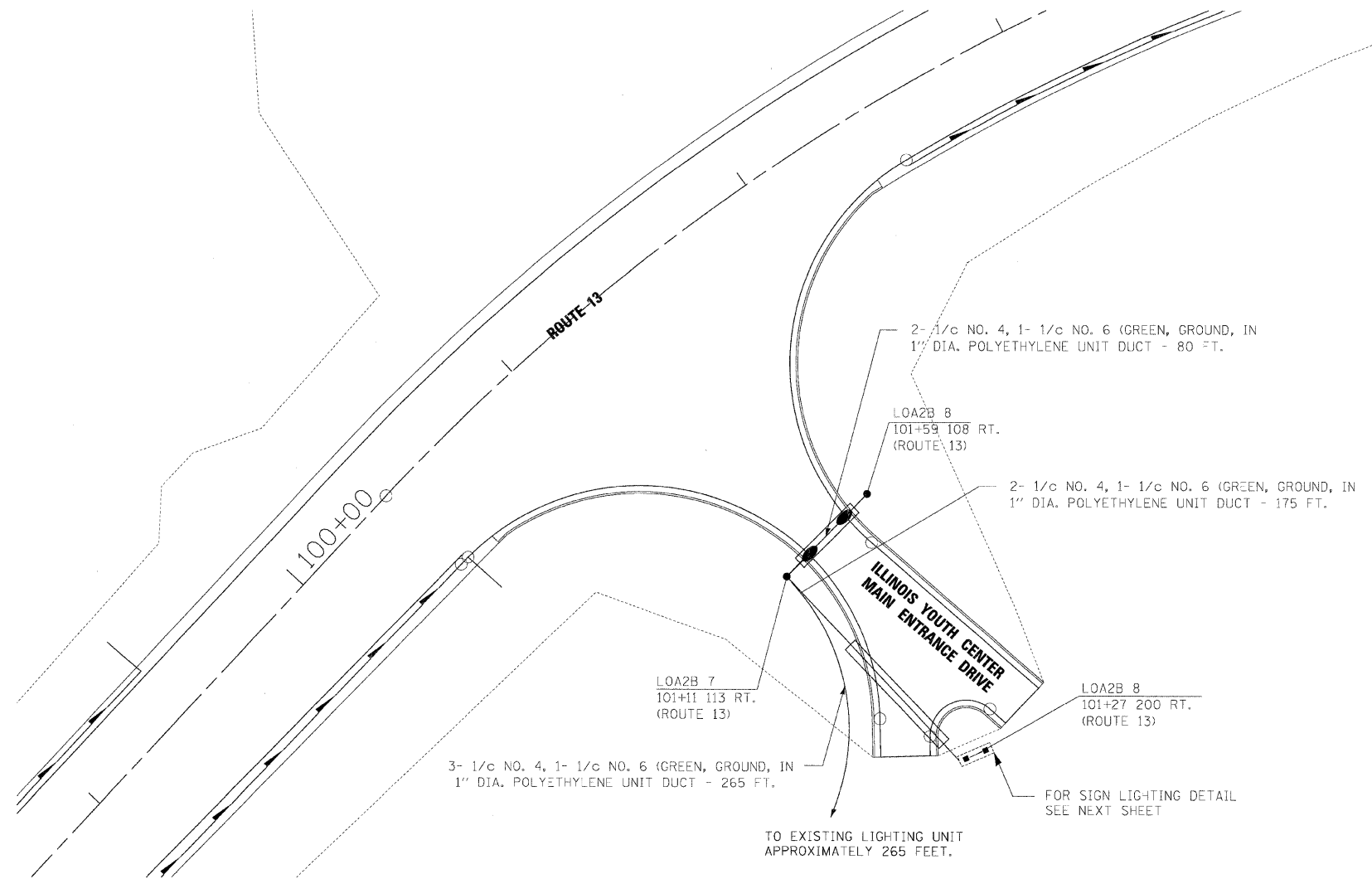


FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	3-2, 8X-1, 4-2	SALINE	212	148
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

**GENERAL AND CONSTRUCTION NOTES:**

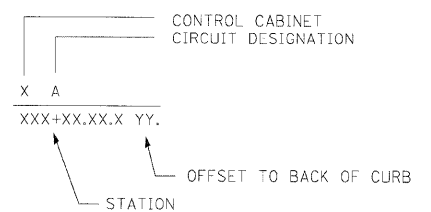
- ELECTRICAL WORK SHALL CONFORM WITH NATIONAL, STATE, AND LOCAL CODES.
- CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS, QUANTITIES, AND TYPE OF UTILITIES IN AREAS TO BE EXCAVATED PRIOR TO COMMENCEMENT OF ANY WORK AND SHALL HAND EXCAVATE AS REQUIRED IN ORDER TO NOT INTERRUPT ANY EXISTING SERVICES. IF IN PERFORMING WORK DAMAGE TO EXISTING UTILITIES OCCURS, CONTRACTOR SHALL NOTIFY UTILITY IMMEDIATELY AND PAY ANY COST INCURRED FOR REPAIR OR REPLACEMENT.
- ELECTRICAL EQUIPMENT, RACEWAY, ETC. ARE SHOWN IN APPROXIMATE LOCATION ONLY. CONTRACTOR SHALL INSTALL ELECTRICAL EQUIPMENT, RACEWAYS, ETC. WHERE DIRECTED BY THE ENGINEER IN ORDER TO BEST SUIT JOB CONDITIONS.
- CONTRACTOR SHALL USE COPPER WITH XLP-USE INSULATION.
- PLACE A GROUND ROD  $\frac{3}{4}$  INCHES IN DIAMETER BY 10 FEET IN LENGTH AT #6 BARE COPPER WIRE WITH A LISTED GROUND ROD CLAMP. THE COST OF THE GROUND ROD SHALL BE INCLUDED IN THE "LIGHT POLE FOUNDATION" PAY ITEM.
- THE GROUND CONDUCTOR SHALL HAVE NO SPLICE OR KINKS BELOW GRADE. IT SHALL BE SOLIDLY CONNECTED TO THE GROUNDING LUG OF EACH POLE AND TO THE GROUND CONSISTING OF A GREEN INSULATED ELECTRICAL INSIDE THE CONDUIT ALONG WITH THE INSULATED CABLES.
- ALL POLES SHALL BE CONNECTED TO A CONTINUOUS GROUND CONSISTING OF A GREEN INSULATED ELECTRICAL CONDUCTOR 600 V. XLP, 1/C. NO. 6. THIS CONDUCTOR SHALL BE PLACED INSIDE THE CONDUIT ALONG WITH THE INSULATED CABLES.
- SUFFICIENT LENGTH OF ELECTRICAL CONDUCTOR SHALL BE INSTALLED SO THAT ELECTRICAL CONDUCTOR MAY BE PULLED. SAID SLACK SHALL BE NEATLY COILED AND PLACED IN THE HANDHOLES.
- THE EXISTING CONCRETE CONCRETE FOUNDATION SHALL BE REMOVED TO A DEPTH AT LEAST 3 FEET BELOW THE ADJACENT GRADE AND DISPOSED OF APPROVED MATERIALS AND RECONSTRUCTED TO MATCH THE ADJOINING AREA. COMPACTION SHALL BE BY A METHOD APPROVED BY THE ENGINEER. EXISTING CONDUIT/UNDUCT SHALL BE ABANDONED. REMOVAL OF EXISTING CABLE SHALL BE INCLUDED IN THE POLE FOUNDATION REMOVAL PAY ITEM.
- LIGHT FOUNDATION 2" AT THE END OF ALL CIRCUIT RUNS SHALL BE INSTALLED WITH (2) PVC ELBOW WILL BE SEALED AND CAPPED FOR FUTURE EXPANSION OF THE LIGHTING SYSTEM. THIS WORK SHALL BE INCLUDED IN THE COST OF THIS CONTRACT.
- THE PROPOSED FRANGIBLE LIGHTING UNITS SHALL BE INSTALLED 5 FEET INSIDE THE ILLINOIS YOUTH CENTER PROPERTY LINE, AND OFFSET 6 FEET FROM BACK OF CURB AND GUTTER
- THE PROPOSED SIGN LIGHTING SHALL BE ANGLED AS DIRECTED BY THE ENGINEER.
- ALL DRIVE AND SIGN LIGHTING CIRCUITS ARE FED FROM THE FAN ROOM OF BUILDING "A" OF THE ILLINOIS YOUTH CENTER, PANEL LOA2B, CIRCUITS 7 AND 8.



**PROPOSED WIRING DIAGRAM**

N.T.S.

**PROPOSED WIRING DIAGRAM**



CHECKED BY: DHT PLOT DATE: 2/22/2009  
 DRAWN BY: VLM PLOT SCALE: 1/8"=1'-0"

M:\PROJECTS\PROJ3526\ROADWAY\COMMON\
Active Title:
Project Log: