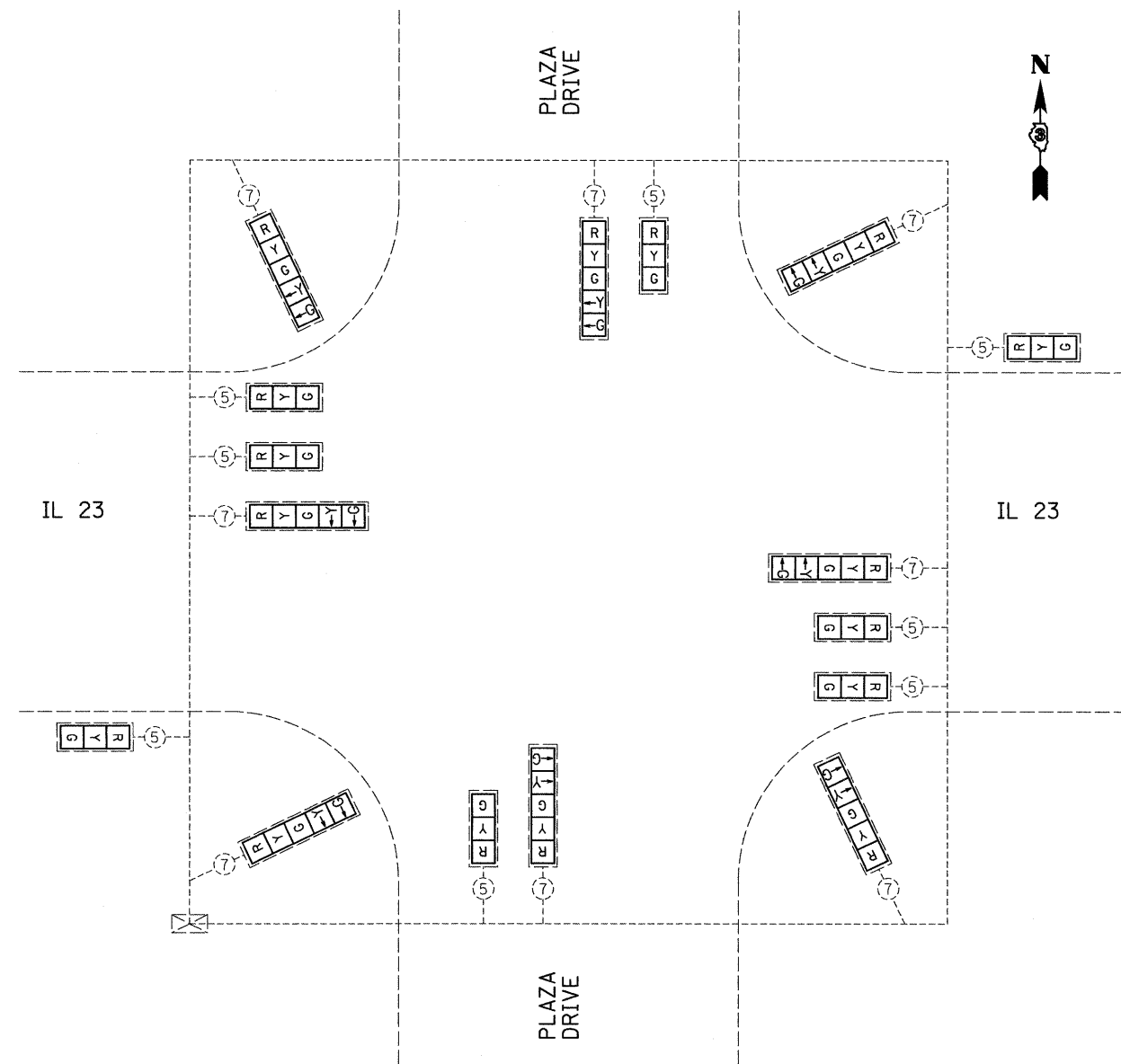


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 23	RED	10	7	35
	YELLOW	10	12	5
	GREEN	10	9.5	60
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
PLAZA DRIVE (FARM & FLEET)	RED	6	7	60
	YELLOW	6	12	5
	GREEN	6	9.5	35
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100

THERE MAY BE ADDITIONAL ELECTRICAL LOADS DUE TO LIGHTING AND EMERGENCY VEHICLE DETECTION EQUIPMENT.  
 AGENCY RESPONSIBLE FOR TRAFFIC SIGNAL ENERGY CHARGES:  
 CITY OF SYCAMORE

**CONSTRUCTION NOTES:**

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE EIGHT (8) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE EIGHT (8) 5-SECTION HEADS WITH LED SIGNAL HEADS.



**PROPOSED CABLE PLAN**  
NOT TO SCALE

**SCHEDULE OF QUANTITIES (95% STATE / 5% CITY)**

SYCAMORE IL 23 & PLAZA DR./FARM & FLEET ENTRANCE

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
Z0033002	LED SIGNAL FACE RETROFIT, RED BALL	EACH	16
Z0033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	16
Z0033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	16
Z0033010	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	8
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	8

**TRAFFIC SIGNALS LEGEND**

	DENOTES NUMBER OF EXISTING CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	SIGNAL SECTION 12"
	LEFT TURN YELLOW
	LEFT TURN GREEN
	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME = 036854-SHT-TS-CABLE-SYCAMORE-IL23-PLAZA.DGN

USER NAME = ---

DESIGNED - ---

REVISED - ---

DRAWN - ARR/NV

REVISED - ---

CHECKED - JKC

REVISED - ---

PLOT DATE = 10/11

DATE = 10/11

REVISED - ---

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN  
SYCAMORE - IL 23 & PLAZA DRIVE/FARM & FLEET ENTRANCE

SCALE: 1" = 20' SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
---	D-3 LED RETROFIT 2012-1	DEKALB	41	34
			CONTRACT NO. 66B54	
ILLINOIS FED. AID PROJECT				