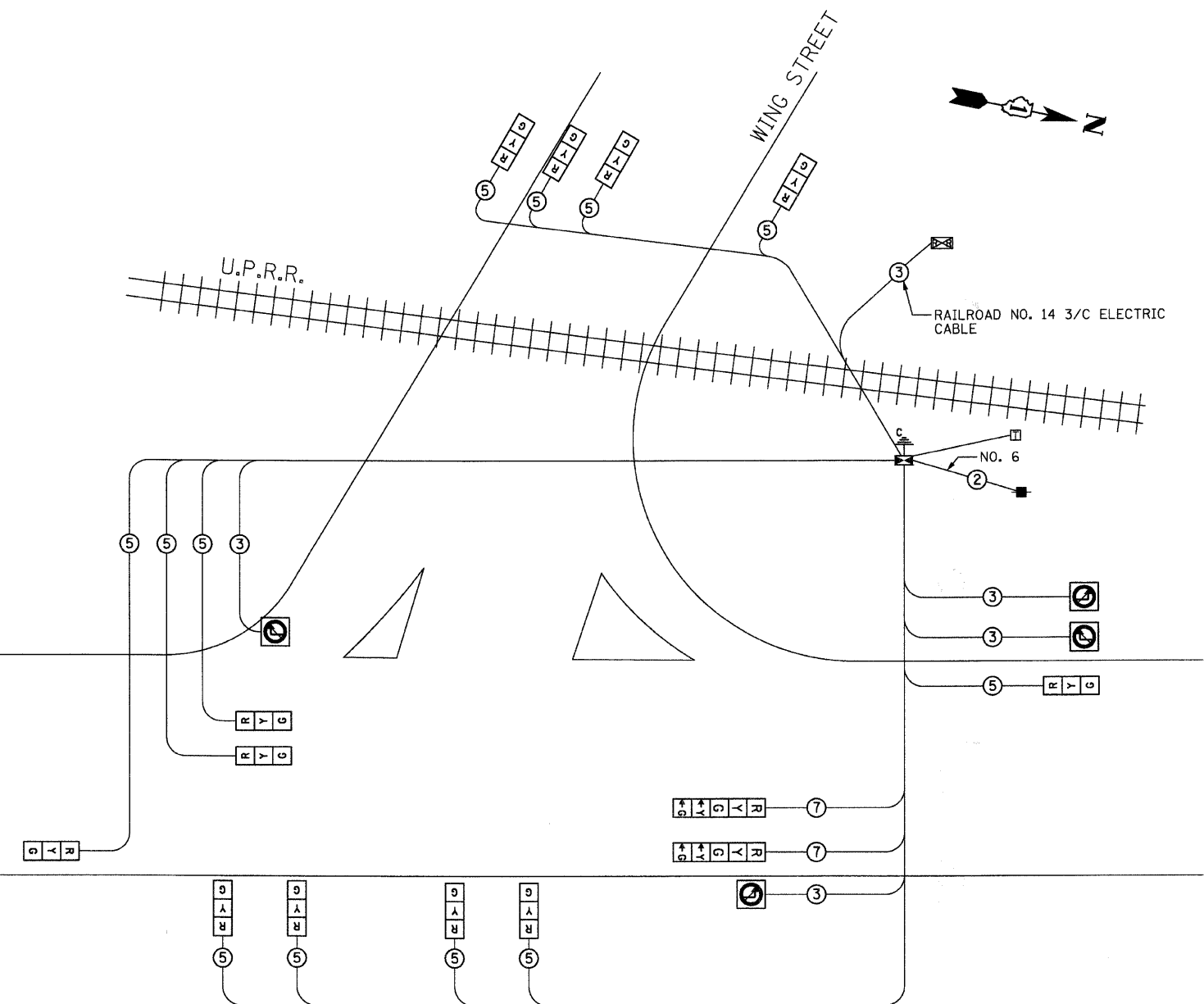


CONTRACT NO.: 83943

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	96-00159-00-CH	KANE	70	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

TEMPORARY CABLE DIAGRAM LEGEND

- R TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION 12" (300 mm)
- X TEMPORARY CONTROLLER CABINET
- + TEMPORARY SERVICE INSTALLATION
- 5 INDICATES NUMBER OF CONDUCTORS IN CABLE. ALL CONDUCTORS TO BE NUMBER 14 AWG WIRE UNLESS OTHERWISE NOTED.
- V EMERGENCY VEHICLE LIGHT DETECTOR
- B CONFIRMATION BEACON
- P PEDESTRIAN PUSHBUTTON DETECTOR
- VEHICLE DETECTOR, INDUCTION LOOP
- P 12" (300mm) PEDESTRIAN SIGNAL SECTION
- M MICROWAVE VEHICLE SENSOR
- I ILLUMINATED SIGN
- R RAILROAD CABINET
- T TELEPHONE CONNECTION



SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
CONDUIT IN TRENCH, 2" DIA., GALVANIZED STEEL	FOOT	24
CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	5
CONDUIT IN TRENCH, 4" DIA., GALVANIZED STEEL	FOOT	7
CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL	FOOT	50
HANDHOLE	EACH	1
DOUBLE HANDHOLE	EACH	1
TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	76
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	3
REMOVE EXISTING CONCRETE FOUNDATION	EACH	5
TEMPORARY TRAFFIC SIGNAL TIMINGS	EACH	1

TEMPORARY CABLE PLAN

2/11/2008 H:\ELGIN\12901\DESIGN\GN\31 TEMP\CABLE.DGN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND.)	LED	% OPERATION	
SIGNAL (RED)	14	135	17	0.50	945.00
(YELLOW)	14	135	25	0.25	472.50
(GREEN)	14	135	15	0.25	472.50
ARROW	4	135	12	0.10	54.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN	4		25	0.05	5.00
TOTAL =					2049.00

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION  
201 WEST CENTER COURT  
SCHAMBURG, ILLINOIS 60196-1096  
CONTACT: KATHY NYSTROM  
PHONE: (847) 816-5489  
COMPANY: COM. ED.

RESTORATION OF WORK AREA. RESTORATION OF THE TRAFFIC SIGNAL WORK AREA WILL BE INCIDENTAL TO THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL, ETC., AND NO EXTRA COMPENSATION WILL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD. AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

**RHA&A**  
Robert H. Anderson & Associates, Inc.  
Consulting Engineers  
Timbers Professional Center  
220 West River Drive, St. Charles, IL 60174  
Phone - 630.584.3530 Fax - 630.584.3047

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
ILLINOIS ROUTE 31 AND WING STREET  
  
TEMPORARY CABLE PLAN  
  
SCALE: VERT. HORIZ. NONE  
DATE: FEBRUARY 13, 2008  
DRAWN BY: CMC  
DESIGN BY: CMC  
CHECKED BY: JS