

SECTION 710 - FENCE AND GUARDRAIL

Make the following amendments to said Section:

- (I) Amend 710.04(A) **Steel Rail** to read as follows:

"(A) **Steel Rail.** The corrugated sheet steel beams shall conform to AASHTO M 180 and according to the contract. Furnish Class A, Type II."

- (II) Amend 710.07 **Guardrail Post** to read as follows:

"710.07 Guardrail Posts. Guardrail posts shall be as specified in the contract.

Steel posts shall be of the section and length specified in the contract. Steel shall conform to ASTM A 36. Zinc-coat steel posts after fabrication.

Fabricate wood posts and blocks of timber with a stress grade of 1200 psi or more. Grading shall be according to the 'American Lumber Standard'. Timber for posts and blocks shall be either rough sawn (unplaned) or S4S with nominal dimensions shown. The size tolerance of rough sawn blocks in the direction of the bolt holes shall not be more than ± 0.25 inch. Use only one combination of post and block finish for any one continuous length of guardrail.

Dimensional tolerances not shown or implied are intended to be those consistent with proper functioning of the part including appearance and accepted manufacturing practices."

- (III) Amend 710.08(A) **Offset Brackets** by adding the following:

"(3) **Recycled Plastic Offset Brackets.** Recycled plastic offset brackets (or spacer blocks) shall consist of minimum 70% by weight of recycled plastic and shall be uniform in composition throughout the product. The product shall exhibit good workmanship and shall be free of burns, discoloration, contamination, and other objectionable marks or defects which affect appearance or serviceability. The Engineer will permit only chemicals, including fillers and colorants, designed to inhibit ultraviolet degradation, biological/biochemical decomposition, insect infestation, or burning to enhance durability for a minimum life of 35 years. The basic material used in the construction shall contain at least 2.5% and not more than 3.5% of carbon black when tested according to ASTM D 1603, and shall have not more than 0.03% of absorption when tested according to ASTM D 570, Section 7.1. Each block shall have the manufacturer's name and the date that the block was manufactured, branded on the block."

END OF SECTION