ONLY CONTROLLERS SUPPLIED BY ONE OF THE DISTRICT APPROVED CLOSED LOOP EQUIPMENT MANUFACTURERS WILL BE APPROVED FOR USE AT TEMPORARY SIGNAL LOCATIONS. ALL CONTROLLERS USED FOR TEMPORARY TRAFFIC SIGNALS SHALL BE FULLY ACTUATED NEMA MICROPROCESSOR BASED WITH RES22 DATA ENTRY PORTS COMPATIBLE WITH EXISTING MONITORING SOFTWARE APPROVED BY 100T DISTRICT I, INSTALLED IN A NEMA TSI OR TS2 CABINET. ONLY ONE BRAND OF CONTROLLER WILL BE ACCEPTED FOR ANY ONE CONTRACT.

ALL TRAFFIC SIGNAL SECTIONS AND PEDESTRIAN SIGNAL SECTIONS SHALL BE LED AND 12" (300mm) DIAMETER. HEADS SHALL BE PLACED AS INDICATED ON THE TEMPORARY TRAFFIC SIGNAL PLAN OR AS DIRECTED BY THE ENDINEER. PEDESTRIAN SIGNALS SHALL INCLUDE SOLID INTERNATIONAL SYMBOLS, PEDESTRIAN SIGNALS WITH COUNTDOWN THEMES SHALL BE USED WHEN THE EXISTING INSTALLATION UTILIZES COUNTDOWN TYPE OR AS DIRECTED BY THE ENDINEER. COUNTDOWN TYPE PEDESTRIAN SIGNALS ARE NOT TO BE INSTALLED AT A RAILROAD INTERSECTION. THE CONTRACTOR SHALL FURNISH HOUGH CABLE SLACK TO RELOCATE HEADS TO ANY POSITION ON THE SPAN WIRE OR AT LOCATIONS ILLUSTRATED ON THE PLANS FOR CONSTRUCTION STACING. THE TEMPORARY TRAFFIC SIGNAL SHALL REMAIN IN OPERATION DURING ALL SIGNAL HEAD RELOCATIONS. EACH TEMPORARY TRAFFIC SIGNAL HEAD SHALL HAVE ITS OWN CABLE FROM THE CONTROLLER CABINET TO THE SIGNAL HEAD.

ALL EXISTING STREET NAME AND INTERSECTION REGULATORY SIGNS SHALL BE REMOVED FROM EXISTING POLES AND RELOCATED AND SECURELY FASTENED TO THE SIGNAL SPAN WIRE OR WOOD POLE AS DIRECTED BY THE ENGINEER.

ANY TEMPORARY SIGNAL WITHIN AN EXISTING CLOSED LOOP TRAFFIC SIGNAL SYSTEM SHALL BE INTERCONNECTED TO THAT SYSTEM USING SIMILAR BRAND CONTROL EQUIPMENT.

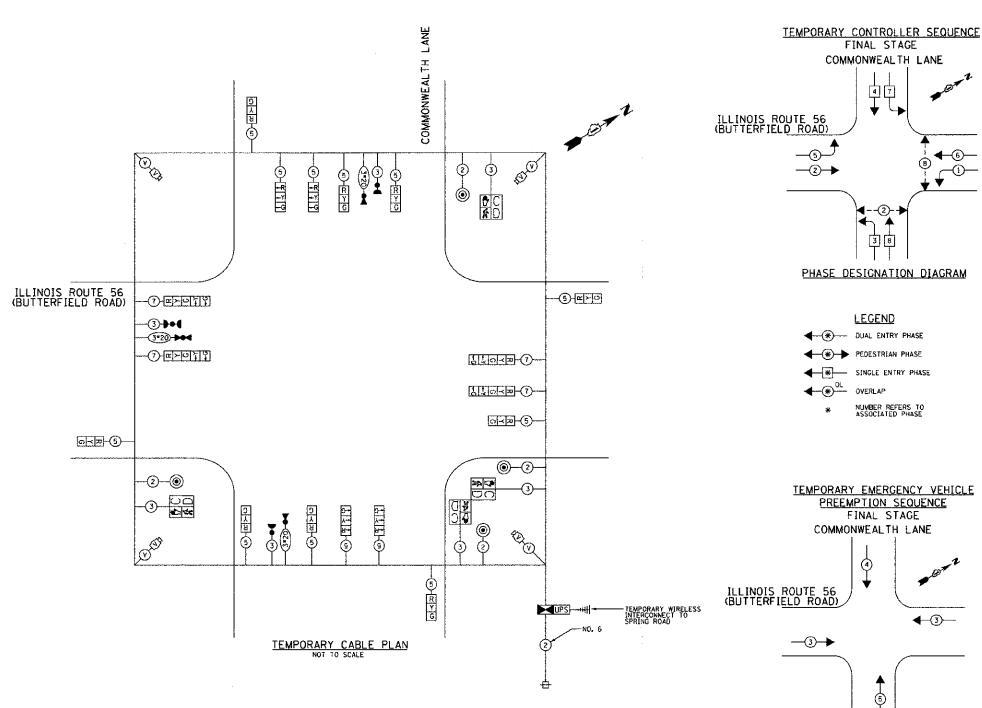
THE TEMPORARY TRAFFIC SIGNAL SHALL HAVE THE SIGNAL HEAD DISPLAYS, SIGNAL HEAD PLACEMENTS AND CONTROLLER PHASING MATCH THE EXISTING TRAFFIC STAGING IS IN PLACE OR WILL NOT BE STAGED ON THE DAY OF THE TURN ON.

UNINTERUPTIBLE POWER SUPPLY (UPS) SYSTEMS SHALL BE INSTALLED AND MADE OPERATIONAL AT TEMPORARY TRAFFIC SIGNAL INSTALLATIONS WHERE UPS IS INSTALLED AT THE EXISTING TRAFFIC SIGNAL, TEMPORARY TRAFFIC SIGNALS AT RAILFORD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT RAILFORD INTERSECTIONS, AND TEMPORARY TRAFFIC SIGNALS AT INTERSECTIONS WITH FIRE STATION ACTUATED EMERGENCY VEHICLE PRE-EMPTION, OR WHEN INDICATED ON THE PLANS.

TRAFFIC SIGNAL MANAGEMENT SYSTEMS SHALL BE MAINTAINED IN OPERATION AS INDICATED ON THE PLANS OF AS DIRECTED BY THE ENGINEER, REQUIRED EQUIPMENT SHALL BE AS SHOWN ON THE PLANS AND THE CONTRACTOR SHALL PLACE THE EQUIPMENT IN OPERATION TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE TRAFFIC SIGNAL MANAGEMENT SYSTEM.

DETECTION AT TEMPORARY TRAFFIC SIGNALS SHALL BE INCLUDED FOR ALL APPROACHES OF THE INTERSECTION UNLESS INDICATED OTHERWISE ON THE PLANS, THE DETECTION SYSTEM MUST MEET THE SPECIFICATIONS OF DISTRICT I AND THE CONTRACTOR SHALL PLACE THE DETECTORS INTO OPERATION TO THE SATISFACTION OF THE ENGINEER.

D. WHEN PAN, TILT, ZOOM CAMERAS ARE INSTALLED AT THE EXISTING INTERSECTION OR ARE CALLED FOR IN THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING THE CAMERAS TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY RESPONSIBLE FOR THE CAMERAS.



ELECTRICAL SERVICE REQUIREMENTS						
TYP5		NO.LAMPS	x WATTAGE INCAND. LED		x % OPERATION	WATTAGE
5/GNAL	(RED)	17	135	17	0.50	145
	(YELLOW)	17	135	25	0,25	106
	(CREEN)	17	135	15	0.25	64
ARROW		8	135	12	0.10	10
PED, SIGNAL		4	90	25	1.00	100
CONTROLLER		1	100	100	1.00	100
ILLUM. S	ijgn	0	64	·	0.05	0
FLASHER		0			0.50	U
CHEDOV	POSTS TO				TOTAL =	525

209 N. YORK STREET ELMHURST, IL 60126

(630) 691-4379

COMPANY: COMMONWEALTH EDISON COMPANY

CY VEHICLE PREEMPTORS	
3 4 5	EMERGENCY VEHICLE 3 PREEMPTOR
= 1471	MOVEMENT



USER NAMS = tksandell	DESIGNED - JSL	REVISED - 10/10/12 ·
FILE NAME = D:X2008-TS-Temp-Sheet5.dgn	DRAWN - JSL	REVISED -
PLDI SCALE = 600.60000 '/ FT.	CHECKED - RPJ	REVISED -
PLCT DATE = 10/21/2012	DATE - 10/22/2012	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**  ILLINOIS ROUTE 56 (BUTTERFIELD ROAD) AT COMMONWEALTH LANE FINAL STAGE - TEMPORARY CABLE PLAN PHASE DESIGNATION DIAGRAM AND SEQUENCE OF OPERATIONS SHEET NO. 47 OF 108 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3545	09-00170-00-СН	DUPAGE	108	47
		CONTRACT NO. 63742		
FED. RO	DAD DIST. NO. 7   ILLINOIS FED.	AID PROJECT		

<u>—</u>1)—

FLAN Note 8