

Workshops to Demonstrate Certification Programs for Pavement Surface Condition (PSC) Data Collection and Evaluation Equipment and Procedures

Surveys for State DOT and Industry Equipment Participants

BACKGROUND

The FHWA is conducting this customer survey to determine your interest and availability to participate in a Pavement Surface Characteristics workshop to be held in spring or summer of 2021. The agency is planning to conduct two Pavement Surface Characteristics (PSC) equipment certification workshops in different locations that will include equipment “rodeos” in 2021 and 2022. The purpose of the workshops and rodeos is to provide state DOTs and industry with an understanding of the existing and recently developed methods and standards to establish their own certification programs and/or facilitate development of regional certification programs. The rodeos will result in assessment of equipment as well as validation and refinement of certification test protocols. The more data collected from different high-speed data collection equipment, the better the validation and refinement of the new test protocols. The certification procedures will include the AASHTO R56 procedure and other new PSC certification procedures developed or being developed under the Transportation Pooled Fund (TPF) study TPF-5(299).

For the workshops and rodeos to be successful, we need participation and equipment from the entire community of practice to participate in the rodeos. We recognize it is a challenge to coordinate equipment to participate in the rodeos. The purpose of this survey is to poll your interests and preferences for the rodeo dates and locations so that we can maximize the equipment available to participate. All State DOTs who self-collect PSC data, PSC data collection vendors, and other agencies performing PSC data collection are strongly encouraged to participate.

QUESTIONNAIRE

1. What is your name and organization/company?

2. Please select an option a, b, or c that best describes your organization/affiliation and answer each question associated with that affiliation.
 - a. State DOT

- i. Do you have high-speed data collection equipment that provides at least ride, rutting, and faulting information? How many units do you have?
- ii. Does your high-speed data collection equipment have fully automated crack detection, semi-automated (semi-automated meaning some human interaction is required), or no such function?
- iii. Do you have reference equipment for IRI? If so, what type of reference profilers (e.g., SurPro, SSI, or other)? How many units do you have?
- iv. Do you have reference equipment for faulting, rutting, or cracking? If yes, for which pavement conditions.
- v. If you do not have any equipment, please end the survey here.

b. Vendors who provides services and/or equipment to DOTs.

- i. Do you have high-speed data collection equipment that provides at least ride, rutting, and faulting information?
- ii. Does your high-speed data collection equipment have fully automated crack detection, semi-automated (semi-automated meaning some human interaction is required), or no such function?
- iii. Do you have reference equipment for IRI? If so, what type of reference profilers (e.g., SurPro, SSI, or other)?

- iv. Do you have reference equipment for faulting, rutting, or cracking? If yes, for which pavement conditions?
 - v. If you do not have any equipment, please end the survey here.
- c. Other (i.e., not DOTs nor vendors who provide services to DOTs)
- i. Do you have high-speed data collection equipment that provides at least ride, rutting, and faulting information?
 - ii. Does your high-speed data collection equipment have fully automated crack detection, semi-automated (semi-automated meaning some human interaction is required), or no such function?
 - iii. Do you have reference equipment for IRI? If so, what type of reference profilers (e.g., SurPro, SSI, or other)? How many units do you have?
 - iv. Do you have reference equipment for faulting, rutting, or cracking (or human raters)? How many units do you have?
 - v. If you do not have any equipment, please end the survey here.
3. What is your availability to provide equipment to participate in a rodeo? (Check all that apply). Enter specific months if desired.
- a. Spring 2021
 - b. Summer 2021

- c. Fall 2021
 - d. Spring 2022
4. Please select test locations that you would travel to in order to participate in equipment rodeos (Check all that apply). If you are unwilling or unable to travel to a certain location, please indicate that .
- a. MnRoad (Monticello, Minnesota)
 - b. Penn State University (State College, Pennsylvania)
 - c. NCAT (Auburn, Alabama)
 - d. Caltrans (Sacramento, California)
 - e. Recommend different location(s) here:
5. Coordinating equipment to participate in a workshop is a challenge. Please let us know of other considerations to facilitate obtaining adequate equipment participation in a workshop.