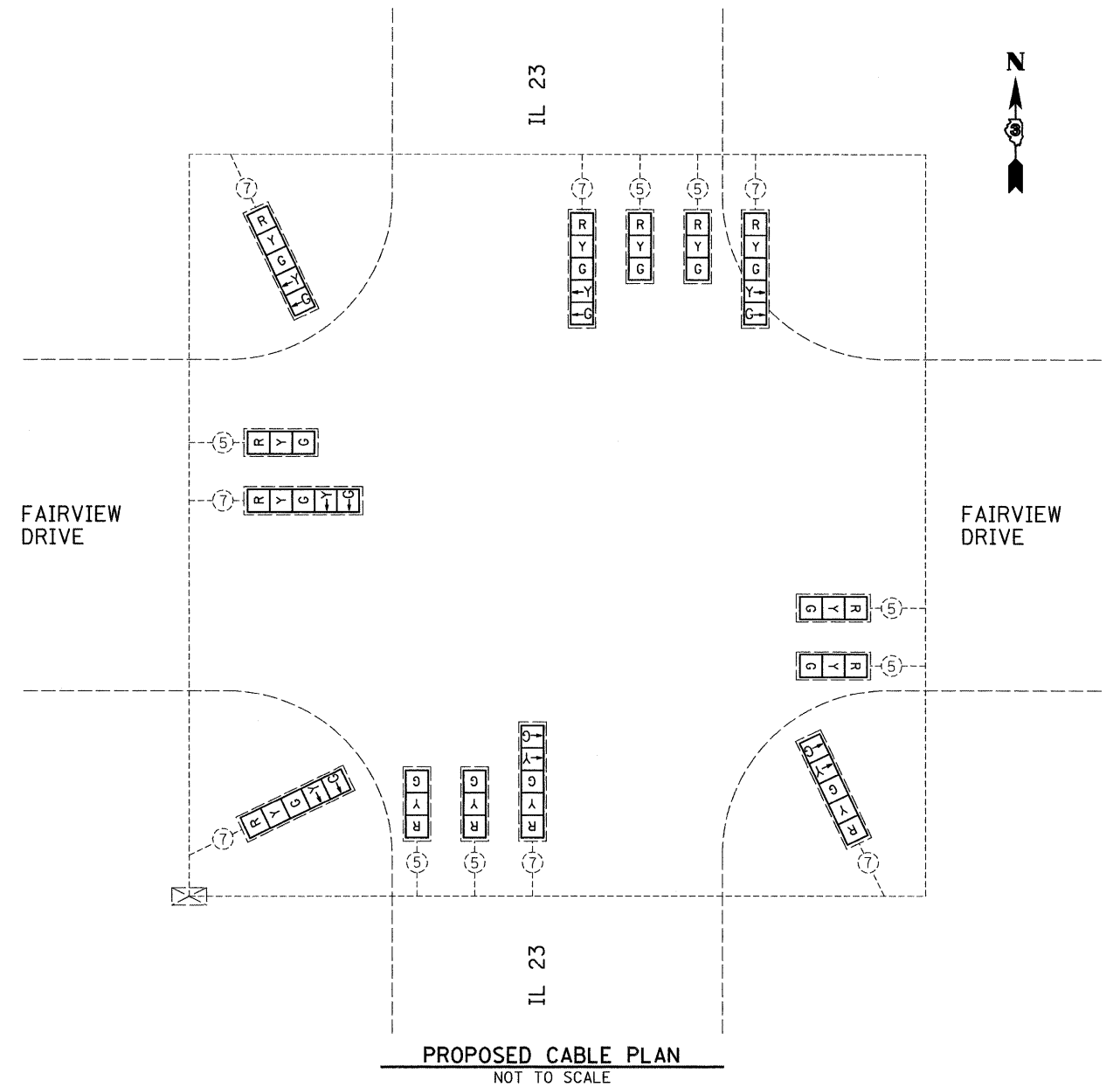


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 23	RED	9	7	35
	YELLOW	9	12	5
	GREEN	9	9.5	60
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
	YELLOW ARROW RT.	1	6	5
	GREEN ARROW RT.	1	6	10
FAIRVIEW DRIVE	RED	5	7	60
	YELLOW	5	12	5
	GREEN	5	9.5	35
	YELLOW ARROW LT.	2	6	5
	GREEN ARROW LT.	2	6	10
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:
 CITY OF DEKALB

CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE SEVEN (7) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE SEVEN (7) 5-SECTION HEADS WITH LED SIGNAL HEADS.



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

DEKALB IL 23 & FAIRVIEW DR.			
ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY
86200300	UNINTERRUPTABLE POWER SUPPLY, EXTENDED	EACH	1
89502210	MODIFY EXISTING CONTROLLER CABINET	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

PROPOSED CABLE PLAN
NOT TO SCALE

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
	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME = 0366854-SHT-TS-CABLE-DEKALB-IL23-FAIRVIEW.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
DEKALB - IL 23 & FAIRVIEW DRIVE**

SCALE: 1" = 20'

SHEET NO. ___ OF ___ SHEETS

STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
--	D-3 LED RETROFIT 2012-1	DEKALB	41	18
CONTRACT NO. 66B54			ILLINOIS FED. AID PROJECT	