





## BRIDGE RAILING NOTES:

- additional sidewalk width is required.
- and vertical transversely, unless otherwise shown in the Contract Plans.
- or 6061-T6.
- level transversely. Concrete class shall be the same as the bridge deck.
- not required.
- complete installation of the railing.

LAST	NC	DESCRIPTION
REVISION	SI	
01/01/11	REVI	

APPLICABILITY NOTE: Railing is limited to use on bridges with an expansion joint thermal movements not exceeding 5". Scheme 3 is limited to bridge retrofit applications where

RAILING DETAILS: For Railing fabrication and installation details and notes see Index No. 862, except that railing shall be fabricated and installed normal to the Profile Grade longitudinally

BOTTLE-GUARD (Schemes 1 & 3): L-Shape shall be in accordance with ASTM B209, Alloy 6063-T5

CONCRETE CURB (Scheme 2): Construct concrete curb vertical with the top surface finished

SIDE-MOUNTED SUPPORT BRACKET (Scheme 3): L-Shape and Stiffener Plate shall be in accordance with ASTM B209, Alloy 6061-T6. Welding shall be in accordance with the American Society of Structural Welding Code (Aluminum) ANSI/AWS D1.2 (current edition). Filler metal shall be either ER4043, ER5183, ER5356 or ER5556. Nondestructive testing of welds is

PAYMENT: Railing shall be paid per linear foot (Item No. 515-2-abb) for the aluminum railing and include the cost of support brackets (Scheme 3). Concrete and reinforcing steel quantities for the concrete curb (Scheme 2), will be included in the bridge deck plan quantity pay items. Payment will be plan quantity measured as the length along the center line of the top rail, and includes rails, posts, pickets, rail splice assembly, base plates, bottle-guards, anchor bolts, nuts, washers, resilient or neoprene pads and all incidental materials and labor required to

E RAILING	INDEX NO.	SHEET NO.
	861	3 of 3