









**Activities**


- Jointed Concrete Pavement Faulting Collection and Analysis Standards, contract awarded September 2018, contract length 3 ½ years
  - Standards exist for longitudinal profile (IRI)
- Guidance for Quality Management of Pavement Surface Condition Data Collection and Analysis, contract award expected winter 2018/19, contract length 3 ½ years
  - Develop Quality Management Plan guidelines for pavement surface condition data collection and analysis



**Activities**

Development of Standard Data Format for 2-Dimensional and 3-Dimensional (2D/3D) Pavement Image Data that is used to determine Pavement Surface Condition and Profiles – contract complete

- Follow up contract: Evaluation of Proposed Standard Data Format and Compression Algorithms for 2D/3D Pavement Surface Image – final report 2019
  - Separate data collection from analysis
  - Reprocess data when new analysis algorithms are developed
  - Apply analysis algorithms to 2D/3D digital images from different sources
  - Share data efficiently between users, software tools and electronic platforms




**Activities – TPF-5(299)**

Objectives: Improve the Quality of Pavement Surface Distress and Transverse Profile Data Collection and Analysis by assembling SHAs, FHWA, and industry representatives to:

- Identify data collection integrity and quality issues
- Identify data analysis needs
- Suggest approaches to addressing identified issues and needs

Based on this information, the SHAs and the FHWA will:

- Initiate and monitor projects intended to address identified issues and needs
- Disseminate results
- Assist in solution deployment



**Administration**

- FHWA is lead Agency
- Technical Advisory Committee – 21 funding agencies
  - Approval
- Friends – all others
  - Provide input, collaboration, assistance
- Funding commitment – over \$2 million
  - Other funds



**Questions?**

Andy Mergenmeier  
 USDOT-FHWA  
 Resource Center  
**Andy.Mergenmeier@dot.gov**  
 Phone: 667.239.0879

