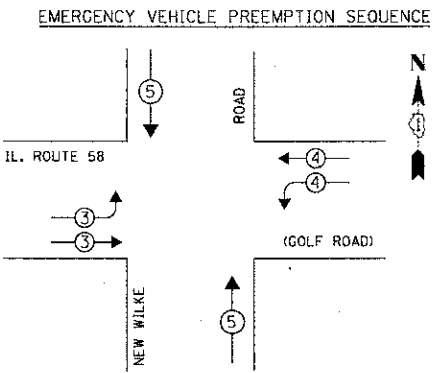


LEGEND

- ◄◄ DUAL ENTRY PHASE
- ◄* PROTECTED LEFT TURN PHASE
- ◄◄ OVERLAP
- ◄◄ PEDESTRIAN PHASE
- * NUMBER REFERS TO ASSOCIATED PHASE

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE	DISPLAY
A =	2	+	3 - 2
B =	4	+	5 - 4
C =	6	+	7 - 6



PROPOSED EMERGENCY VEHICLE PREEMPTORS

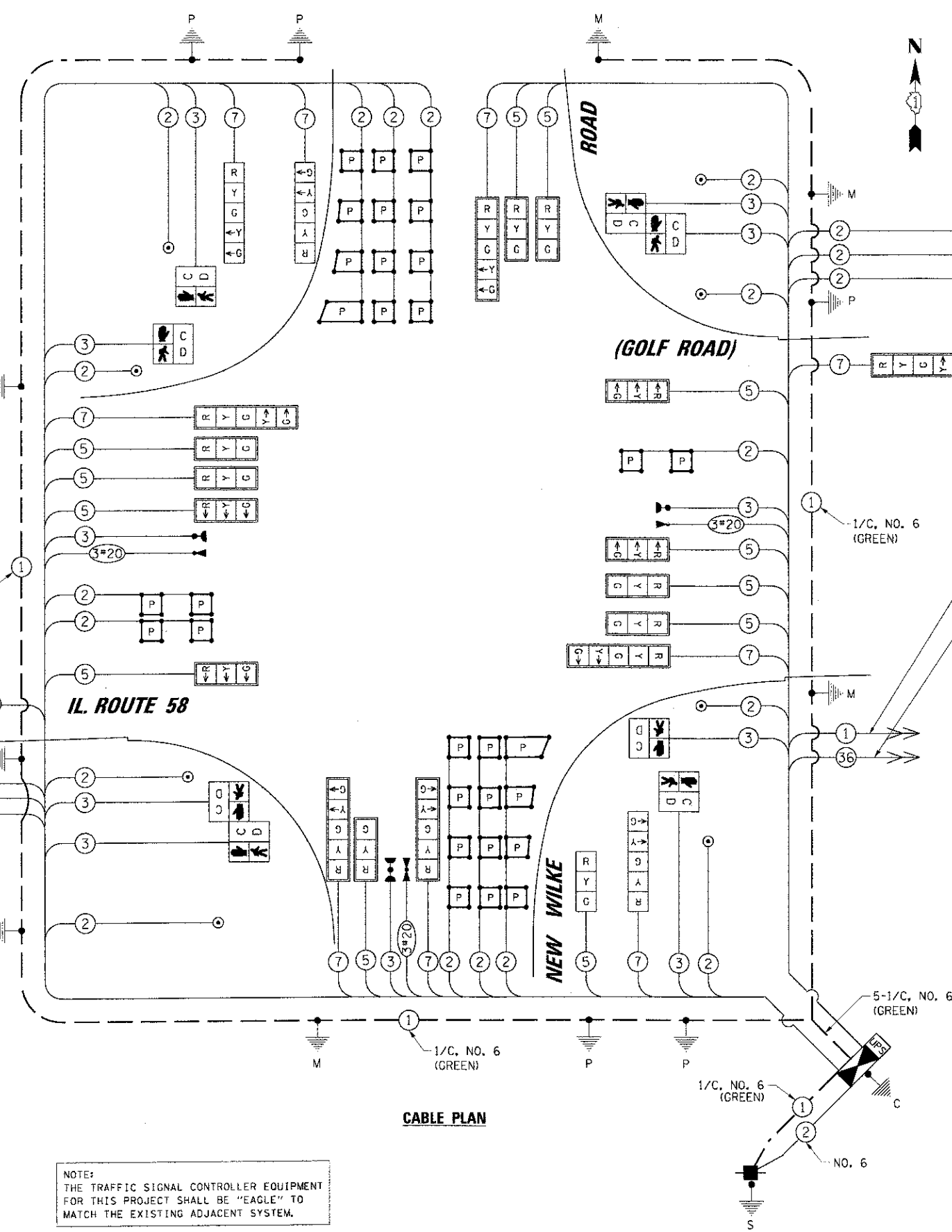
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↕

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL (RED)	22	17	0.25	187.0	
(YELLOW)	22	25	0.25	137.5	
(GREEN)	22	15	0.25	82.5	
ARROW	20	12	0.10	24.0	
PED. SIGNAL	8	25	1.00	200.0	
CONTROLLER	1	100	1.00	100.0	
ILLUM. SIGN	-	25	0.05	-	
VIDEO SYSTEM	-	150	1.00	-	
BATTERY BACKUP SYSTEM	1	25	1.00	25.0	
FLASHER	-	-	0.50	-	
ENERGY COSTS TO:					TOTAL = 756.0

ILLINOIS DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAY/DISTRICT 1
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096
 ENERGY SUPPLY: CONTACT: DEAN MARTINEZ
 PHONE: (630) 691-4869
 COMPANY: COMED

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS



NOTE:
 THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "EAGLE" TO MATCH THE EXISTING ADJACENT SYSTEM.

PROPOSED INTERSECTION AND SAMPLING (SYSTEM) DETECTORS
 1/C, NO. 6 (GREEN)
 1/C, NO. 14 TRACER CABLE
 PROP. INTERCONNECT TO CONTINENTAL TOWERS / MEADOWS TOWER MALL DR.

SCHEDULE OF QUANTITIES

SIGN PANEL - TYPE 1	SQ FT	38
SIGN PANEL - TYPE 2	SQ FT	25
SERVICE INSTALLATION - POLE MOUNTED	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA	FOOT	942
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA	FOOT	84
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA	FOOT	98
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA	FOOT	457
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	2
UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1678
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2540
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3278
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	2250
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	4637.5
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	50
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	898
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	EACH	4
STEEL MAST ARM ASSEMBLY AND POLE, 22 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 28 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 42 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 52 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 58 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	28
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	45
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	21
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	11
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	7
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	18
INDUCTIVE LOOP DETECTOR	EACH	15
PREFORMED DETECTOR LOOP	FOOT	1342
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
PEDESTRIAN PUSH-BUTTON	EACH	6
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	9
REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE A	EACH	2

FILE NAME	USER NAME - PPARISO	DESIGNED - ABR	REVISED -
PROJECT NUMBER 33892110110101010101	PLOT SCALE = 20'	DRAWN - FPB	REVISED -
PLOT DATE = 8/30/2012		CHECKED - GMZ	REVISED -
		DATE - 8/06/12	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL RTE 58 (GOLF RD.) AT NEW WILKE ROAD

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0559	00-00078-00-CH	COOK	116	68