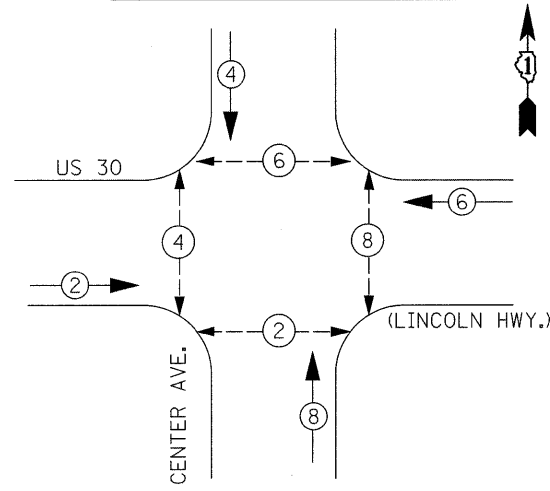


EXISTING TEMPORARY CABLE DIAGRAM LEGEND

- EXISTING**
- TEMPORARY CONTROLLER CABINET
 - TEMPORARY SERVICE INSTALLATION, (P) POLE OR (G) GROUND MOUNT
 - TEMPORARY TRAFFIC SIGNAL SECTION OR PEDESTRIAN SIGNAL SECTION, 12" (300 mm)
 - 12" (300 MM) PEDESTRIAN SIGNAL SECTION
 - ELECTRIC CABLE IN CONDUIT, NO. 14, UNLESS OTHERWISE NOTED. NUMBER OF CONDUCTORS AS NOTED
 - TEMPORARY PEDESTRIAN PUSHBUTTON DETECTOR
 - DETECTOR LOOP, TYPE I
 - PREFORMED DETECTOR LOOP
 - VIDEO DETECTOR
 - EMERGENCY VEHICLE SYSTEM DETECTOR
 - CONFIRMATION BEACON

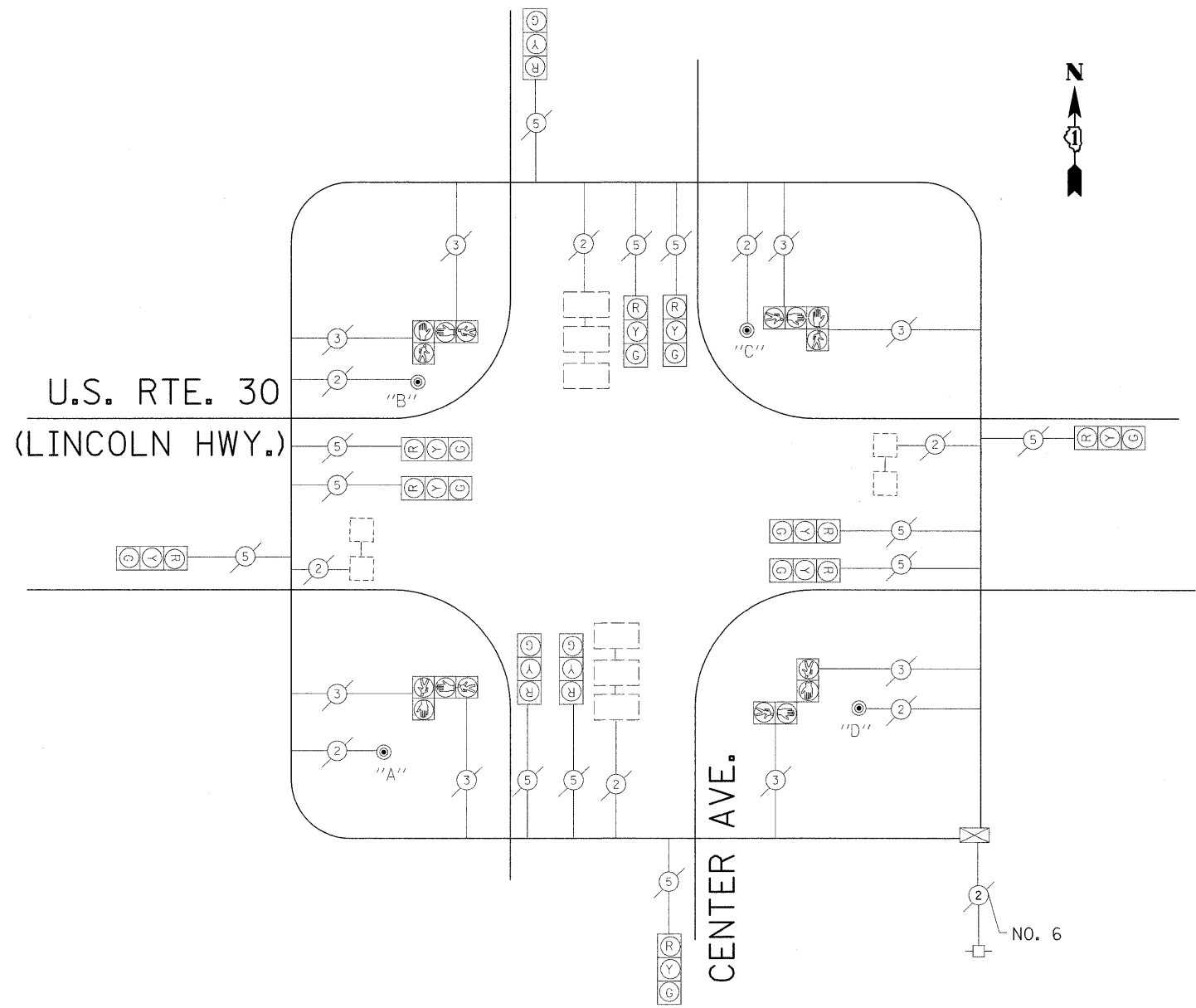
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

- LEGEND**
- DUAL ENTRY PHASE
 - SINGLE ENTRY PHASE
 - OVERLAP
 - PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

U.S. RTE. 30
(LINCOLN HWY.)



EXISTING TEMPORARY CABLE PLAN

NOTE:

- PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.
- PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.
- PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.
- PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND.)	WATTAGE (LED)	% OPERATION	
SIGNAL (RED)	12	135	17	0.50	810.00
(YELLOW)	12	135	25	0.25	405.00
(GREEN)	12	135	15	0.25	405.00
ARROW		135	12	0.10	
PED. SIGNAL	8	90	25	1.00	720.00
CONTROLLER	1	100	100	1.00	100.00
ILLUM. SIGN		84		0.05	
FLASHER				0.50	

ENERGY COSTS TO: **TOTAL = 2440.00**

ILLINOIS DEPARTMENT OF TRANSPORTATION

ENERGY SUPPLY CONTACT: _____
 PHONE: 708-410-5069
 COMPANY: COM. EDISON

FOUNDATION (DEPTH)	FT. (m)	CABLE SLACK	FT. (m)	VERTICAL	FT. (m)
TYPE A - POST	4 (1.2)	HANDHOLE	6.5 (2.0)	ALL FOUNDATIONS	3.5 (1.0)
D - CONTROLLER	4 (1.2)	DOUBLE HANDHOLE	13 (4.0)	MAST ARM (L) POLE	20'-H-2=
E - M. ARM POLE		SIGNAL POST	2 (1.0)	(6m+L-0.6m)=	
24" (600mm)	10 (3.0)	CONTROLLER CAB.	1 (0.5)	BRACKET MOUNTED	13 (4.0)
30" (750mm)	15 (4.6)	FIBER OPTIC	13 (4.0)	PED. PUSHBUTTON	4 (1.2)
36" (900mm)	15 (4.6)	ELECTRIC SERVICE	1 (0.5)	ELECTRIC SERVICE	13.5 (4.1)
		GROUND CABLE	1 (0.5)	SERVICE TO GROUND	13.5 (4.1)
				POST MOUNTED	6 (1.8)

FILE NAME =	USER NAME = nguyensm	DESIGNED -	REVISED -
ca:\pw_work\pwwork\nguyensm\d0117709\Robb-TS.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING TEMPORARY CABLE PLAN
U.S. RTE. 30 (LINCOLN HWY.) @ CENTER STREET

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE. 353	SECTION 2009-033 TS	COUNTY COOK	TOTAL SHEETS 49	SHEET NO. 20
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60G40		