



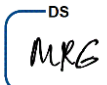
ATTENTION: TP&D, DESIGN, CONSTRUCTION, MAINTENANCE AND
TRAFFIC OPERATIONS ENGINEERS

SPECIAL PROVISION AND/OR SPECIFICATION CHANGE MEMORANDUM 08-21

MEMO

Date: June 1, 2021

To: District Engineers

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

Subject: Statewide Special Specification SS 4021 (14), "Thermal Integrity Profiler (TIP) Testing of Drilled Shafts"

The above-referenced Special Specification has been approved for statewide use and is required when specified on the plans for all projects using Thermal Integrity Profiler (TIP) Testing of Drilled Shafts beginning with the September 2021 letting. However, use of this special specification prior to the September 2021 letting is at the district's option.

This Special Specification provides for performing the nondestructive testing (NDT) method termed Thermal Integrity Profiler (TIP) testing by obtaining records of the heat generated by curing cement (hydration energy) to assess the quality of drilled shafts. This Special Specification is being elevated from one time use to statewide use.

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