



REMOVE EXISTING JUNCTION BOX

REMOVE CONDUIT ATTACHED TO STRUCTURE 114 LIN. FT.,  
REMOVE CONDUIT BURIED UNDERGROUND EXTENDING TO  
TRAFFIC SIGNAL MANHOLES 33 LIN. FT., AND MAINTAIN  
EXISTING ELECTRICAL SERVICE DURING CONSTRUCTION.

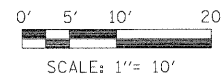
REMOVE EXISTING JUNCTION BOX

IL ROUTE 173

100+00

**NOTES**

1. REMOVE EXISTING CONDUIT & EXISTING JUNCTION BOXES FROM THE EXISTING STEEL RAILING, AND MAINTAIN EXISTING ELECTRIC SERVICE DURING THE INSTALLATION OF THE BRIDGE SCOPE OF WORK. AFTER THE BRIDGE WORK IS COMPLETE, THE CONTRACTOR SHALL RE-ATTACH THE EXISTING SYSTEM TO THE NEW STEEL RAILING. COST SHALL BE INCLUDED IN REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE AND REMOVE EXISTING JUNCTION BOX. THE PAY ITEMS FOR CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL AND JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x12"x6" ARE TO BE USED ONLY IF THE ENGINEER DETERMINES THAT REPLACEMENT ITEMS ARE NECESSARY.
2. HOLES SHALL BE FIELD DRILLED IN THE RAIL POSTS TO RE-ATTACH THE CONDUIT TO THE STRUCTURE.
3. IF THE ENGINEER DEEMS NECESSARY TO USE NEW HARDWARE TO RE-ATTACH THE CONDUIT, THIS SHALL BE INCLUDED IN THE COST OF REMOVE CONDUIT ATTACHED TO STRUCTURE, AT NO EXTRA COST TO THE DEPARTMENT.



EXISTING 2"  $\phi$  GALVANIZED  
STEEL CONDUIT, TYP.

EXIST. CONDUIT RE-ATTACHED  
TO STRUCTURE

EXIST. JUNCTION BOX RE-ATTACHED  
TO STRUCTURE

EXIST. JUNCTION BOX RE-ATTACHED  
TO STRUCTURE

EXIST. CONDUIT RE-ATTACHED  
TO TRAFFIC SIGNAL MANHOLE, TYP.

NEW CONC. CURB

NEW DECK BEAMS AND  
CONC. WEARING SURFACE

EXISTING WINGWALL, TYP.

**LOCO, INC.**  
CONSULTING ENGINEERS  
1560 WALL ST., SUITE 222  
NAPERVILLE, ILLINOIS 60563 PH 6301 577-9100

DESIGNED - MJY  
DRAWN - ST, TSC  
CHECKED - MJY, SLV  
DATE - 06/25/2010

REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ELECTRICAL PLAN  
IL ROUTE 173 OVER DES PLAINES RIVER**

SCALE: 1" = 20'

SHEET NO. 1 OF 1 SHEET

STA. 98+00 TO STA. 101+80

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	136 B-1	LAKE	43	15
D-91-290-09			CONTRACT NO. 60F93	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				