

**GENERAL NOTES**

1. NEW SPLICES, FUSES, FUSEHOLDER AND SURGE PROTECTORS SHALL BE PROVIDED AND INSTALLED FOR ALL LUMINAIRES BEING INSTALLED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE LUMINAIRE.
2. ALL LIGHTING UNITS SHALL BE LABELED ACCORDING TO THE STANDARD SPECIFICATIONS, ARTICLE 1069.06. LIGHTING UNIT NUMBERS, WATTAGE, AND VOLTAGE SHALL BE AS SHOWN ON THE PLANS AND AS DIRECTED BY THE ENGINEER.
3. ALL MEASUREMENTS FOR ATTACHMENTS ARE APPROXIMATE. THE CONTRACTOR SHALL TAKE FIELD MEASUREMENTS AND FABRICATE TO FIT.
4. ALL LIGHTS SHALL OPERATE FROM DUSK TO DAWN DAILY FOR THE DURATION OF THIS PROJECT EXCEPT AS DESCRIBED IN NOTE 5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE LIGHTING SYSTEM UNTIL IDOT HAS TAKEN ACCEPTANCE OF THE SYSTEM. SEE CANAL BRIDGE NOTE #8 FOR NAVIGATION LIGHTING.
5. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ELECTRICAL WORK WITH OTHER TRADES.
6. ALL LUMINAIRES SCHEDULED FOR REMOVAL SHALL BE SALVAGED AND DELIVERED TO THE IDOT MAINTENANCE FACILITY IN ACCORDANCE WITH SECTION 842 OF THE STANDARD SPECIFICATIONS UNLESS NOTED OTHERWISE. THE LOCATION OF THE IDOT MAINTENANCE FACILITY IS 9601 ST. CLAIR AVENUE, FAIRVIEW HEIGHTS, IL. LUMINAIRES SHALL BE CRATED IN CONTAINERS ACCEPTABLE TO THE ENGINEER. LIGHT POLES SHALL NOT BE SALVAGED BUT SHALL BE REMOVED FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE.
7. THE CONDUIT SYSTEM SHALL NOT BE USED FOR GROUNDING/BONDING PURPOSES. THEREFORE, THE EQUIPMENT GROUNDING CONDUCTOR (GREEN GROUND) MUST BE CONTINUOUS THROUGHOUT EACH CIRCUIT. ALL LUMINAIRES, INCLUDING NAVIGATION, AND METAL PARTS MUST BE PROPERLY BONDED TO IT.
8. EACH CABLE SHALL BE UNIQUELY COLOR CODED FOR IDENTIFICATION IN ORDER TO DISTINGUISH BETWEEN CIRCUITS AND INDIVIDUAL CABLES WITHIN A CIRCUIT. COLOR CODING SHALL BE VISIBLE AT ALL POINTS OF ENTRY, SUCH AS JUNCTION BOXES, PULL BOXES, HANDHOLES, ETC.
9. ALL LUMINAIRES WILL MOUNT ON A HORIZONTAL MAST ARM. THE LUMINAIRES OF THE CANAL BRIDGE WILL BE MOUNTED HORIZONTALLY FROM TWIN MAST ARMS.
10. REMOVE EXISTING STAINLESS STEEL JUNCTION BOXES AND CONDUIT ATTACHED TO STRUCTURES. STAINLESS STEEL JUNCTION BOXES SHALL BE SALVAGED AND DELIVERED TO THE IDOT MAINTENANCE FACILITY.
11. COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION/INTELLIGENT TRANSPORTATION SYSTEM FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
12. A 9-1-1 ADDRESS AT THE PROPOSED SERVICE LOCATIONS ARE AS FOLLOWS:  
 SERVICE TO CONTROLLER 1 (RIVER BRIDGE) - 18-1-13-36-00-000-001  
 SERVICE TO CONTROLLER 2 (CANAL BRIDGE) - 18-1-14-30-00-000-007  
 SERVICE TO CONTROLLER 2 (WEST OF CANAL) - NEW  
 SERVICE TO CONTROLLER 3 (EAST OF CANAL) - NEW  
  
 IF THERE ARE ANY QUESTIONS REGARDING THE ABOVE, CONTACT 9-1-1 COORDINATOR OF MADISON COUNTY AT (618) 692-7040 x5911.
13. COOPERATION BETWEEN THE CONTRACTORS SHALL BE AS PER ARTICLE 105.08 OF THE STANDARD SPECIFICATIONS.


**GROUND MOUNTED POLE NOTES**

1. AFTER NEW ELECTRIC CABLES ARE INSTALLED, FOUNDATIONS SHALL BE FILLED WITH FINE AGGREGATE ACCORDING TO ARTICLE 836.03. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
2. CONTRACTOR SHALL BE CAREFUL NOT TO DAMAGE EXISTING LIGHTING AND CAMERA CIRCUIT TO REMAIN. ANY DAMAGE SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

**CANAL BRIDGE NOTES (SN#060-0345)**

1. RUN 2 INCH GALVANIZED STEEL CONDUIT INSIDE THE MEDIAN TO THE LIGHT POLE FOUNDATIONS, UP INTO THE POLE PER THE PLAN DETAILS.
2. RUN RIGID 1 INCH GALVANIZED STEEL OR FLEXIBLE CONDUITS TO NAVIGATION LIGHTS. ASSOCIATED 1 INCH FLEXIBLE CONDUITS SHALL BE LIQUIDTIGHT FLEXIBLE NONMETALLIC CONDUIT.
3. INSTALL CONDUIT EXPANSION/DEFLECTION FITTINGS AT ALL BRIDGE EXPANSION JOINTS AS NOTED IN THE PLANS.
4. ALL STEEL PARTS AND FITTINGS PLACED ON THE BRIDGE SHALL BE STAINLESS STEEL, INCLUDING NUTS, BOLTS, AND WASHERS (UNLESS NOTED OTHERWISE). CONDUIT CLAMPS SHALL BE STAINLESS STEEL OR ENGINEER APPROVED EQUAL.
5. THE CONTRACTOR SHALL NOT DRILL INTO OR WELD METAL PARTS ONTO BRIDGE STRUCTURAL MEMBERS.
6. LIGHT POLES MOUNTED ON THE BRIDGE MEDIAN SHALL BE PROVIDED WITH VIBRATION ISOLATION MOUNTING PADS ACCORDING TO ARTICLE 1069.07 OF THE STANDARD SPECIFICATIONS. A STAINLESS STEEL SCREEN SHALL BE INSTALLED TO SEAL THE OPENING BELOW THE POLE BASE FROM RODENT ENTRY.
7. CONTRACTOR SHALL ENSURE EXISTING NAVIGATION AND AVIATION LIGHTS REMAIN IN OPERATION AS LONG AS OBSTRUCTIONS ARE PRESENT PER ARTICLE 801.11 OF THE STANDARD SPECIFICATIONS.
8. REMOVAL OF ELECTRIC CABLE FROM CONDUIT SHALL BE PAID FOR PER FOOT OF CONDUIT LENGTH REGARDLESS OF THE NUMBER OF CONDUCTORS INSIDE.

COMMITMENTS  
  
NONE

FILE NAME = #FILE#	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ELECTRICAL NOTES INTERSTATE 270</b>	FAI	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -	REVISED -			270	60-1B-1	MADISON	712	320
PLOT SCALE = #SCALE#	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 76A91				
PLOT DATE = #DATE#	DATE 3/18/11	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	