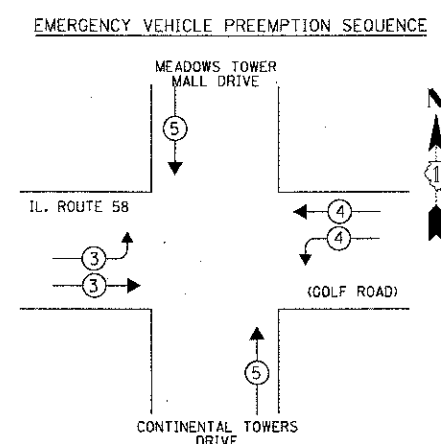
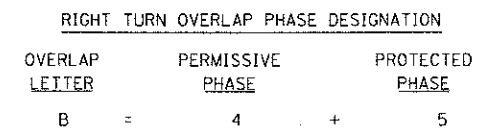
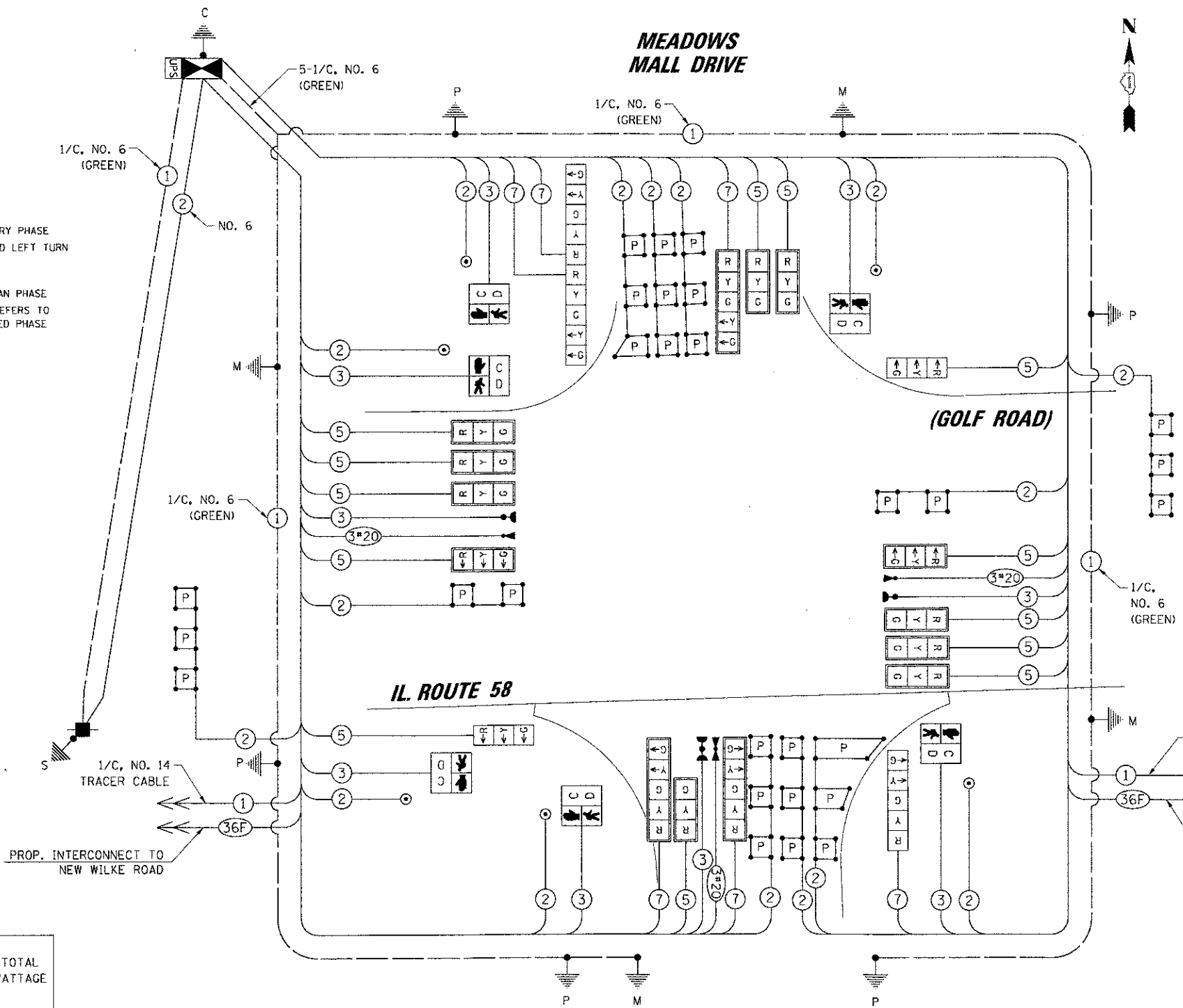


LEGEND
 * DUAL ENTRY PHASE
 * PROTECTED LEFT TURN PHASE
 * OVERLAP
 * PEDESTRIAN PHASE
 * NUMBER REFERS TO ASSOCIATED PHASE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↑



SCHEDULE OF QUANTITIES			
ITEM	UNIT	TOTAL	
SIGN PANEL - TYPE 1	SQ FT	20	
SIGN PANEL - TYPE 2	SQ FT	25	
SERVICE INSTALLATION - POLE MOUNTED	EACH	1	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	983	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	85	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	60	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	369	
HANDHOLE	EACH	5	
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	916	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1638	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2884	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1130	
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2336	
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	210	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	852	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	2	
STEEL MAST ARM ASSEMBLY AND POLE, 34 FT.	EACH	1	
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	
STEEL MAST ARM ASSEMBLY AND POLE, 46 FT.	EACH	1	
STEEL MAST ARM ASSEMBLY AND POLE, 50 FT.	EACH	1	
CONCRETE FOUNDATION, TYPE A	FOOT	20	
CONCRETE FOUNDATION, TYPE C	FOOT	4	
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	60	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	11	
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	2	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3	
SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1	
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED	EACH	6	
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	14	
INDUCTIVE LOOP DETECTOR	EACH	10	
PREFORMED DETECTOR LOOP	FOOT	1060	
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 TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1	
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	

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

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	LED X % OPERATION		
SIGNAL (RED)	19		17	0.50	161.50
(YELLOW)	19		25	0.25	118.75
(GREEN)	19		15	0.25	71.25
ARROW	12		12	0.10	14.40
PED. SIGNAL	6		25	1.00	150.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	1		150	1.00	-
BATTERY BACKUP SYSTEM	1		25	1.00	25.00
FLASHER	-			0.50	-
ENERGY COSTS TO:					TOTAL = 640.90

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

FILE NAME -	USER NAME - F8AR150	DESIGNED -	REVISED -
SCALE - 2"	CHECKED - GMZ	REVISED -	REVISED -
DATE - 8/06/12	DATE - 8/06/12	REVISED -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL RTE 58 (GOLF RD.) AT CONTINENTAL TOWER DR./MEADOWS MALL DR.				0559	00-00078-00-CH	COOK	116	75
SCALE: N.T.S.				SHEET NO. OF SHEETS		STA.		TO STA.
				FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 83735