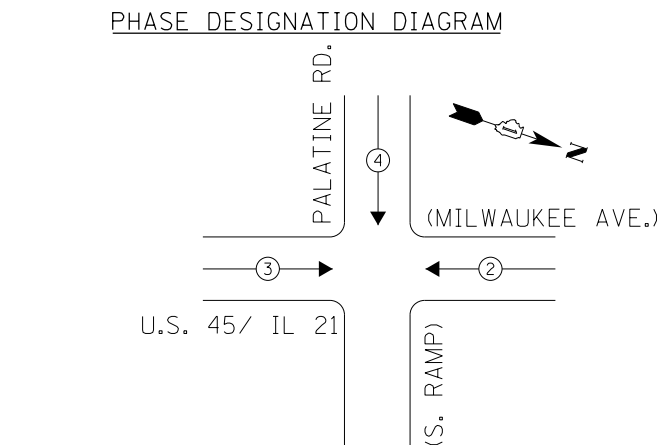


- LEGEND**
- ◉ DUAL ENTRY PHASE
  - ◊ OVERLAP
  - ◻ SINGLE ENTRY PHASE
  - ◉ PEDESTRIAN PHASE
  - NUMBER REFERS TO ASSOCIATED PHASE



THE CONTRACTOR SHALL REPLACE TRAFFIC SIGNAL SIGNAL BACKPLATES AS DIRECTED BY THE ENGINEER FOR MAST ARM MOUNTED TRAFFIC SIGNALS TO BE RETROFIT WITH LED.

**EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	2	3	4
	←	→	↓

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

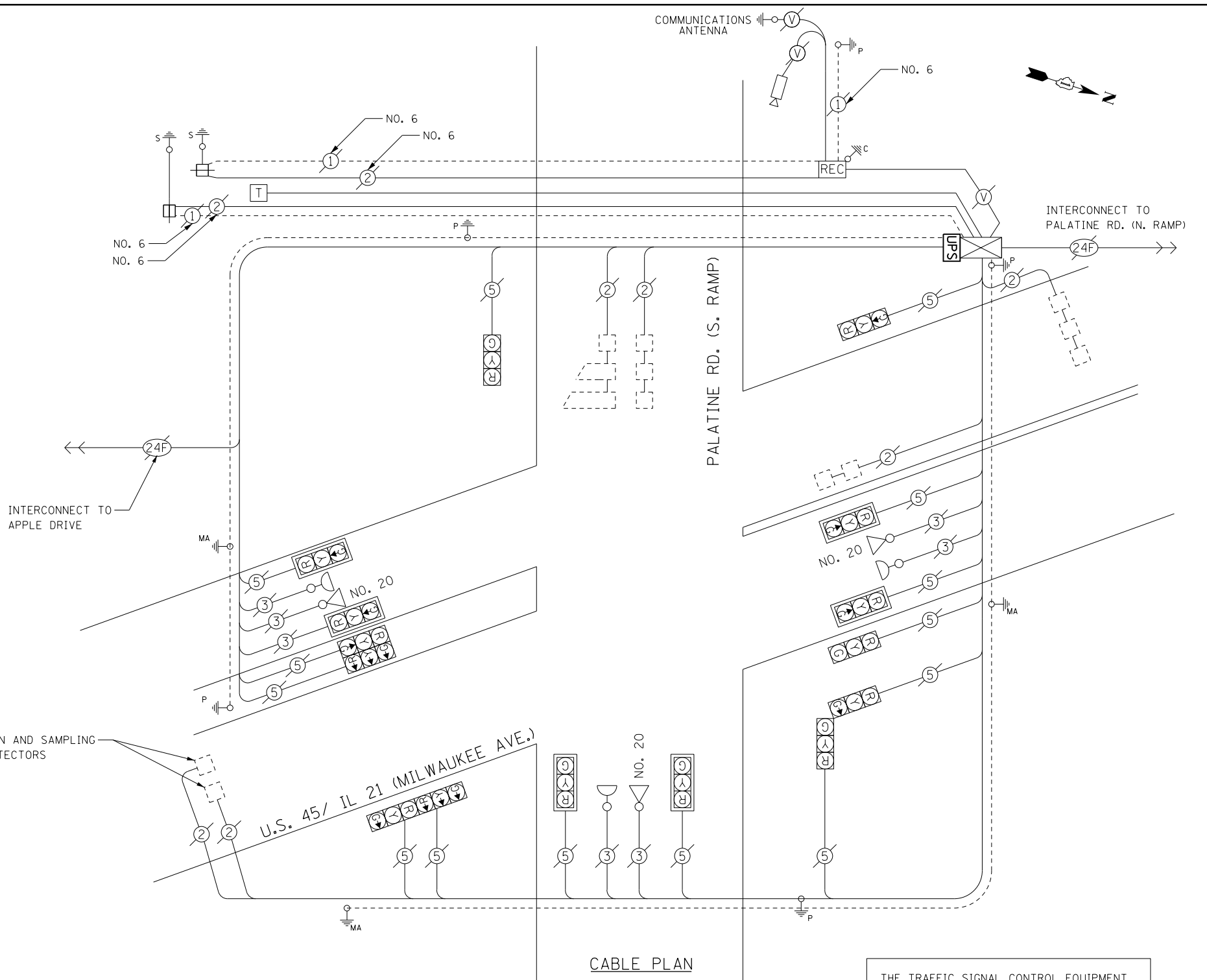
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	%OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	-	17	0.50	127.5
(YELLOW)	15	-	25	0.25	93.75
(GREEN)	15	-	15	0.25	56.25
ARROW	-	-	12	0.10	-
PED. SIGNAL	-	-	25	1.00	-
CONTROLLER	1	100	-	1.00	100.0
ILLUM. SIGN	-	-	25	0.50	-
VIDEO SYSTEM	-	-	-	1.00	-
BATTERY BACKUP	1	25	-	1.00	25.0
LUMINAIRE	-	-	-	0.50	-
FLASHER	-	-	25	0.50	-
<b>TOTAL =</b>				<b>402.5</b>	

**ENERGY COSTS-** BILLED TO: IDOT DISTRICT 1  
201 WEST CENTER COURT  
SCHAUMBURG, IL 60196-1096

**ENERGY SUPPLY-** CONTACT: DAVE SCHACHT  
PHONE: 630-437-2129  
COMMONWEALTH EDISON

**SCHEDULE OF QUANTITIES**

ITEMS	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM	EACH	6
MODIFY EXISTING CONTROLLER CABINET	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1



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

FILE NAME = D:\60X82-sht-TS1745.dgn	USER NAME = SJohnson	DESIGNED - PHL	REVISED -
Default	PLOT SCALE = 48.0000' / in.	DRAWN - PHL	REVISED -
	PLOT DATE = 3/21/2014	CHECKED - BKS	REVISED -
		DATE - 03/09/2014	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

**U.S. 45/IL 21. (MILWAUKEE AVE) & PALATINE RD (S. RAMP) - CABLE PLAN**  
SCHEDULE OF QUANTITIES, PHASE DESIG. DIAGRAM & EVP SEQUENCE

F.A. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2014-007TS	COOK	88	87
CONTRACT NO. 60X82				
ILLINOIS FED. AID PROJECT				

TS 1745  
PROSPECT HEIGHTS