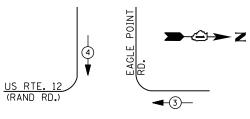


LEGEND

DUAL ENTRY PHASE PEDESTRIAN PHASE SINGLE ENTRY PHASE

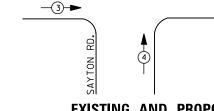
NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM



EXISTING FIBER OPTIC SPLICE BOX, POWER SUPPLIES, PTZ SURGE PROTECTORS, ALL NECESSARY WIRING/CABLES AND ANY ADDITIONAL LAKE COUNTY EQUIPMENT SHALL BE RELOCATED TO NEW CONTROLLER CABINET AS NECESSARY, OR AS DIRECTED BY THE ENGINEER IN ORDER TO MAINTAIN THE EXISTING INTERCONNECT SYSTEM. CARE SHOULD BE TAKEN TO NOT DAMAGE EXISTING FIBER OPTIC CABLE, SPLICES OR TERMINATIONS. REPAIR OF ANY DAMAGED EQUIPMENT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COST OF THIS WORK SHALL BE INCLUDED IN THE FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL PAY ITEM.

CONTRACTOR SHALL RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM, PHASING UNIT TO A NEW CONTROLLER CABINET. THE COST OF THIS WORK SHALL BE INCLUDED IN THE FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL PAY ITEM.



EXISTING AND PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

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

| TRAFFIC SIGNAL INSTALLATION | | | | | | | | | | | | | |
|---------------------------------|-----------|---------|------|--------------|---------|--|--|--|--|--|--|--|--|
| ELECTRICAL SERVICE REQUIREMENTS | | | | | | | | | | | | | |
| TYPE | NO. LAMPS | WAT | TAGE | % OPERATIONS | TOTAL | | | | | | | | |
| | | INCAND. | LED | | WATTAGE | | | | | | | | |
| SIGNAL (RED) | 13 | 1 35 | 17 | 0.50 | 111 | | | | | | | | |
| (YELLOW) | 13 | 1 35 | 25 | 0.25 | 81 | | | | | | | | |
| (GREEN) | 13 | 1 35 | 15 | 0.25 | 49 | | | | | | | | |
| ARROW | 16 | 1 35 | 12 | 0.10 | 19 | | | | | | | | |
| PED. SIGNAL | 2 | 90 | 25 | 1.00 | 50 | | | | | | | | |
| CONTROLLER | 1 | 100 | 1 00 | 1.00 | 100 | | | | | | | | |
| ILLUM. SIGN | | 252 | 25 | 0.05 | | | | | | | | | |
| VIDEO SYSTEM | 1 | 150 | - | 1.00 | 150 | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| FLASHER LED | | | | | | | | | | | | | |

I. D. O. T.

ENERGY COSTS-

ENERGY SUPPLY -

BILLED TO: VILLAGE OF FOX LAKE

66 THILLEN DRIVE FOX LAKE, IL 60020

TOTAL =

560

CONTACT TERRI BLECK

PHONE 847-816-5239

COMMONWEALTH EDISON

SCHEDULE OF QUANTITIES

| <u>QUANTITY</u> | <u>UNIT</u> | <u>I TEM</u> |
|-----------------|-------------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 1 | EACH | TRANSCEIVER - FIBER OPTIC |
| 10 | EACH | INDUCTIVE LOOP DETECTOR |
| 2 | EACH | PEDESTRIAN PUSH-BUTTON |
| 1 | EACH | REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT |
| 1 | EACH | RELOCATE EXISTING SWITCH (SPECIAL) |
| 1 | EACH | RELOCATE EXISTING VIDEO ENCODER, SPECIAL |
| 1 | EACH | FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL |
| 1 | EACH | UNINTERRUPTABLE POWER SUPPLY, SPECIAL |
| | | |

EXISTING INTERSECTION—
AND SAMPLING (SYSTEM)

DETECTORS

US RTE. 12 (RAND RD.) NO. 6-GREEN SAYTON RD. NO. 6 GREEN **CABLE PLAN** THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT

R.

POINT

EAGLE

NO. 6 GREEN

> 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.

EACH PEDESTRI AN PUSH-BUTTON

EACH CONTROLLER AND CABINET (COMPLETE)

> TS# 12290 FOX LAKE

Ð-Ĝ-≻Z

INTERCONNECT TO

TRACER CABLE

GRAND AVE.

| FILE NAME = | USER NAME = \$USER\$ | DESIGNED - | DW | REVISED - | | | US ROUTE | 12 AT E/ | AGLE POII | NT ROAD | SAYTON ROAD | F.A. | SECTION | COUNTY | TOTAL | SHEET |
|--|--|------------|-----|-----------|------------------------------|---|----------|----------|-----------|------------|------------------|-----------|---------|---------|-------|-------|
| N:\Projects3\12004\DesignCAD\Sheet Files | 12-004 Sheets NW Lake Co\12290_CAB_LAKE.dg | DRAWN - | JDH | REVISED - | STATE OF ILLINOIS | SCHEDULE OF QUANTITIES, CABLE PLAN, PHASE DESIGNATION D | | | 1 | 2012-040TS | LAKE | 60 | 24 | | | |
| | PLOT SCALE = \$SCALE\$ | CHECKED - | KMM | REVISED - | DEPARTMENT OF TRANSPORTATION | AND EMERGENCY VEHICLE PREEMPTION SEQUENCE | | | | | | | CONTRAC | T NO. f | 60T85 | |
| | PLOT DATE = 12/10/2012 | DATE - | | REVISED - | | SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA. | | | | | ILLINOIS FED. AI | D PROJECT | | | | |