

Oklahoma Department of Transportation

Quality Control and Acceptance Procedures for Concrete Bridge Decks
Construction Control Directive No. **20020214**

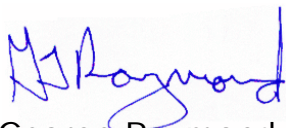
February 14, 2002

Scope: To modify the testing requirements for the concrete unit weight provision in Special Provision 504-4QA.

The [February 13, 2001 release of Special Provision 504-4QA](#) indicated that the unit weight of the concrete mix determined by AASHTO T-121 should be compared to the unit weight determined by AASHTO T-271. AASHTO T-271 establishes the unit weight of the concrete mix by using a nuclear density machine. It has been discovered that the reinforcing steel in the bridge deck significantly effects the results of this test and eliminates the possibility of comparing the results of this test with the test results obtained by the AASHTO T-121 test method.

The [September 26, 2001 release of Special Provision 504-4QA](#) eliminates the requirement to compare the test results of AASHTO T-121 with the test results of AASHTO T-271. Obviously, prior to this correction, the Department has awarded contracts with the February 13, 2001 release of Special Provision 504-4QA.

If you are currently administering a contract that contains the February 13, 2001, or earlier, release of Special Provision 504-4QA, this is your authorization to accept the unit weight test results based on the requirements of September 26, 2001 release of Special Provision 504-4QA.



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