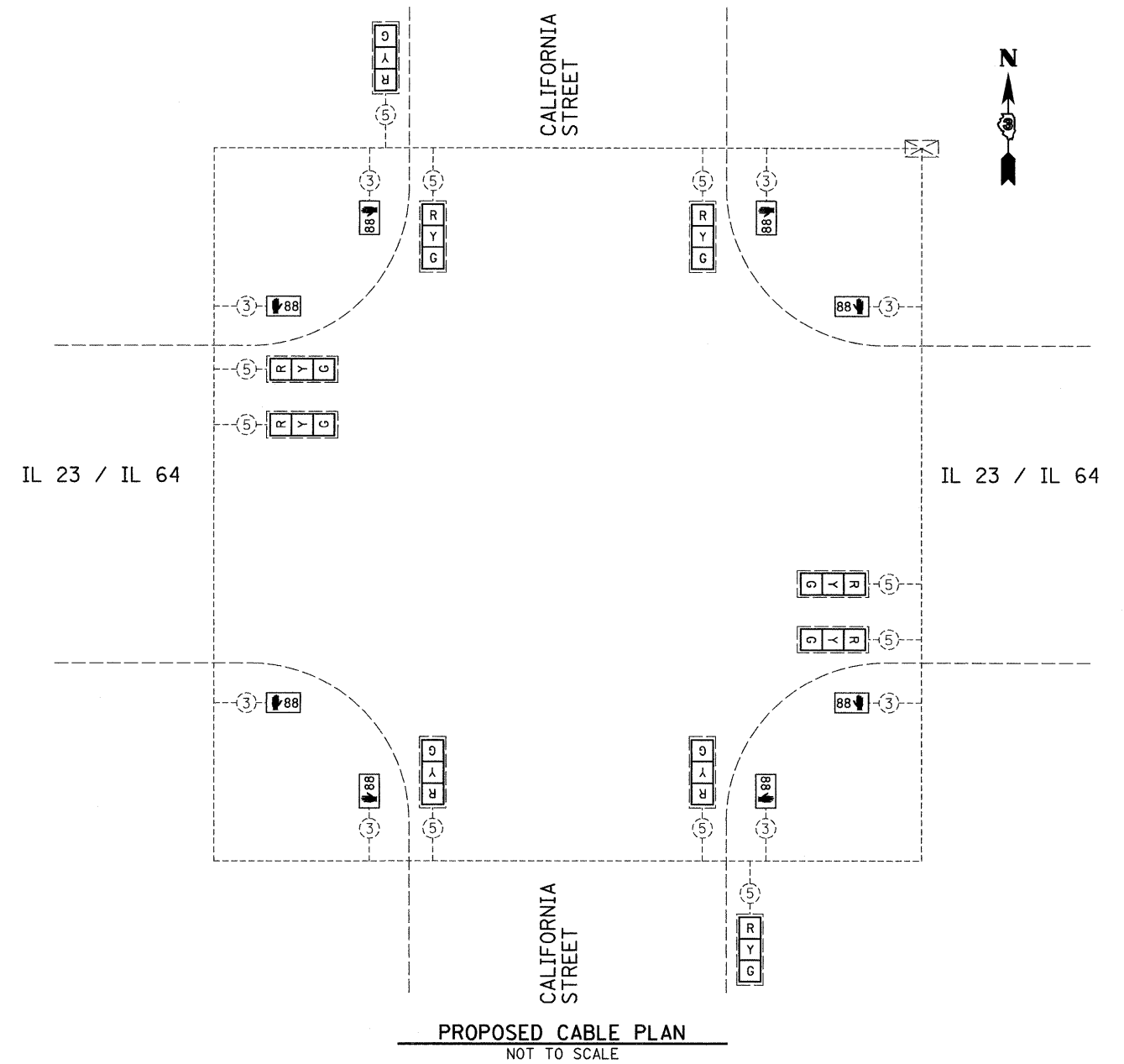


| ELECTRICAL LOAD FOR INTERSECTION | | | | |
|----------------------------------|------------|--------|--------------|------------|
| STREET NAME | COMPONENT | NUMBER | WATTAGE EACH | BURNTIME % |
| IL 23 / IL 64 | RED | 4 | 7 | 35 |
| | YELLOW | 4 | 12 | 5 |
| | GREEN | 4 | 9.5 | 60 |
| | | 4 | 11/10 | 50/50 |
| | | 4 | 8 | 50 |
| CALIFORNIA STREET | RED | 6 | 7 | 60 |
| | YELLOW | 6 | 12 | 5 |
| | GREEN | 6 | 9.5 | 35 |
| | | 4 | 11/10 | 50/50 |
| | | 4 | 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 SYCAMORE

CONSTRUCTION NOTES:

- MODIFY EXISTING CONTROLLER CABINET.
- INSTALL UNINTERRUPTABLE POWER SUPPLY.
- RETROFIT THE TEN (10) 3-SECTION HEADS WITH LED SIGNAL HEADS.
- REMOVE AND REPLACE EIGHT (8) 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:
 8 EACH - PEDESTRIAN SIGNAL HEAD, 1-FACE, BRACKET MOUNTED



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

SYCAMORE IL 23/IL 64 & CALIFORNIA ST.

| 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 | 8 |
| 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 |

| | |
|--|---|
| | DENOTES NUMBER OF EXISTING CONDUCTORS |
| | EXISTING CONTROLLER AND CABINET |
| | SIGNAL SECTION 12" |
| | PROPOSED WALK/DON'T WALK WITH COUNT DOWN TIMER |
| | RETROFIT EXISTING TRAFFIC SIGNAL WITH LED HEADS |

FILE NAME = 0368854-SHT-TS-CABLE-SYCAMORE-IL23-CALIFORNIA.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
 SYCAMORE - IL 23 / 64 & CALIFORNIA 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 | 38 |

CONTRACT NO. 66B54
 ILLINOIS FED. AID PROJECT