



| EMERGENCY VE | HICLE PRI | EEMPTORS |
|--------------------------------|-----------|----------|
| EMERGENCY VEHICLE PREEMPTOR | 3 | 4 |
| MOVEMENT | + | † |

I. D. O. T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS

| LELECTRICAL SERVICE REGULTREMENTS | | | | | |
|-----------------------------------|-----------|---------|------|--------------|---------|
| 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 | 8 | 1 35 | 12 | 0.10 | 10 |
| PED. SIGNAL | 0 | 90 | 25 | 1.00 | |
| CONTROLLER | 1 | 100 | 1 00 | 1.00 | 100 |
| ILLUM. SIGN | | 252 | 25 | 0.05 | |
| VIDEO SYSTEM | | 150 | - | 1.00 | |
| | | | | | |
| | | | | | |
| FLASHER LED | | | | | |

ENERGY COSTS-

BILLED TO: VILLAGE OF LINCOLNSHIRE 1 OLDE HALF DAY RD.

LINCOLNSHIRE, IL 60069

ENERGY SUPPLY -

CONTACT TERRI BLECK PHONE 847-816-5239

COMMONWEALTH EDISON

TOTAL =

332

DUAL ENTRY PHASE PEDESTRIAN PHASE SINGLE ENTRY PHASE

NUMBER REFERS TO ASSOCIATED PHASE

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

ILLINOIS ROUTE 21 (MILWAUKEE AVENUE)

TRACER CABLE

INTERCONNECT TO

KNIGHTS BRIDGE PKWY.

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.

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

SIGNAL POST

SCHEDULE OF QUANTITIES

| <u>QUANTITY</u> | UNIT | <u>ITEM</u> |
|-----------------|------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 2 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. |
| 2 5 3 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT. |
| 5 | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED |
| 3 | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED |
| 2 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED |
| 2 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED |
| 7 | EACH | TRAFFIC SIGNAL BACKPLATE, LOUVERED, ALUMINUM |
| 1 | EACH | MODIFY EXISTING CONTROLLER CABINET |
| Ī | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT |
| Ĩ | EACH | UNINTERRUPTABLE POWER SUPPLY, SPECIAL |

UPS SHALL BE INSTALLED ON LEFT SIDE OF CONTROLLER CABINET DUE TO PHYSICAL CONSTRAINT, OR AS DIRECTED BY THE ENGINEER

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TYPE A CONCRETE FOUNDATION.

REPLACE 16 FT. PAINTED POST. RE-USE EXISTING

REPLACE 18 FT. PAINTED POST. RE-USE EXISTING

CONTRACTOR SHALL RELOCATE EXISTING SIGN PANELS FROM PAINTED POSTS THAT ARE INDICATED FOR REPLACEMENT TO A NEW POSTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL, RELOCATION AND ANY NEW MOUNTING HARDWARE NECESSARY TO COMPLETE THIS WORK SHALL BE INCLUDED IN THE TRAFFIC SIGNAL POST, GALVANIZED STEEL PAY ITEM OF THE LENGTH AS SPECIFIED IN THE PLANS.

TS# 6695 LINCOLNSHIRE

TRACER CABLE

INTERCONNECT TO

ILLINOIS ROUTE 22

FILE NAME = DESIGNED REVISED USER NAME = \$USER\$ DW N:\Projects3\12004\DesignCAD\Sheet Fil 12-001 Sheets SE Lake Co\06695_CAB_LAKE.do DRAWN JDH REVISED CHECKED КММ REVISED PLOT DATE = 3/28/2012 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

SECTION COUNTY IL RTE. 21 (MILWAUKEE AVE.) & MARRIOTT DRIVE - CABLE PLAN, 2012-003 I LAKE 102 31 SCHEDULE OF QUANTITIES, PHASE DESIGN. DIAGRAM & EVP SEQUENCE CONTRACT NO. 60T41 SCALE: N.T.S. SHEET NO. OF SHEETS STA.

REPLACE 14 FT. PAINTED POST. RE-USE EXISTING

MARRIOTT DRIVE

REPLACE 15 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

TYPE A CONCRETE FOUNDATION.

CABLE PLAN

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TYPE A CONCRETE FOUNDATION.