



**ATTENTION: TP&D, DESIGN, CONSTRUCTION, MAINTENANCE AND
TRAFFIC OPERATIONS ENGINEERS**

SPECIAL PROVISION AND/OR SPECIFICATION CHANGE MEMORANDUM 06-21

MEMO

Date: May 24, 2021

To: District Engineers

From: Miles R. Garrison, P.E. DS
MRG
Director, Materials and Tests Division

Subject: Statewide Special Provision SP 441-003 (14), "Steel Structures"

The above-referenced special provision has been approved for statewide use and is required for all projects using steel structures beginning with the September 2021 letting. However, use of this special provision prior to the September 2021 letting is at the district's option.

This special provision provides for clarifying the requirements for fabricator NDT personnel testing with the Department to include all NDT testing and not just UT hands on. Removing the requirement for PQR testing labs to be on an MPL. The requirement will now be for the labs to have a national certification following the ISO/International Electrotechnical Commission (IEC) 17025 requirements. Adding a paragraph to describe low stress stencils. Removed reference to hammering for flange tilt and put it into its own category to clarify that hammering in general should not deform the material, not just during stiffener installation. Magnetic particle testing has been revised to allow AC current to be used for testing of welds with half-wave rectified DC and prod method for more in depth investigations. Shop painting will now have an additional paragraph to specify the removal of the heat affected layer of the steel at thermal cut edges in order to obtain the proper blast profile required for painting. A sentence has been included to the storage section requiring painted girders to be stored in a manner that will not damage the paint.

This special provision also replaces Special Provision 441-002.

Please disseminate this information to your Transportation Planning & Development, Design, Construction, Laboratory, Maintenance, and Traffic Operations Engineers.

CC: TxDOT Specification Committee
Federal Highway Administration
The Associated General Contractors of Texas