

B-606-10MASH C

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

1. 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.

2. 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.

3. All bolts that have lock washers shall be tightened to snug only.

4. 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 concreté.

5. 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 work.

6. 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.

7. All longitudinal reinforcement shall terminate with standard stirrup hooks as shown. Rotate or adjust reinforcing hooks to avoid interferences as required.

8. 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.

9. The Thrie Beam connection/post of type 3G or 3H shall be adjusted or rotated to match the transition plate.

10. Rotate and adjust rebar at back face to avoid interference as required.

DESIGN DATA

AASHTO M270 Gr 36 (ASTM A709 Gr 36) AASHTO M270 Gr 50 (ASTM A992/A572 Gr 50) = 36 KSI = 50 KSI ASTM A1085 fy = 50 KSIConcrete: Class DF: f'c = 4.5 KSIfy = 60 KSI Min Reinforcing Steel:

All reinforcing bends shown shall use a 4D pin diameter

¹ Designer/Detailer: Any changes to barrier shape or reinforcing shall be approved by Staff Bridge.

Asphalt not shown in sections for clarity

TRANSITION TYPE BR10B-GR3				Project No./Code
SHEET 1				Project Number
gner: XX	XXXXXX	Structure	X-XX-XX	Code
iler: XX	XXXXXX	Numbers	X-XX-XX	
t Subset:	BRIDGE	Subset Sh	eets: BXX of XXX	Sheet Number