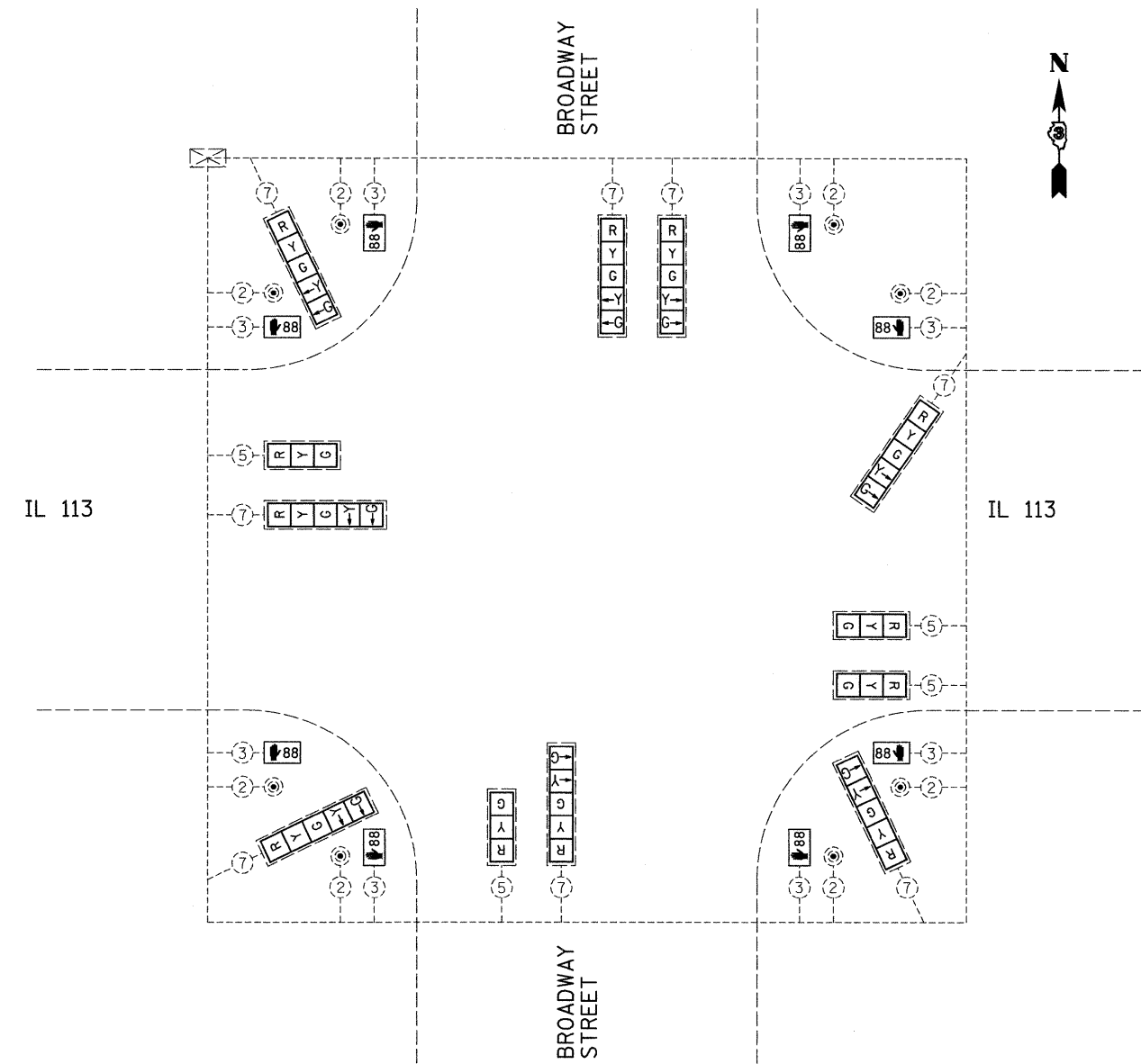


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 113	RED	5	7	35
	YELLOW	5	12	5
	GREEN	5	9.5	60
	YELLOW ARROW LT.	2	6	5
	GREEN ARROW LT.	2	6	10
		4	11/10	50/50
BROADWAY STREET	RED	7	7	60
	YELLOW	7	12	5
	GREEN	7	9.5	35
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
	YELLOW ARROW RT.	2	6	5
	GREEN ARROW RT.	2	6	10
		4	11/10	50/50
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:  
 VILLAGE OF COAL CITY

**CONSTRUCTION NOTES:**

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE FOUR (4) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE EIGHT (8) 5-SECTION HEADS WITH LED SIGNAL HEADS.
- REMOVE AND REPLACE EIGHT (8) PEDESTRIAN HEADS WITH LED PEDESTRIAN HEADS WITH COUNT DOWN TIMERS.
- REMOVAL OF THE FOLLOWING ITEMS SHALL BE PAID FOR AS REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT:  
 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED



**PROPOSED CABLE PLAN**  
NOT TO SCALE

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

COAL CITY IL 113 & BROADWAY ST.

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
Z0033002	LED SIGNAL FACE RETROFIT, RED BALL	EACH	12
Z0033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	12
Z0033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	12
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
	RIGHT TURN YELLOW
	RIGHT TURN GREEN
	EXISTING PEDESTRIAN PUSH BUTTON
	PROPOSED WALK/DON'T WALK WITH COUNT DOWN TIMER
	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME = 0368B56-SHT-TS-CABLE-COALCITY-IL113-BROADWAY.DGN

USER NAME = ---

DESIGNED - --

REVISED - ---

PLOT SCALE = 1" = 20'

DRAWN - ARR/NV

REVISED - ---

PLOT DATE = 10/11

CHECKED - JKC

REVISED - ---

DATE - 10/11

REVISED - ---

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL CABLE PLAN**  
**COAL CITY - IL 113 & BROADWAY STREET**

\* FORD, GRUNDY, KENDALL & LIVINGSTON

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	D-3 LED RETROFIT 2012-3	*	29	13

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

CONTRACT NO. 66B56 ILLINOIS FED. AID PROJECT