

General Information for Quality Control Testing to Meet Special Provisions Section 535 Pavement Surface Profile

The following topics are covered in this document:

- Standardization Test Site Locations
- Setting-Up Test Sections on a Project
- Submitting Quality Control Data to Maryland State Highway Administration -Office of Materials Technology (SHA-OMT)

STANDARDIZATION TEST SITE LOCATIONS:

The following two test sites each 0.2 miles in length are signed for use as Standardization Test Sites:

Allegany County: MD 144 (Old National Pike) east of Flintstone Elementary School. Off of IS-68 at exit #56 to MD 144 -National Pike : Flintstone. Test section signs are posted in the Eastbound direction.

Talbot County: MD 662 (Centreville Road) between Airport Road and Forest Street. Off of US 50 near the Easton Airport. Test section signs are posted in the Northbound direction.

SETTING-UP TEST SECTIONS ON A PROJECT -GUIDELINES:

1. When ready to profile a project, begin at the limit of paving, measure 50 ft in the direction of travel and mark the limit of profiling at the start of the project. From the start of profiling, IRI shall be reported in 25 ft sections. Mark the end of profiling at area not profiled [Section 535.03.02(a) Areas Not Profiled] or the limit of profiling at the end of the project (50 ft before the limit of paving). After an area not profiled, mark the beginning of a new 25 ft section. Any resulting section less than 25 ft in length shall be ignored for purposes of pay adjustments. Repeat this process for the other direction of travel on the project. Note that the section breaks may be at different locations for each direction of travel. Sections prior to an area not profiled or the last section on the project in each direction of travel are the only sections that might be less than 25 ft. For dual lane or wider roadways, mark the limits of profiling and area not profiled across all lanes in the same travel direction at the same point. This may result in slightly more than 50 ft being ignored for profiling in some lanes at skewed bridges on multi lane roads.
2. During the paving operation, if the end of a day's production does not occur at the limit of work or at an exemption area then profile the resulting partial section, area less than 25 ft long, and the transverse joint with the next paving day's production as a full 25 ft section. The result will be IRI reported for full 25 ft sections with no partial sections due to the end of a paving shift.

SUBMITTING QUALITY CONTROL DATA TO SHA-OMT:

Send electronic data files for IRI data to ridespec@sha.state.md.us. Please include the SHA contract number in the subject line of the e-mail message. Any other electronic data file formats must include all of the reporting information required under MSMT 563 in a DOS Text or ASCII file type.