

APPENDIX A

Request for Proposal R213-21

REFERENCED STANDARDS

Most current of following Standards shall be followed:

1. ASTM E950 / E950M - 09 Standard Test Method for Measuring the Longitudinal Profile of Traveled Surfaces with an Accelerometer Established Inertial Profiling Reference
2. ASTM E1926 - 08 Standard Practice for Computing International Roughness Index of Roads from Longitudinal Profile Measurements
3. AASHTO R36-17 Standard Practice for Evaluating Faulting of Concrete Pavements¹
4. AASHTO R 43-13 Standard Practice for Quantifying Roughness of Pavements²
5. AASHTO R56-14 Standard Practice for Certification of Inertial Profiling Systems²
6. AASHTO R85-18 Standard Practice for Quantifying Cracks in Asphalt Pavement Surfaces from Collected Images Utilizing Automated Methods³
7. AASHTO R88-18 Standard Practice for Collecting the Transverse Pavement Profile⁴
8. AASHTO MP328-14 Standard Equipment Specification for Inertial Profiler²

¹ HPMS FIELD MANUAL ITEM 51 – FAULTING; LTPP DISTRESS IDENTIFICATION MANUAL, MAY 2014.

² HPMS FIELD MANUAL ITEM 47 - INTERNATIONAL ROUGHNESS INDEX, DECEMBER 2016, LTPP DISTRESS IDENTIFICATION MANUAL, MAY 2014.

³ HPMS FIELD MANUAL ITEM 52 – CRACKING PERCENTAGE, DECEMBER 2016.

⁴ HPMS FIELD MANUAL ITEM 50 – RUTTING, DECEMBER 2016.