

Sheet Revisions

Comments

## NOTES

See Construction Layout for Intermediate Diaphragm locations.

SECTION

2. All diaphragm materials, including bolts, nuts, and washers, shall be galvanized in accordance with section 509 of the standard specification. Galvanize after fabrication.

-Ç Girder

-Pipe sleeve

Diaphraam

support (Typ)

(Typ)

Girder web-

B-618-CBT3

·¢ W16x26 (Typ)

- 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
- 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.
- The following structural steel shall be AASHTD M270 Grade 36 (ASTM A36): Diaphragms & Bearing plates.
- Special details such as shorter height bent plates will be required for CBT30 & CBT36 when diaphragms are needed.

All seals for this set of drawings are applied to the cover page(s)

Print Date: \$DATE\$ ile Name: Sheet\_B-618-CBT3.dgn Date: Horiz. Scale: None Vert. Scale: As Noted Jnit Information Unit Leader Initials

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Colorado Department of Transportation

Initials |

As Constructed Project No./Code DIAPHRAGM CONNECTION No Revisions: Project Number Designer: XXXXXXXX X-XX-XXStructure Revised: Code Numbers Detailer: XXXXXXXX X-XX-XXVoid: Sheet Number Sheet Subset: BRIDGE Subset Sheets: BXX of XXX