SECTION 712 - MISCELLANEOUS

Make the following amendment to said Section:

(I) Amend **712.07(B) Frame and Grate** from line 114 to line 132 to read as follows:

(B) Frame and Grate. Cast iron frame and grate shall conform to AASHTO M 306, unless steel is specified in the contract documents.

Steel frame and grate shall conform to ASTM A 283/A 283 M, Grade D; ASTM A 27/A 27M, Grade 65-35; or ASTM A 47/A 47 M, Grade 35018. Zinc coating shall be provided in accordance with ASTM A 123/A 123M.

Frame and grate shall also conform to Americans with Disabilities Act Accessibility Guidelines (ADAAG) and Standards Section 302.3 Openings. Grate shall have a maximum of one-half inch (½") opening in direction perpendicular to travel.

Reinforcing steel for grate shall conform to Subsection 709.01 - Reinforcing Steel. Frame and grate shall be cleaned thoroughly and painted on all sides that will not be imbedded in concrete with one coat of high-grade asphalt conforming to ASTM A 849, Class M, Fully Coated, at shop. Second coat of paint shall be applied on all sides not imbedded in concrete just before the pre-final inspection. Any damage to the zinc-coating of a frame or grate shall be repaired in accordance with ASTM A780 using a Zinc-based solder coating.

Fabricated frame and grate shall be true to line and free of twists, bends, and open joints. Splices will not be allowed. Cut surfaces and edges shall be made smooth by machining or grinding before fabrication of frame and grate.

Size and length of weld shall be as specified in contract documents. Welds shall be free of defects, discontinuities and shall have full penetration."

END OF SECTION 712