



SOUTH CAROLINA

DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION

P.O. BOX 191

COLUMBIA, S.C. 29202

October 3, 1988

MEMORANDUM TO SQUAD LEADERS & CONSULTANTS

Subject: Slip Critical Joints

Section 10.32.3 Fasteners (Rivets and Bolts) of the AASHTO Standard Specifications for Highway Bridges has been significantly revised by the 1988 AASHTO Interim Specifications. In accordance with the definition given in paragraph 10.24.1.4, all bolted structural steel connections shall be designated as slip-critical connections.

The Research and Materials Lab has advised that the solvent based inorganic zinc primer as currently specified on all projects has a slip coefficient of 0.52 and qualifies as a Class B coating. Therefore, bolted connections should be designed as slip-critical connections with Class B contact surfaces.

This requirement applies to all projects now in the design phase. Also, please be advised that the note on the Standard Note sheet specifying the class of contact surface will need to be changed for projects designed in accordance with the above requirements.

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