

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
IMPROVEMENTS**

VARIOUS ROUTES
SECTION D6 LIGHTING 2014-1

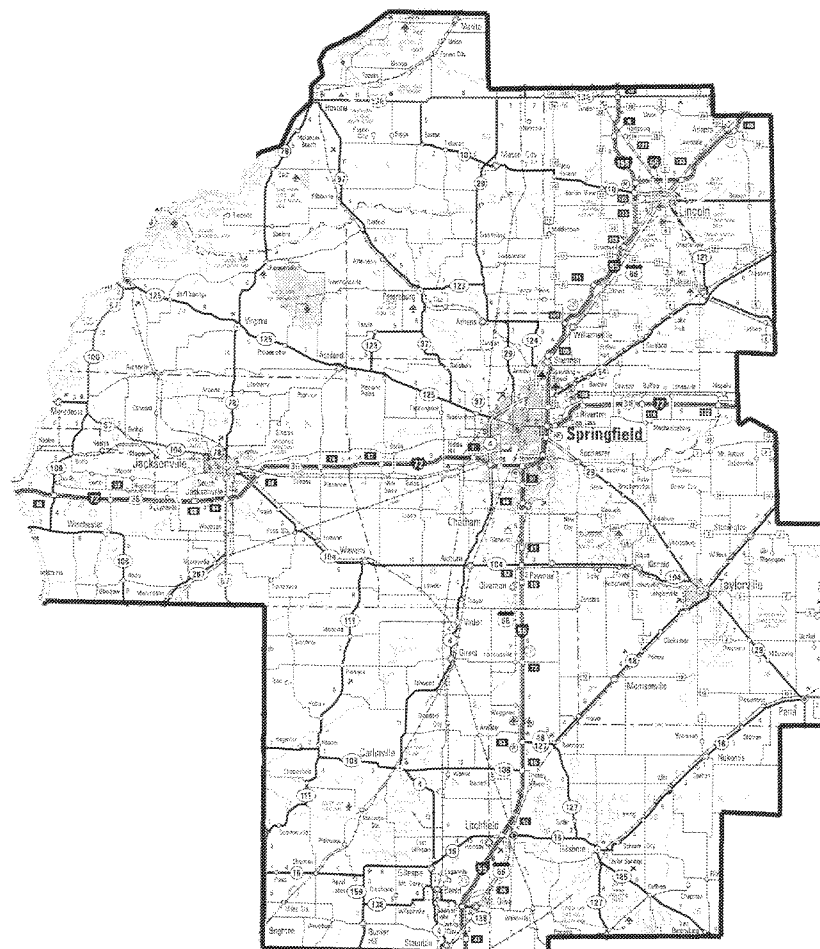
VARIOUS COUNTIES

C-96-103-14

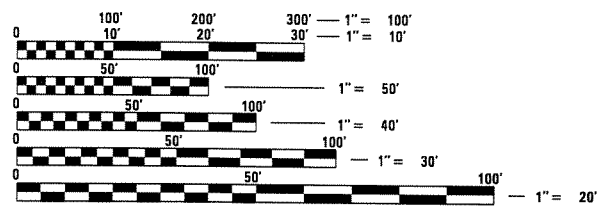
FOR INDEX OF SHEETS, SEE SHEET NO. 2

| RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------|--------------------|----------|--------------------|-----------|
| VAR. | D6 LIGHTING 2014-1 | VARIOUS | 3 | 1 |
| | | ILLINOIS | CONTRACT NO. 72H32 | |

D-96-103-14



LOCATION MAP



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER
PROJECT MANAGER

CONTRACT NO. 72H32



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED OCTOBER 31 2014
Ray ZDruk
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

20 _____
ENGINEER OF DESIGN AND ENVIRONMENT

20 _____
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1. COVER
2. INDEX OF SHEETS AND HIGHWAY STANDARDS
3. SUMMARY OF QUANTITIES AND GENERAL NOTES

HIGHWAY STANDARDS

- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY FROM EDGE OF PAVEMENT
- 701006-05 OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-04 OFF-RD MOVING OPERATION, 2L, 2W, DAY ONLY
- 701101-04 OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701206-03 LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS ≥ 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701306-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEED ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
- 701401-09 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-09 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
- 701411-09 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
- 701421-07 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, OR SPEEDS ≥ 45 MPH TO 55 MPH
- 701422-07 LANE CLOSURE, MULTILANE, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701428 TRAFFIC CONTROL SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
- 701446-06 TWO LANE CLOSURE FREEWAY/EXPRESSWAY
- 701451-03 RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701456-03 PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701502-06 URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
- 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701602-07 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-10 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-09 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-04 TRAFFIC CONTROL DEVICES
- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

| | | | | | | | | | | |
|-------------------------------------|------------------------------------|------------|-----------|---|--|--------|--------------------|---------------------------|---------------------------|-----------|
| FILE NAME = | USER NAME = sherptd | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS AND HIGHWAY STANDARDS | RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ci\work\awidot\sherptd\0405027\0672 | 32-sh2-genote.dgn | DRAWN - | REVISED - | | | VAR. | D6 LIGHTING 2014-1 | VARIOUS | 3 | 2 |
| Default | PLOT SCALE = 58.0000' / in. | CHECKED - | REVISED - | | | | | CONTRACT NO. 72H32 | | |
| | PLOT DATE = Oct-16-2014 07:27:31AM | DATE - | REVISED - | | | SCALE: | SHEET OF SHEETS | STA. TO STA. | ILLINOIS FED. AID PROJECT | |

100% STATE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|----------|---|------|----------------|
| | | | 0021 |
| X8250230 | PHOTOCELL | EACH | 10 |
| X1400035 | 150W HPS LAMP/NON CYCLING | EACH | 10 |
| X1400036 | 250W HPS LAMP/NON CYCLING | EACH | 190 |
| X1400037 | 400W HPS LAMP/NON CYCLING | EACH | 75 |
| X1400039 | 150W-240V HPS TRANSFORMER KIT | EACH | 2 |
| X1400040 | 250W-240V HPS TRANSFORMER KIT (GE) | EACH | 3 |
| X1400041 | 250W-480V HPS TRANSFORMER KIT (GE) | EACH | 2 |
| X1400042 | 250W-480V HPS TRANSFORMER KIT (HOLOPHANE) | EACH | 10 |
| X1400052 | 250W-240V HPS TRANSFORMER KIT (HOLOPHONE) | EACH | 3 |
| X1400054 | 150W-480V HPS TRANSFORMER KIT | EACH | 6 |
| X1400055 | 400W-240V HPS TRANSFORMER KIT | EACH | 2 |
| X1400056 | 400W-480V HPS TRANSFORMER KIT | EACH | 6 |
| X1400043 | 12" SIGNAL HEAD WITHOUT VISOR (POLYCARBONATE) | EACH | 3 |
| X1400044 | 12" SIGNAL HEAD VISOR (POLYCARBONATE) | EACH | 6 |
| X1400045 | ELASTIMOLD FUSE HOLDER | EACH | 25 |
| X1400046 | RED MARKING PAINT | EACH | 60 |
| X1400047 | SOLID STATE NEMA FLASHER | EACH | 4 |
| X1400048 | SOLID STATE NEMA LOAD SWITCH | EACH | 20 |
| X1400049 | 12" LED MODULE (GREEN) | EACH | 2 |
| X1400050 | 12" LED MODULE (YELLOW) | EACH | 2 |
| X1400051 | 12" LED MODULE (RED) | EACH | 2 |
| X1400057 | FNM 10 BUSS FUSE | EACH | 130 |
| X1400058 | 10 AMP CONTROL FUSE | EACH | 35 |
| X1400059 | 250W-480V HPS LUMINAIRE (GE) | EACH | 2 |
| X1400060 | 250W-240V HPS LUMINAIRE (GE) | EACH | 2 |
| X1400061 | 400W-480V HPS LUMINAIRE (GE) | EACH | 2 |
| X1400062 | 400W-240V HPS LUMINAIRE (GE) | EACH | 2 |
| X1400063 | #6 USE WIRE | FEET | 1,700 |
| X1400064 | #10 USE WIRE | FEET | 8,000 |
| X1400065 | 1 INCH UNIDUCT | FEET | 200 |
| X1400066 | SURRESTOR | EACH | 35 |
| X1400067 | SET (4) BREAKAWAY COUPLERS (TRANSP0 4100) | EACH | 10 |
| X1400068 | 45' WEATHERING STEEL POLE (VALMONT) | EACH | 1 |
| X1400069 | 53' WEATHERING STEEL POLE (VALMONT) | EACH | 1 |
| X1400070 | 50' ALUMINUM 15' DAVIT ARME POLE | EACH | 1 |
| X1400071 | 50' ALUMINUM 15' DUAL DAVIT ARME POLE | EACH | 1 |

100% STATE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|----------|--|------|----------------|
| | | | 0021 |
| X1400072 | ASC/2M-1000 MASTER CONTROLLER | EACH | 1 |
| X1400073 | ECONOLITE 56K SIGNAL MODEM | EACH | 1 |
| X1400074 | BUS INTERFACE UNIT | EACH | 4 |
| X1400075 | ASC 3-2100 SIGNAL CONTROLLER | EACH | 1 |
| X1400076 | COBALT CONTROLLER | EACH | 1 |
| X1400077 | AUTOSCOPE ENCORE VIDEO CAMERA | EACH | 1 |
| X1400078 | AUTOSCOPE TERRA INTERFACE PANEL | EACH | 1 |
| X1400079 | AUTOSCOPE TERRA ACCESS POINT | EACH | 1 |
| X1400080 | AUTOSCOPE (1) CAMERA RACKVISION (COMPLETE) | EACH | 1 |

100% STATE

| CODE NO. | ITEM | UNIT | TOTAL QUANTITY |
|----------|---------------------------|-------|----------------|
| | | | 0021 |
| XP000001 | JOURNEY ELECTRICIAN | hour | 900 |
| XP000002 | APPRENT ELECTRICIAN | hour | 40 |
| XP000003 | JOURNEY ELECT W OT | hour | 8 |
| XP000004 | JOURNEY ELECT W SAT OT | hour | 8 |
| XP000005 | JOURNEY ELECT W SU/H OT | hour | 8 |
| XP000006 | APPRENTICE ELECT W OT | hour | 8 |
| XP000007 | APPRENT ELECT W SAT OT | hour | 8 |
| XP000008 | APPRENT ELECT W SU/H OT | hour | 8 |
| XP000009 | PICK-UP TRUCK | hour | 428 |
| XP000011 | BUCKET TRUCK 35-65 | hour | 254 |
| XP000017 | SERVICE TRUCK WITH BUCKET | hour | 80 |
| Xp000010 | BUCKET TRUCK <35 | hour | 100 |
| XP000019 | PERCENT MARK-UP VALUE | L SUM | 1 |

13

GENERAL NOTES

This work is located on various routes in Mason, Menard, Cass, Morgan, Scott, Logan, Sangamon, Christian, Montgomery and Macoupin counties all located within Region 4, District 6. The work included in this section consists of maintaining and repairing the electrical systems and all other work necessary to complete this section.

The locations of the repair areas shall be determined by the engineer.

All work is to be replaced in kind or, as indicated on the contract plans or provisions.

Removal of damaged materials will include dismantling, loading, hauling, and disposal.

Any necessary traffic control will be provided by the contractor; appropriate standards are listed on Sheet No. 2. Traffic control shall not be paid for as separate pay items, but shall be considered a part of the contract.

The work site shall be left in a safe and orderly condition.

No material should be left on or near the roadway during non-working hours.

All excavated material, which includes digging or grading of any soil or fill material, with the exception of aggregate fills, must be left on, or incorporated within, the IDOT right-of-way due to environmental documentation requirements.

Any work order may be cancelled at the engineer's discretion.

English units of measurement shall govern over and supersede any metric units in this contract. Where included, metric units are for information only.

Electronic files and/or electronic survey information including CADD files will not be available for this project to the contractor.

No overnight lane closures will be allowed, unless emergency conditions exist.

Any reference to a standard in these plans shall be interpreted to mean the edition as indicated by the subnumber shown in the list of standards or the copy included in these plans.