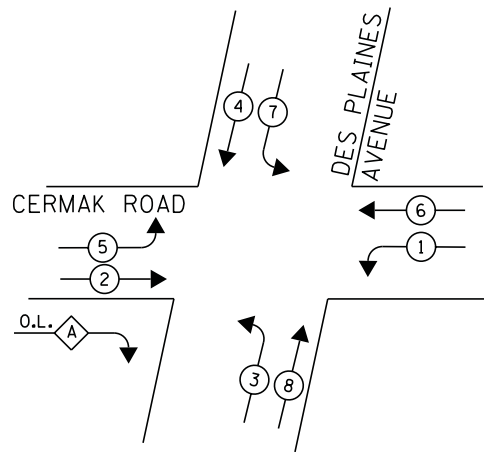
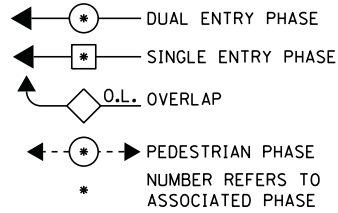


CONTROLLER SEQUENCE



LEGEND



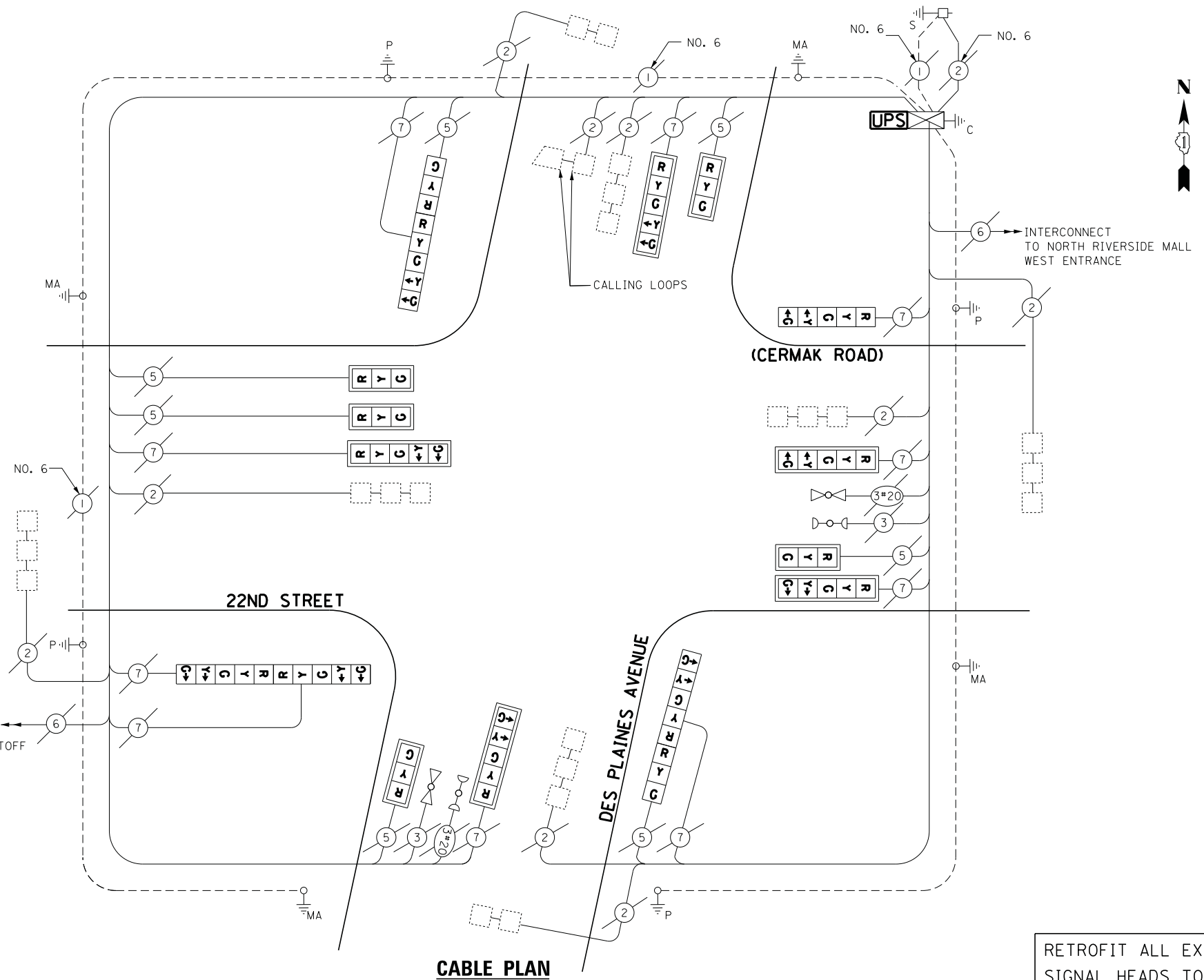
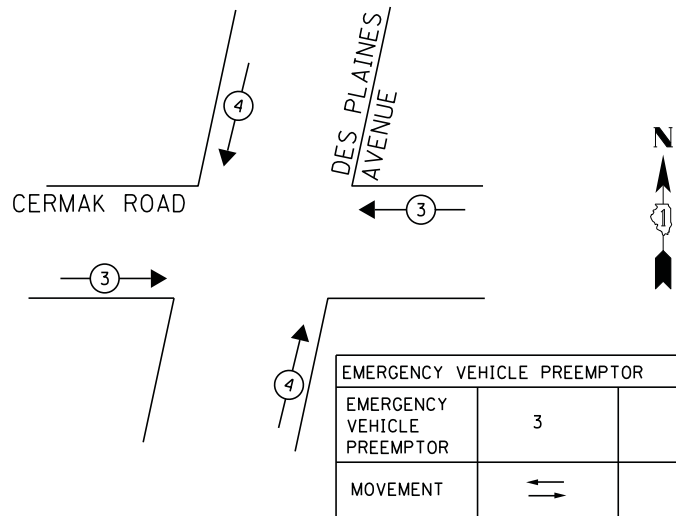
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3

PHASE DESIGNATION DIAGRAM

DUAL ENTRY-ALL LEGS
PROTECTED/PERMITTED LEFT TURN PHASES
WITH RIGHT TURN OVERLAP

EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN

SCHEDULE OF QUANTITIES

QUANTITY	UNIT	ITEM
1	EACH	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION
1	EACH	MODIFY EXISTING CONTROLLER CABINET
1	EACH	UNINTERRUPTABLE POWER SUPPLY, SPECIAL
2	EACH	SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, RETROFIT
5	EACH	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, RETROFIT
5	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, RETROFIT
1	EACH	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT
1	EACH	SIGNAL HEAD, LED, 2-FACE, 5-SECTION, BRACKET MOUNTED, RETROFIT

RETROFIT ALL EXISTING
SIGNAL HEADS TO L.E.D

ECONOLITE ASC/2-2100
CONTROLLER ON-SITE

TRAFFIC SIGNAL EQUIPMENT
SHALL BE ECONOLITE TO
MATCH THE ADJACENT
EXISTING SYSTEM

**TS# 4800
NORTH RIVERSIDE**

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE		%OPERATION	
		INCAND.	LED		
SIGNAL (RED)	17		17	0.5	144.5
(YELLOW)	17		25	0.25	106.75
(GREEN)	17		15	0.25	63.75
ARROW	20		12	0.10	24
PED. SIGNAL	-		25	1.00	-
CONTROLLER	1		100	1.00	100
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-		-	1.00	-
FLASHER	-		-	-	-
ENERGY COSTS TO:					TOTAL = 438.5
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: JOE STACHO PHONE: (630) 424-5704 COMPANY: COMMONWEALTH EDISON					
FILE NAME =	USER NAME = .USER.	DESIGNED - M.A./V.O.	REVISED -		
J:\13155\Work Order 2\DCN\CADD Sheets\060Y18-sht-ts-37_4800.dgn		DRAWN - Y.J./E.C.	REVISED -		
		CHECKED - I.Y.	REVISED -		
		DATE - 5/16/2014	REVISED -		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND
EMERGENCY VEHICLE PREEMPTION SEQUENCE
CERMAIK ROAD AT DES PLAINES RIVER ROAD**

SCALE: NTS SHEET NO. 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-032T5	COOK	68	53
CONTRACT NO. 60Y18				
ILLINOIS FED. AID PROJECT				