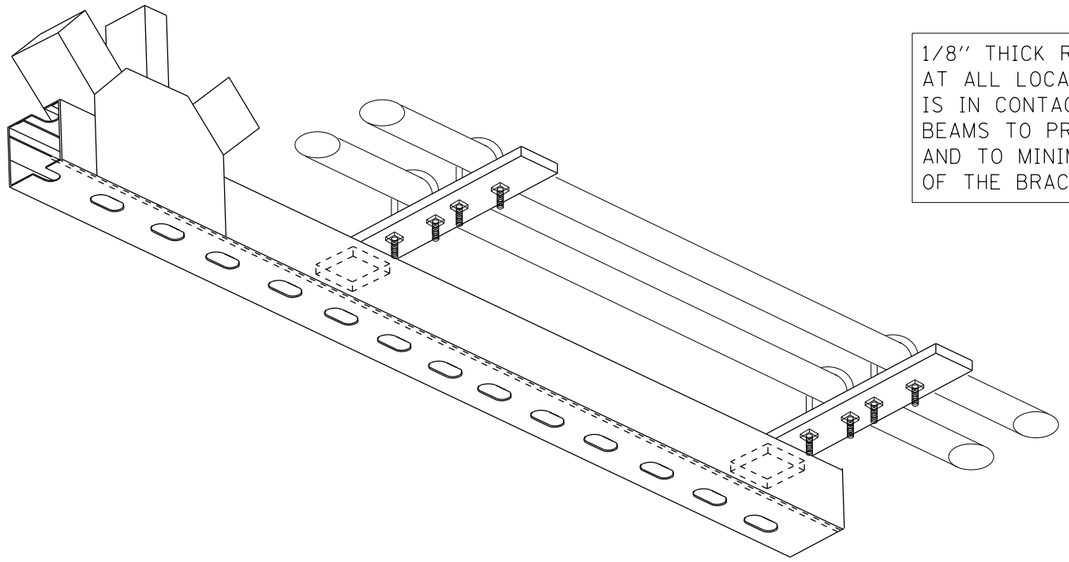
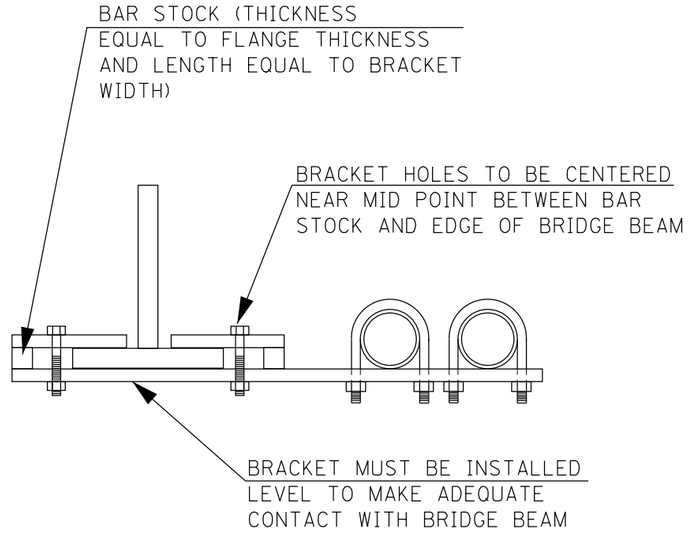
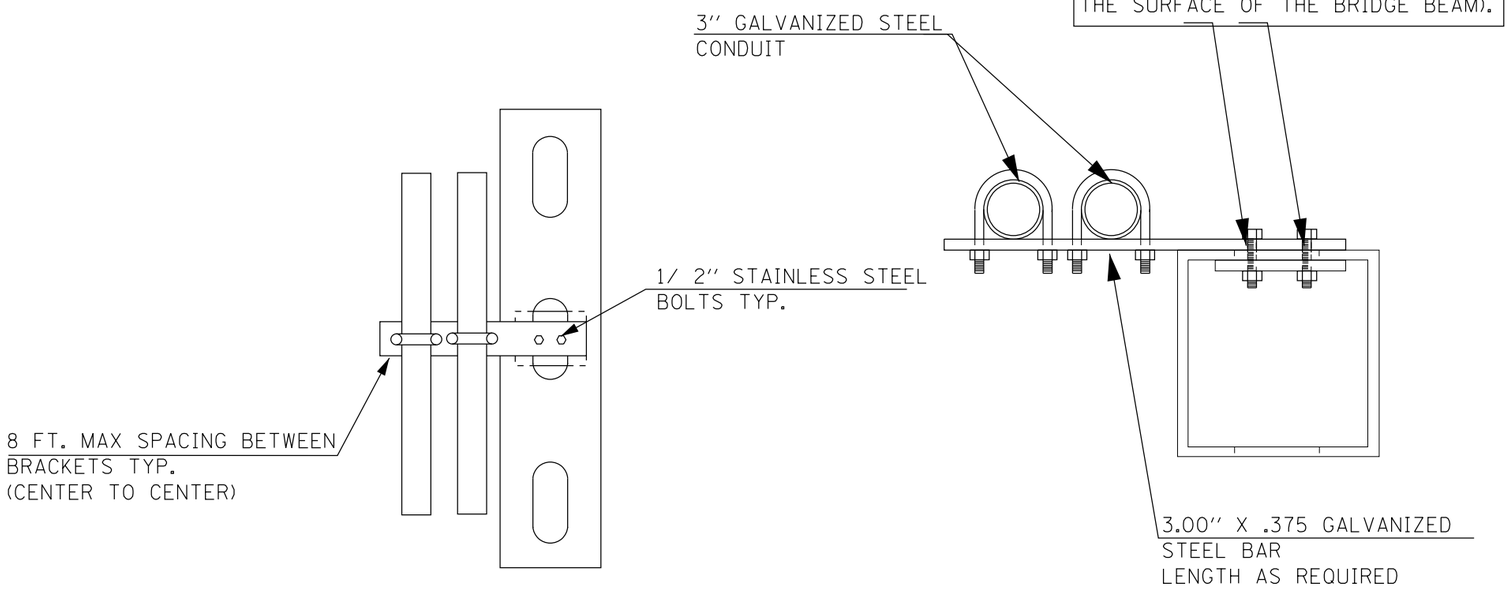


1/8'' THICK RUBBER PAD SHALL BE USED AT ALL LOCATIONS WHERE THE BRACKET IS IN CONTACT WITH THE BRIDGE BEAMS TO PREVENT DAMAGE TO THE PAINT AND TO MINIMIZE VIBRATION INDUCED MOVEMENT OF THE BRACKET ON THE BEAM.



CONDUIT ATTACHMENT ON APPROACH SPANS



CONDUIT ATTACHMENT ON SUPERSTRUCTURE BOX BEAM

NOTES:

1. THE CONTRACTOR SHALL VERIFY AND FINALIZE ALL BRACKET DIMENSIONS. THE BRACKETS SHALL BE COMPATIBLE WITH EXISTING FIELD CONDITIONS.
2. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ENSURING THAT THE BRACKET DIMENSIONS ARE CORRECT PRIOR TO RELEASING THE BRACKETS FOR PRODUCTION.
3. THE CONTRACTOR SHALL CONSTRUCT PROTOTYPE BRACKETS AND INSTALL THEM ON THE STRUCTURE TO VERIFY FIT PRIOR TO RELEASE.
4. ALL HARDWARE SHALL BE $\frac{1}{2}$'' DIAMETER STAINLESS STEEL (GRADE 18-8/304).
5. THE CONTRACTOR SHALL UTILIZE LOCK WASHERS WITH ALL NUTS.
6. THE CONTRACTOR SHALL UTILIZE THREAD LOCKER ON ALL THREADED CONNECTIONS.
7. ALL BRACKET COMPONENTS SHALL BE FULLY HOT DIPPED GALVANIZED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS (AASHTO M 111).
8. THERE WILL BE NO ADDITIONAL COMPENSATION FOR MINOR ADJUSTMENTS TO THE CONDUIT MOUNTING BRACKETS THAT ARE REQUIRED FOR COMPATIBILITY WITH EXISTING FIELD CONDITIONS.
9. THE CONTRACTOR SHALL SUBMIT A COMPLETE PACKAGE (INCLUDING CONDUIT BRACKETS, HARDWARE, ATTACHMENT POINTS, ATTACHMENT METHODS, ETC.) TO THE DEPARTMENT FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WORK.

FILE NAME = c:\notes\68b04 fiber plans\68b04\68B04	USER NAME = keithbr	DESIGNED -	REVISED -
	Woodhull to Moline (1-95) - Final 4-30-12.dgn	DRAWN -	REVISED -
	PLOT SCALE = 171.6216 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/1/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE CONDUIT ATTACHMENT BRACKET DETAILS

SCALE: STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	D4 FIBER OPTIC 2013	HENRY/ROCK ISL	96	95
		CONTRACT NO. 68B04		
	ILLINOIS FED. AID PROJECT			