



**OVERALL PLAN**

**LIGHTING GENERAL NOTES**

- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION/ DIRECTION AND MEANS/METHODS OF CONSTRUCTION.
- CONDUIT ATTACHED TO STRUCTURE AND ELECTRIC SERVICE CONDUIT SHALL BE RIGID GALVANIZED STEEL. UNDERGROUND CONDUIT SHALL BE SCHEDULE 40 PVC. WIRING SHALL BE XLP-TYPE USE.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, WHICH ARE HEREBY MADE A PART HEREOF:
  - "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS", 2012 EDITION, AS PREPARED BY IDOT.
  - "THE NATIONAL ELECTRICAL CODE", 2011 EDITION.
  - MUNICIPAL CODES & STANDARDS, LATEST EDITION.
- NO MATERIALS SHALL BE DELIVERED TO THE JOB SITE UNTIL ALL PERTINENT EQUIPMENT SUBMITTALS HAVE BEEN REVIEWED BY THE OWNER'S REPRESENTATIVE.
- THE EXACT LOCATIONS OF ALL UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE LIGHTING SYSTEM. FOR THE LOCATIONS OF THE UTILITIES, CALL JULIE TOLL FREE AT 1-800-892-0123.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL EQUIPMENT FOR EXAMINATION AND CONFIRMATION WITH THE OWNER'S REPRESENTATIVE. ALL UTILITIES SHALL BE LOCATED PRIOR TO MARKING PROPOSED LOCATIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY FOR TIMELY NOTIFICATION AND COORDINATION WITH THE ELECTRICAL UTILITY COMPANY FOR SERVICE TO THE PROPOSED LIGHTING SYSTEM(S).
- THE CONTRACTOR SHALL LABEL ALL WIRES WITH WIRE MARKERS INDICATING THE CIRCUIT ID IN EVERY CONTROLLER, FIXTURE, JUNCTION BOX, AND SPLICE/CONNECTION POINT. WIRE MARKERS SHALL BE MECHANICALLY FASTENED WHITE PLASTIC, TYPE "PLM" AS MANUFACTURED BY PANDUIT OR APPROVED EQUAL.
- EQUIPMENT GROUND CONDUCTORS SHALL BE SPLICED AND BONDED AT EACH JUNCTION BOX AND FIXTURE.
- THE LIGHTING CONTROLLER TOGETHER WITH ALL OF ITS COMPONENTS SHALL BE UL LISTED AS AN "INDUSTRIAL CONTROL PANEL" UNDER UL508A.
- THE ELECTRICAL CONTRACTOR SHALL FURNISH TWO SETS OF FULL SIZE RECORD DRAWINGS TO THE OWNER'S REPRESENTATIVE UPON COMPLETION OF THE LIGHTING AND ELECTRICAL IMPROVEMENTS. THE DRAWINGS SHALL SHOW THE INSTALLED LOCATIONS OF ALL LIGHTS, UNDERGROUND CONDUITS/ WIRING, HANDHOLES, JUNCTION BOXES & CONTROLLER CABINETS. THE DRAWINGS WILL BE REVIEWED BY THE ENGINEER.
- THE CONTRACTOR SHALL PERFORM ELECTRICAL TESTING AND VERIFY THAT THE INSTALLTION COMPLIES WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION IN ILLINOIS.
- ANY CONCRETE WALL CORING FOR CONDUIT SHALL BE INCLUDED IN THE COST FOR CONDUIT.

**LEGEND**

- PROPOSED 50W LED WALL MOUNTED TYPE LUMINAIRE (REFER TO LIGHT STANDARD DETAIL FOR MODEL INFORMATION)
- PROPOSED EMERGENCY LIGHT
- ⊞ PROPOSED LIGHTING CONTROLLER, 100A, 120/240V, 1Ø
- ⊞ PROPOSED JUNCTION BOX, EMBEDDED OR ATTACHED TO STRUCTURE (SEE PLAN FOR DETAILS)
- E— PROPOSED RGS CONDUIT
- PROPOSED SCH 40 PVC CONDUIT
- 163-CKT A  
STA. 23+95L
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATERMAIN
- EXISTING GAS LINE
- EXISTING OVERHEAD WIRES
- EXISTING PETROLEUM PIPELINE
- RGS RIGID GALVANIZED STEEL
- ATS ATTACHED TO STRUCTURE
- JB JUNCTION BOX

**CITY OF GENEVA – LIGHTING REQUIREMENT**

- ELECTRICAL NOTE:  
A LAMINATE COPY OF THE ONE LINE CIRCUIT DIAGRAM SHALL BE PLACED IN THE PEDESTRIAN TUNNEL LIGHTING CABINET. THE COST OF PROVIDING LAMINATE COPY SHALL NOT BE PAID FOR BUT SHALL BE INCLUDED IN THE COST OF LIGHTING WORK.

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USER NAME = rnparriss	DESIGNED - AJD	REVISED -
PLOT SCALE =	DRAWN - KWB	REVISED -
PLOT DATE = 5/18/2012	CHECKED - AJD	REVISED -
	DATE - 5/14/12	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>TUNNEL LIGHTING</b>	
<b>OVERALL PLAN AND GENERAL NOTES</b>	
SCALE:	SHEET NO. 49 OF 79 SHEETS STA. TO STA.

F.A.P. RTE. 0336	SECTION 00-00259-00-BT	COUNTY KANE	TOTAL SHEETS 79	SHEET NO. 49
CONTRACT NO. 63667				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				