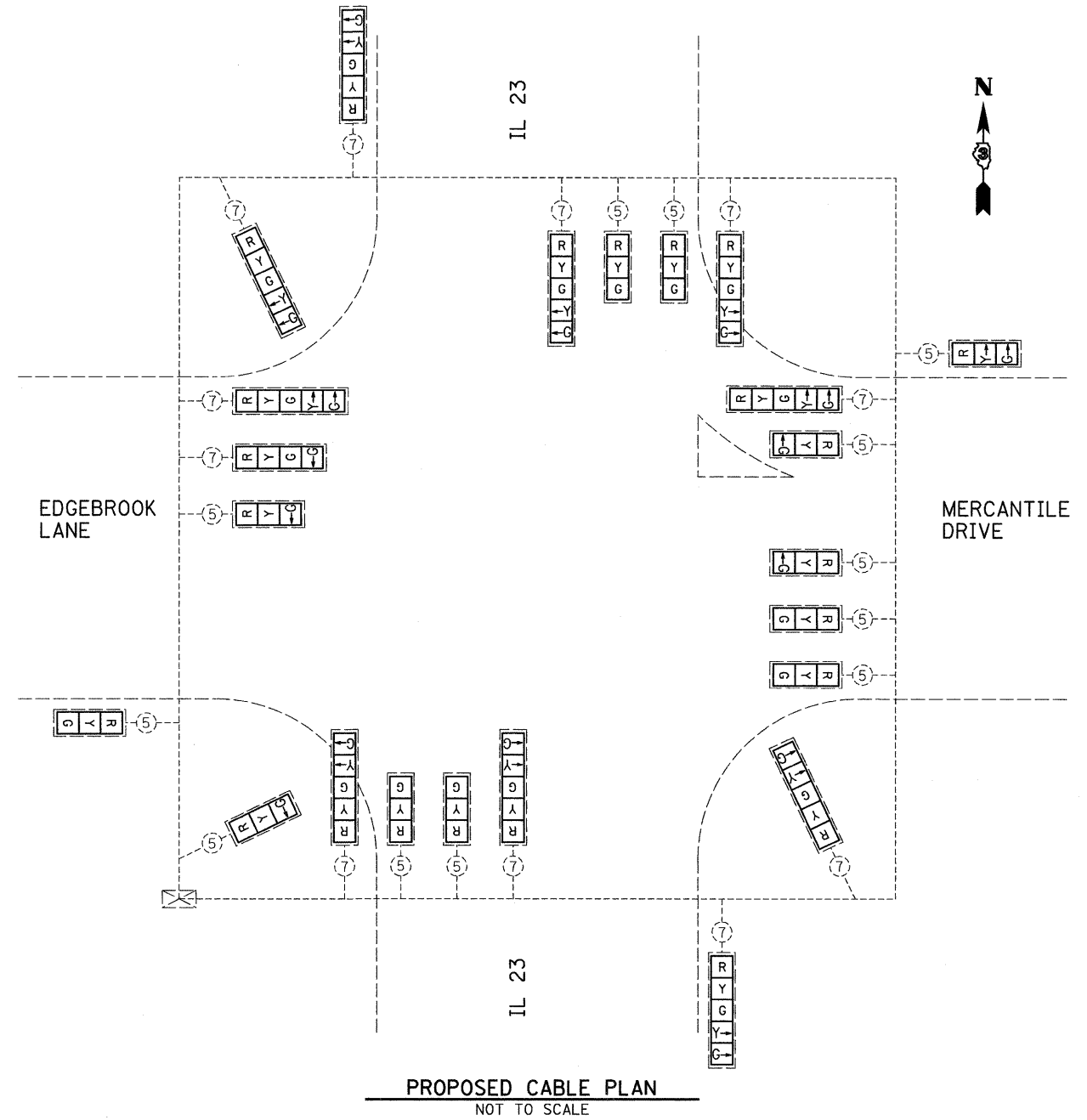


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
IL 23	RED	12	7	35
	YELLOW	12	12	5
	GREEN	12	9.5	60
	YELLOW ARROW LT.	4	6	5
	GREEN ARROW LT.	4	6	10
	YELLOW ARROW RT.	4	6	5
	GREEN ARROW RT.	4	6	10
EDGEBROOK LANE/ MERCANTILE DRIVE	RED	11	7	60
	YELLOW	10	12	5
	GREEN	6	9.5	35
	GREEN ARROW LT.	5	6	10
	YELLOW ARROW RT.	3	6	5
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 SYCAMORE

CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE TWELVE (12) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE TEN (10) 5-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE ONE (1) 4-SECTION HEAD WITH A LED SIGNAL HEAD.



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

SYCAMORE IL 23 & EDGEBROOK LN./MERCANTILE 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	23
Z0033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	18
Z0033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	22
Z0033010	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	11
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	16

(7)	DENOTES NUMBER OF EXISTING CONDUCTORS
[CABINET]	EXISTING CONTROLLER AND CABINET
[SECTION]	SIGNAL SECTION 12"
[Y-]	LEFT TURN YELLOW
[G-]	LEFT TURN GREEN
[Y-]	RIGHT TURN YELLOW
[G-]	RIGHT TURN GREEN
[RETR]	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME = 0366B54-SHT-TS-CABLE-SYCAMORE-IL23-EDGEBROOK.DGN

USER NAME = --

DESIGNED - --

REVISED - ---

DRAWN - ARR/NV

REVISED - ---

PLOT SCALE = 1" = 20'

CHECKED - JKC

REVISED - ---

PLOT DATE = 10/11

DATE - 10/11

REVISED - ---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
SYCAMORE - IL 23 & EDGEBROOK LANE /MERCANTILE 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	32
CONTRACT NO. 66B54			ILLINOIS FED. AID PROJECT	