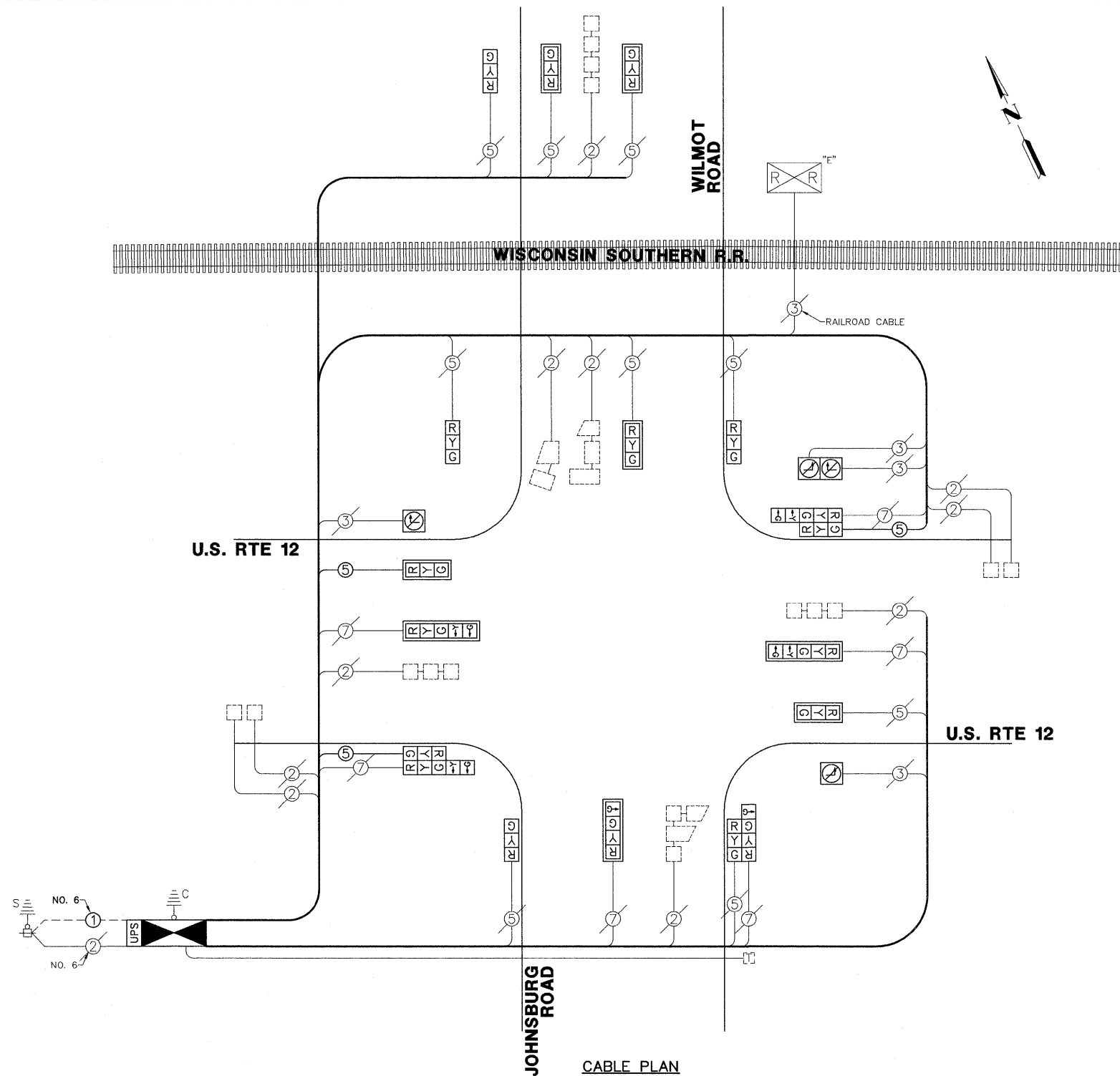


**SCHEDULE OF QUANTITIES**

U.S. RTE 12 AT WILMOT ROAD/JOHNSBURG ROAD

NO.	QUANT.	UNIT
1.	1	CAL MO ENGINEER'S FIELD OFFICE, TYPE A
2.	1	EACH MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
3.	511	FOOT ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 14 5C
4.	5	EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
5.	4	EACH SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
6.	1	EACH SIGNAL HEAD, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED
7.	2	EACH SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
8.	1	EACH SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-4 SECTION, BRACKET MOUNTED
9.	2	EACH SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
10.	8	EACH TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINIUM
11.	10	EACH INDUCTIVE LOOP DETECTOR
12.	4	EACH ILLUMINATED SIGN, LED
13.	261	FOOT REMOVE ELECTRIC CABLE FROM CONDUIT
14.	1	EACH REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
15.	51.40	SQ FT TEMPORARY INFORMATION SIGNING
16.	1	EACH RAILROAD FULL-ACTUATED CONTROLLER AND TYPE IV CABINET
17.	1	EACH UNINTERRUPTIBLE POWER SUPPLY
18.	85	FOOT ELECTRIC CABLE IN CONDUIT, GROUNDING, NO. 6 1C
19.	0.50	L SUM RAILROAD PROTECTIVE LIABILITY INSURANCE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		% OPERATION	
SIGNAL (RED)	18	135	17	0.50	153.0
SIGNAL (YELLOW)	18	135	25	0.25	112.5
SIGNAL (GREEN)	18	135	15	0.25	67.5
ARROW	10	135	12	0.10	12.0
PED. SIGNAL	-	90	25	L00	-
CONTROLLER	1	-	100	L00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	L00	-
BATTERY BACKUP	1	-	25	L00	25.0
ILLUMINATED SIGN	4	-	25	0.05	5.0
TOTAL =					475.0

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "NTCIP" COMPLIANT.

Restoration of Work Area. Restoration of the traffic signal work area shall be incidental to the related pay items such as foundation, conduit, handhole, trench and backfill, etc., and no extra compensation shall 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.

ENERGY COSTS - BILLED TO: IDOT - DISTRICT 1  
(ADDRESS) 201 W. CENTER COURT  
(ADDRESS) SCHAUMBURG, IL 60196-1096  
ENERGY SUPPLY - CONTACT: KIMBERLY KANGAS  
PHONE: (847) 816-5497  
COMPANY: COM ED - LIBERTYVILLE

FILE NAME = 4085.859-TR1.dwg	USER NAME = GHA	DESIGNED - JRD	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>CABLE PLAN AND SCHEDULE OF QUANTITIES U.S. ROUTE 12 AT WILMOT ROAD/JOHNSBURG ROAD</b>			FAP RTE 334	SECTION 2009-128-TS	COUNTY McHENRY	TOTAL SHEETS 21	SHEET NO. 11
PLOT SCALE = 1" = .0833'	DATE = 1/27/10	DRAWN - ZCW	REVISED -						SCALE N.A.	SHEET NO.	OF SHEETS	STA.	TO STA.

GHA #4085.859