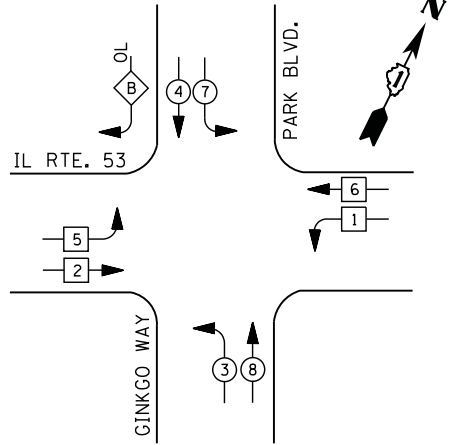


**CONTROLLER SEQUENCE**

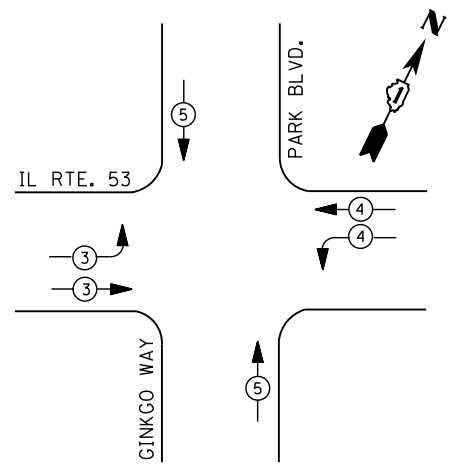


- LEGEND**
- ←\*→ DUAL ENTRY PHASE
  - ←\* PEDESTRIAN PHASE
  - ←\*→ SINGLE ENTRY PHASE
  - ←\*→ OVERLAP
  - \* NUMBER REFERS TO ASSOCIATED PHASE

**RIGHT TURN OVERLAP PHASE DESIGNATION**

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5

**PHASE DESIGNATION DIAGRAM**



**EMERGENCY VEHICLE PREEMPTION SEQUENCE**

EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	↗	↖	↕

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

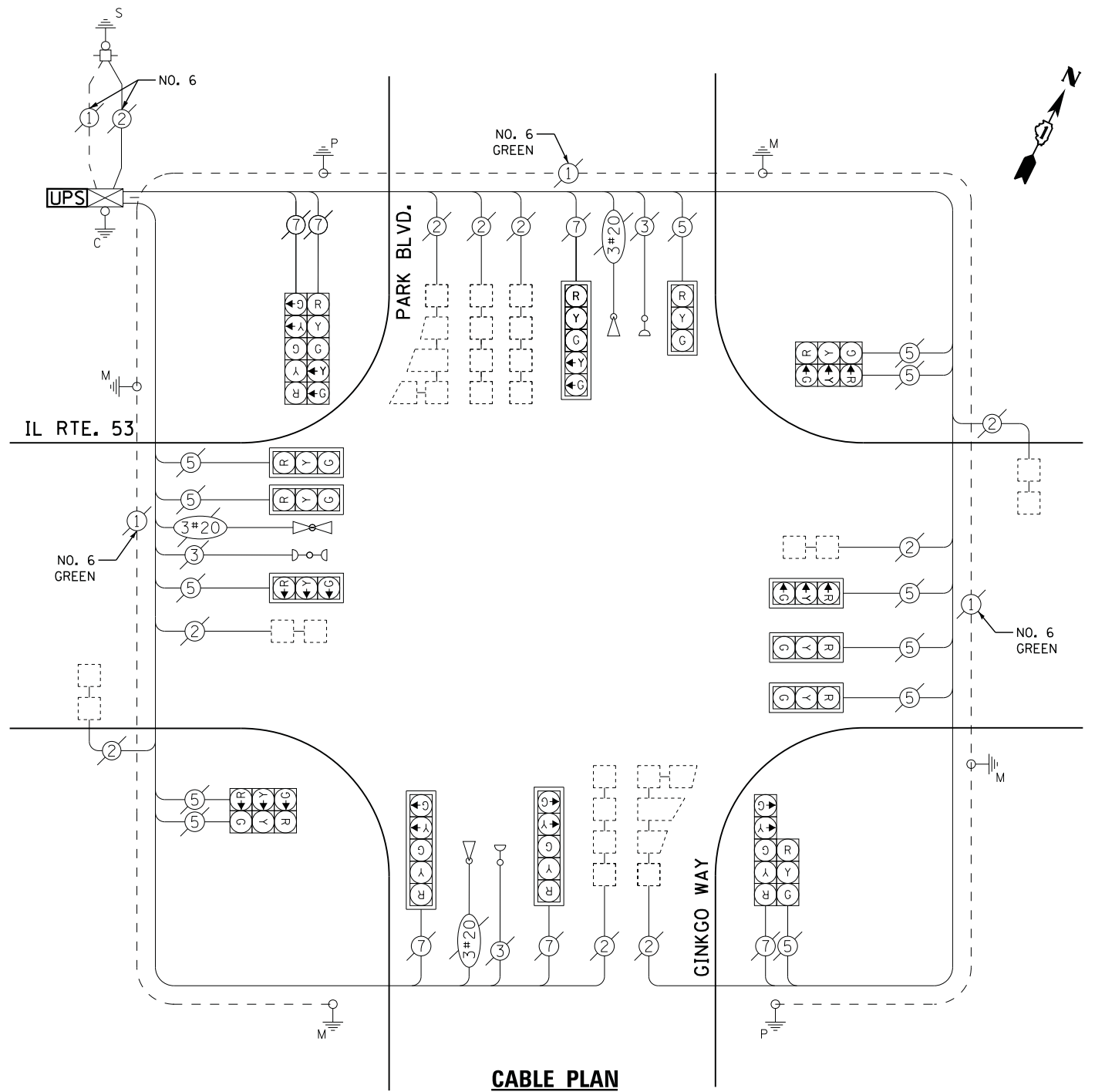
TYPE	NO. LAMPS	WATTAGE		% OPERATIONS	TOTAL WATTAGE
		INCAND.	LED		
SIGNAL ( RED )	18	135	17	0.50	153
( YELLOW )	18	135	25	0.25	113
( GREEN )	18	135	15	0.25	68
ARROW	12	135	12	0.10	15
PED. SIGNAL	--	90	25	1.00	--
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		252	25	0.05	
VIDEO SYSTEM		150	-	1.00	
TOTAL =					449

ENERGY COSTS- **BILLED TO: THE VILLAGE OF GLEN ELLYN**  
 535 DUANE STREET  
 GLEN ELLYN, IL 60137

ENERGY SUPPLY - CONTACT **JOE STACHO**  
 PHONE 630-424-5704  
 COMMONWEALTH EDISON

**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



**CABLE PLAN**

FILE NAME =	USER NAME = *USER*	DESIGNED - DW	REVISED -
N:\Projects\3\12062\DesignCAD\Sheet Files\6230_CAB_DUPAGE.dgn		DRAWN - JDH	REVISED -
	PLOT SCALE = *SCALE*	CHECKED - KMM	REVISED -
	PLOT DATE = 2/5/2013	DATE -	REVISED -

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

<b>IL ROUTE 53 AT GINKGO WAY/PARK BOULEVARD</b>			
<b>SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE</b>			
SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2012-082TS		88	34
			CONTRACT NO. 60W00	
ILLINOIS FED. AID PROJECT				

TS# 6230  
 GLEN ELLYN