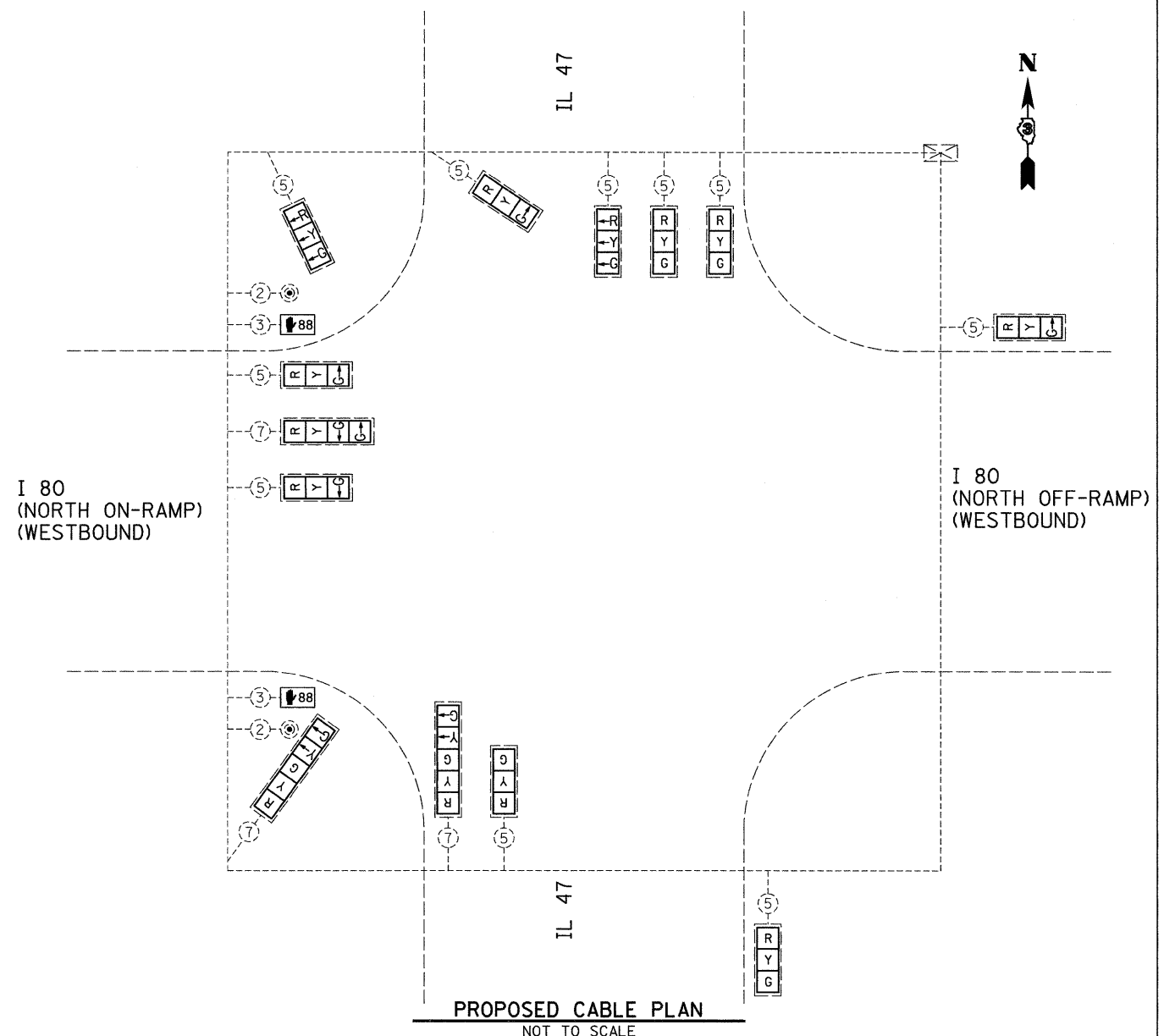


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 47	RED	6	7	35
	YELLOW	6	12	5
	GREEN	6	9.5	60
	RED ARROW LT.	2	6	85
	YELLOW ARROW LT.	2	6	5
	GREEN ARROW LT.	2	6	10
	YELLOW ARROW RT.	2	6	5
I-80 (NORTH RAMPS) (WESTBOUND)	GREEN ARROW RT.	2	6	10
	RED	5	7	60
	YELLOW	5	12	5
	GREEN ARROW RT.	4	6	35
	GREEN ARROW LT.	2	6	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 ONE (1) 4-SECTION HEAD WITH LED SIGNAL HEAD.
- RETROFIT THE TWO (2) 5-SECTION HEADS WITH LED SIGNAL HEADS.
- REMOVE AND REPLACE TWO (2) 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:  
 2 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED



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

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	2
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
Z0033002	LED SIGNAL FACE RETROFIT, RED BALL	EACH	11
Z0033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	6
Z0033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	11
Z0033010	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	4
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	10
Z0033018	LED SIGNAL FACE RETROFIT, RED ARROW	EACH	2

	DENOTES NUMBER OF EXISTING CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	SIGNAL SECTION 12"
	LEFT TURN RED
	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 = D366856-SHT-TS-CABLE-MORRIS-IL47-180N.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  
 MORRIS - IL 47 & I 80 (NORTH RAMP)

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	20

CONTRACT NO. 66B56

ILLINOIS FED. AID PROJECT