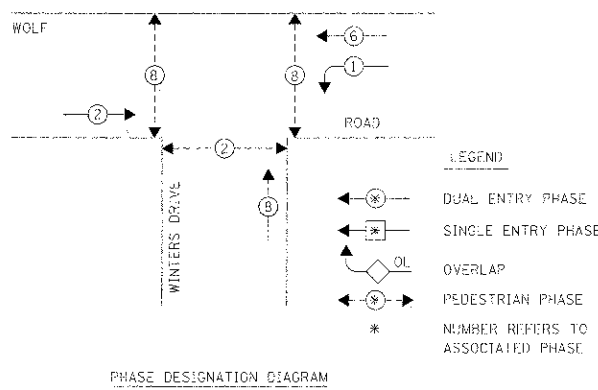


DATE: _____ BY: _____
 PLAN NO: 2017-0004
 PROJECT: WOLF ROAD AND WINTERS DRIVE INTERSECTION
 DRAWN BY: E.B.
 CHECKED BY: _____
 DATE: _____

DATE: _____ BY: _____
 PROFILE NO: _____
 PROJECT: WOLF ROAD AND WINTERS DRIVE INTERSECTION
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____

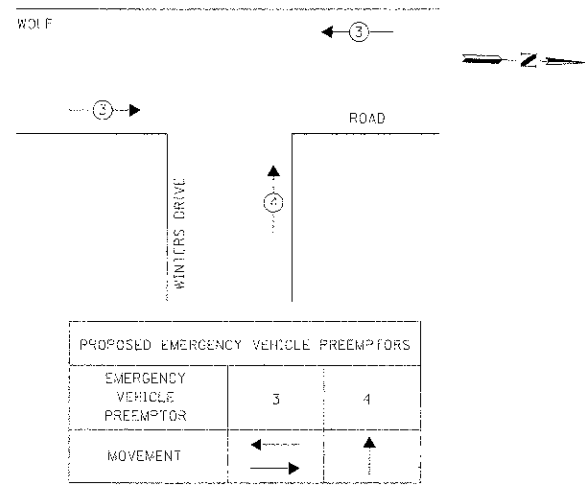
DATE: _____ BY: _____
 PLAN NO: _____
 PROJECT: WOLF ROAD AND WINTERS DRIVE INTERSECTION
 DRAWN BY: _____
 CHECKED BY: _____
 DATE: _____

PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	LED	% OPERATION	
SIGNAL (RED)	10		17	0.50	85.00
(YELLOW)	10		25	0.25	62.50
(GREEN)	10		15	0.25	37.50
ARROW	4		12	0.10	4.80
PED. SIGNAL	6		25	1.00	150.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
BATT BACKUP	1		25	1.00	25.00
FLASHER	-		-	0.50	-
ENERGY COSTS TO:					TOTAL = 464.80

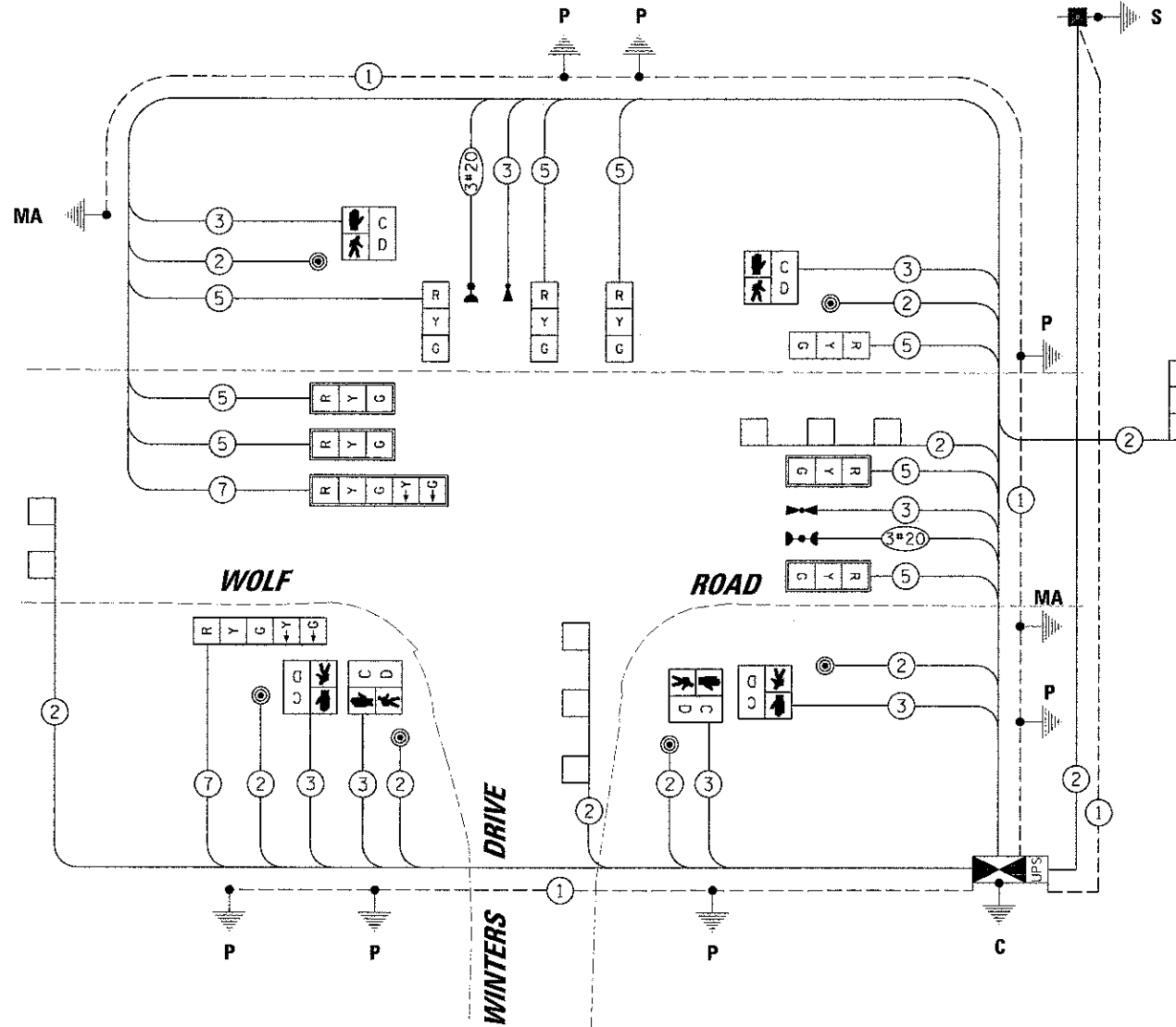
CITY OF NORTHLAKE

55 EAST NORTH AVENUE
 NORTHLAKE, ILLINOIS 60164

ENERGY SUPPLY: CONTACT: MIKE BELL

PHONE: (708) 410-5314

COMPANY: COMED



CABLE PLAN

SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
COMBINATION CURB AND GUTTER REMOVAL	FOOT	130
SIDEWALK REMOVAL	SQ FT	1856
MOBILIZATION	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1
SIGN PANEL - TYPE 1	SQ FT	21
THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	442
THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	387
THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	73
PAVEMENT MARKING REMOVAL	SQ FT	348
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	690
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	113
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	108
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	195
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	865
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1091
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1321
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	418
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	832
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	121
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	625
TRAFFIC SIGNAL POST, 10 FT.	EACH	3
TRAFFIC SIGNAL POST, 16 FT.	EACH	3
TRAFFIC SIGNAL POST, 18 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 24 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	28
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	27
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
TRAFFIC SIGNAL BACKPLATE	EACH	5
INDUCTIVE LOOP DETECTOR	EACH	4
DETECTOR LOOP, TYPE I	FOOT	372
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING SERVICE INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	5
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
TACTILE/DETECTABLE WARNING SURFACE	SQ FT	69
HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	9
PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	2070
VALVE VAULTS TO BE REMOVED	EACH	1
COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	130
ELECTRIC CABLE IN CONDUIT NO. 20 3/C, TWISTED, SHIELDED	FOOT	273
CONSTRUCTION LAYOUT	L SUM	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
TRAINEES	HOUR	500
TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500

FILE NAME =	USER NAME = e_jensen	DESIGNED = EAJ	REVISED =
PROJECT = WOLF-WINTERS.dgn	DRAWN = EAJ / FPB	CHECKED = GMZ	REVISED =
PLOT SCALE = 28"	DATE = 2/25/2013		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND
 EMERGENCY VEHICLE PREEMPTION SEQUENCE
 WOLF ROAD AND WINTERS DRIVE, NORTHLAKE, ILLINOIS

F.A.U. RTE.:	SECTION:	COUNTY:	TOTAL SHEETS:	SHEET NO.:
2590	12-00081-00-TL	COOK	19	9
CONTRACT NO. 63815				
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				