

**SCHEDULE OF QUANTITIES**

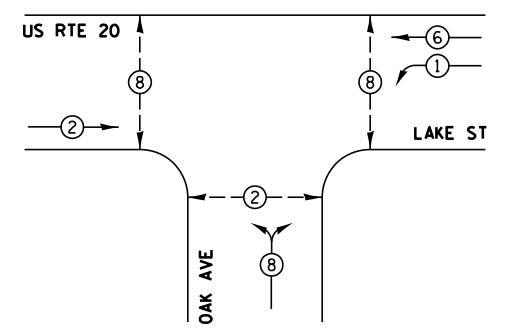
ITEM DESCRIPTION	UNITS	TOTAL QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	338
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	95
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	76
HANDHOLE	EACH	2
HEAVY-DUTY HANDHOLE	EACH	1
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	663
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	215
CONCRETE FOUNDATION, TYPE A	FOOT	8
DRILL EXISTING HANDHOLE	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
DETECTOR LOOP, TYPE I	FOOT	210
PEDESTRIAN PUSH-BUTTON	EACH	2
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
RELOCATE EXISTING SIGNAL HEAD	EACH	3
RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	2
MODIFY EXISTING CONTROLLER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	715
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

**CABLE PLAN**

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	11		17	0.50	93.50
(YELLOW)	11		25	0.25	68.75
(GREEN)	11		15	0.25	41.25
ARROW	4		12	0.10	4.80
PED. SIGNAL	2		25	1.00	50.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		150	1.00	-
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 358.30

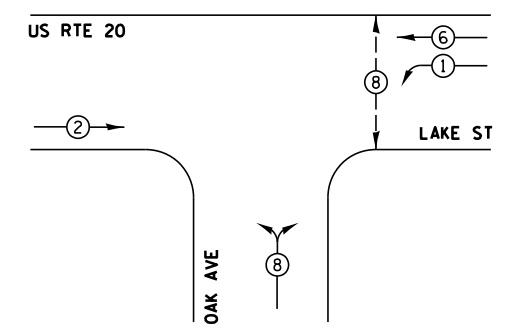
**ILLINOIS DEPARTMENT OF TRANSPORTATION**  
 DIVISION OF HIGHWAY/DISTRICT 1  
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096  
 ENERGY SUPPLY: CONTACT: JOE STACHO  
 PHONE: (630) 424-5704  
 COMPANY: COMED

**EXISTING CONTROLLER SEQUENCE**



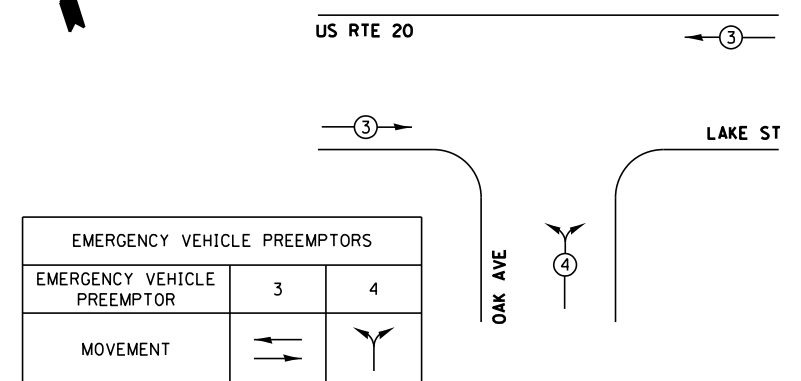
**EXIST. PHASE DESIGNATION DIAGRAM**

**PROPOSED CONTROLLER SEQUENCE**



**PROP. PHASE DESIGNATION DIAGRAM**

**EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE**



FILE NAME =	USER NAME = pociechal	DESIGNED - LP	REVISED -
et:\pw\work\p1dot\pociechal\0318457\157408-TS.dgn		DRAWN - LP	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - PB / SM	REVISED -
	PLOT DATE = 1/3/2013	DATE - 01/03/2013	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE</b>			
<b>US RTE 20 (LAKE ST) AT OAK AVE</b>			
SCALE: NTS	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	7Y-WRS	COOK	97	53
CONTRACT NO. 60N18				
ILLINOIS FED. AID PROJECT				

TS#1325