| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 374 | 3268F-R-1 | COOK | 279 | 200 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

CONTRACT NO. 62387

## ROADWAY LIGHTING LEGEND

| DESCRIPTION | PROPOSED | EXISTING | DEMOLITION | TEMPORARY |
|---|---|---|---|---|
| LIGHT UNIT SINGLE MAST ARM, 400W HPS 47.5 FT MOUNTING HEIGHT, U.N.O. | | E | R | T |
| LIGHT UNIT DOUBLE MAST ARM, 400W HPS 47.5 FT MOUNTING HEIGHT, U.N.O. | | E E | R R | |
| LIGHT UNIT COMBINATION TRAFFIC SIGNAL, 400W HPS 47.5 FT MOUNTING HEIGHT | | | | |
| E - EXISTING UNIT TO REMAIN<br>R - EXISTING UNIT TO BE REMOVED<br>T - TEMPORARY UNIT | | | | |
| LIGHTING CONTROLLER | | | | |
| UNIT DUCT | | E | | |
| UNIT DUCT TO BE ABANDONED CONDUCTORS TO BE REMOVED | | | A | |
| UNIT DUCT TO BE REMOVED CONDUCTORS TO BE REMOVED | | | R | |
| RIGID GALVANIZED STEEL CONDUIT, PUSHED CONTAINING PULLED-IN UNIT DUCT | | | | |
| AERIAL CABLE | | | | AC |
| WOOD POLE - TEMPORARY | | | | |
| GROUND ROD | | | | |
| ELEC UTILITY POLE | | | | |
| SIGN STRUCTURE - CANTILEVER | | | | |

## ABBREVIATIONS

| | DESCRIPTION |
|---|---|
| A | AMPS |
| DIA. | DIAMETER |
| EB | EMBEDDED IN CONCRETE |
| GND | GROUND |
| HPS | HIGH PRESSURE SODIUM |
| IDOT | ILLINOIS DEPARTMENT OF TRANSPORTATION |
| LED | LIGHT EMITTING DIODE |
| M.V. | MERCURY VAPOR |
| P | PUSHED |
| PC | INDIVIDUAL PHOTOCELL CONTROL |
| PH | PHASE |
| PVC | POLYVINYL CHLORIDE |
| RGS | RIGID GALVANIZED STEEL CONDUIT |
| STA | STATION |
| SW | DISCONNECT SWITCH |
| TR | TRANSFORMER |
| U.N.O. | UNLESS NOTED OTHERWISE |
| V | VOLTS |
| W | WIRE |

## ROADWAY LIGHTING SHEET INDEX


LT-01 ROADWAY LIGHTING GENERAL NOTES, LEGEND & SHEET INDEX
LT-02 ROADWAY LIGHTING SCHEDULE OF QUANTITIES

LT-03 ROADWAY LIGHTING DEMOLITION PLAN ILL RTE 21 STA. 100+00 TO STA. 110+00
LT-04 ROADWAY LIGHTING DEMOLITION PLAN ILL RTE 21 STA. 110+00 TO STA. 125+00
US RTE 45 STA. 299+00 TO STA. 305+37

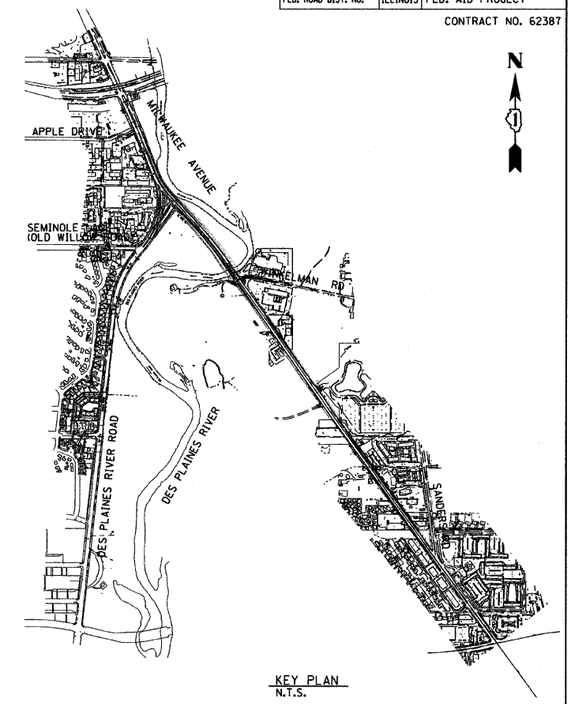
LT-05 TEMPORARY ROADWAY LIGHTING PLAN ILL RTE 21 STA. 100+00 TO STA. 110+00
LT-06 TEMPORARY ROADWAY LIGHTING PLAN ILL RTE 21 STA. 110+00 TO STA. 125+00
US RTE 45 STA. 299+00 TO STA. 305+37
LT-07 TEMPORARY ROADWAY LIGHTING PLAN ILL RTE 21 STA. 180+50 TO STA. 192+00
US RTE 45 STA. 45+50 TO STA. 55+50

LT-08 ROADWAY LIGHTING PROPOSED PLAN ILL RTE 21 STA. 100+00 TO STA. 110+00
LT-09 ROADWAY LIGHTING PROPOSED PLAN ILL RTE 21 STA. 110+00 TO STA. 125+00 &
US RTE 45 STA. 299+00 TO STA. 305+37

LT-10 ROADWAY LIGHTING SINGLE LINE AND WIRING DIAGRAMS


## IDOT DISTRICT 1 DETAILS

| | | |
|---|---|---|
| LT-11 | BE-301 | LIGHT POLE FOUNDATION 40' TO 40.5' 15" BOLT CIRCLE |
| LT-12 | BE-400 | ALUMINUM LIGHT POLE 47'-6" MOUNTING HEIGHT |
| LT-13 | BE-701 | LUMINAIRE SAFETY CABLE ASSEMBLY |
| LT-14 | BE-702 | MISC. ELECTRICAL DETAILS SHEET A |
| LT-15 | BE-800 | TEMPORARY LIGHT POLE DETAILS |
| LT-16 | BE-801 | TEMPORARY AERIAL CABLE INSTALLATION |




KEY PLAN
N.T.S.

LT-01 OF 16

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

SPAAN Tech, Inc.
311 S. Wacker Drive, Suite 2400
Chicago, Il 60606
phone: 312.277.8800
fax: 312.277.8808
web: www.SpaanTech.com

ILLINOIS DEPARTMENT OF TRANSPORTATION
ILL RTE 21 & US RTE 45

ROADWAY LIGHTING
GENERAL NOTES, LEGEND & SHEET INDEX

SCALE: NONE
DATE: 02/05/08
DRAWN BY: RPJ
DESIGN BY: IB
CHECKED BY: ADO

default
IDOT - District 01
$LOCAL(PROJECTNAME)
D-01-00-00: ILL Rte 21 - IDOT Dist 1
1/30/2008 6:39:54 AM
01 1" / IN.
$Working Files$Drawing Files$Sht$LT-01.dgn