

|                     |               |                  |              |           |
|---------------------|---------------|------------------|--------------|-----------|
| F.A. RTE.           | SECTION       | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 290                 | 0305-302K-L-3 | COOK             | 55           | 3         |
| STA.                | TO STA.       |                  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS      | FED. AID PROJECT |              |           |

URBAN

| SUMMARY OF QUANTITIES |  | TOTAL  | ROADWAY    | LIGHTING | SURVEILLANCE |         |
|-----------------------|--|--------|------------|----------|--------------|---------|
| CODE                  | ITEM   | UNIT   | 100% STATE | 1000     | Y030-1E      | Y032-1F |
| X8350405              | LIGHTING TOWER, 120 FT. MOUNTING HEIGHT, LUMINAIRE MT. -12 (INSTALL ONLY)                    | EACH   | 52         |          | 52           |         |
| 83700250              | LIGHT TOWER FOUNDATION, 44" DIAMETER   | FOOT   | 1,300      |          | 1,300        |         |
| 82105700              | LUMINAIRE, SODIUM VAPOR, HIGH MAST, HORIZONTAL MOUNT, 750 WATT                               | EACH   | 215        |          | 215          |         |
| 80700140              | GROUND ROD, 5/8" DIA. X 10 FT.   | EACH   | 236        |          | 236          |         |
| X8160395              | UNIT DUCT WITH 3-1/C NO. 2 AND 1/C NO. 4 GROUND, 600V (EPR-TYPE-RHW), 1/2" DIA. POLYETHYLENE | FOOT   | 34,060     |          | 34,060       |         |
| 81018900              | CONDUIT PUSHED, 4" DIA., GALVANIZED STEEL  | FOOT   | 3,240      |          | 1,890        | 1,350   |
| X0324280              | LIGHTING CONTROLLER, RADIO CONTROL, DUPLEX TYPE, WITH SCADA AND VIDEO POWER                  | EACH   | 2          |          | 2            |         |
| 80400100              | ELECTRIC SERVICE INSTALLATION  | EACH   | 2          |          | 2            |         |
| 80400200              | ELECTRIC UTILITY SERVICE CONNECTION  | L SUM  | 1          |          | 1            |         |
| X0325038              | BUCK BOOST TRANSFORMER, 240 VOLT, SINGLE PHASE   | EACH   | 16         |          | 16           |         |
| X8710028              | FIBER OPTIC CABLE 6 FIBERS, SINGLE MODE  | FOOT   | 24,800     |          |              | 24,800  |
| X8710035              | FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE   | FOOT   | 4,700      |          |              | 4,700   |
| X0323914              | FIBER OPTIC SPLICE-LATERAL   | EACH   | 6          |          |              | 6       |
| X0323957              | FIBER OPTIC SPLICE-MAINLINE  | EACH   | 1          |          |              | 1       |
| X0324597              | CLOSED CIRCUIT TELEVISION CABINET  | EACH   | 14         |          | 8            | 6       |
| X0324807              | CLOSED CIRCUIT TELEVISION CABINET EQUIPMENT  | EACH   | 6          |          |              | 6       |
| X0325049              | CLOSED CIRCUIT TELEVISION DOME CAMERA (MATERIAL ONLY)  | EACH   | 6          |          |              | 6       |
| X0324237              | CCTV DOME CAMERA HIGH MAST TOWER INSTALLATION  | EACH   | 6          |          |              | 6       |
| X0325039              | CCTV DISTRIBUTION SUBSYSTEM  | L SUM  | 1          |          |              | 1       |
| X0950130              | MODIFY EXISTING LIGHTING CONTROLLER  | EACH   | 1          |          |              | 1       |
| X8160165              | UNIT DUCT WITH 2-1/C NO. 4 AND 1/C NO. 6 GROUND, 600V (EPR-TYPE-RHW), 1/4" DIA. POLYETHYLENE | FOOT   | 7,225      |          |              | 7,225   |
| 81300820              | JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE 18"x12"x10"                             | EACH   | 10         |          | 10           |         |
| X0325047              | ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE-RHW) 3-1/C NO. 2 AND 1/C NO. 4 GROUND              | FOOT   | 2,600      |          | 2,600        |         |
| X0325048              | ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE-RHW) 2-1/C NO. 4 AND 1/C NO. 6 GROUND              | FOOT   | 525        |          |              | 525     |
| X8110119              | CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., PVC COATED, RIGID STEEL                          | FOOT   | 2,330      |          | 1830         | 500     |
| X8110117              | CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED, RIGID STEEL                              | FOOT   | 960        |          |              | 960     |
| 81400100              | HANDHOLE   | EACH   | 16         |          |              | 16      |
| 81400105              | HANDHOLE (SPECIAL)   | EACH   | 1          |          | 1            |         |
| 87900200              | DRILL EXISTING HANDHOLE  | EACH   | 2          |          |              | 2       |
| 81300960              | JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE 42"x36"x12"                             | EACH   | 4          |          |              | 4       |
| X0325040              | FIBER OPTIC INNERDUCT, 1/4" DIA.   | FOOT   | 36,000     |          |              | 36,000  |
| 81500200              | TRENCH AND BACKFILL FOR ELECTRICAL WORK  | FOOT   | 29,800     |          | 29,800       |         |
| 81701385              | ELECTRIC CABLE IN CONDUIT, 600V (EPR-TYPE USE) 3-1/C 350 MCM                                 | FOOT   | 200        |          | 200          |         |
| X8450160              | REMOVE EXISTING LIGHTING CONTROLLER AND SALVAGE  | EACH   | 2          |          | 2            |         |
| 84200500              | REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE   | EACH   | 198        |          | 198          |         |
| 84200705              | LIGHTING FOUNDATION REMOVAL, PARTIAL   | EACH   | 159        |          | 159          |         |
| 83050820              | LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM (INSTALL ONLY)                          | EACH   | 22         |          | 22           |         |
| X0323574              | MAINTENANCE OF LIGHTING SYSTEM   | CAL MO | 12         |          | 12           |         |
| X0325041              | REMOVE AND REPLACE LIGHTING UNIT IDENTIFICATION DECAL  | EACH   | 100        |          | 100          |         |
| XX000986              | REMOVAL OF EXISTING LUMINAIRE AND SALVAGE  | EACH   | 56         |          | 56           |         |

URBAN

| SUMMARY OF QUANTITIES |   | TOTAL  | ROADWAY    | LIGHTING | SURVEILLANCE |         |
|-----------------------|---|--------|------------|----------|--------------|---------|
| CODE                  | ITEM  | UNIT   | 100% STATE | 1000     | Y030-1E      | Y032-1F |
| 82106400              | LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT (INSTALL ONLY)                        | EACH   | 56         |          | 56           |         |
| 83600200              | LIGHT POLE FOUNDATION, 24" DIA.   | FOOT   | 220        |          | 220          |         |
| 67100100              | MOBILIZATION  | L SUM  | 1          | 1        |              |         |
| 67000400              | ENGINEER'S FIELD OFFICE, TYPE A   | CAL MO | 12         | 1        |              |         |
| X0325042              | MODIFY EXISTING CONNECTION TO SIGN STRUCTURE  | EACH   | 8          |          | 8            |         |
| X0325043              | MODIFY EXISTING UNDERPASS LIGHTING- LOCATION 1  | EACH   | 1          |          | 1            |         |
| X0325044              | MODIFY EXISTING UNDERPASS LIGHTING- LOCATION 2  | EACH   | 1          |          | 1            |         |
| X0325045              | MODIFY EXISTING UNDERPASS LIGHTING- LOCATION 3  | EACH   | 1          |          | 1            |         |
| Z0013798              | CONSTRUCTION LAYOUT   | L SUM  | 1          | 1        |              |         |
| 70101800              | TRAFFIC CONTROL & PROTECTION, SPECIAL   | L SUM  | 1          | 1        |              |         |
| X7011015              | TRAFFIC CONTROL & PROTECTION, EXPRESSWAY  | L SUM  | 1          | 1        |              |         |
| 81018600              | CONDUIT PUSHED, 2 1/2" DIA., GALVANIZED STEEL   | FOOT   | 350        |          | 350          |         |
| 83800205              | BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE                                   | EACH   | 22         |          | 22           |         |
| X8160370              | UNIT DUCT WITH 3-1/C NO.4 AND 1/C NO.6 GROUND, 600V (EPR-TYPE-RHW) 1/4" DIA. POLYETHYLENE | FOOT   | 5000       |          | 5000         |         |
| 89502205              | MODIFY EXISTING CONTROLLER, SPECIAL   | EACH   | 1          |          | 1            |         |
| X0325046              | ELECTRIC CABLE NO.19, 25 PAIR (INSTALL ONLY)  | FOOT   | 6000       |          |              | 6000    |
| 81300720              | JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 16"x12"x8"                          | EACH   | 1          |          |              | 1       |
| 63302700              | REMOVE AND RE-ERECT TRAFFIC BARRIER TERMINAL, TYPE 6                                      | EACH   | 2          |          |              | 2       |
| X73000100             | WOOD SIGN SUPPORT   | FOOT   | 500        |          | 500          |         |

OSFTY-36

Rev. 9-13-05

Rev.

**HOH**  
HARRY G. HEFTER - ASSOCIATES, INC. 55 East Jackson Blvd.  
DESIGN AND CONSULTING ENGINEERS Chicago, Illinois 60604  
312/346-8131  
PROJECT NUMBER 2672  
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| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

**ILLINOIS ROUTE 53  
SUMMARY OF QUANTITIES**




























SCALE: VERT. NONE  
HORIZ. DATE 2-28-2005

DRAWN BY WDF  
CHECKED BY RER

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|---------------------|---------------|------------------|--------------|-----------|
| F.A. RTE.           | SECTION       | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 290                 | 0305-302K-L-3 | COOK             | 55           | 3         |
| STA.                | TO STA.       |                  |              |           |
| FED. ROAD DIST. NO. | ILLINOIS      | FED. AID PROJECT |              |           |

LEGEND:

-  LIGHTING CONTROLLER DUPLEX TYPE PROPOSED
-  LIGHTING CONTROLLER DUPLEX TYPE EXISTING
-  LIGHTING CONTROLLER SINGLE TYPE EXISTING
-  UTILITY POWER POLE EXISTING
-  TRAFFIC SIGNAL HEAVY DUTY HAND HOLE, EXISTING
-  GROUND ROD
-  EXISTING LIGHTING UNIT TO BE REMOVED
-  EXISTING TWIN MAST LIGHTING UNIT TO BE REMOVED
-  EXISTING LIGHTING UNIT
-  REINSTALLED EXISTING LIGHTING UNIT
-  LIGHT TOWER BASE, PROPOSED
-  LIGHT TOWER BASE, EXISTING
-  HANDHOLE, PROPOSED
-  LIGHT TOWER LUMINAIRE
-  LIGHT TOWER MAST ARM
-  UNDERPASS LUMINAIRE, EXISTING
-  SOIL BORING LOCATION
-  EXISTING SIGN LUMINAIRE
-  CONDUIT EXPOSED
-  FIBER OPTIC CABLE
-  UNIT DUCT, PROPOSED, SEE PLANS FOR SIZES
-  CONDUIT CAPPED AS SPARE
-  CONDUIT PUSHED PROPOSED, SEE PLANS FOR SIZES
-  CONDUIT PUSHED EXIST.
-  OVERHEAD UTILITY CABLE EXIST.
-  LIGHTING JUNCTION BOX EXISTING
-  LIGHTING JUNCTION BOX PROPOSED, SEE PLAN FOR SIZES
- LT LEFT OF STATION (VIEWED IN DIRECTION OF INCREASING STATION NUMBERS)
- RT RIGHT OF STATION (VIEWED IN DIRECTION OF INCREASING STATION NUMBERS)
- MH MOUNTING HEIGHT
- MA MAST ARM
- EOP EDGE OF PAVEMENT
- ML MAIN LINE (ROADWAY) CENTERLINE
- BL BASE LINE OF RAMP
- EOS EDGE OF SHOULDER
- ROW RIGHT OF WAY
- GND GROUND

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL CODES.
2. CONTRACTOR TO VERIFY LOCATION OF ALL UNDERGROUND UTILITIES BEFORE TRENCHING, PUSHING OR AUGERING CONTRACTOR TO CONTACT ILLINOIS TOLLWAY FOR LOCATION OF UNDERGROUND TOLLWAY FACILITIES.
3. BEFORE INSTALLING STANDARDS NEAR OVERHEAD FACILITIES CALL COMED FOR APPROVAL OF LOCATION.
4. FOR LOCATION OF EXISTING UNDERGROUND ELECTRICAL CABLE CALL COMED.
6. ANY TREE TRIMMING REQUIRED AS DIRECTED BY THE ENGINEER SHALL BE PERFORMED BY THE CONTRACTOR, AND THE COST SHALL BE CONSIDERED INCIDENTAL TO CONTRACT.
7. CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO RESTORE ANY SPECIALIZED LANDSCAPING, (I.E. DECORATIVE ROCKS, SHRUBS, PLANTS, SNOWWALL, ETC.) OR SHALL REPLACE IT, THE COST OF WHICH SHALL BE CONSIDERED INCIDENTAL TO CONTRACT.
8. ALL ROADWAY POLES SHALL BE UL LISTED.
10. UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN ON THESE PLANS ARE PROPOSED NEW ITEMS AND WORK.
11. CONTRACTOR TO MARK AND STAKE LOCATIONS OF HIGH MAST TOWERS AND HANDHOLES. CONTRACTOR TO OBTAIN ENGINEERS APPROVAL BEFORE INSTALLATION OF SUCH.
12. EXISTING CONTROLLERS O & P TO BE REMOVED AFTER INSTALLATION OF PROPOSED CONTROLLERS O & P.
13. POLE REMOVALS TO BE PERFORMED AFTER ENERGIZATION OF HIGH MAST TOWER LIGHTING.
14. THE MAJORITY OF THE POLES BEING REMOVED BY THIS CONTRACT WILL BE STORED IN STATE STOCK. THE REMAINDER OF THESE POLES SHALL BE RELOCATED TO HIGGINS ROAD. THE CONTRACTOR SHALL REFERENCE SHEETS E-14 AND E-15 FOR THE LOCATIONS OF POLES BEING RE-INSTALLED ON HIGGINS ROAD. CONTRACTOR TO COORDINATE THE AFOREMENTIONED ACTIVITIES WITH THE ENGINEER.
15. THE DELIVERY OF POLES TO OR FROM STATE STOCK SHALL BE INCIDENTAL TO THE PAY ITEMS FOR REMOVAL OF EXISTING LIGHTING UNITS (SALVAGE), OR LIGHT POLE, ALUMINUM (INSTALL ONLY) OF A SPECIFIED TYPE OR AS DIRECTED BY THE ENGINEER.
16. LIGHT TOWERS ARE BEING FURNISHED UNDER A SEPARATE CONTRACT.
17. EXISTING FENCE SHALL REMAIN UNDISTURBED, EXCEPT AS APPROVED BY THE ENGINEER. ANY FENCE REMOVED TO FACILITATE THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER, AT NO ADDITIONAL COST TO THE CONTRACT.
18. SOIL BORING REPORTS INDICATE THAT SOME AREAS MAY CONTAIN CONTAMINATED SOIL WHICH WOULD REQUIRE SPECIAL WASTE DISPOSAL.
19. UNIT DUCTS LOCATED WITHIN ONE FOOT OF EACH OTHER SHALL BE INSTALLED IN A COMMON TRENCH.
20. UNLESS OTHERWISE INDICATED ALL RACEWAY PUSHES ARE RE:10 GALVANIZED STEEL CONDUIT.

2.1. All traffic signs (approximately 25) that are attached to the existing light poles to be removed shall be reinstalled near existing locations and as directed by the Engineer. The labor and all associated material necessary to reinstall traffic signs including hardware and concrete if sign is located in the median, other than the wood posts which are paid for separately, shall be included under pay item for "Removal of Existing Lighting Unit, Salvage"

IDOT HIGHWAY STANDARDS

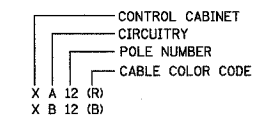
- 701001-01 OFF-ROAD OPERATIONS 2-L, 2-W, MORE THAN 15' AWAY
- 701006-02 OFF-ROAD OPERATIONS 2-L, 2-W, 15' TO 24" FROM PAVEMENT EDGE
- 701011-01 OFF-ROAD MOVING OPERATIONS 2-L, 2-W, DAY ONLY
- 701101-01 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-01 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701301-01 LANE CLOSURE, 2-L, 2-W, SHORT TIME OPERATIONS
- 701400-01 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-01 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-01 LANE CLOSURE MULTILANE AT ENTRANCE OR EXIT RAMP FOR SPEEDS ≥ 45 MPH
- 701421-01 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
- 701446 TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701501-01 URBAN LANE CLOSURE 2-L, 2-W, UNDIVIDED

TRAFFIC CONTROL DEVICES

- \*DISTRICT ONE STANDARD DETAILS
- TC-8 ENTRANCE AND EXIT RAMP CLOSURE DETAILS
- TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDEROADS, INTERSECTIONS, AND DRIVEWAYS
- TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
- TC-17 PARTIAL RAMP AND SHOULDER CLOSURE DETAILS
- TC-22 TEMPORARY INFORMATION SIGNING

\* SUPPLIED BY DISTRICT ONE

LIGHT POLE LABEL LEGEND:



| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**ILLINOIS ROUTE 53  
DRAWING LEGEND  
AND GENERAL NOTES**

SCALE: VERT. NONE  
HORIZ. DATE 02-28-2005

DRAWN BY MEK  
CHECKED BY RER

**HOH** HARRY O. HEFTER - ASSOCIATES, INC. 55 East Jackson Blvd. Chicago, Illinois 60604 312/346-8131

PROJECT NUMBER 2672

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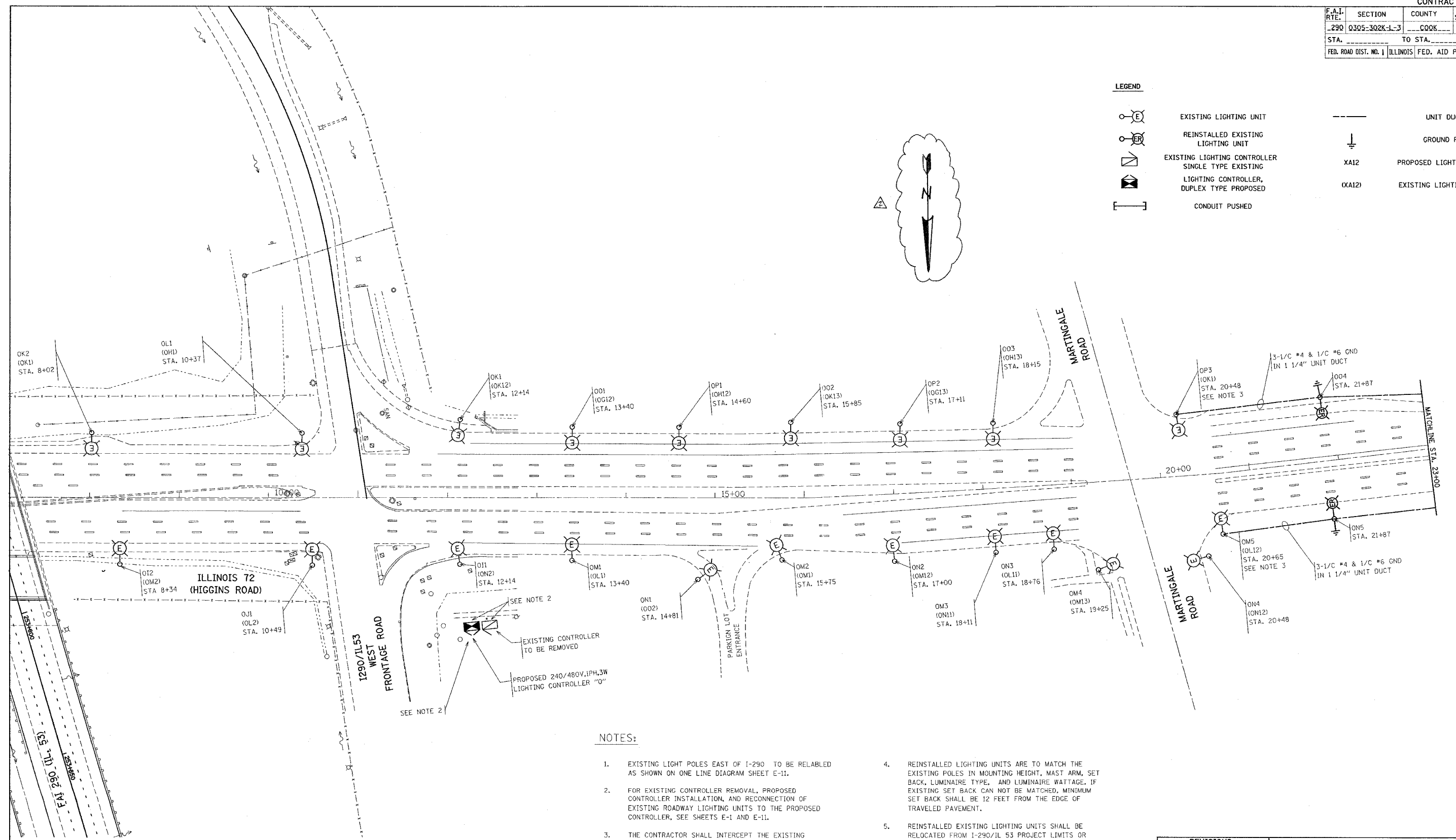
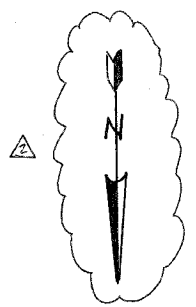
Rev. 9-13-05

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|-----------------------|---------------|------------------|--------------|-----------|
| F.A.I. RTE.           | SECTION       | COUNTY           | TOTAL SHEETS | SHEET NO. |
| 290                   | 0305-302K-1-3 | COOK             | 55           | 27        |
| STA.                  | TO STA.       |                  |              |           |
| FED. ROAD DIST. NO. 1 | ILLINOIS      | FED. AID PROJECT |              |           |

LEGEND

|  |   |  |                         |
|--|---|--|-------------------------|
|  | EXISTING LIGHTING UNIT                            |  | UNIT DUCT               |
|  | REINSTALLED EXISTING LIGHTING UNIT                |  | GROUND ROD              |
|  | EXISTING LIGHTING CONTROLLER SINGLE TYPE EXISTING |  | PROPOSED LIGHTING DECAL |
|  | LIGHTING CONTROLLER, DUPLEX TYPE PROPOSED         |  | EXISTING LIGHTING DECAL |
|  | CONDUIT PUSHED                                    |  |                         |



NOTES:

- EXISTING LIGHT POLES EAST OF I-290 TO BE RELABELED AS SHOWN ON ONE LINE DIAGRAM SHEET E-11.
- FOR EXISTING CONTROLLER REMOVAL, PROPOSED CONTROLLER INSTALLATION, AND RECONNECTION OF EXISTING ROADWAY LIGHTING UNITS TO THE PROPOSED CONTROLLER, SEE SHEETS E-1 AND E-11.
- THE CONTRACTOR SHALL INTERCEPT THE EXISTING CIRCUITS AND EXTEND TO THE RELOCATED LIGHTING UNITS. PROVIDE NEW UNIT DUCT. COORDINATE EXACT ROUTING OF UNIT DUCT IN THE FIELD. THIS WORK IS PAID FOR UNDER THE PAY ITEM FOR UNIT DUCT OF THE TYPE SPECIFIED.
- REINSTALLED LIGHTING UNITS ARE TO MATCH THE EXISTING POLES IN MOUNTING HEIGHT, MAST ARM, SET BACK, LUMINAIRE TYPE, AND LUMINAIRE WATTAGE. IF EXISTING SET BACK CAN NOT BE MATCHED, MINIMUM SET BACK SHALL BE 12 FEET FROM THE EDGE OF TRAVELED PAVEMENT.
- REINSTALLED EXISTING LIGHTING UNITS SHALL BE RELOCATED FROM I-290/IL 53 PROJECT LIMITS OR DELIVERED FROM STATE STOCK, AS DIRECTED BY THE ENGINEER.
- REPLACEMENT LUMINAIRES FOR THE EXISTING AND RELOCATED LIGHTING UNITS ON HIGGINS ROAD RECONNECTED TO PROPOSED CONTROLLER "O" SHALL BE DELIVERED FROM STATE STOCK. BALLASTS SHALL BE SET FOR 240 VOLT OPERATION. THIS WORK SHALL BE PAID FOR UNDER THE PAY ITEM FOR LUMINAIRE (INSTALL ONLY), OF THE TYPE SPECIFIED.

PLOT DATE = 4/7/2005  
 FILE NAME = c:\projects\62877\ah\_01.dgn  
 PLOT SCALE = 1/8"=1'-0"  
 USER NAME = lph

Rev 9-13-05

| REVISIONS |      |
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ILLINOIS DEPARTMENT OF TRANSPORTATION

**IL-72 (HIGGINS ROAD)  
 LIGHTING RELOCATION  
 PLANS**

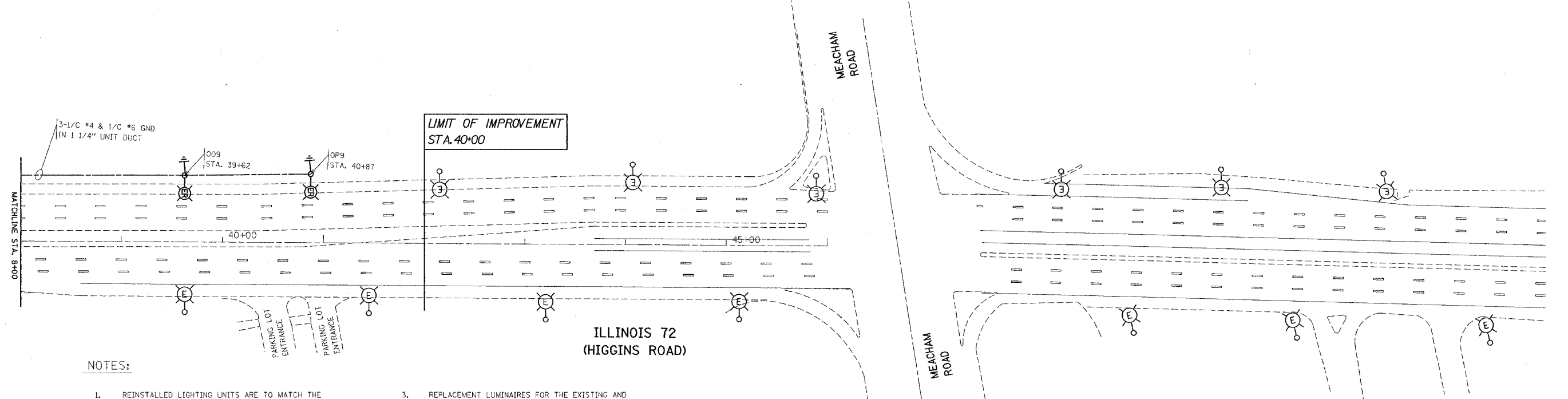
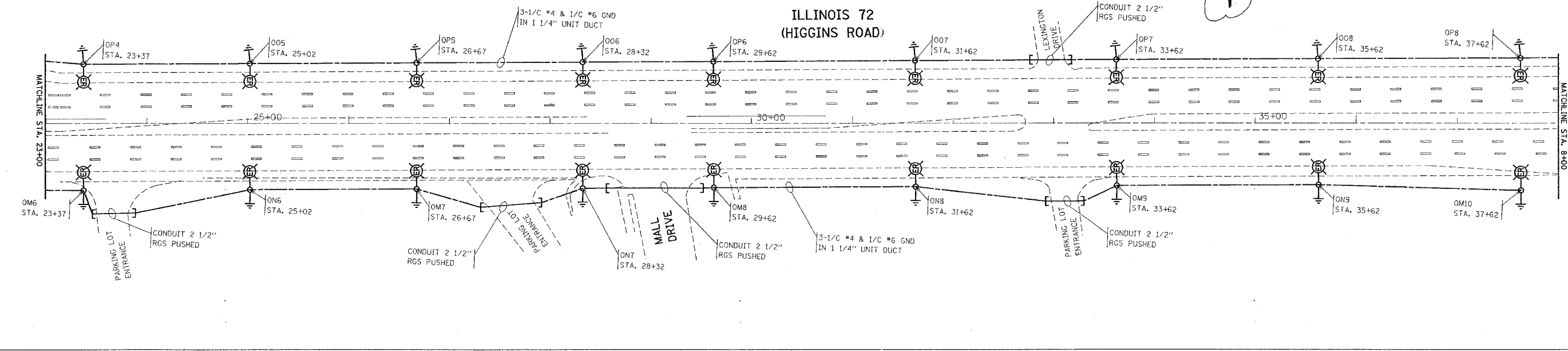
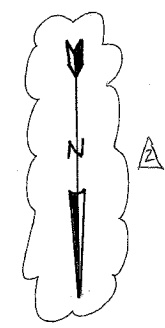
SCALE: VERT. 1"=50'  
 HORIZ. 1"=50'  
 DATE 4/7/2005

DRAWN BY MP  
 CHECKED BY SL

|                       |               |        |                  |           |
|-----------------------|---------------|--------|------------------|-----------|
| F.A.I. SHEETS NO.     | SECTION       | COUNTY | TOTAL SHEETS     | SHEET NO. |
| 290                   | 0305-302K-1-3 | COOK   | 53               | 28        |
| STA.                  | TO STA.       |        |                  |           |
| FED. ROAD DIST. NO. 1 | ILLINOIS      |        | FED. AID PROJECT |           |

**LEGEND**

|  |   |        |                         |
|--|---|--------|-------------------------|
|  | EXISTING LIGHTING UNIT                            |        | UNIT DUCT               |
|  | REINSTATED EXISTING LIGHTING UNIT                 |        | GROUND ROD              |
|  | EXISTING LIGHTING CONTROLLER SINGLE TYPE EXISTING | XA12   | PROPOSED LIGHTING DECAL |
|  | LIGHTING CONTROLLER, DUPLEX TYPE PROPOSED         | (XA12) | EXISTING LIGHTING DECAL |
|  | CONDUIT PUSHED                                    |        |                         |



**NOTES:**

- REINSTALLED LIGHTING UNITS ARE TO MATCH THE EXISTING POLES IN MOUNTING HEIGHT, MAST ARM, SET BACK, LUMINAIRE TYPE, AND LUMINAIRE WATTAGE. IF EXISTING SET BACK CAN NOT BE MATCHED, MINIMUM SET BACK SHALL BE 12 FEET FROM THE EDGE OF TRAVELED PAVEMENT.
- REINSTALLED EXISTING LIGHTING UNIT SHALL BE RELOCATED FROM I-290/IL 53 PROJECT LIMITS OR DELIVERED FROM STATE STOCK, AS DIRECTED BY THE ENGINEER.
- REPLACEMENT LUMINAIRES FOR THE EXISTING AND RELOCATED LIGHTING UNITS ON HIGGINS ROAD RECONNECTED TO PROPOSED CONTROLLER "O" SHALL BE DELIVERED FROM STATE STOCK. BALLASTS SHALL BE SET FOR 240 VOLT OPERATION. THIS WORK SHALL BE PAID FOR UNDER THE PAY ITEM FOR LUMINAIRE (INSTALL ONLY), OF THE TYPE SPECIFIED.
- EXISTING LIGHTING UNITS AT THE INTERSECTION OF HIGGINS ROAD AND MEACHAM ROAD INCLUDING TRANSITION LIGHTING ARE OWNED AND MAINTAINED BY THE VILLAGE OF SHALMBURG, AND ARE NOT PART OF THIS PROJECT IMPROVEMENT.

| REVISIONS |      |
|-----------|------|
| NAME      | DATE |
|           |      |
|           |      |
|           |      |
|           |      |
|           |      |

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**IL-72 (HIGGINS ROAD)  
 LIGHTING RELOCATION  
 PLANS**

SCALE: VERT. 1"=50'  
 HORIZ. DATE 4/7/2005

DRAWN BY: MP  
 CHECKED BY: SL

PLOT DATE = 4/7/2005  
 FILE NAME = c:\projects\1106185\1106185.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = lupasa

Rev. 9-13-05