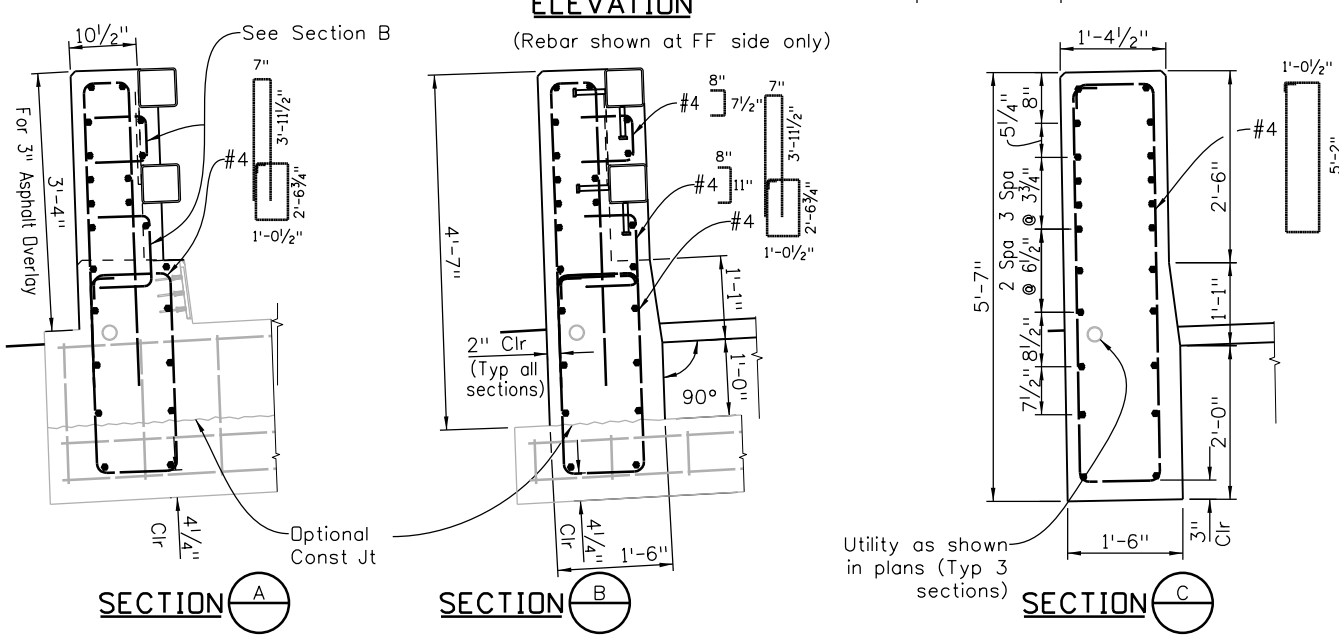
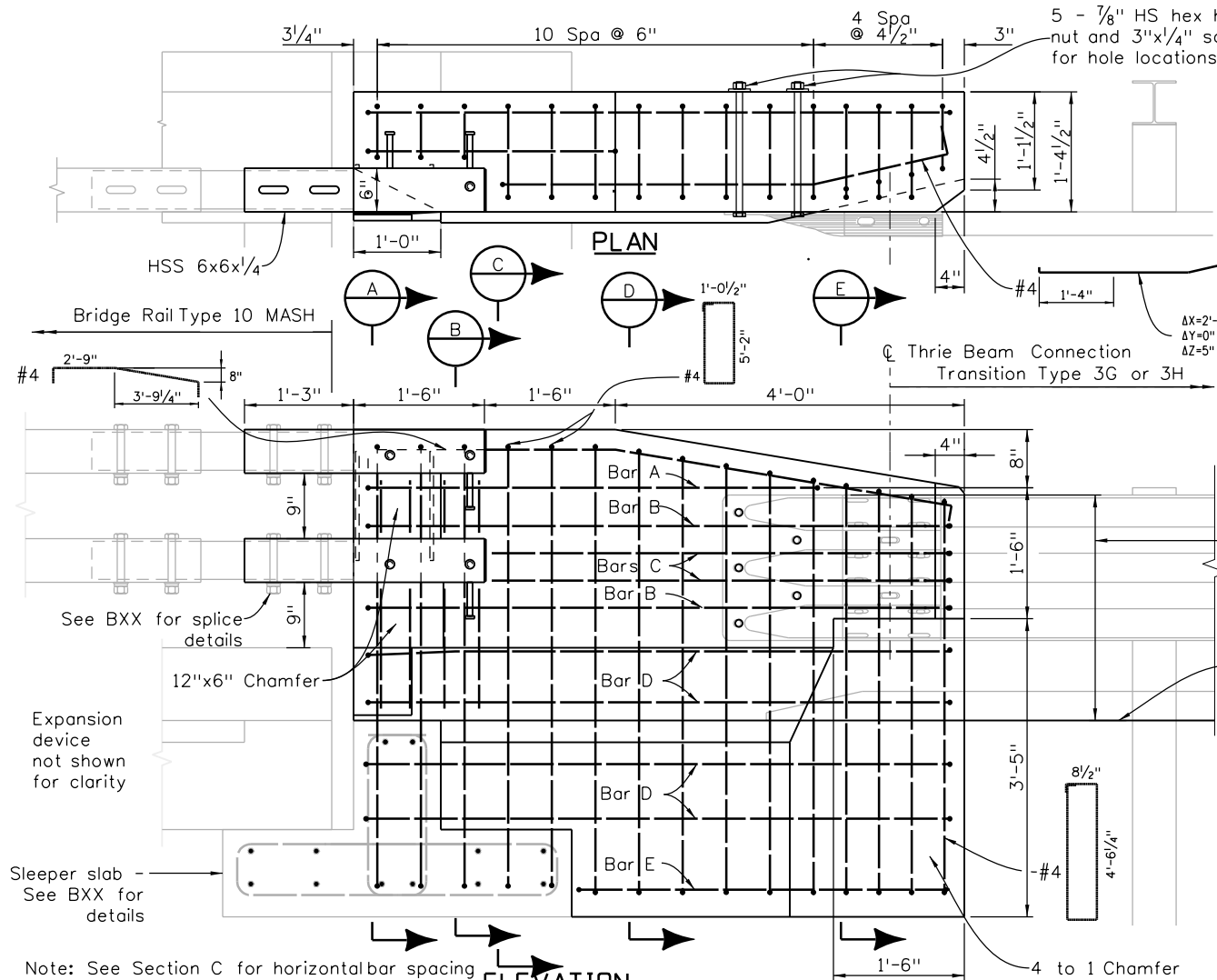


Revision Dates	12/19	1/20	12/21	5/22	7/22	9/24
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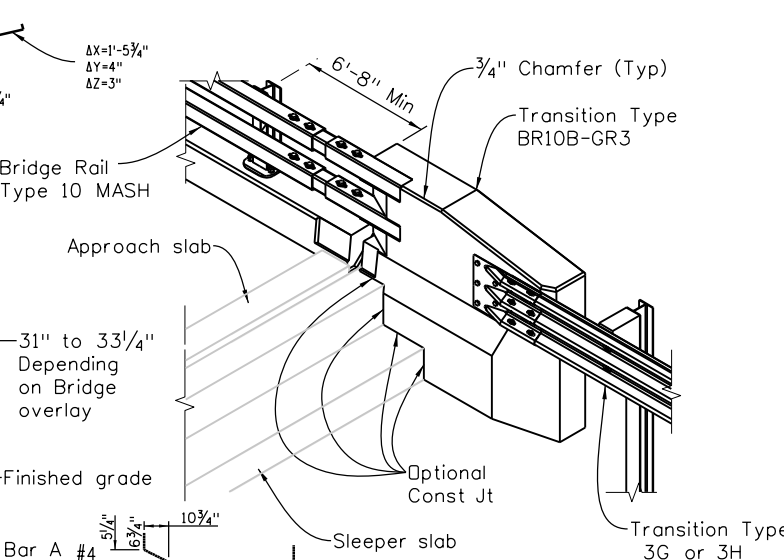
INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						

\$PLOT_INFO\$

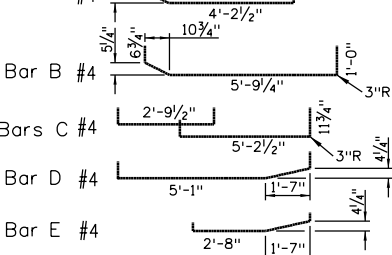


INFORMATION ONLY

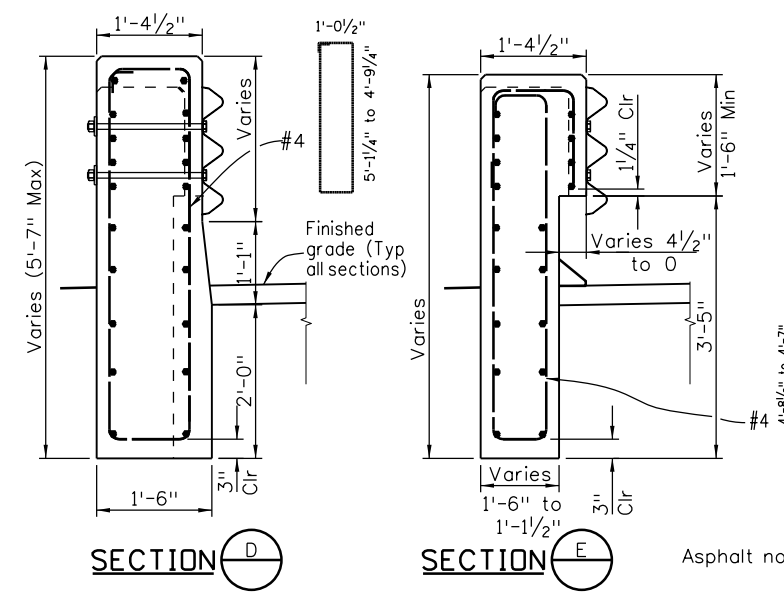
Description	Unit	Quantity
Concrete Sealer	SY	5.5
Structural Steel (Galvanized)	LB	135
Concrete Class DF	CY	1.7
Reinforcing Steel (Epoxy Coated)	LB	259



ISOMETRIC VIEW



REINFORCING DIMENSIONS



B-606-10MASH C

(Use with B-606-10MASH & B-606-10MASH D)

NOTES:

- All tubes shall be ASTM A1085. All posts, base plates, and splice tubes fabricated by welding shall be ASTM A572 Grade 50. All other steel shall be Grade 36 unless otherwise noted.
- The above material and all anchor bolts and miscellaneous bolts, nuts, and washers shall be galvanized after fabrication in accordance with Section 509. Concrete, reinforcing steel, and structural steel elements shall conform to the requirements of Sections 601 & 606, 602 and 509, respectively unless noted otherwise.
- All bolts that have lock washers shall be tightened to snug only.
- The top, inside and end faces of the transition shall receive a coating conforming to - Item 515, Concrete Sealer, compatible with the sealer used on the deck concrete.
- Payment will be made under item 606, Transition Type BR10B-GR3, for all anchor bolts, miscellaneous bolts, nuts, washers, tubes, studs, concrete Class DF, reinforcing steel, and concrete sealer. Excavation and backfill will not be paid for separately, but shall be included in the work.
- Prior to fabrication of this item, an electronic PDF which complies with the requirements of section 105, shall be submitted to the Engineer for information only.
- All longitudinal reinforcement shall terminate with standard stirrup hooks as shown. Rotate or adjust reinforcing hooks to avoid interferences as required.
- Transitions shall be constructed tapering perpendicular to bridge cross slope (Bridgerail beyond coverplate) to plumb (3G/3H side). Vertical dimensions are perpendicular to the longitudinal roadway grade.
- The Thrie Beam connection/post of type 3G or 3H shall be adjusted or rotated to match the transition plate.
- Rotate and adjust rebar at back face to avoid interference as required.

DESIGN DATA

Structural Steel:
AASHTO M270 Gr 36 (ASTM A709 Gr 36) fy = 36 KSI
AASHTO M270 Gr 50 (ASTM A992/A572 Gr 50) fy = 50 KSI
ASTM A1085 fy = 50 KSI

Concrete: Class DF: f'c = 4.5 KSI

Reinforcing Steel: fy = 60 KSI Min

All reinforcing bends shown shall use a 4D pin diameter.

Designer/Detailer: Any changes to barrier shape or reinforcing shall be approved by Staff Bridge.

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		TRANSITION TYPE BR10B-GR3			Project No./Code	
	File Name: Sheet_B-606-10MASHC.dgn	Date:	Comments	Init.	2829 West Howard Place, 3rd Floor		No Revisions:		SHEET 1			Project Number	
	Horiz. Scale: None Vert. Scale: As Noted				Denver, CO 80204		Revised:		Designer:	XXXXXXX	Structure	X-XX-XX	Code
	Unit Information Unit Leader Initials				Phone: 303-512-4079		Void:		Detailer:	XXXXXXX	Numbers	X-XX-XX	
					FAX: 303-757-9197				Sheet Subset:	BRIDGE	Subset Sheets:	BXX of XXX	Sheet Number



Staff Bridge Branch

Initials