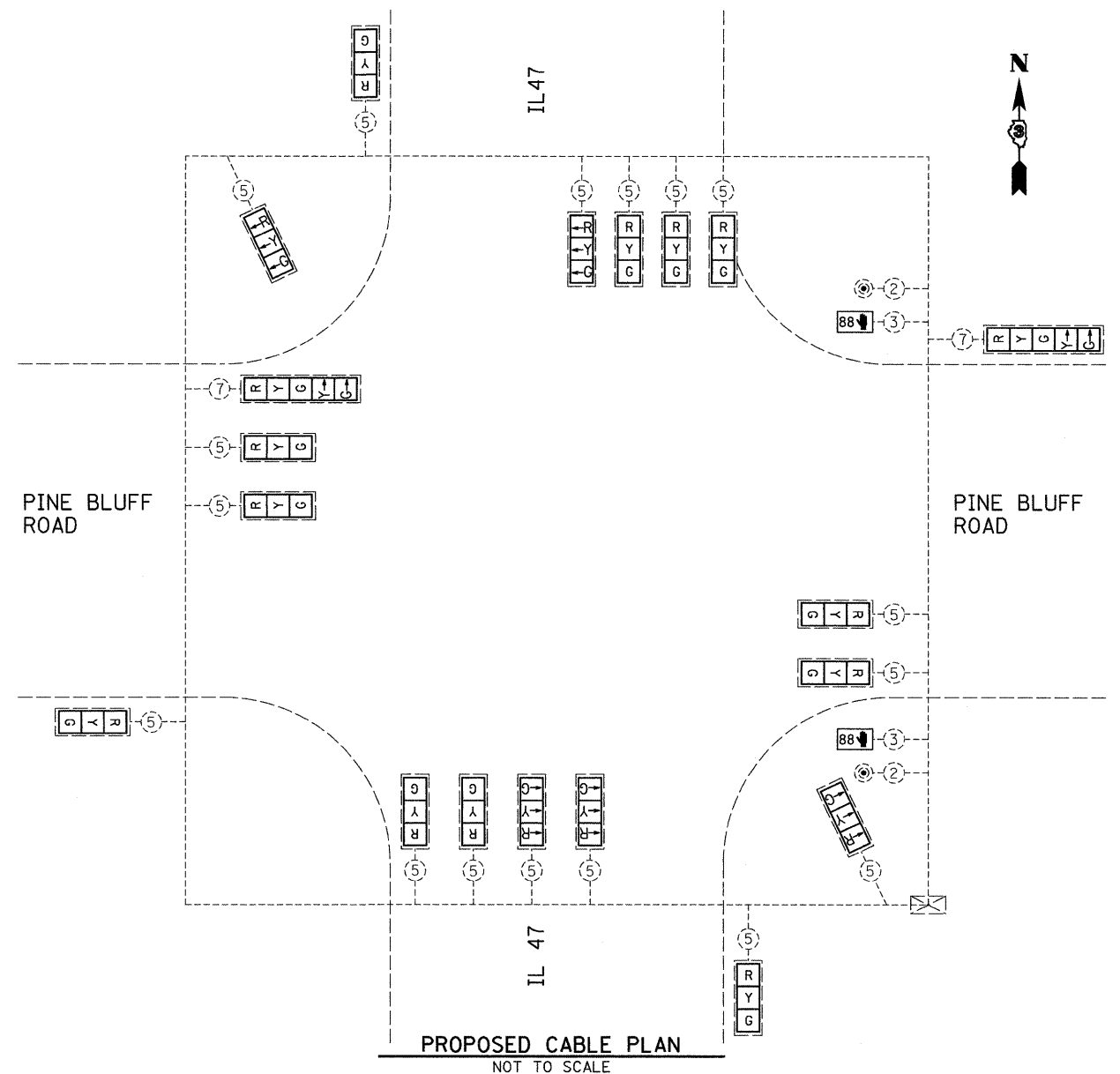


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 47	RED	7	7	35
	YELLOW	7	12	5
	GREEN	7	9.5	60
	RED ARROW LT.	5	6	85
	YELLOW ARROW LT.	5	6	5
PINE BLUFF ROAD	RED	7	7	60
	YELLOW	7	12	5
	GREEN	7	9.5	35
	YELLOW ARROW RT.	2	6	5
	GREEN ARROW RT.	2	6	10
	88	2	8	50
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:
 STATE OF ILLINOIS

CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE SEVENTEEN (17) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- 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)

STATE	IL 47 & PINE BLUFF RD.		
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	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	7
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	7
Z0033018	LED SIGNAL FACE RETROFIT, RED ARROW	EACH	5

(5)	DENOTES NUMBER OF EXISTING CONDUCTORS
[CABINET]	EXISTING CONTROLLER AND CABINET
[12"]	SIGNAL SECTION 12"
[R]	LEFT TURN RED
[Y]	LEFT TURN YELLOW
[G]	LEFT TURN GREEN
[Y-]	RIGHT TURN YELLOW
[G-]	RIGHT TURN GREEN
[PUSH]	EXISTING PEDESTRIAN PUSH BUTTON
[88]	PROPOSED WALK/DON'T WALK WITH COUNT DOWN TIMER
[LED HEAD]	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME = 036856-SHT-TS-CABLE-STATE-IL47-PINEBLUFF.DGN

USER NAME = --
 PLOT SCALE = 1" = 20'
 PLOT DATE = 10/11

DESIGNED - --
 DRAWN - ARR/NV
 CHECKED - JKC
 DATE - 10/11

REVISED - ---
 REVISED - ---
 REVISED - ---
 REVISED - ---

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
 STATE - IL 47 & PINE BLUFF 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 24
 CONTRACT NO. 66B56
 ILLINOIS FED. AID PROJECT

* FORD, GRUNDY, KENDALL & LIVINGSTON