

708-M-056 PNEUMATICALLY PLACED MORTAR

(Adopted 05-21-20)

The Standard Specifications are revised as follows:

SECTION 708, BEGIN LINE 8, DELETE AND INSERT AS FOLLOWS:

**708.02 Materials**

Materials shall be in accordance with the following:

Deformed and Smooth Steel WWR .....	910.01(b)5
Fine Aggregate.....	904.02(d)
Fly Ash .....	901.02
Portland Cement.....	901.01(b)
Water .....	913.01

WWR shall consist of wire, size ~~W 1.5 or approximately No. 10 gage, spaced and welded at 3 in. intervals, or wire, size W 1 or approximately No. 12 gage, spaced and welded at 2 in. intervals~~ *W 1 or approximately No. 12 gauge or larger, spaced and welded at intervals greater than or equal to 2 in., and no greater than 4 in.*

SECTION 910, BEGIN LINE 3, INSERT AS FOLLOWS:

**910.01 Reinforcing Bars, Dowel Bars and WWR**

**(a) General**

Unless otherwise specified, bars for concrete reinforcement shall be deformed billet steel, grade 60. Tie bar assemblies used in lieu of bent tie bars shall be in accordance with the minimum total ultimate strength and minimum total yield strength requirements specified for bent tie bars; bend test and elongation will not be required. Coiled reinforcing bars shall only be used for fabrication of spiral and ring reinforcement or for rectangular ties and stirrups. When approved by the Engineer, coiled reinforcing bars may also be used for supports in accordance with 703.06.

Reinforcing bars and WWR shall be furnished by selecting materials made by a manufacturer or fabricator on the list of Certified Uncoated Reinforcing Bar Manufacturers and WWR Fabricators in accordance with ITM 301, *except for WWR used for pneumatically placed mortar. WWR used for pneumatically placed mortar will be accepted by a Type A certification in accordance with 916.* When shipped to the project site, the reinforcing bars and WWR shall be accompanied by the type of certifications specified in ITM 301 and in accordance with 916.