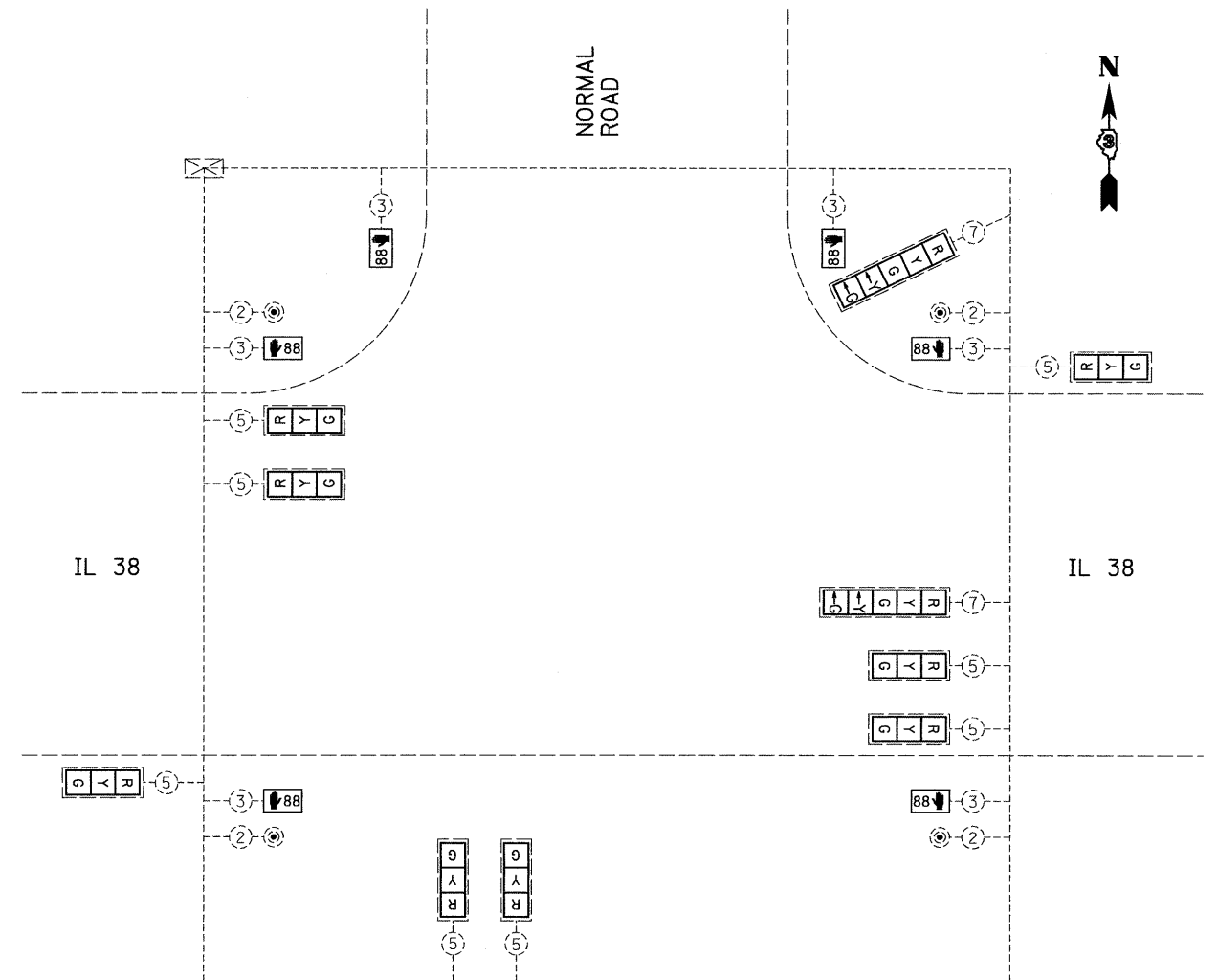


| ELECTRICAL LOAD FOR INTERSECTION | | | | |
|----------------------------------|------------------|--------|--------------|------------|
| STREET NAME | COMPONENT | NUMBER | WATTAGE EACH | BURNTIME % |
| IL 38 | RED | 8 | 7 | 35 |
| | YELLOW | 8 | 12 | 5 |
| | GREEN | 8 | 9.5 | 60 |
| | YELLOW ARROW LT. | 2 | 6 | 5 |
| | GREEN ARROW LT. | 2 | 6 | 10 |
| | | 4 | 11/10 | 50/50 |
| NORMAL ROAD | RED | 2 | 7 | 60 |
| | YELLOW | 2 | 12 | 5 |
| | GREEN | 2 | 9.5 | 35 |
| | | 2 | 11/10 | 50/50 |
| | | 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:
 CITY OF DEKALB

CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE EIGHT (8) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- RETROFIT THE TWO (2) 5-SECTION HEADS WITH LED SIGNAL HEADS.
- REMOVE AND REPLACE SIX (6) 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:
 6 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED



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

DEKALB IL 38 & NORMAL 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 | 6 |
| 89502210 | MODIFY EXISTING CONTROLLER CABINET | EACH | 1 |
| 89502375 | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT | EACH | 1 |
| Z0033002 | LED SIGNAL FACE RETROFIT, RED BALL | EACH | 10 |
| Z0033004 | LED SIGNAL FACE RETROFIT, GREEN BALL | EACH | 10 |
| Z0033008 | LED SIGNAL FACE RETROFIT, YELLOW BALL | EACH | 10 |
| Z0033010 | LED SIGNAL FACE RETROFIT, YELLOW ARROW | EACH | 2 |
| Z0033012 | LED SIGNAL FACE RETROFIT, GREEN ARROW | EACH | 2 |

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 |
| | EXISTING PEDESTRIAN PUSH BUTTON |
| | PROPOSED WALK/DON'T WALK WITH COUNT DOWN TIMER |
| | RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS |

FILE NAME = D366B54-SHT-TS-CABLE-DEKALB-IL38-NORMAL.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
DEKALB - IL 38 & NORMAL ROAD

F.A. RTE. --

SECTION D-3 LED RETROFIT 2012-1

COUNTY DEKALB

TOTAL SHEETS 41

SHEET NO. 11

CONTRACT NO. 66B54

SCALE: 1" = 20'

SHEET NO. ___ OF ___ SHEETS

STA. _____ TO STA. _____

ILLINOIS FED. AID PROJECT