| F.A.I.<br>RTE. | SECTION | COUNTY   | TOTAL<br>SHEETS | SHEET<br>NO. |
|----------------|---------|----------|-----------------|--------------|
| 74             | •       | TAZEWELL | 1366            | 1213         |
| STA.           |         | TO STA.  |                 |              |

FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT • (90-11)R-2;90(13, 14, 14-1)R-1 CONTRACT NO. 68201

PROPOSED HIGH MAST LUMINAIRE(S), DIRECTION OF ARROW INDICATES STREET SIDE: SEE SCHEDULE ON LIGHTING SHT. 5 PROPOSED STREET LIGHT UNIT: 13.5M ALUMINUM, TRANSFORMER BASE, 2.4M DAVIT ARM, 400W HPS, 240V MCIII LUMINAIRE. STAGE B.

PROPOSED STREET LIGHT UNIT: 13.5M ALUMINUM, TRANSFORMER BASE, 2.4M DAVIT ARM, 400W HPS, 240V MCIII LUMINAIRE. STAGE C.

PROPOSED HIGH MAST POLE: SEE SCHEDULE ON LIGHTING SHT. 5

PROPOSED STREET LIGHT UNIT: 13.5M ALUMINUM, 1.8M DAVIT ARM,

PROPOSED STREET LIGHT UNIT BY OTHERS: 13.5M MH, 400W HPS 240V LUMINAIRE ON COMBINATION TRAFFIC/ LIGHTING POLE

PROPOSED STREET LIGHTING CONTROLLER, CB-RCS, 100 OR 200 AMP, 240 lacksquareOR 480 VOLT (AS NOTED): SEE LIGHTING SHT. 29

PROPOSED ELECTRICAL SERVICE INSTALLATION: SEE LIGHTING SHT. 28

• PROPOSED JUNCTION BOX

CONDUIT BY OTHERS

\*

PROPOSED EMBEDDED CONDUIT, 75mm PVC SCHEDULE 40, UNLESS OTHERWISE NOTED

PROPOSED ATTACHED CONDUIT, 25mm GALVANIZED

PROPOSED LIQUID-TIGHT FLEXIBLE CONDUIT, 25mm GALVANIZED

EMBEDDED CONCRETE INSERT (SEE DETAIL SHT. 33

UNDERPASS LUMINAIRE, HPSV, S-C-I, 100WATT, 240VOLT (SEE DETAIL SHT. 33

EXISTING HIGH MAST POLE

 $\boxtimes$ EXISTING LIGHTING CONTROLLER

EXISTING JUNCTION BOX

\_\_-EXISTING ELECTRIC SERVICE INSTALLATION

 $\bigcirc$ EXISTING STREET LIGHT UNIT TO REMAIN

**○** F EXISTING LUMINAIRE ON COMBINATION TRAFFIC/ LIGHTING POLE

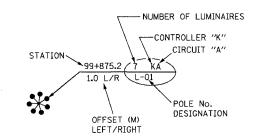
EXISTING LIGHT UNIT TO BE REMOVED IN STAGE A

EXISTING TEMPORARY LIGHT UNIT TO BE REMOVED IN STAGE A.

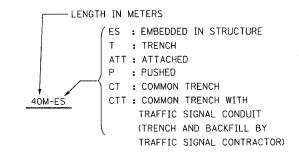
EXISTING CONDUIT

GROUND: GREEN (SIZE AS INDICATED ON PLANS) -- NEUTRAL: WHITE (SIZE AS INDICATED ON PLANS) PHASE: RED (SIZE AS INDICATED ON PLANS) - PHASE: BLACK (SIZE AS INDICATED ON PLANS)

## PROPOSED ST. LT. CABLE IN CONDUIT



## PROPOSED LT. TOWER CALL-OUT



## PROPOSED CONDUIT CALL-OUT

LIGHTING SHEET 3 OF 41

|          | REVISIONS |      |                   |                      |  |
|----------|-----------|------|-------------------|----------------------|--|
|          | NAME      | DATE | ILLINOIS DEPARTME | NT OF TRANSPORTATION |  |
|          |           |      |                   |                      |  |
|          |           |      |                   |                      |  |
| $\perp$  |           |      | ELECTRICAL LEGEND |                      |  |
| $\perp$  |           |      |                   |                      |  |
| L        |           |      |                   |                      |  |
| ļ        | ····      |      |                   | DRAWN BY DJK         |  |
| $\vdash$ |           |      | DATE: 12/20/04    | CHECKED BY MKR       |  |

alfred benesch & company CONSULTING ENGINEERS

205 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601