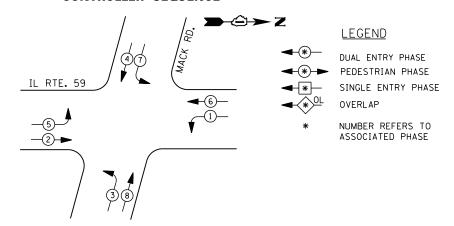
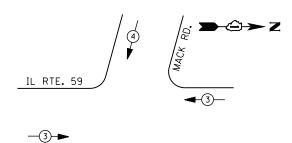
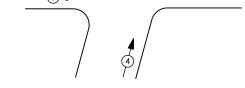


CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM





EMERGENCY VEHICLE PREEMPTION SEQUENCE

| EMERGENCY VEHICLE PREEMPTORS | | | | | | |
|------------------------------|----------|------------|--|--|--|--|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 | | | | |
| MOVEMENT | — | ↓ ↑ | | | | |

| I. D. O. T. | | | | | | | | | |
|---------------------------------|-----------|---------|------|--------------|---------|--|--|--|--|
| TRAFFIC SIGNAL INSTALLATION | | | | | | | | | |
| ELECTRICAL SERVICE REQUIREMENTS | | | | | | | | | |
| TYPE | NO. LAMPS | WATTAGE | | % OPERATIONS | TOTAL | | | | |
| | | INCAND. | LED | | WATTAGE | | | | |
| SIGNAL (RED) | 12 | 1 35 | 17 | 0.50 | 102 | | | | |
| (YELLOW) | 12 | 1 35 | 25 | 0.25 | 75 | | | | |
| (GREEN) | 12 | 1 35 | 15 | 0.25 | 45 | | | | |
| ARROW | 16 | 1 35 | 12 | 0.10 | 20 | | | | |
| PED. SIGNAL | | 90 | 25 | 1.00 | | | | | |
| CONTROLLER | 1 | 100 | 1 00 | 1.00 | 100 | | | | |
| ILLUM. SIGN | | 252 | 25 | 0.05 | - | | | | |
| VIDEO SYSTEM | | 150 | - | 1.00 | 1 | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| FLASHER LED | | | | | | | | | |

TOTAL =

342

WARRENVILLE, ILLINOIS 60555

ENERGY SUPPLY - CONTACT JOE STACHO
PHONE 630-424-5704
COMMONWEALTH EDISON

BILLED TO: CITY OF WARRENVILLE

3S258 MANNING AVENUE

ENERGY COSTS-

→②→ Z -NO. 6 GREEN **UPS** R > 0 > 0 **↑** ↑ ∩ ≺ ¬ IL RTE. 59 **2** ≻ ∪ NO. 6-GREEN **↑** ↑ ∩ ≺ æ ດ ≺ ສ -TRACER CABLE TRACER CABLE INTERCONNECT TO JOLIET ST./ EDGEWOOD WALK INTERCONNECT TO BATAVIA RD. NO. 6-GREEN

CABLE PLAN

SCHEDULE OF QUANTITIES

| <u>QUANTITY</u> | <u>UNIT</u> | ITEM |
|-----------------|-------------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 4 | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED |
| 4 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED |
| 4 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED |
| 8 | EACH | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM |
| 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| 1 | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT |
| 1 | EACH | UNINTERRUPTABLE POWER SUPPLY, SPECIAL |

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

4 EACH SIGNAL HEAD, 3 - SECTION 8 EACH SIGNAL HEAD, 5 - SECTION 8 EACH TRAFFIC SIGNAL BACKPLATE

> TS# 12021 WARRENVILLE

| FILE NAME = | USER NAME = \$USER\$ | DESIGNED - | DW | REVISED - | STATE OF ILLINOIS | IL ROUTE 59 AT MACK ROAD SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION DIAGRAM | | | SECTION | | TOTAL S SHEETS | HEET NO. |
|--|------------------------|------------|-----|-----------|------------------------------|--|--|--|-----------------|-----------------|-------------------|-------------|
| N:\Projects3\12062\DesignCAD\Sheet Files | 12021_CAB_DUPAGE.dgn | DRAWN - | JDH | REVISED - | | | | | 2012-082TS | DUPAGE | 88 | 69 |
| | PLOT SCALE = \$SCALE\$ | CHECKED - | КММ | REVISED - | DEPARTMENT OF TRANSPORTATION | SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA. | | | | CONTRACT | NO. 60 | w00 |
| | PLOT DATE = 2/5/2013 | DATE - | | REVISED - | | | | | ILLINOIS FED. A | ED. AID PROJECT | | |