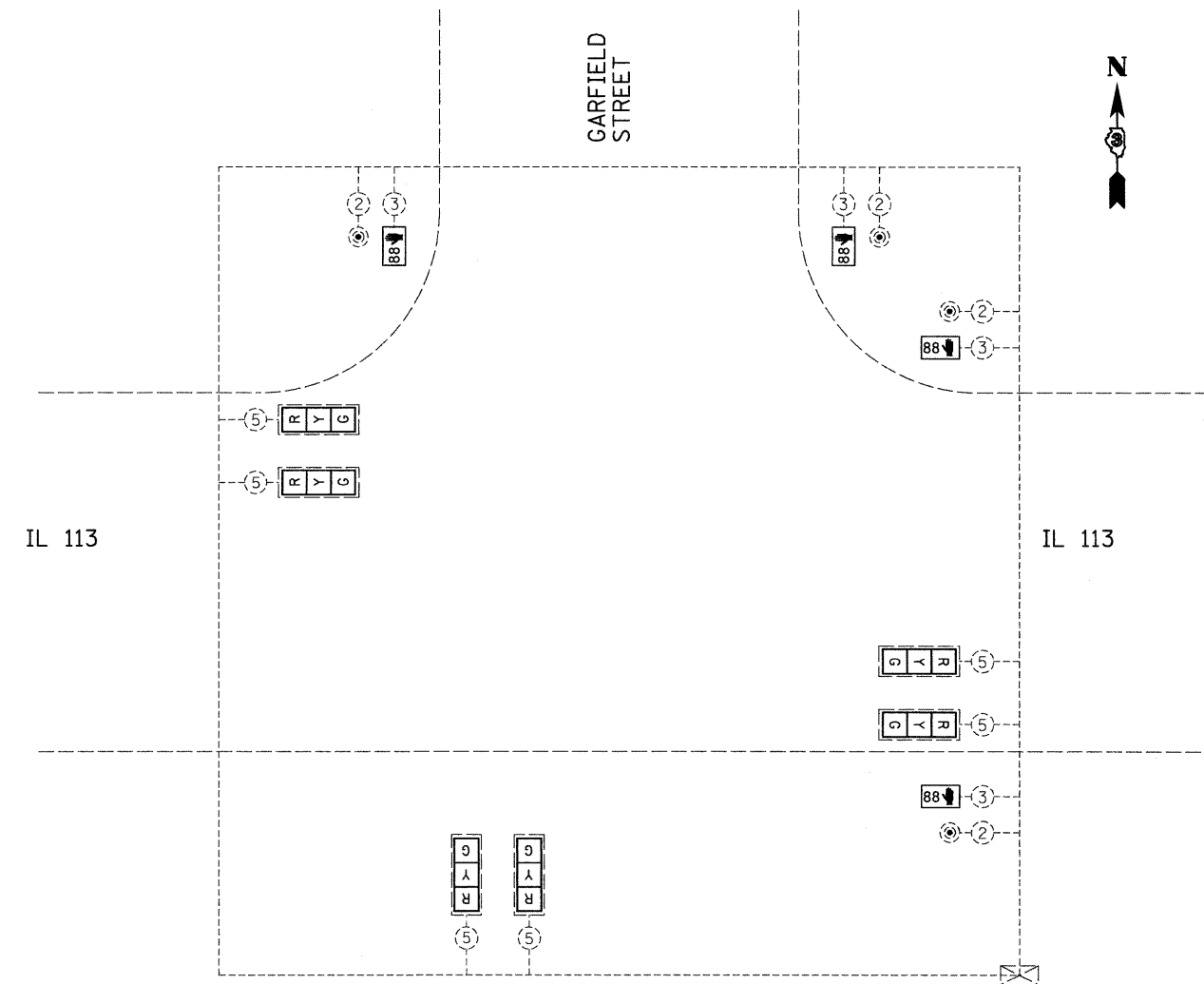


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 113	RED	4	7	35
	YELLOW	4	12	5
	GREEN	4	9.5	60
		2	11/10	50/50
		2	8	50
GARFIELD STREET	RED	2	7	60
	YELLOW	2	12	5
	GREEN	2	9.5	35
		2	11/10	50/50
		2	8	50
TRAFFIC SIGNAL CABINET	CONTROLLER	1	6	100
	UPS	1	50	100

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 SIX (6) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- REMOVE AND REPLACE FOUR (4) 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:  
 4 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED



**PROPOSED CABLE PLAN**  
 NOT TO SCALE

**SCHEDULE OF QUANTITIES (96.7% STATE / 3.3% CITY)**

COAL CITY IL 113 & GARFIELD ST.		UNIT	TOTAL QUANTITY
ITEM NO.	DESCRIPTION		
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	4
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
Z0033002	LED SIGNAL FACE RETROFIT, RED BALL	EACH	6
Z0033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	6
Z0033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	6

**TRAFFIC SIGNALS LEGEND**

	DENOTES NUMBER OF EXISTING CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	SIGNAL SECTION 12"
	EXISTING PEDESTRIAN PUSH BUTTON
	PROPOSED WALK/DON'T WALK WITH COUNT DOWN TIMER
	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME = 0366856-SHT-TS-CABLE-COALCITY-IL113-GARFIELD.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 & GARFIELD STREET**

SCALE: 1" = 20'

SHEET NO. -- OF -- SHEETS

STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

\* FORD, GRUNDY, KENDALL & LIVINGSTON

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	D-3 LED RETROFIT 2012-3	*	29	14

CONTRACT NO. 66B56

ILLINOIS FED. AID PROJECT