

CONDUIT ATTACHMENT SECTION (1)
SCALE: NTS

NOTE:
1. CONDUIT ATTACHMENT TO EXISTING STRUCTURE INCLUDING HARDWARE, INSTALLATION AND GALVANIZING REPAIR SHALL BE INCIDENTAL TO CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC COATED GALVANIZED STEEL AND TO CONDUIT ATTACHED TO STRUCTURE 1/2" DIA., PVC COATED GALVANIZED STEEL

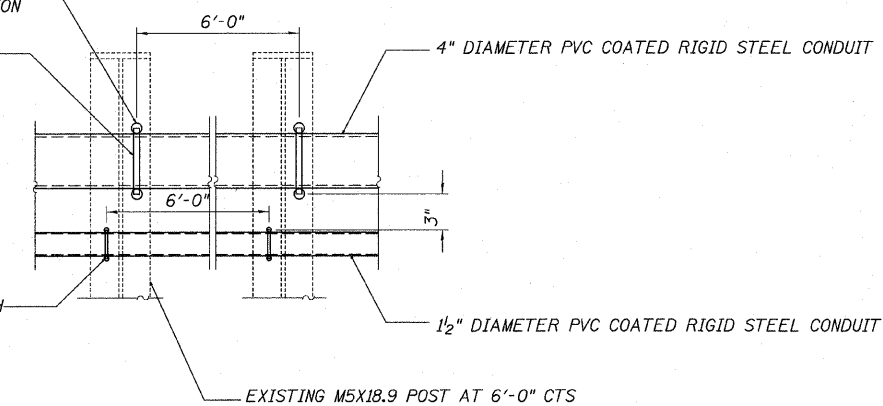
NO SEPARATE PAYMENT WILL BE MADE FOR BOLTS, NUTS, WASHERS AND THE COST OF SUCH ITEMS SHALL BE INCLUDED IN THE UNIT PRICES OF ITEMS ON WHICH THEY ARE USED.

2. GALVANIZING REPAIR:
REPAIR DAMAGE TO GALVANIZED COATING USING ASTM A 780/A 780M ZINC RICH PAINT FOR GALVANIZING DAMAGED BY HANDLING, CUTTING OR BOLTING. DO NOT HEAT SURFACES TO WHICH REPAIR PAINT HAS BEEN APPLIED.

DRILL EXISTING FLANGE AT LOCATION OF U-BOLT ATTACHMENT. GALVANIZED POST SHALL BE PATCHED PRIOR TO ANY VISIBLE OXIDATION APPEARING.

ATTACH 4" CONDUIT TO EXISTING M5 WITH COOPER B-LINE B3188-4 STAINLESS STEEL U-BOLT OR EQUIVALENT.

ATTACH 1/2" CONDUIT TO EXISTING M5 WITH COOPER B-LINE B3188-1/2 STAINLESS STEEL U-BOLT OR EQUIVALENT.



CONDUIT ATTACHMENT ELEVATION (2)
SCALE: NTS

NOTES:
MAXIMUM SPACING BETWEEN U-BOLTS SHALL NOT EXCEED 10 FEET FOR 4" DIA PVC COATED RIGID STEEL CONDUIT AND NOT TO EXCEED 7 FEET FOR 1/2" DIA PVC COATED RIGID STEEL CONDUIT.

STAGGER U-BOLT PLACEMENT AS SHOWN ON ELEVATION ABOVE.

FILE NAME =	USER NAME = rdshhan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CABLE INSTALLATION - I-55 (LORENZO ROAD TO I-80) DES PLAINES RIVER BRIDGE CONDUIT ATTACHMENT	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
P:\P-07-1500-12\Client\TSC Plans\Des Plain	Des Plaines River Bridge Conduit Attachment.dgn	DRAWN -	REVISED -			55	2009-112 I	WILL	56	51
PLOT SCALE = #SCALE#	CHECKED -	REVISED -	CONTRACT NO. 60J24							
PLOT DATE = 4/20/2010	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE: 1" = 50'	SHEET NO. OF SHEETS STA. TO STA.				