

LEGEND

DUAL ENTRY PHASE PEDESTRIAN PHASE SINGLE ENTRY PHASE

NUMBER REFERS TO

ASSOCIATED PHASE

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

TYPE A CONCRETE FOUNDATION.

REPLACE 14 FT. PAINTED POST. RE-USE EXISTING

REPLACE 16 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

REPLACE 18 FT. PAINTED POST. RE-USE EXISTING TYPE A CONCRETE FOUNDATION.

16TH ST.

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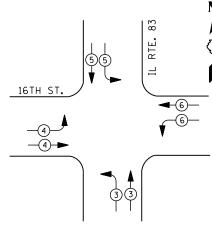
NO. 6 -GREEN

CABLE PLAN

| RIGHT | THRN | OVERI AP | PHASE | DESIGNATION |
|-------|------|----------|-------|-------------|
| | | | | |

| OVERLAP | | PERMISSIVE | | PROTECTED | | DISPLAY |
|---------|---|------------|---|-----------|---|---------|
| LETTER | ₹ | PHASE | | PHASE | | PHASE |
| Α | = | 2 | + | 3 | - | 2 |
| В | = | 4 | + | 5 | - | 4 |
| С | = | 6 | + | 7 | - | 6 |
| D | = | 8 | + | 1 | _ | 8 |

PHASE DESIGNATION DIAGRAM



| | RTE. 83 | |
|------------|----------------|--|
| 16TH ST. ▼ | □ □ □ □ | |

EMERGENCY VEHICLE PREEMPTION SEQUENCE

| EMERGENCY VEHICLE PREEMPTORS | | | | |
|------------------------------|----------|---|---|---|
| EMERGENCY VEHICLE PREEMPTOR | 3 4 | | 5 | 6 |
| MOVEMENT | — | 1 | | |

| | | I. D. O | . Т. | | |
|--------------|------------|----------|---------|--------------|---------|
| | TRAFFIC S | I GNAL I | NSTALLA | TION | |
| | ELECTRICAL | SERVI CE | REQUIR | EMENTS | |
| TYPE | NO. LAMPS | WAT | TAGE | % OPERATIONS | TOTAL |
| | | INCAND. | LED | | WATTAGE |
| SIGNAL (RED) | 22 | 1 35 | 1 7 | 0.50 | 187 |
| (YELLOW) | 22 | 1 35 | 25 | 0.25 | 138 |
| (GREEN) | 24 | 1 35 | 15 | 0.25 | 90 |
| ARROW | 12 | 1 35 | 12 | 0.10 | 14 |
| PED. SIGNAL | | 90 | 25 | 1.00 | |
| CONTROLLER | 1 | 1 00 | 100 | 1.00 | 100 |
| ILLUM. SIGN | | 252 | 25 | 0.05 | |
| VIDEO SYSTEM | | 150 | - | 1.00 | - |
| | | | | | |
| | | | | | |
| FLASHER LED | | | | | |
| | | | | TOTAL = | 529 |

USER NAME = \$USER\$

PLOT DATE = 2/5/2013

N:\Projects3\12062\DesignCAD\Sheet Files 625_CAB_DUPAGE.dgn

FILE NAME =

ENERGY SUPPLY -CONTACT JOE STACHO PHONE

630-424-5704 COMMONWEALTH EDISON

DESIGNED

CHECKED

DRAWN

DATE

DW

JDH

KMM

| <u>QUANTITY</u> | <u>UNIT</u> | <u>ITEM</u> |
|-----------------|-------------|---|
| 1 | EACH | MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION |
| 1 | EACH | TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT. |
| 8 | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED |
| 2 | EACH | SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED |
| 4 | EACH | SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED |
| 4 | EACH | SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED |
| 12 | 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 |

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

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.

EXISTING INTERSECTION

AND SAMPLING (SYSTEM)

-NO. 6

GREEN

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DETECTORS

+R +Y +G

10 EACH SIGNAL HEAD, 1 - FACE, 3 - SECTION SIGNAL HEAD, 1 - FACE, 4 - SECTION EACH SIGNAL HEAD, 1 - FACE, 5 - SECTION EACH SIGNAL HEAD, 2 - FACE, 1 - 3 - SECTION, 1 - 4 - SECTION EACH SIGNAL HEAD, 2 - FACE, 1 - 3 - SECTION, 1 - 5 - SECTION EACH TRAFFIC SIGNAL BACKPLATE

TS# 625

GREEN

INTERCONNECT TO

SCHED SCALE: N.T.S.

| | | 1 | EACH | SIGNAL | L POST | | | | UAI | \ Dr | ROOK |
|---|-------|-------|-----------|------------|---------------|----------------------------------|--------------|------------------|-----------|-----------------|--------------|
| _ | | | | E 83 AT 16 | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| D | | | | | | ESIGNATION DIAGRAM I SEQUENCE | | 2012-082TS | DUPAGE | 88 | 50 |
| _ | AND | CIVIE | INGENUT 1 | VERICLE FA | EEIVIF I JUIN | SEQUENCE | | | CONTRACT | NO. 6 | 50W00 |
| | SHEET | NO. | OF | SHEETS | STA. | TO STA. | | ILLINOIS FED. AI | D PROJECT | | |

-EXISTING INTERSECTION AND SAMPLING (SYSTEM)

DETECTORS

| SCHEDULE | 0F | QUANTITIES |
|-----------------|----|------------|

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| | | 20/11111120 |
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| | | |
| <u>ANT I T Y</u> | <u>UNIT</u> | <u>I TEM</u> |
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BILLED TO: OAKBROOK SHOPPING CENTER ENERGY COSTS-