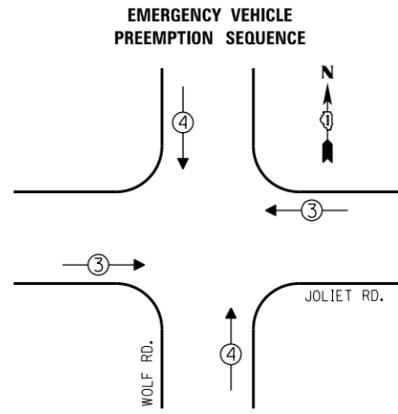


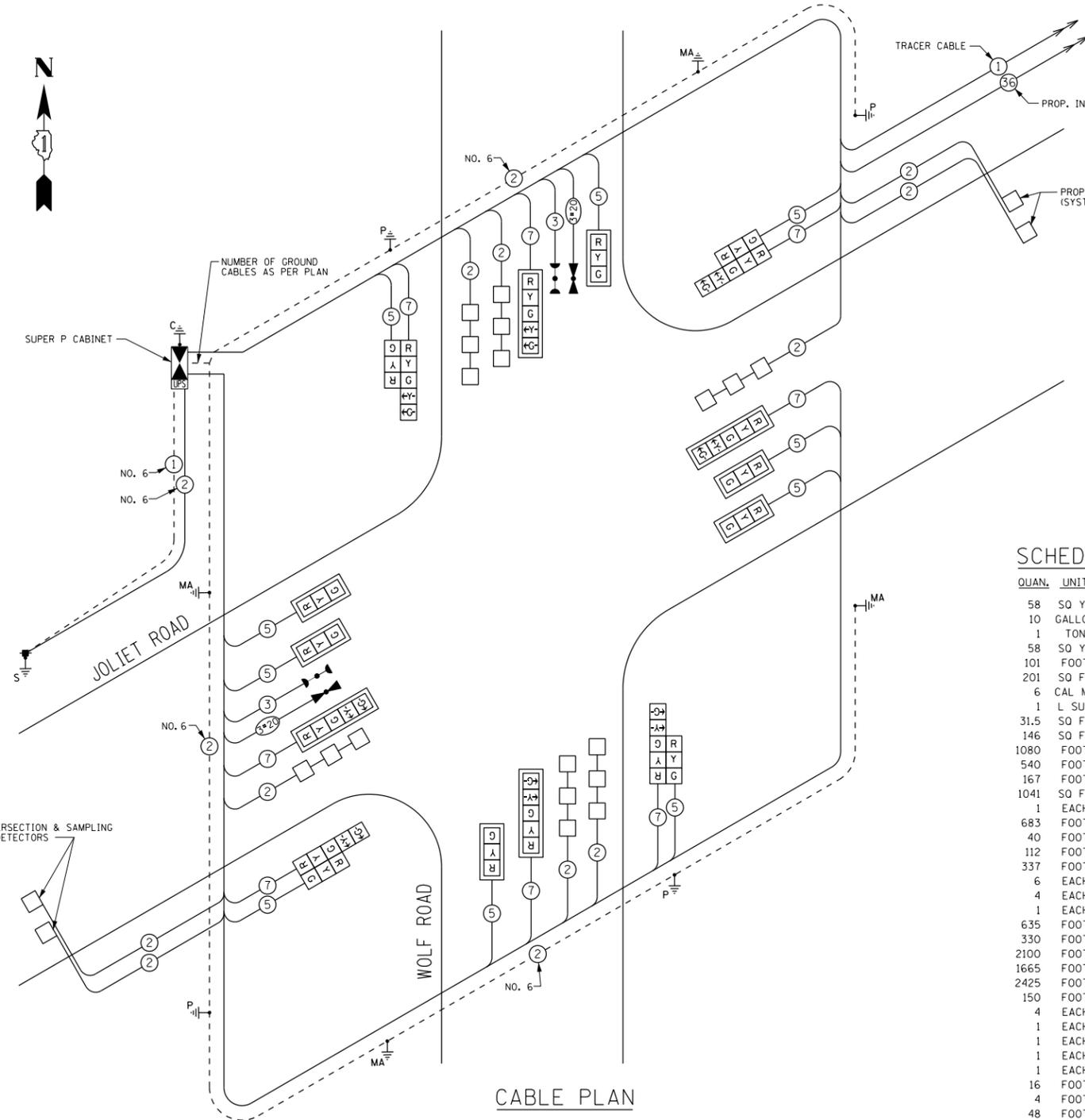
LEGEND

- ☒ SINGLE ENTRY PHASE
- ☒ DUAL ENTRY PHASE
- ◊ OVERLAP
- ⊕ PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↔	↕



SCHEDULE OF QUANTITIES

QUAN.	UNIT	ITEM
58	SO YD	AGGREGATE SUBGRADE IMPROVEMENT, 12"
10	GALLON	BITUMINOUS MATERIALS (PRIME COAT)
1	TON	AGGREGATE (PRIME COAT)
58	SO YD	HOT-MIX ASPHALT PAVEMENT, FULL DEPTH, 13 1/2"
101	FOOT	COMBINATION CURB AND GUTTER REMOVAL
201	SO FT	MEDIAN REMOVAL
6	CAL MO	ENGINEER'S FIELD OFFICE, TYPE A
1	L SUM	MOBILIZATION
31.5	SO FT	SIGN PANEL - TYPE 1
146	SO FT	THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS
1080	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 4"
540	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 6"
167	FOOT	THERMOPLASTIC PAVEMENT MARKING-LINE 24"
1041	SO FT	PAVEMENT MARKING REMOVAL
1	EACH	SERVICE INSTALLATION, POLE MOUNTED
683	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.
40	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.
112	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.
337	FOOT	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.
6	EACH	HANDHOLE
4	EACH	HEAVY-DUTY HANDHOLE
1	EACH	DOUBLE HANDHOLE
635	FOOT	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C
330	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C
2100	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C
1665	FOOT	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C
2425	FOOT	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR
150	FOOT	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C
4	EACH	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.
1	EACH	STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.
16	FOOT	CONCRETE FOUNDATION, TYPE A
4	FOOT	CONCRETE FOUNDATION, TYPE C
48	FOOT	CONCRETE FOUNDATION, TYPE E, 36-INCH DIAMETER
6	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED
4	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED
10	EACH	TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM
10	EACH	INDUCTIVE LOOP DETECTOR
685	FOOT	DETECTOR LOOP, TYPE I
* 2	EACH	LIGHT DETECTOR
* 1	EACH	LIGHT DETECTOR AMPLIFIER
1	EACH	TEMPORARY TRAFFIC SIGNAL INSTALLATION
1	EACH	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT
14	EACH	REMOVE EXISTING HANDHOLE
1	EACH	REMOVE EXISTING DOUBLE HANDHOLE
9	EACH	REMOVE EXISTING CONCRETE FOUNDATION
1	L SUM	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)
1	EACH	FULL-ACTUATED CONTROLLER AND SUPER P CABINET TYPE IV, SPECIAL
1	EACH	UNINTERRUPTIBLE POWER SUPPLY, SPECIAL
* 330	FOOT	ELECTRIC CABLE IN CONDUIT, NO. 20 3/C, TWISTED, SHIELDED
1	EACH	TEMPORARY TRAFFIC SIGNAL TIMING

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE ADJACENT SYSTEM.

THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET.

* INDICATES 100% PLEASANTVIEW FIRE PROTECTION DISTRICT COST

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	INCAND	LED X % OPERATIONS	WATTAGE	
SIGNAL (RED)	18		17	0.50	153.00
(YELLOW)	18		25	0.25	112.50
(GREEN)	18		15	0.25	67.50
ARROW	16		12	0.10	19.20
PED. SIGNAL			25	1.00	
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN			25	0.05	
LUMINAIRE		250		0.50	
VIDEO SYSTEM		150		1.00	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 452.20

VILLAGE OF INDIAN HEAD PARK
201 ACACIA DRIVE
INDIAN HEAD PARK, ILLINOIS 60525

ENERGY SUPPLY - CONTACT: ILYAS MOHIUDDIN
PHONE: (708) 235-2692
COMPANY: COMED

FILE NAME =	USER NAME = \$USER*	DESIGNED - JAM	REVISED -
*FILEL\$		DRAWN - JAM	REVISED -
	PLOT SCALE = \$SCALE*	CHECKED - LMM	REVISED -
MODELNAME	PLOT DATE = \$DATE*	DATE - 10-10-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION
AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
JOLIET ROAD AT WOLF ROAD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3562	2013-060T5	COOK	26	18
CONTRACT NO. 60X32				
ILLINOIS FED. AID PROJECT				

SCALE: NONE SHEET OF SHEETS STA. TO STA.