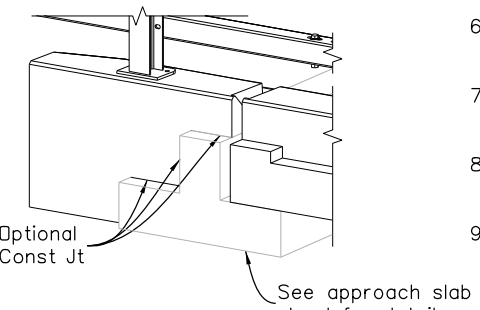
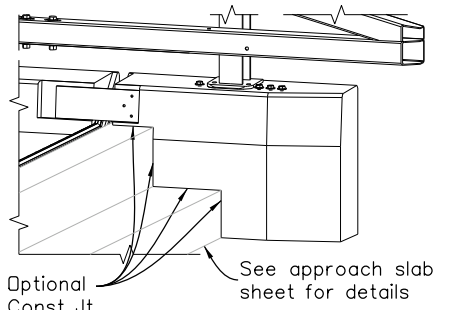
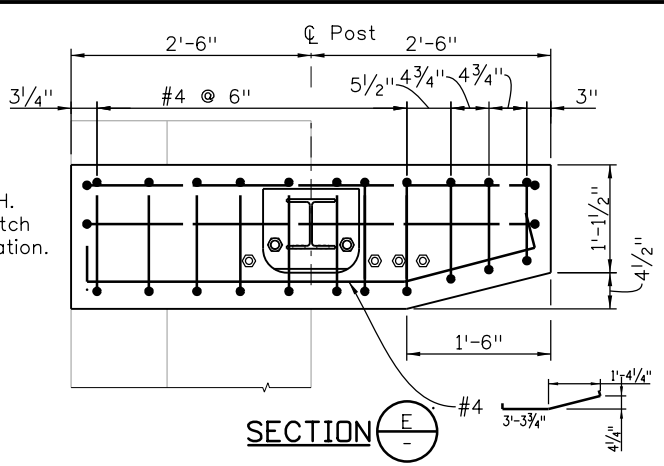
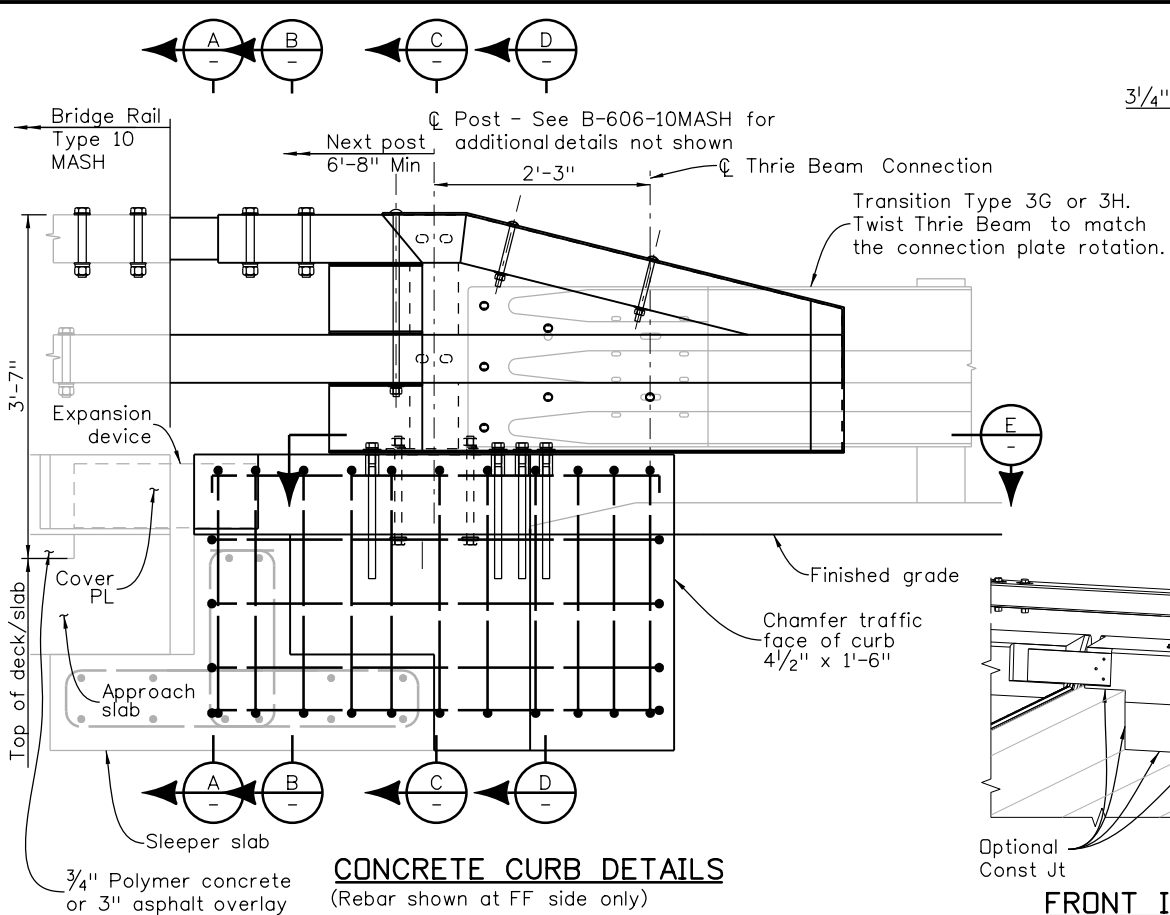


Revision Dates (Preliminary Stage Only)			
12/19	12/19	1/20	3/23
5/22	7/22	6/20	7/22

INITIALS	DESIGN	DATE	DETAIL	DATE	QUANTITY	DATE
By						
Checked By						



- NOTES:** (Use with B-606-10MASH & 10MASH B)
- 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 otherwise noted.
 - All bolts that have lock washers shall be tightened to snug only. All anchors shall be cast in place unless approved by Engineer.
 - The top and inside face of the rail shall receive a coating conforming to Item 515, Concrete Sealer, compatible with the concrete coating or sealer/stain shown in the plans.
 - Payment will be made under item 606, Transition Type BR10M-GR3, for all anchor bolts, miscellaneous bolts, nuts, washers, tubes, tube expansion device, joint filler, expansion joint material, concrete (Class D with macrofiber), 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.
 - The Thrie Beam connection/post of Type 3G or 3H shall be adjusted or rotated to match the transition plate.
 - Posts, concrete curbs, and stirrups shall be perpendicular to the longitudinal roadway grade and cross slopes.

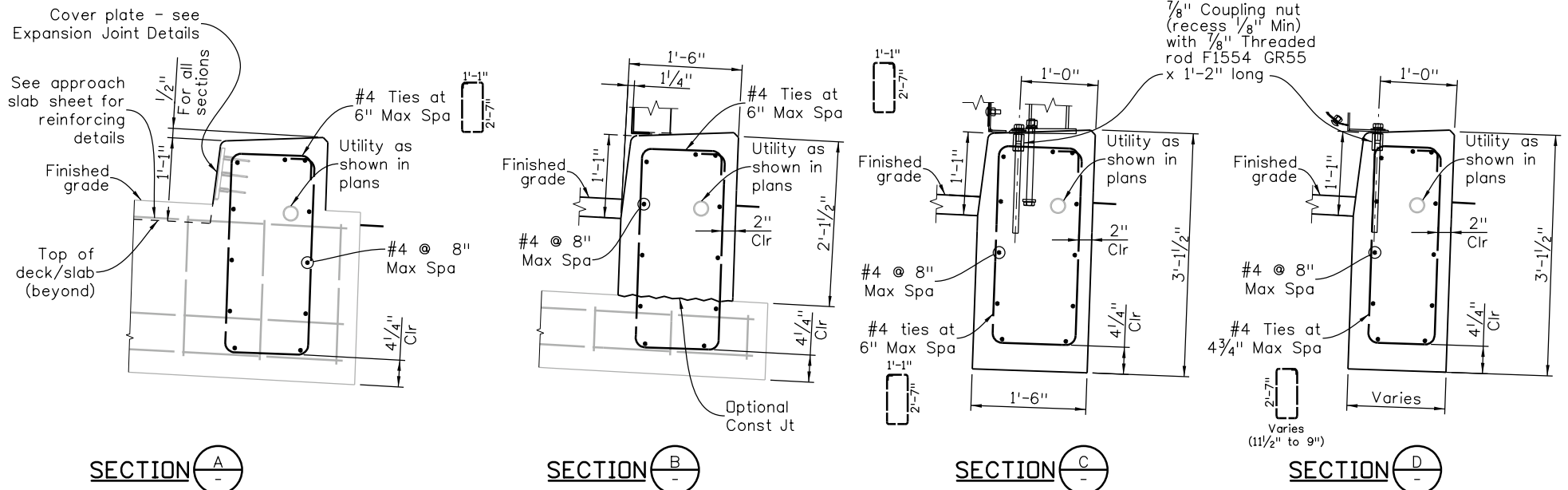
CONCRETE CURB DETAILS
 (Rebar shown at FF side only)

Note: Shaded linework is from other Pay Items
 Note: Curb dimensions typical for all sections unless noted otherwise

Designer/Detailer:
 Any changes to the bridge rail transition details must be approved by Staff Bridge.

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 D with Macrofiber f'c = 4.5 KSI
 Reinforcing Steel: fy = 60 KSI Min
 All reinforcing bends shown shall use a 4D pin diameter.



Note: Shaded linework is from other Pay Items

INFORMATION ONLY

DESCRIPTION	UNIT	QUANTITY
Structural Steel (Galvanized)	LB	610
Concrete Sealer	SY	2.5
Concrete Class D with Macrofiber	CY	.7
Reinforcing Steel (Epoxy Coated)	LB	99

All seals for this set of drawings are applied to the cover page(s)	Print Date: \$DATE\$	Sheet Revisions			Colorado Department of Transportation 2829 West Howard Place, 3rd Floor Denver, CO 80204 Phone: 303-512-5989 Phone: FAX: 303-757-9197 Staff Bridge Branch	As Constructed	TRANSITION TYPE BR10M-GR3		Project No./Code		
	File Name: Sheet_B-606-10MASHA.dgn	Date:	Comments	Init.			No Revisions:	SHEET 1		Project Number	
	Horiz. Scale: Not to Scale Vert. Scale: As Noted						Revised:	CURB DETAILS			
Unit Information	Unit Leader Initials				Void:	Designer: XXXXXXXX	Structure Numbers: X-XX-XX	Code			
						Detailer: XXXXXXXX	Subset Sheets: BXX of XXX		Sheet Number		