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By: _____
FEDERAL HIGHWAY ADMINISTRATION

Section 722 – Precast Concrete Box Culverts

This supplemental specification is being provided to remove obsolete and/or duplicative AASHTO and ASTM references.

Replace Subsection 722.2.1 of the Standard Specifications as follows:

722.2.1 Precast Concrete Sections

- 1 Ensure that precast concrete box culvert sections conform to AASHTO M 259, with the exception of modifications as stated herein. Manufacture the sections based on the size (span (W) and rise (H) dimensions), live loading, and earth cover as specified on the Plans and in the Special Provisions. Box Sections that exceed the minimum specified requirements may be substituted for the Plan designated box sections at no cost to the Department and with prior written approval of the OMR. Ensure that box culvert is obtained from a source listed on Qualified Products List 14.

Replace Subsection 722.3.1.2 of the Standard Specifications as follows:

722.3.1.2 Finishing and Marking

- 1 Finish and mark precast sections according to AASHTO M 259 with the addition of the SCDOT project number.

Replace Paragraph 1 of Subsection 722.3.1.3 of the Standard Specifications as follows:

722.3.1.3 Fabrication Tolerances

- 1 Ensure that the precast sections do not exceed the geometric tolerances allowed in AASHTO M 259.

Replace Paragraph 1 of Subsection 722.3.1.4 of the Standard Specifications as follows:

722.3.1.4 Samples and Tests

- 1 Provide concrete compressive strength test cylinders according to AASHTO M 259 except that when a wet cast method is used, provide a minimum of 4 test cylinders for each day's production of each size and design of box. Strength tests for each production lot are based on the average strength of 2 cylinders that are tested any time after the curing period. When design strength is attained on the initial test, further tests on that lot are not required.

Replace Paragraph 1 of Subsection 722.3.1.5 of the Standard Specifications as follows:

722.3.1.5 Curing

- 1 Cure precast concrete box culverts made in a precast plant according to AASHTO M 259.