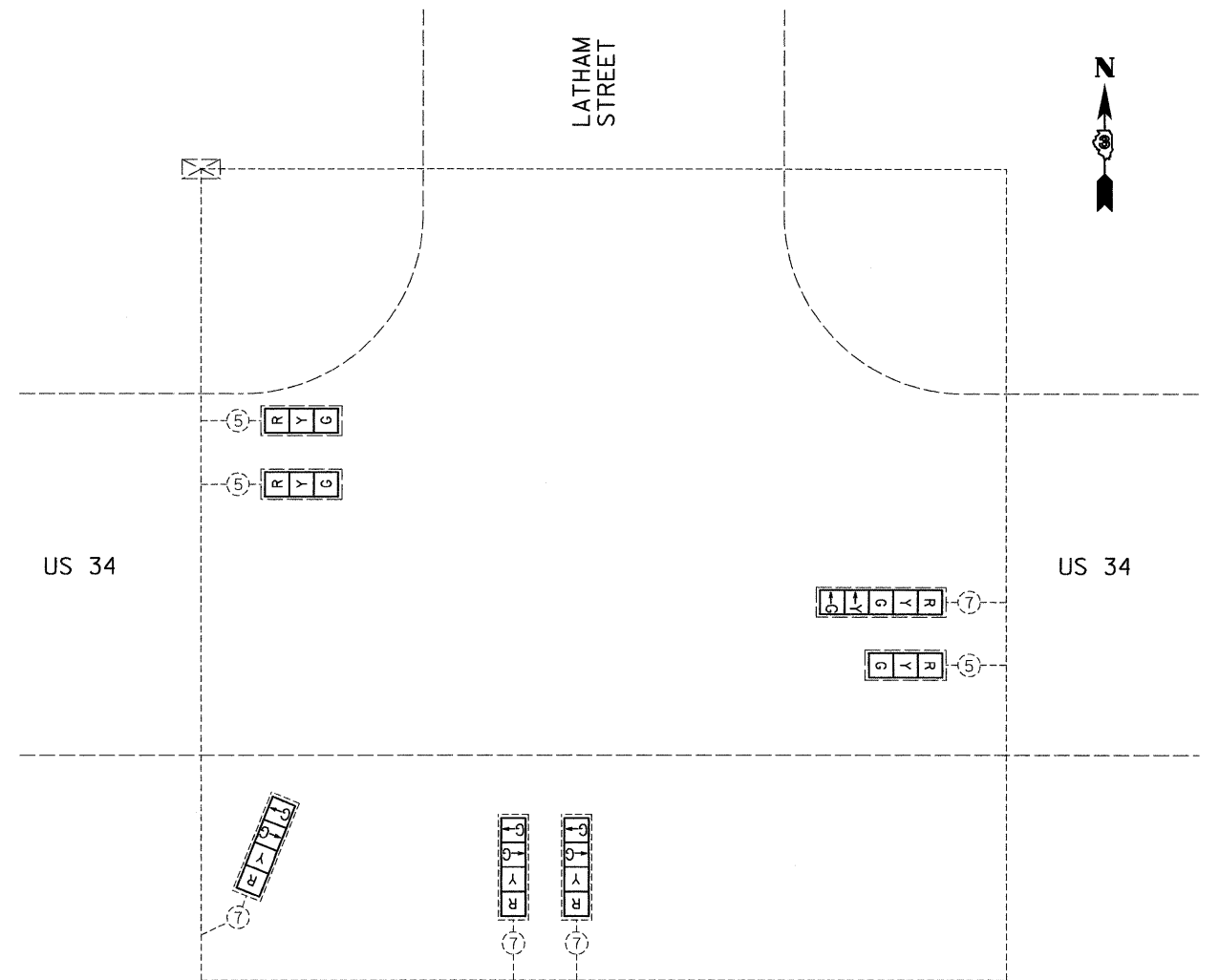


ELECTRICAL LOAD FOR INTERSECTION				
STREET NAME	COMPONENT	NUMBER	WATTAGE EACH	BURNTIME %
US 34	RED	4	7	35
	YELLOW	4	12	5
	GREEN	4	9.5	60
	YELLOW ARROW LT.	1	6	5
	GREEN ARROW LT.	1	6	10
LATHAM STREET	RED	3	7	60
	YELLOW	3	12	5
	GREEN ARROW LT.	3	6	35
	GREEN ARROW RT.	3	6	35
TRAFFIC SIGNAL CABINET	CONTROLLER	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:
 CITY OF SANDWICH

CONSTRUCTION NOTES:

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



PROPOSED CABLE PLAN
 NOT TO SCALE

SCHEDULE OF QUANTITIES (96.7% STATE / 3.3% CITY)

SANDWICH US 34 & LATHAM ST.

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	7
Z0033004	LED SIGNAL FACE RETROFIT, GREEN BALL	EACH	4
Z0033008	LED SIGNAL FACE RETROFIT, YELLOW BALL	EACH	7
Z0033010	LED SIGNAL FACE RETROFIT, YELLOW ARROW	EACH	1
Z0033012	LED SIGNAL FACE RETROFIT, GREEN ARROW	EACH	7

TRAFFIC SIGNALS LEGEND

	DENOTES NUMBER OF EXISTING CONDUCTORS
	EXISTING CONTROLLER AND CABINET
	SIGNAL SECTION 12"
	LEFT TURN YELLOW
	LEFT TURN GREEN
	RIGHT TURN GREEN
	RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS

FILE NAME = 0366B54-SHT-TS-CABLE-SANDWICH-US34-LATHAM.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
 SANDWICH - US 34 & LATHAM STREET

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 30

CONTRACT NO. 66B54

ILLINOIS FED. AID PROJECT