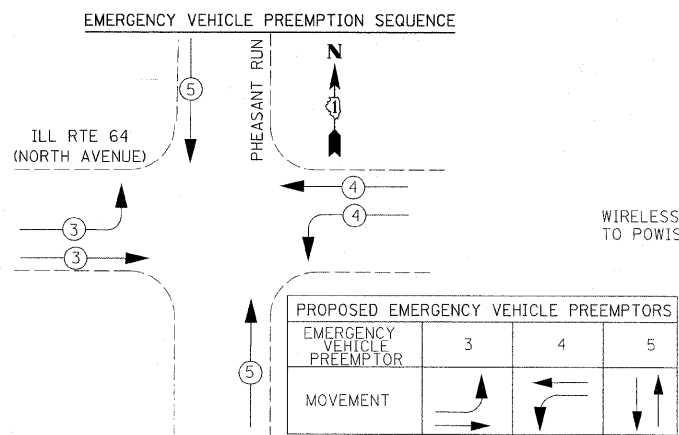
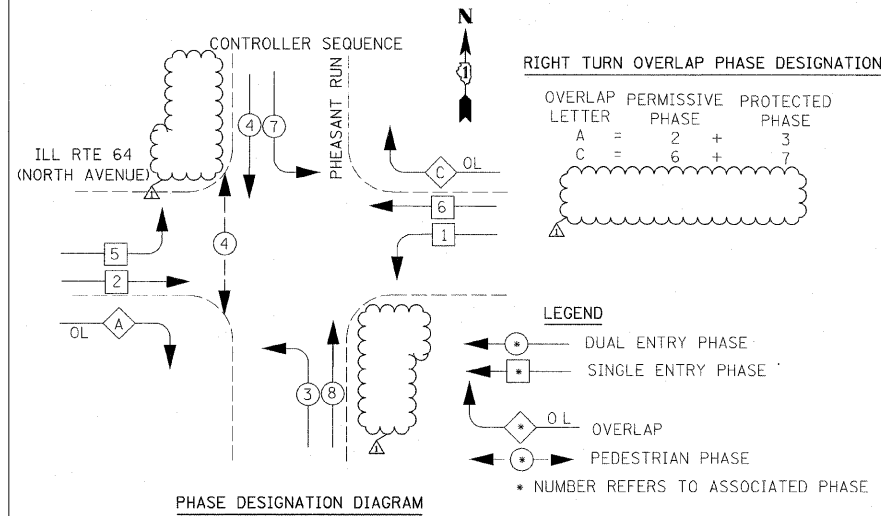


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	361
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410



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.
571	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
2	EACH	HANDHOLE
6	EACH	HEAVY-DUTY HANDHOLE
2	EACH	DOUBLE HANDHOLE
1	EACH	TRANSCIEVER-FIBER OPTIC
275	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 2C
1322	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 3C
2928	FOOT	ELECTRICAL CABLE IN CONDUIT, SIGNAL NO. 14 5C
2315	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, 82 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, 1-3 SECTION, 1-5-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	UNINTERRUPTIBLE POWER SUPPLY SPECIAL
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)	22	17	50	50	187.0
(YELLOW)	22	25	25	25	137.5
(GREEN)	22	15	25	25	82.5
ARROW	20	12	10	10	24.0
PED. SIGNAL	2	25	100	100	50.0
CONTROLLER	1	100	100	100.0	100.0
ILLUM. SIGN	0	25	5	0	0
FLASHER			50		
TOTAL =					581.0

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

CABLE PLAN
 NOT TO SCALE

SEE LIGHTING PLANS FOR LIGHTING DETAILS

REVISIONS

NAME	DATE
ADDENDUM NO. 1	12/23/11

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