Below is a link to access two new Virginia Test Methods (VTMs) for evaluating corrosion-resistant reinforcing steel.


These test methods were developed in conjunction with the Virginia Center for Transportation, Innovation and Research (VCTIR) and are a result of a research project (Acceptance Procedures for New and Quality Control Procedures for Existing Types of Corrosion-Resistant Reinforcing Steel; VCTIR Report No. 11-R21). VTM 129 (Test Method for Comparative Qualitative Corrosion Characterization of Steel Bars Used in Concrete Reinforcement) is a long-term test that compares the performance of different steel alloys in hydraulic cement concrete when exposed to sodium chloride solution. VTM 130 (Alloyed Steel Identification Testing with X-Ray Fluorescence) is a test method utilizing a portable, hand-held X-Ray Fluorescence (XRF) analyzer for verifying the alloy of reinforcing steel in the field or laboratory.

Implementation of these test methods would complete a Concrete Research Advisory Committee recommendation.

cc: Commissioner
Chief Engineer
Deputy Chief Engineer
Division Administrators
Residency Administrators
District Materials Engineers
District Construction Engineers
District Maintenance Engineers
Area Construction Engineers
Virginia Asphalt Association

Virginia Center for Transportation Innovation and Research
Virginia Ready-Mixed Concrete Association
Precast Concrete Association of Virginia
Virginia Transportation Construction Alliance
Virginia Dept. of Minority Business Enterprise
Federal Highway Administration
American Concrete Paving Association
NE Chapter, Southern Region
Old Dominion Highway Contractors Association