

## **Sub-part 8601 – Research**

### **Chapter 01003 Collection of Friction Data**

#### Purpose

- 100 To establish a rule for the collection of pavement skid/friction data.
- 101 Pavement friction tests are required on Federal-Aid projects having a minimum of 1000 feet of newly constructed hot-mix asphalt (HMA) pavement surfacing. Skid tests are also done upon request to the State Research Engineer.
- 102 Skid tests are part of MDOT's overall obligation to provide safe roads for the traveling public. Pavement friction tests are required on all MDOT Federal-Aid projects having a minimum length of 1000 ft. of newly constructed hot-mix asphalt (HMA) pavement surfacing. Friction tests are also performed upon written request to the State Research Engineer. Exceptions include the following: a project with an overall posted speed limit below 40 mph, projects wherein the roadway layout does not allow for a minimum of two individual readings, and a situation hazardous to life or property. Skid testing will be performed and reported in accordance with the American Society of Testing & Materials (ASTM) E274 (available at [www.astm.org](http://www.astm.org)).