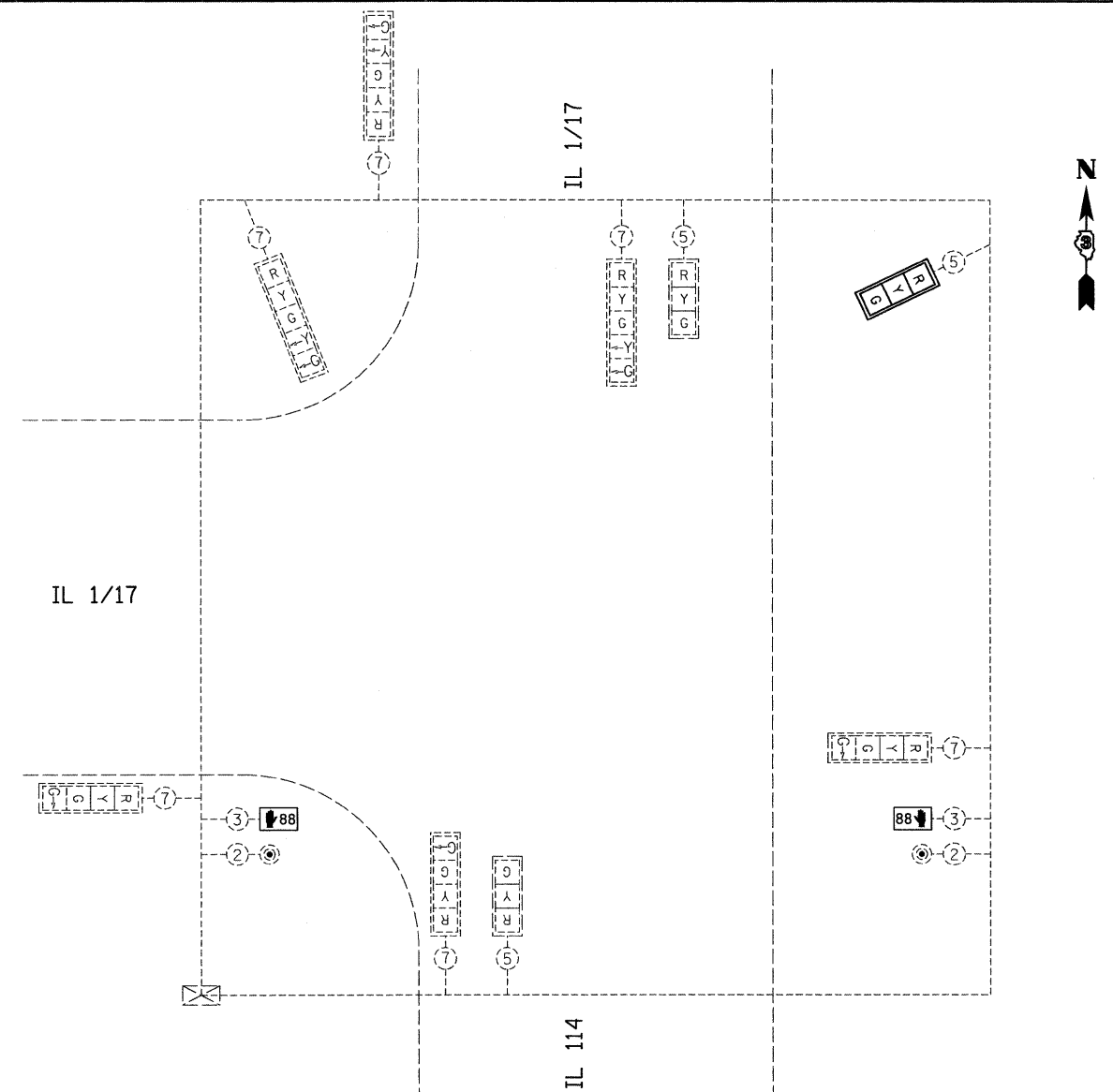


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 1/17	RED	6	7	35
	YELLOW	6	12	5
	GREEN	6	9.5	60
	YELLOW ARROW RT.	1	6	5
	GREEN ARROW RT.	4	6	10
IL 114	RED	3	7	60
	YELLOW	3	12	5
	GREEN	3	9.5	35
	YELLOW ARROW LT.	2	6	5
	GREEN ARROW LT.	2	6	10
		2	11/10	50/50
	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.
- REMOVE AND REPLACE ONE (1) 8" LED 3-SECTION HEAD WITH 12" LED 3-SECTION HEAD LOCATED AT THE NORTHEAST CORNER.
- 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:
  - 1 EACH - SIGNAL HEAD, 1-FACE, 3-SECTION, BRACKET MOUNTED
  - 2 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED
- HOLES IN TRAFFIC SIGNAL POSTS OR MAST ARM POLES RESULTING FROM REMOVAL OF 3-SECTION SIGNAL HEADS SHALL BE COVERED WITH STAINLESS STEEL PLATES AND MOUNTING HARDWARE. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE COST OF REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT.



**PROPOSED CABLE PLAN**  
NOT TO SCALE

**TRAFFIC SIGNALS LEGEND**

	DENOTES NUMBER OF EXISTING CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	SIGNAL SECTION 12"
	EXISTING SIGNAL SECTION 12"
	EXISTING LEFT TURN YELLOW
	EXISTING LEFT TURN GREEN
	EXISTING RIGHT TURN YELLOW
	EXISTING RIGHT TURN GREEN
	EXISTING PEDESTRIAN PUSH BUTTON
	PROPOSED WALK/DON'T WALK WITH COUNT DOWN TIMER
	EXISTING TRAFFIC SIGNAL BACKPLATE
	TRAFFIC SIGNAL BACKPLATE

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

MOMENCE IL 1/17 & IL 114			
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
88102825	PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	2
88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	1
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1

FILE NAME = 0366856-SHT-TS-CABLE-MOMENCE-IL1-IL114.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**  
**MOMENCE - IL 1/17 AND IL 114**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	D-3 LED RETROFIT 2012-4	•	17	15

CONTRACT NO. 66B57  
 ILLINOIS FED. AID PROJECT

• IROQUOIS & KANKAKEE