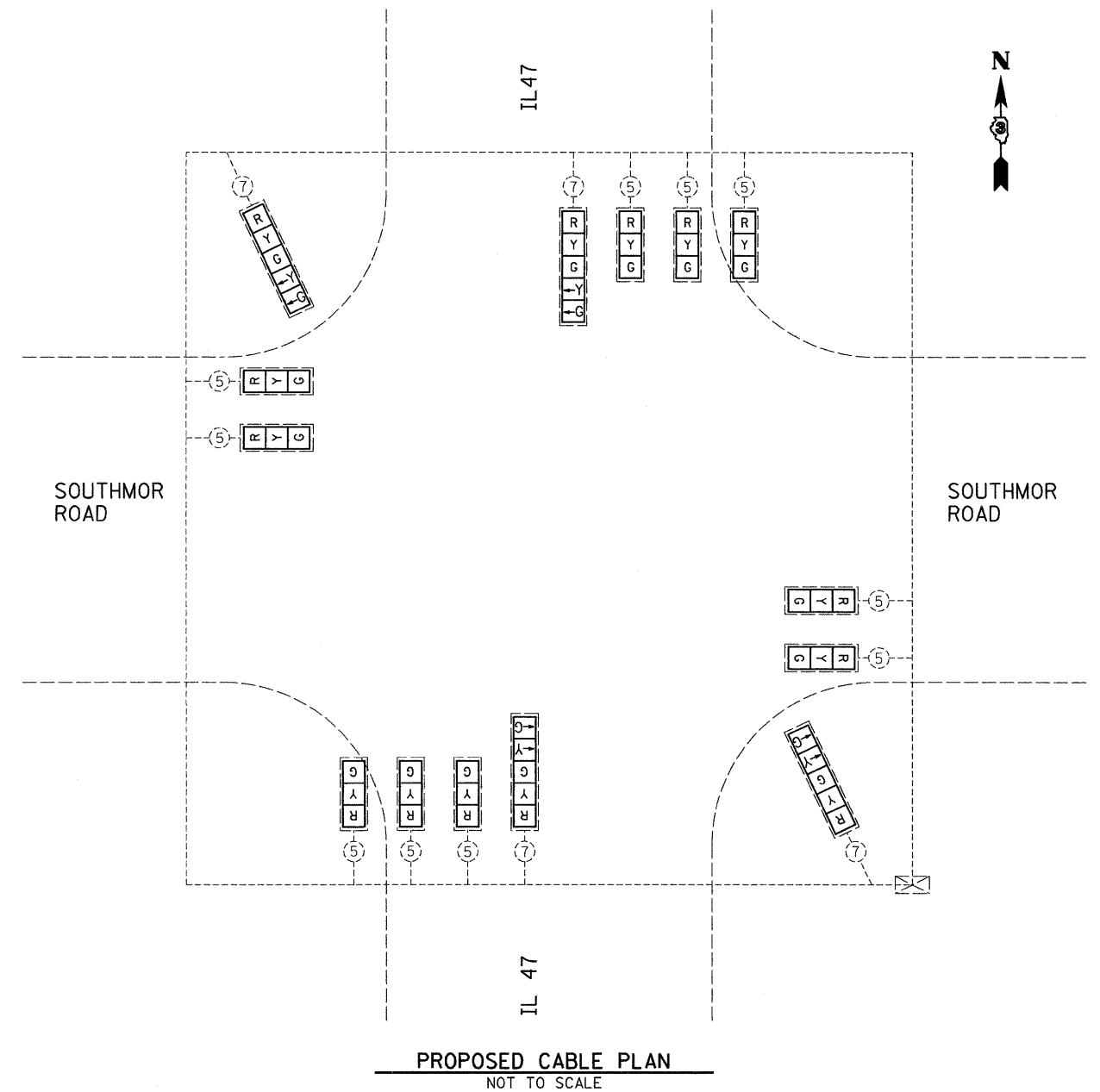


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 47	RED	10	7	35
	YELLOW	10	12	5
	GREEN	10	9.5	60
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
SOUTH MOR ROAD	RED	4	7	60
	YELLOW	4	12	5
	GREEN	4	9.5	35
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100

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

CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE TEN (10) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE FOUR (4) 5-SECTION HEADS WITH LED SIGNAL HEADS.



SCHEDULE OF QUANTITIES (100% STATE / 0% CITY)

STATE	IL 47 & SOUTH MOR RD.		
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	14
Z0033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	14
Z0033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	14
Z0033010	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	4
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	4

	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 = 0368856-SHT-TS-CABLE-STATE-IL47-SOUTH MOR.DGN

USER NAME = ---

DESIGNED - --

REVISED - ---

DRAWN - ARR/NV

REVISED - ---

CHECKED - JKC

REVISED - ---

PLOT DATE = 10/11

REVISED - ---

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
 STATE - IL 47 & SOUTH MOR ROAD

SCALE: 1" = 20' SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	D-3 LED RETROFIT 2012-3	*	29	23
CONTRACT NO. 66B56			ILLINOIS FED. AID PROJECT	

* FORD, GRUNDY, KENDALL & LIVINGSTON