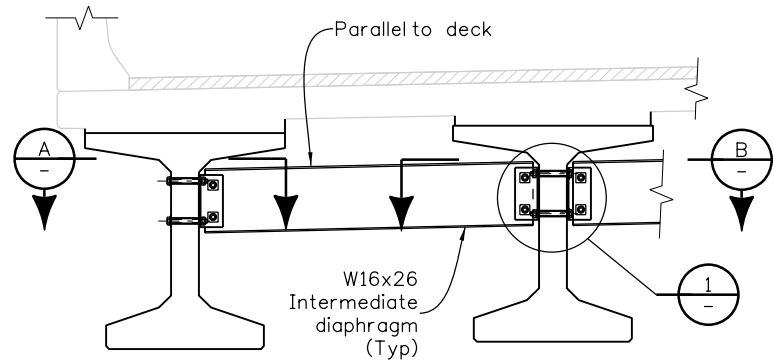
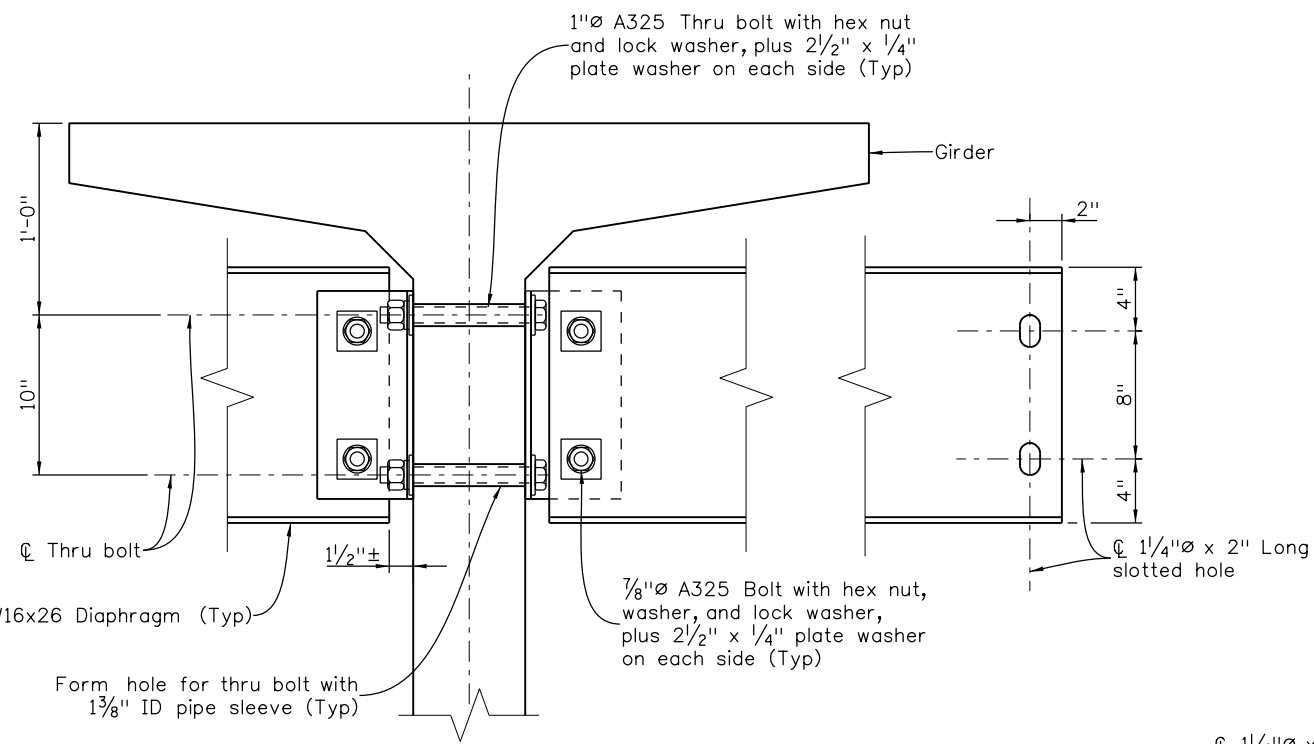


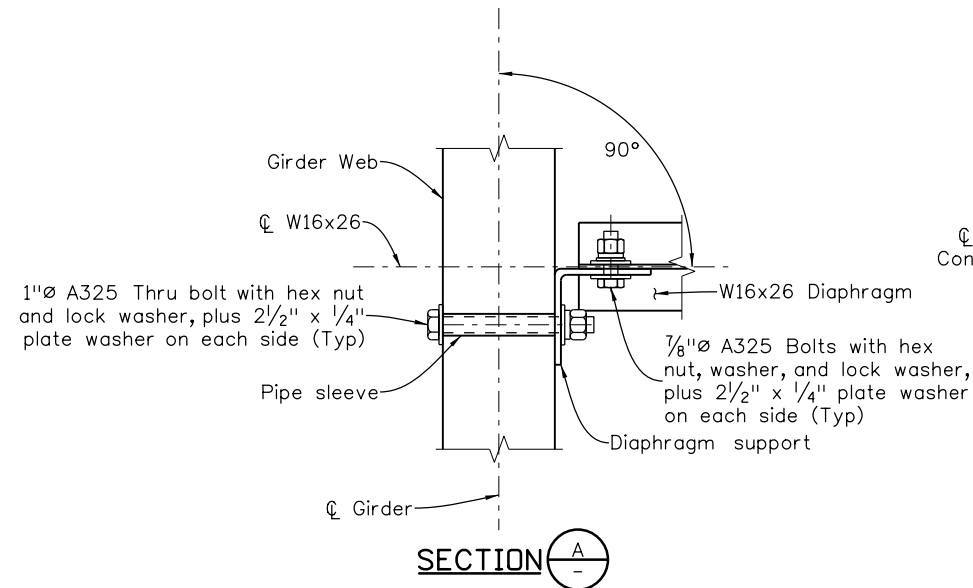
Revision Dates	(Preliminary Stage Only)
6/19	7/19
3/23	



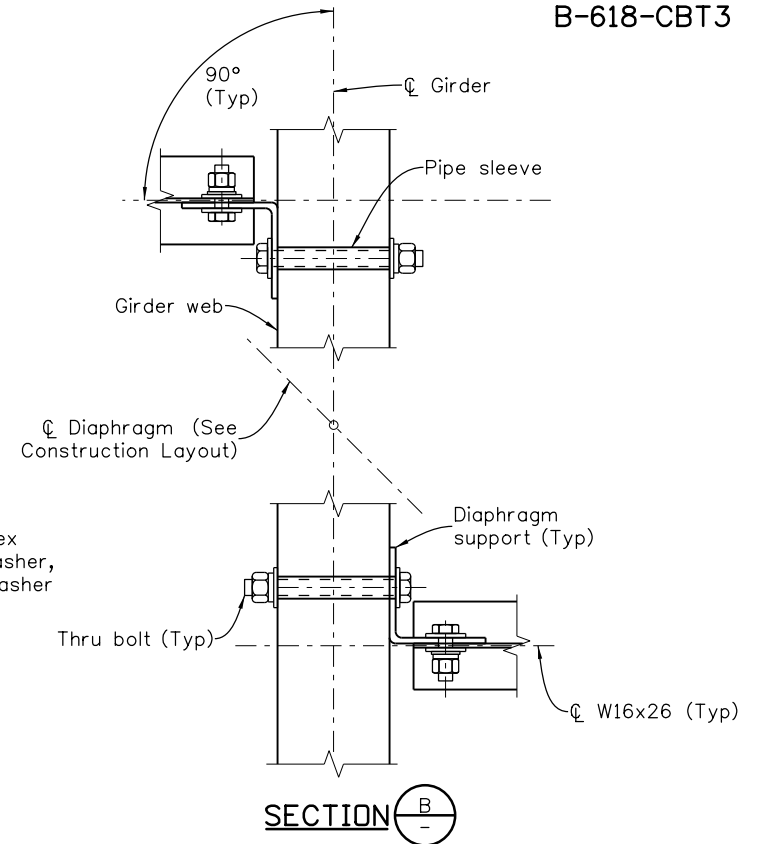
PARTIAL ELEVATION AT DIAPHRAGM
(Taken normal to girder)



ELEVATION AT DIAPHRAGM DETAIL 1
(Taken normal to girder)



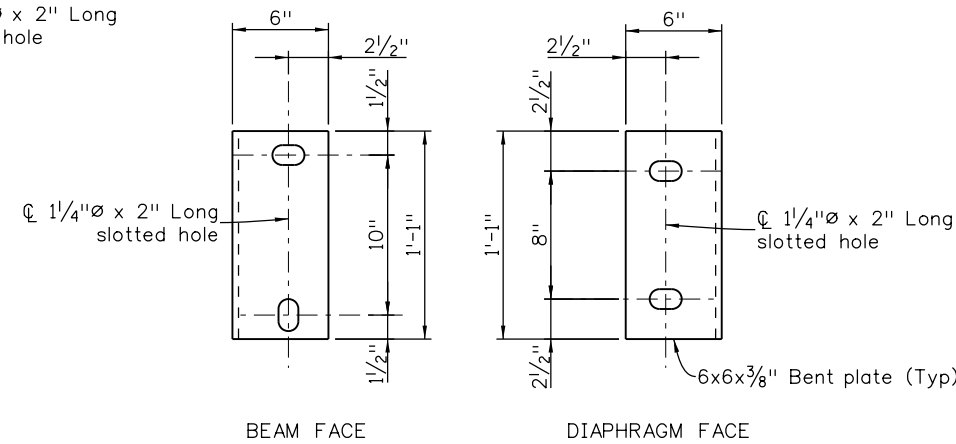
SECTION A



SECTION B

NOTES

1. See Construction Layout for Intermediate Diaphragm locations.
2. All diaphragm materials, including bolts, nuts, and washers, shall be galvanized in accordance with section 509 of the standard specification. Galvanize after fabrication.
3. Bolts, nuts and lock washers may be zinc plated in lieu of being galvanized.
4. The Contractor is responsible for determining necessary bracing requirements and for providing adequate bracing for the specific wind, construction loading, and weather conditions to be encountered for each specific project.
5. When bracing or diaphragms are required, no girders shall be erected and left unbraced. The intermediate diaphragms (when used) shall be connected to the adjacent girders simultaneously with the erection of the girders.
6. Use and installation of the intermediate diaphragms shall not relieve the Contractor of full responsibility to construct the Work in a manner which provides all necessary rigidity, supports all loads imposed, and provides in the finished structure the lines and grades indicated on the plans.
7. The following structural steel shall be AASHTO M270 Grade 36 (ASTM A36): Diaphragms & Bearing plates.
8. Special details such as shorter height bent plates will be required for CBT30 & CBT36 when diaphragms are needed.



DIAPHRAGM SUPPORT DETAIL

INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						

All seals for this set of drawings are applied to the cover page(s)	Print Date: \$DATE\$	Sheet Revisions			Colorado Department of Transportation		As Constructed		DIAPHRAGM CONNECTION		Project No./Code
	File Name: Sheet_B-618-CBT3.dgn	Date:	Comments	Init.	 2829 West Howard Place, 3rd Floor Denver, CO 80204 Phone: 303-512-4079 FAX: 303-757-9197 Staff Bridge Branch	No Revisions:		Project Number			
	Horiz. Scale: Not to Scale Vert. Scale: As Noted					Revised:	Designer: XXXXXXXX	Structure Numbers	X-XX-XX	Code	
Unit Information Unit Leader Initials				Void:		Detailer: XXXXXXXX	Subset Sheets: BXX of XXX	X-XX-XX	Sheet Number		