

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area: Monitoring Directive Number: P-30
Date: February 1, 2002 Supersedes: Supplements P-16
Subject: Collection of Profile Data at SPS WIM Sites

This directive has been prepared for the purposes of implementing, effective immediately, WIM site profile data collection for SPS-1, -2, -5, and -6 projects. Appendix VII is being added to Version 3.1 of the LTPP Manual for Profile Measurements for immediate implementation to describe the required profiling activities.

Installed SPS-1, 2, -5 & -6 WIM sites (Pooled Fund sites) will be profiled annually during scheduled profile visits to their associated SPS projects. An installed site is a location at which sensors currently exist and at which data has been or is currently being collected. It may or may not be located within project limits or immediate proximity to the SPS project. Only the LTPP lane will be profiled. In cases where the WIM site is not in the immediate proximity of the project or is in a different direction, the outside lane will be considered equivalent to the LTPP lane.

LTPP Regional Coordination offices are responsible for working with the relevant highway agency to locate and correctly identify the WIM location for each SPS project. Working WIM equipment is not a condition for profiling. SPS projects for which more than one WIM site exists will only be profiled at the site most recently used for data collection.

Profiling will not be done for proposed WIM site locations without explicit direction of the COTR. Profiling for SPS projects that are out-of-study will not be done without the explicit direction of the COTR.

Appendix VII, Pavement Smoothness Specifications for LTPP WIM Locations, dated January 31, 2002 is attached to this directive. It or the most current version of the appendix is the basis for all smoothness evaluation activities associated with Pooled Fund sites.

All procedures concerned with data evaluation, QC, QA and storage for LTPP profile data are applicable to Pooled Fund site profile data except for the file naming convention and the exclusion of Pooled Fund site data from the IMS.

Pooled Fund site profiles are 305 m long and require 5 runs in each of three longitudinal positions. As long as at least one run in each position is error free, no more than 5 runs are done. Until notified by the COTR to permanently mark a Pooled Fund site, all profiling will be done with appropriate temporary methods to trigger data collection.

No short or long wavelength profile data analysis is included with this activity. A separate directive will issue the instructions and applicable software.

Question concerning this directive should be addressed to Larry Wiser of the FHWA LTPP Team office at (202) 493-3079. If there are any problems, please submit a Profiler problem report (PROFPR) form in accordance with LTPP Monitoring Directive P-03.

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Approved by:

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