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S U P P L E M E N T A L S P E C I F I C A T I O N
A M E N D M E N T T O S E C T I O N 5 6 3 – B R I D G E R A I L

The purpose of this Supplemental Specification is to disallow aluminum in bridge fence applications, except for use as ties.

Amend 1.2 and 1.3 to read:

1.2 Designations. Bridge rails are classified as follows:

Type	Bridge Railing
Steel Tube Railing, 2 Rail	T2
Steel Tube Railing, 3 Rail	T3
Steel Tube Railing, 4 Rail	T4
W-Beam with Steel Tubing	T101
Aluminum Railing (2 Bar)	F2
Aluminum Railing (3 Bar)	F3

1.3 This work shall consist of furnishing and erecting protective screening or snow fence in conformity with details shown on the plans or ordered.

Amend 2.2 to read:

2.2 Steel pipe for bridge railing, shall conform to ASTM A 53, Grade B, seamless unless specified otherwise on the plans.

Amend 2.6 to read:

2.6 Aluminum railing and aluminum and steel appurtenances shall conform to the pertinent materials specified in the latest edition of “A Guide To Standardized Highway Barrier Rail Hardware”, by the AASHTO-AGC-ARTBA Task Force 13, ARTBA (formerly Technical Bulletin No. 268-B AGC Standard Form No. 131, June 1979) as amended.

Amend 2.8 to read:

2.8 Protective screening and snow fence materials shall meet the material requirements shown on the plans and as noted below:

2.8.1 Chain-link fabric shall be 9-guage steel, 1½” mesh, aluminum-coated conforming to AASHTO M181, Type II (ASTM A491).

2.8.2 Wire ties shall be standard round 9-guage aluminum coated steel or 6-guage aluminum alloy conforming to ASTM F626.

2.8.3 Post and rail pipes shall be hot-dip galvanized steel conforming to AASHTO M181, Grade 1 (ASTM F1083). All pipe shall be schedule 40, standard weight.

2.8.4 Tension bars, bar bands, in-line rail clamp, and end rail clamps shall be steel, hot-dip galvanized in accordance with AASHTO M111 (ASTM A123) or AASHTO M232 (ASTM A153), as applicable. All bar bends shall have a beveled edge.

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2.8.5 All bolts and nuts shall be steel conforming to ASTM A307 and ASTM A563 Grade A, respectively. Washers shall be hardened steel commercial Type A plain, and shall meet the dimensional requirements of ANSI B18.22. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M111 (ASTM A123) or AASHTO M232 (ASTM A153), as applicable.

Amend 4.1 to read:

4.1 Bridge rail, of the type specified, will be measured by the linear foot, to the nearest tenth of a foot.

Amend Pay Items to read:

Pay items and units:

563.22	Bridge Rail T2	Linear Foot
563.221	Bridge Rail T2 with Protective Screening	Linear Foot
563.223	Bridge Rail T2 with Snow Screening	Linear Foot
563.23	Bridge Rail T3	Linear Foot
563.231	Bridge Rail T3 with Protective Screening	Linear Foot
563.233	Bridge Rail T3 with Snow Screening	Linear Foot
563.24	Bridge Rail T4	Linear Foot
563.241	Bridge Rail T4 with Protective Screening	Linear Foot
563.243	Bridge Rail T4 with Snow Screening	Linear Foot
563.3	Bridge Rail T101	Linear Foot
563.72	Bridge Rail F (2-bar)	Linear Foot
563.721	Bridge Rail F (2-Bar) with Protective Screening	Linear Foot
563.723	Bridge Rail F (2-Bar) with Snow Screening	Linear Foot
563.73	Bridge Rail F (3-bar)	Linear Foot
563.731	Bridge Rail F (3-Bar) with Protective Screening	Linear Foot
563.733	Bridge Rail F (3-Bar) with Snow Screening	Linear Foot
563.8	Resetting Bridge Rail	Linear Foot
563.81	Rehabilitation of Bridge Rail	Linear Foot
563.84	Temporary Bridge Rail	Linear Foot
563.94	Protective Screening for Overpass Structures	Linear Foot
563.95	Snow Fence Screening for Overpass Structures	Linear Foot