

CONSTRUCTION PROCEDURE HANDBOOK

SECTION VI

SUBSECTION F-2

DATE

CONSTRUCTION OPERATIONS	CONCRETE BRIDGE DECK AND CONCRETE BRIDGE APPROACH SURFACE ACCEPTANCE TESTING	07/22/2016
-------------------------	--	------------

Subheading 507.03.02.N “Concrete Deck Surface Requirements” of the 2007 Specification requires the Contractor to comply with a specified surface tolerance. The following provides direction on the Department’s testing for this tolerance:

Scheduling Testing

The RE must coordinate with the Contractor when scheduling the Surface Acceptance Testing of a bridge deck and concrete bridge approaches so that the actual testing is performed after the bridge deck has gone through the 14-day curing period (as specified in Subheading 507.03.02.J of the 2007 Specifications) **It is recommended but not required that the surface be tested prior to sawcutting because remedial action, if needed, is more efficient if done prior to sawcutting.**

Note: Not all contracts, as of the date of this procedure, are required to meet Subheading 507.03.02.N “Concrete Deck Surface Requirements” for Concrete Bridge Approach. This is being added thru the Special Provisions. Check the Contract Special Provisions to determine if it applies.

The RE will send a request to the Regional Materials Engineer (RME) with at least a one week notice prior to the anticipated earliest date for the testing. The testing should be performed between two (2) and three (3) three weeks after placement of the bridge deck concrete. This should assure the minimum required fourteen (14) day curing period. The testing must be rescheduled with the RME if the fourteen (14) day curing period has not been met.

Preparation for the Testing

The RE will ensure the following:

- The Contractor provides the necessary traffic safety control set-up and lighting as specified in Subpart 105.01.02 of the 2007 Specifications.
- The deck surface is clear of equipment and swept clean of debris.
- The wheel paths (3 ft on either side of the center line of each lane) have been marked out with chalk/keel or a light application of spray paint at 20 foot intervals.

Post Testing

The RME will prepare a report within one (1) week of testing and provide it to the RE. The RE will review the report, consult with the RME if necessary, and provide the Contractor a copy of the report along with a summary of the percent pay adjustment applied. The RE will then prepare a Change Order utilizing Item 507001M CONCRETE RIDEABILITY QUALITY ADJUSTMENT. Do not wait until the end of a contract to establish Item 507001M.