

INCLUDE IN ALL PROJECTS SPECIFYING BOX BEAM GUARDRAIL

AMENDMENTS TO SPECIFICATION 5.26, SUPPLY OF BOX BEAM GUARDRAIL AND POSTS, RE: MATERIAL STANDARDS

- i) The first paragraph of Subsection 5.26.2, STANDARDS OF REFERENCE, is replaced with the following:

All materials supplied by the Contractor shall be in compliance with the latest versions of the following standards, specifications or publications, as applicable:

Society of Automotive Engineers:

SAE J403 - June 14 - Chemical Composition of SAE Carbon Steels

Canadian Standard Association:

CSA G40.20/G40.21 - General Requirements for Rolled or Welded Structural Quality Steel/Structural Quality Steel

CSA W47.1 - Certification of Companies for Fusion Welding of Steel

CSA W593 - Welded Steel Construction (Metal Arc Welding)

American Society for Testing and Materials:

ASTM A123M - Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products

ASTM A307 - Carbon Steel Bolts, Studs, and Threaded Rod 60,000 PSI Tensile

ASTM A325M - High-Strength Bolts for Structural Steel Joints (Metric).

ASTM F2329 - Zinc Coating, Hot-Dip, Requirements for Application to Carbon and Alloy Steel Bolts, Screws, Washers, Nuts, and Special Threaded Fasteners

- ii) Subsections 5.26.3.1.1, Rails, is revised as follows:

a) The reference to "CAN/CSA G40.21M" in the first paragraph is revised to "CSA G4.21".

b) The reference to "CAN/CSA G40.20M" in the last paragraph is revised to "CSA G4.20".

- iii) The reference to "CAN/CSA G40.21M" in subsection 5.26.3.1.2, Posts, Ground Plates, Paddles, Brackets, Base Plates and Splice Plates, is revised to "CSA G40.21".

- iv) Subsection 5.26.3.1.3, Bolts, Nuts and Washers, is revised as follows:

a) The reference to "ASTM A307-86A" in the first paragraph is revised to "ASTM A307".

b) The reference to "ASTM A325M-86" in the second paragraph is revised to "ASTM A325M".

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- v) The reference to “CSA G164M” in the second paragraph of Subsection 5.26.3.2.1, General Requirements, is revised to “*ASTM A123M and ASTM F2329*”.