

presented in this Standard Drawing has been prepared in accordance with recogniz-iples and is for general use. It should not be used for specific application without sistonal examination and verification of its suitability and applicability by a licensed neer. Contents within the inner border line shall not be altered.

06/12

DATE

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Construction Specification - Arizona Department of Transportation Standard Specifications for Road

Design Specifications - AASHTO LRFD Bridge Design

This barrier has been successfully crash tested and is structurally evaluated as meeting the requirements of NCHRP Report 350 Test Level 4.

All Concrete shall be Class "S" (f'c = 4500 psi).

- Specification A615. All reinforcing shall be furnished as Grade 60. All reinforcing shall be epoxy coated at locations above EL.4000 ft.
- All bends and hooks shall meet the requirements of AASHTO LRFD Article 5.10. All bend dimensions for reinforcing steel shall be out-to-out of bars. All placement dimensions for reinforcing
- All reinforcing steel shall have $1\frac{1}{2}$ inch clear
- Structural tubing (TS) shall be ASTM A500 Grade B. Anchor plates, posts and other structural steel shall conform to ASTM A36 unless noted otherwise.
- All anchor bolts, studs, nuts and washers shall be ASTM A325 and shall be galvanized in accordance
- Labor and materials for steel railing assembly, curb, end block, anchorage bars and hardware are included in the pay item (Item No. 6011134).

	ARIZONA DEPARTMENT OF TRANSPO INFRASTRUCTURE DELIVERY AND OPERAT BRIDGE GROUP STANDARD DR	TIONS DIVISION
		DRAWING NO.
12/17	TWO TUBE BRIDGE RAIL	SD 1.06
TION DATE		Sheet 1 of 4