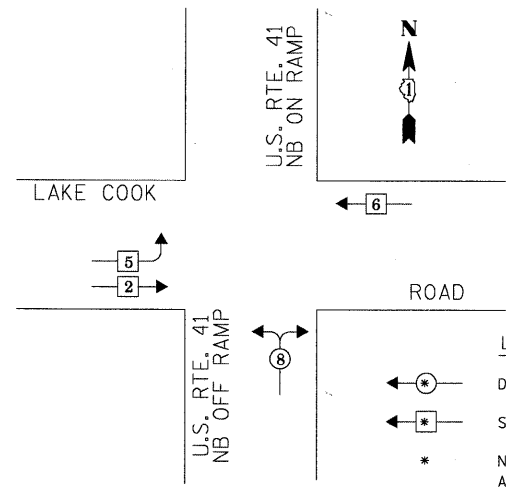


DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 CHECKED: _____ BY: _____
 NOTE BOOK NO.: _____
 PLAN NO.: _____
 STRUCTURE NOTATIONS: _____
 DATE: _____ BY: _____
 SURVEYED: _____ PLOTTED: _____
 CHECKED: _____ BY: _____
 NOTE BOOK NO.: _____
 PLAN NO.: _____
 STRUCTURE NOTATIONS: _____

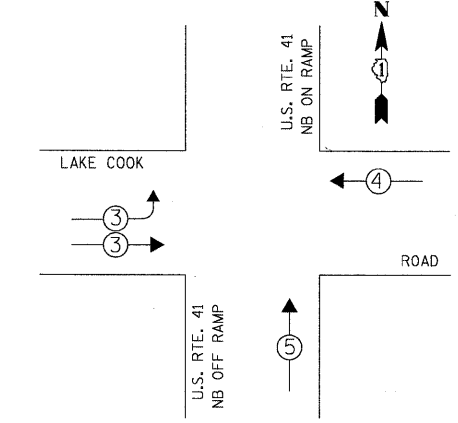
CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

EXISTING CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTOR			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↑

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	LED	% OPERATION	
SIGNAL (RED)	16		10	0.50	80.0
(YELLOW)	16		19	0.25	76.0
(GREEN)	16		11	0.25	44.0
ARROW	-		9	0.10	-
PED. SIGNAL	-		9	1.00	-
CONTROLLER	1		100	1.00	100.0
LUMINAIRE	-		250	0.50	-
L.E.D. ST. NAME SIGN	-		64	0.50	-
VIDEO SYSTEM	1		150	1.00	150.0
BATTERY BACKUP	-		25	1.00	-
FLASHER	-				-
ENERGY COSTS TO:					TOTAL = 450.0

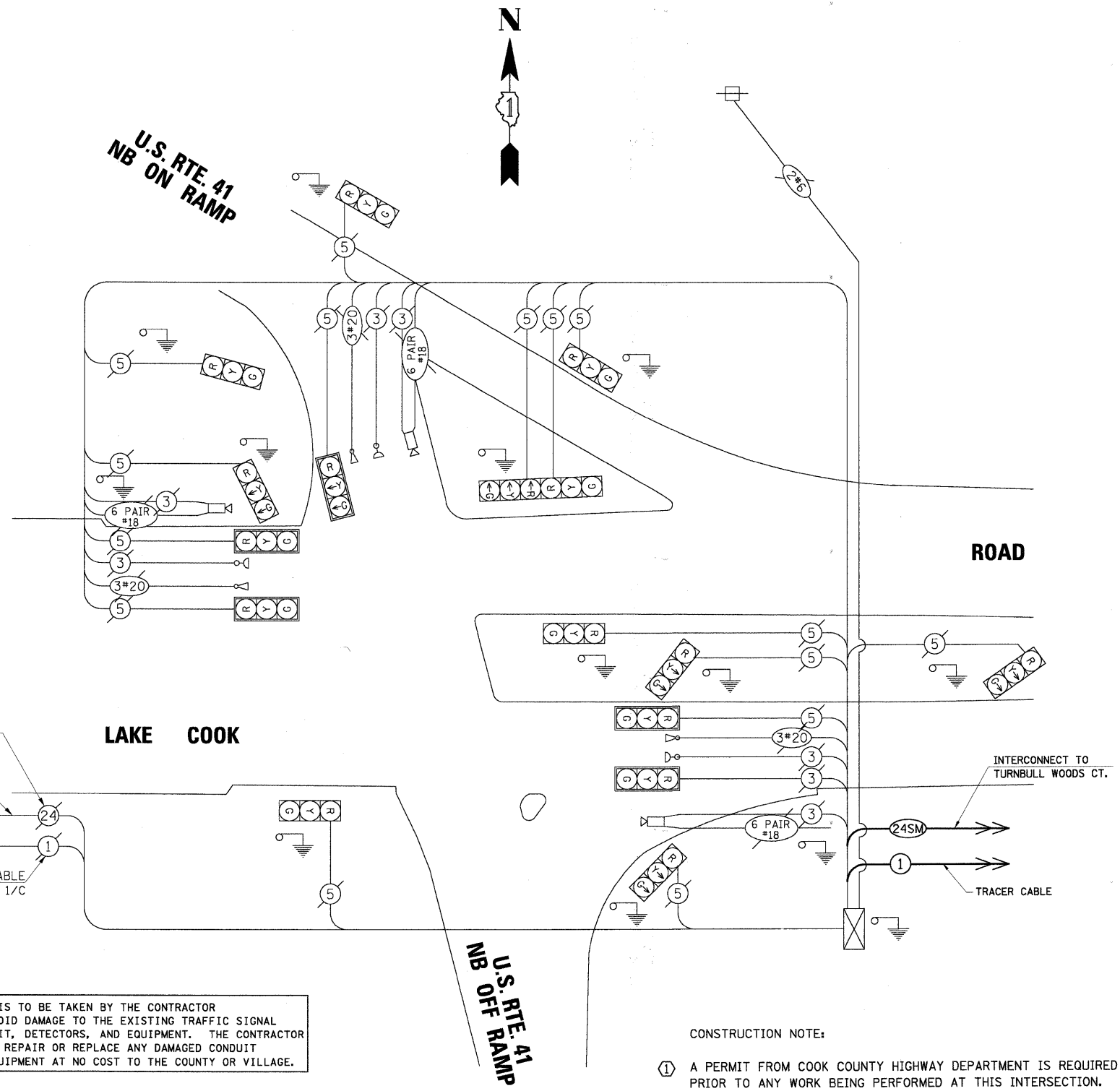
COOK COUNTY HIGHWAY DEPARTMENT
 69 W WASHINGTON STREET RM. 2141
 CHICAGO, ILLINOIS 60602
 ENERGY SUPPLY: CONTACT: JEAN WILL
 PHONE: (847) 816-5459
 COMPANY: COMED

No. 62.5/125 24F FIBER OPTIC CABLE

EXISTING INTERCONNECT TO U.S. RTE. 41 SB RAMPS

TRACER CABLE NO. 14 1/C

CARE IS TO BE TAKEN BY THE CONTRACTOR TO AVOID DAMAGE TO THE EXISTING TRAFFIC SIGNAL CONDUIT, DETECTORS, AND EQUIPMENT. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED CONDUIT OR EQUIPMENT AT NO COST TO THE COUNTY OR VILLAGE.



CABLE PLAN

CONSTRUCTION NOTE:
 ① A PERMIT FROM COOK COUNTY HIGHWAY DEPARTMENT IS REQUIRED PRIOR TO ANY WORK BEING PERFORMED AT THIS INTERSECTION.

SCHEDULE OF QUANTITIES			
ITEM	UNIT	TOTAL	
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	
DRILL EXISTING HANDHOLE	EACH	1	
SPLICE FIBER IN CABINET	EACH	12	

FILE NAME = N:\LCDOT\092407\Trns\Fic\CAB_LCRD-US41.dgn	USER NAME = FBARISS	DESIGNED - ABR	REVISED -
		DRAWN - FPB / FCP	REVISED -
		CHECKED - MJT	REVISED -
		DATE - APRIL 30, 2010	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
LAKE COOK ROAD AND U.S. ROUTE 41 NB ON RAMP / NB OFF RAMP
 SCALE: NOT TO SCALE SHEET NO. -- OF -- SHEETS STA. -- TO STA. --

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00924-00-TL	LAKE	76	17
CONTRACT NO. 63485			ILLINOIS FED. AID PROJECT	