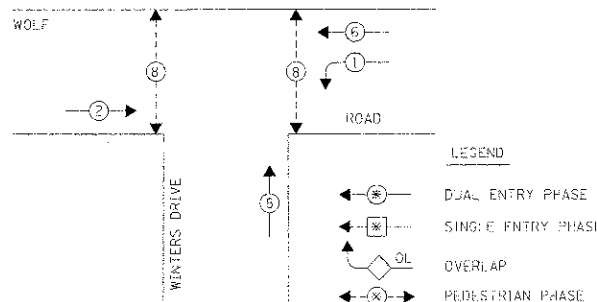


DATE: _____ BY: _____
 CHECKED: _____
 DESIGNED: _____
 DRAWN: _____
 FILE NO.: _____
 PROJECT: _____
 SHEET NO.: _____
 TOTAL SHEETS: _____
 DATE: _____

CHRISTOPHER B. BURKE ENGINEERING LTD.
 8676 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0600

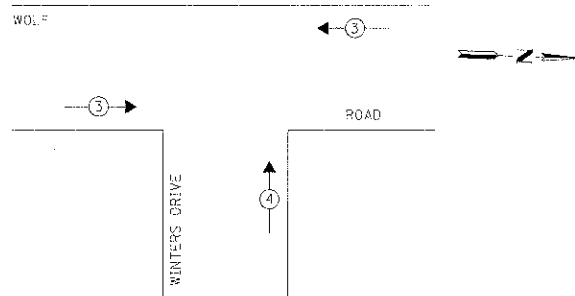
TEMPORARY CONTROLLER SEQUENCE



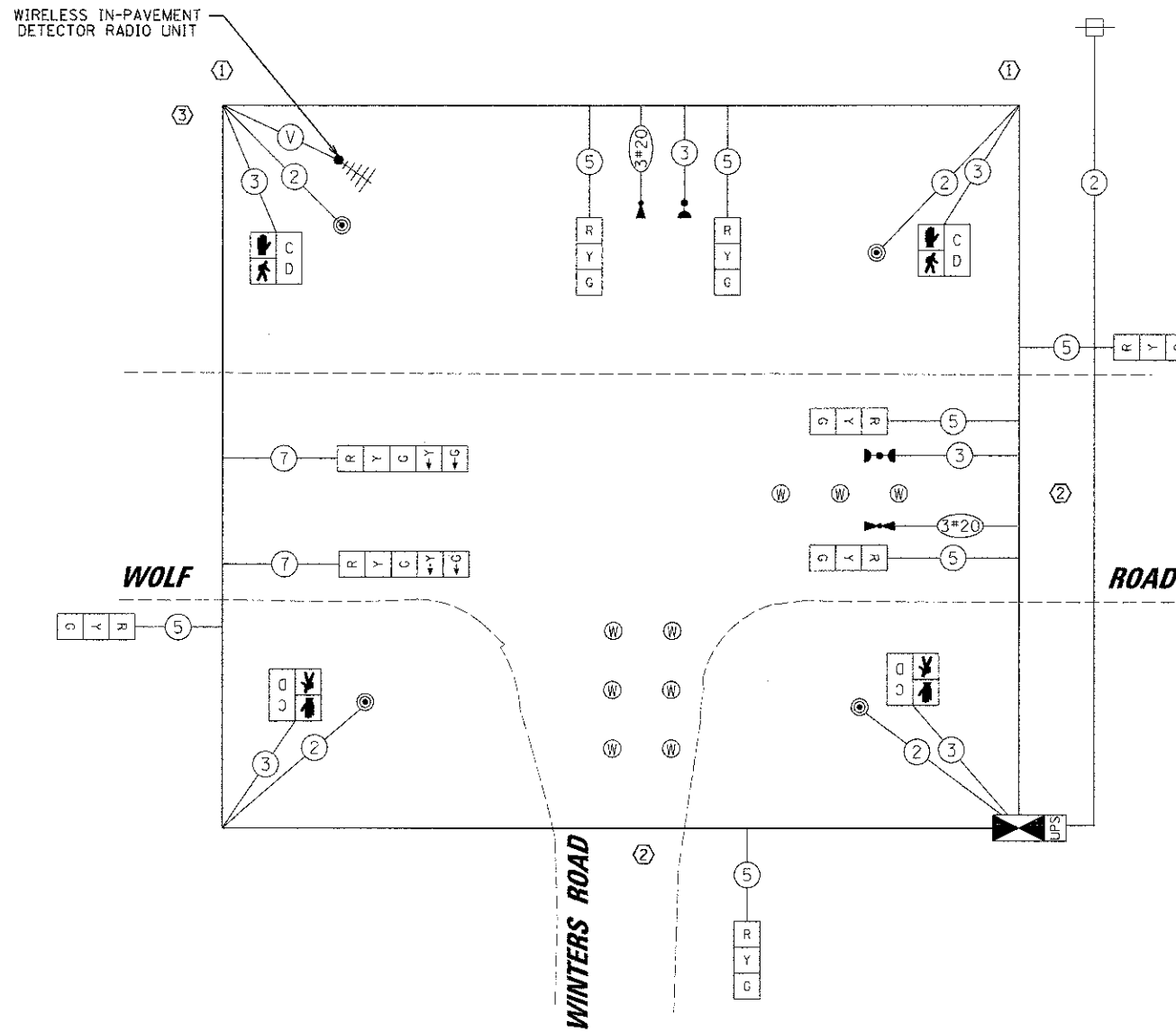
- LEGEND
- ⊕ DUAL ENTRY PHASE
 - ⊖ SINGLE ENTRY PHASE
 - ⊕ OVERLAP
 - ⊖ PEDESTRIAN PHASE
 - * NUMBER REFERS TO ASSOCIATED PHASE

TEMPORARY PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



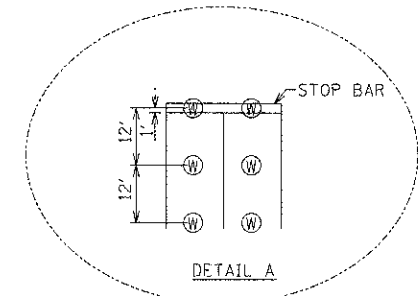
TEMPORARY EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	
MOVEMENT	←	↑	



TEMPORARY CABLE PLAN

CONSTRUCTION NOTE:

- ① THE CONTRACTOR SHALL INSTALL A SIDEWALK STRUT AS SHOWN IN THE DETAIL FOR LOCATIONS WHICH THE GUY WIRE FROM THE TEMPORARY POLE WOULD RESTRICT THE VERTICAL CLEARANCE OVER THE SIDEWALK TO LESS THAN 8 FT.
- ② THE VEHICLE DETECTION SYSTEM SHALL INCLUDE WIRELESS IN-PAVEMENT SENSOR AND MANUFACTURER RECOMMENDED PAVEMENT SEALANT, RADIO UNIT, DETECTOR CARD AND DETECTOR MOUNTING RACK WITH TWO ADJACENT VACANT CARD RACK POSITIONS. THE COST FOR THE VEHICLE DETECTION SYSTEM AND ANY REQUIRED MANUFACTURER EQUIPMENT, LABOR OR HARDWARE TO ACHIEVE PROPER OPERATION SHALL BE INCLUDED IN THE UNIT COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.
- ③ THE RADIO UNIT SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 20 FT ON THE SOUTHWEST WOOD POLE WITH VENDOR RECOMMENDED CABLE CONNECTING TO THE TEMPORARY CONTROLLER CABINET.



- Ⓜ IN PAVEMENT WIRELESS MAGNETOMETER VEHICLE DETECTORS, SENSYS VSN240-T OR APPROVED EQUAL. ALL WIRELESS MAGNETOMETER VEHICLE DETECTORS ARE TO BE PLACED IN A 4" DIA. BY 2.5" DEEP CORE.

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	X INCAND.	LED	X % OPERATION	
SIGNAL (RED)	9		17	0.50	76.50
(YELLOW)	9		25	0.25	56.25
(GREEN)	9		15	0.25	33.75
ARROW	4		12	0.10	4.80
PED. SIGNAL	4		25	1.00	100.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
BATT BACK-UP	1		25	1.00	25.00
FLASHER	-		-	0.50	-
ENERGY COSTS TO:				TOTAL =	396.30

CITY OF NORTHLAKE

55 EAST NORTH AVENUE
NORTHLAKE, ILLINOIS 60164

ENERGY SUPPLY: CONTACT: MIKE BELL

PHONE: (708) 410-5314

COMPANY: COMED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM
AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
WOLF ROAD AT WINTERS DRIVE
CITY OF NORTHLAKE, ILLINOIS

FILE NAME	USER NAME	DESIGNED	REVISED
H:\NORTHLAKE\548032DC\22\Traffic\TFCB\WOLF-WINTERS.dgn	ejenssen	- EAJ	-
		DRAWN	REVISED
		- EAJ / FPB	-
		CHECKED	REVISED
		- GMZ	-
		DATE	REVISED
		-	-

SCALE	SHEET NO.	OF	SHEETS	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2590	12-00081-00-TL	COOK	19	6
CONTRACT NO.			63815	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		