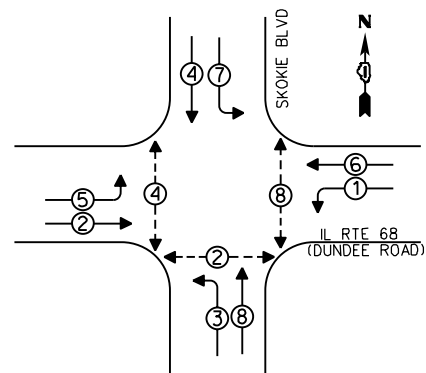


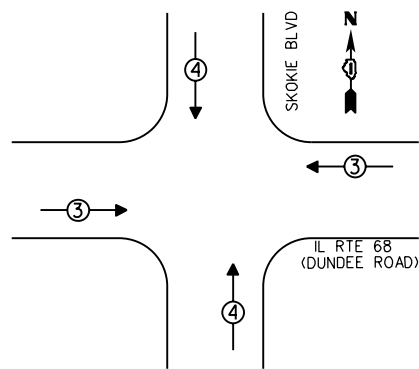
EXISTING CONTROLLER SEQUENCE



LEGEND
 ⊕ DUAL ENTRY PHASE
 ⊙ PEDESTRIAN PHASE
 * NUMBER REFERS TO ASSOCIATED PHASE

EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EMERGENCY VEHICLE PREEMPTORS	
EMERGENCY VEHICLE PREEMPTOR	3 4
MOVEMENT	← → ↑ ↓

REPLACE ALL EXISTING TRAFFIC SIGNAL HEADS

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

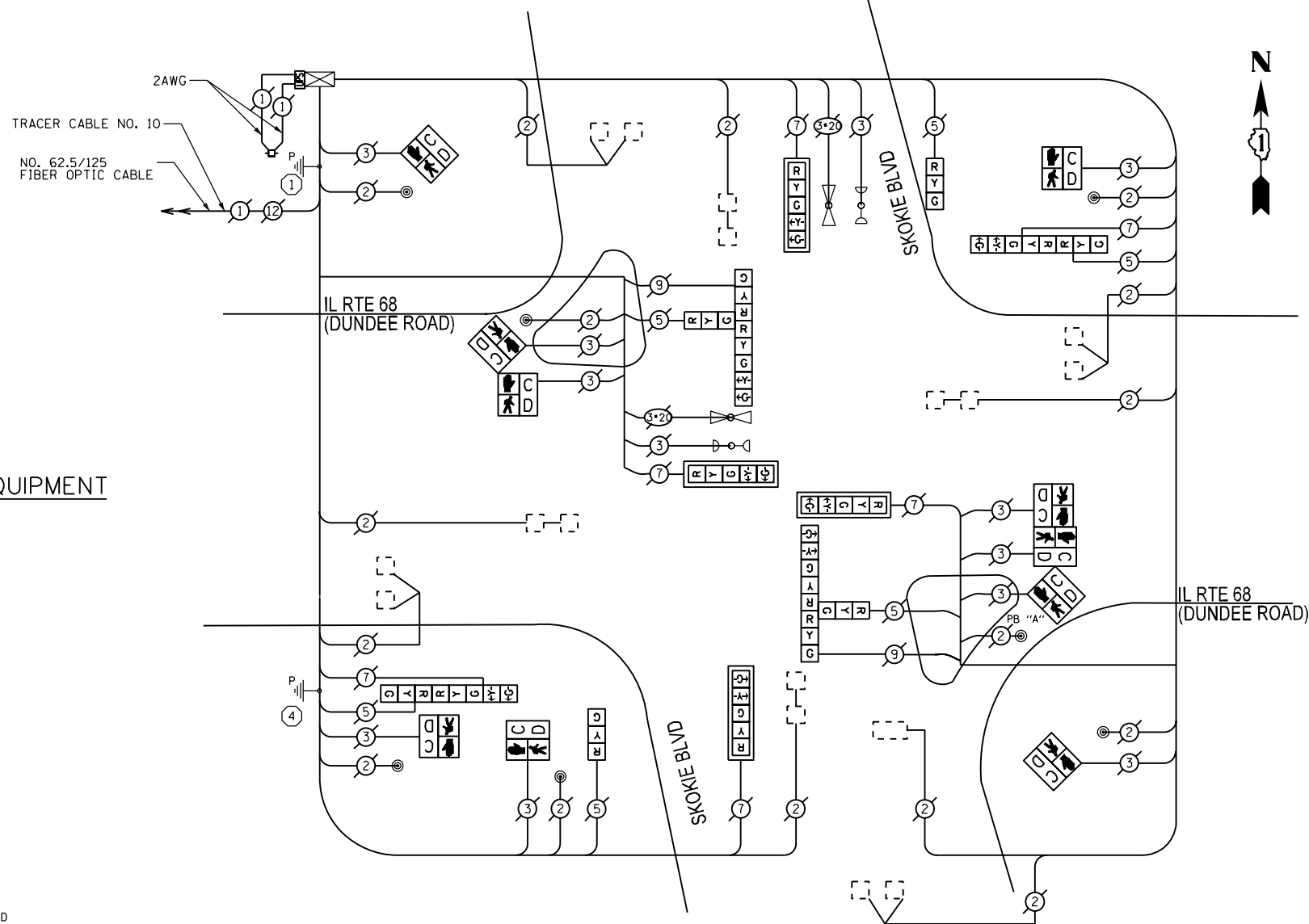
QUANTITY	UNIT	DESCRIPTION
2	EACH	TRAFFIC SIGNAL POST
2	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
4	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
2	EACH	SIGNAL HEAD, 2-FACE, 1-3-SECTION, 1-5-SECTION
2	EACH	SIGNAL HEAD, 3-FACE, 2-3-SECTION, 1-5-SECTION
5	EACH	PEDESTRIAN SIGNAL HEAD, 1-FACE
1	EACH	PEDESTRIAN SIGNAL HEAD, 2-FACE
1	EACH	PEDESTRIAN SIGNAL HEAD, 3-FACE
4	EACH	TRAFFIC SIGNAL BACKPLATE
7	EACH	PEDESTRIAN PUSHBUTTON

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.
1	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
2	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED
4	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	SIGNAL HEAD, LED, 3-FACE, 2-3-SECTION, 1-5-SECTION, BRACKET MOUNTED
5	EACH	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
1	EACH	PEDESTRIAN SIGNAL HEAD, LED, 3-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER
4	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
7	EACH	PEDESTRIAN PUSH-BUTTON, NON LATCHING

NOTE:

- PUSHBUTTON "A" SHALL PLACE A CALL TO PHASES 2 & 8
- ① REPLACE 10 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION
- ④ REPLACE 16 FT. PAINTED POST, RE-USE EXISTING TYPE A CONCRETE FOUNDATION



CABLE PLAN

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS SIGNAL SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

P:\2012\ME\2014_P\16162_18_Schwarz\CADD\W06_North_Cook_LED\Shots\60X15-sh1-TS-DundeeRd_SkokieBlvd.dgn
 FILE NAME = 4/2/2014 11:58:00 AM
 USER = M. Terrence

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	INCAND	LED % OPERATIONS	TOTAL WATTAGE
SIGNAL (RED)	16	17	0.50	136.00
(YELLOW)	16	25	0.25	100.00
(GREEN)	16	15	0.25	60.00
ARROW	16	12	0.10	19.20
PED. SIGNAL	10	25	1.00	250.00
CONTROLLER	1	100	1.00	100.00
ENERGY COSTS TO:				TOTAL = 665.20
VILLAGE OF NORTHBROOK 1225 CEDAR LANE NORTHBROOK, IL 60062				
ENERGY SUPPLY - CONTACT: TERRIBLECK PHONE: (847) 816-5239 COMPANY: COMED				

2600 Warrenville Road, Suite 203, Downers Grove, IL 60515-1761
 630.705.0110 voice, 630.839.2566 fax
 www.mps-ill.com

MILLENNIA PROFESSIONAL SERVICES

DESIGNED - JNP	REVISED -
DRAWN - JNP	REVISED -
CHECKED - TVN	REVISED -
DATE - 10/22/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM,
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL RTE 68 (DUNDEE ROAD) AT SKOKIE BOULEVARD**

SCALE: -N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D-91-020-14	COOK	99	81
CONTRACT NO. 60X15				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				