

PROPOSED JUNCTION BOX STAINLESS STEEL SURFACE MOUNTED TO STRUCTURE (TYP.) TOTAL 4 FURNISHED AND INSTALLED BY ELECTRIC CONTRACTOR

UNIT DUCT, 600V  
2-1/C NO. 10 (XLP-TYPE USE)  
3/4" DIA. POLYETHYLENE  
(FOR RWIS SEE SHEET 190)

ROADWAY WEATHER INFORMATION SYSTEM  
STA. 592+50  
(SEE RWIS DETAIL)

PROPOSED CONDUIT EMBEDDED IN STRUCTURE 2" PVC (FURNISHED AND INSTALLED BY BRIDGE CONTRACTOR) WEST JUNCTION BOX TO BD5

PROPOSED CONDUIT EMBEDDED IN STRUCTURE 2" PVC (FURNISHED AND INSTALLED BY BRIDGE CONTRACTOR) ELECTRIC CABLE 3 1/C #6 AND 1/C #8 GROUND WITHIN BD5 TO EAST JUNCTION BOX

2" CONDUIT EMBEDDED IN STRUCTURE 2 1/C #10 (TYP) FOR RWIS DETAILS SEE SHEET 135 & 190

PROPOSED LIGHTING UNIT 40 FT MA, 6 FT MA 310W HPS, MCIII LUMINAIRE MOUNTED ON BRIDGE STRUCTURE (TYP.)

PROPOSED LIGHTING UNIT, 40 FT MH, 12 FT MA 310W HPS MCIII LUMINAIRE WITH BREAKAWAY DEVICE (TYP.)

PROPOSED JUNCTION BOX EMBEDDED IN STRUCTURE 8"x8"x6" (TYP) TOTAL 2

2" CONDUIT FOR SENSOR CABLES (BETWEEN RWIS AND PARAPET), SEE RWIS DETAILS ON SHEET 190 (INCLUDED IN THE COST OF UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.).

EXISTING LIGHTING UNIT MOUNTED ON BRIDGE TO BE REPLACED WITH PROPOSED LIGHTING UNIT, 40 FT MH, 6 FT MA 310W HPS MCIII LUMINAIRE (TYP)

STA. 597+80 PROPOSED POLE FOR RWIS SENSOR. SEE RWIS DETAIL SHEET. REFER TO VAISALA RWIS LX INSTALLATION INSTRUCTIONS AND DETAILS FOR SENSOR MOUNTING DETAILS AND PROCEDURES.

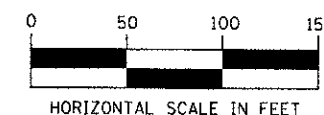
UNIT DUCT, 600V  
2-1/C NO. 10 (XLP-TYPE USE)  
3/4" DIA. POLYETHYLENE

COMBINATION SIGNAL/LIGHT POLE  
SEE SIGNAL PLANS (TYP.)

STA. 25+79  
BF2, 7.7' SETBACK  
SEE NOTE 5 AND 7

**NOTES:**

- BRIDGE LIGHT POLE FOUNDATION BOLT CIRCLE SHALL MATCH PROPOSED POLE BOLT CIRCLE. CONTRACTOR SHALL CONFIRM LIGHT POLE BASE ANCHOR SLOTS ARE SIZED TO ACCOMMODATE THE EXISTING BOLTS IN BRIDGE STRUCTURE.
- SEE STRUCTURAL DRAWINGS FOR FOUNDATION IN BRIDGE STRUCTURE.
- SEE STRUCTURAL DRAWINGS TO COORDINATE LOCATION OF CONDUIT AND JUNCTION BOXES IN STRUCTURE.
- SETBACKS INDICATED ARE FROM BACK OF CURB TO CENTER OF POLE.
- NO BREAKAWAY DEVICE REQUIRED.
- SEE BILL OF MATERIALS FOR RWIS FOR ALL ITEMS ASSOCIATED WITH POWER TO THE RWIS.
- SEE RIVER ROAD RETAINING WALL ELEVATION AND FOOTING PLAN DETAIL FOR LIGHT POLE FOUNDATION DETAILS (SHEET 167)



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USER NAME = jattene  
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PLOT SCALE = 1"=50'  
PLOT DATE = 7/23/2012

DESIGNED -	BL	REVISED -	
DRAWN -	RV/MSA	REVISED -	
CHECKED -	SA	REVISED -	
DATE -	7/23/12	REVISED -	

**MCHENRY COUNTY  
DIVISION OF TRANSPORTATION**

**LIGHTING PLAN - STA. 592+00 TO RIVER ROAD  
CHARLES J. MILLER ROAD ROADWAY IMPROVEMENTS**

SCALE: 1"=50' SHEET NO. 3 OF 9 SHEETS STA. 592+00 TO STA. 606+03

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3860	09-00372-00-PW	MCHENRY	252	117
FED. ROAD DIST. NO.			ILLINOIS/FED. AID PROJECT	

LTC-03

CONTRACT NO. 63633