



Memorandum

U.S. Department
of Transportation

6300 Georgetown Pike
McLean, Virginia 22101

**Federal Highway
Administration**

Subject: **ACTION**: LTPP Directive P-33
LTPP Manual for Profile Measurements: Operational
Field Guidelines, Version 4.0, September 2002

Date: October 9, 2002

From: Larry Wisner
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-13

To: Dr. Frank Meyer, PI - LTPP North Atlantic Regional Contract
Mr. Tom Wilson, PI - LTPP North Central Regional Contract
Mr. Mark Gardner, PI - LTPP Southern Regional Contract
Dr. Sirous Alavi, PI - LTPP Western Regional Contract

Attached is the Long-Term Pavement Performance (LTPP) Directive P-31, for the implementation of the LTPP Manual for Profile Measurements: Operational Field Guidelines, Version 4.0, September 2002. This directive should be transmitted to all appropriate personnel as soon as possible.

If you have any questions concerning this transmittal, please do not hesitate to call me at (202) 493-3079.

Attachment

FHWA:HRDI-13:LWiser:mad:493-3079:10/8/02

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cc:

LAW PCS

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Directive File

Official File (190.20)

Chron

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



**For the Technical Direction of the LTPP
Program**



Program Area: Monitoring Directive Number: P-33
Date: October 9, 2002 Supersedes: Various Directives
Subject: LTPP Manual for Profile Measurements: Operational Field
Guidelines, Version 4.0, September 2002

Effective immediately, the instructions provided in the attached LTPP Manual for Profile Measurements, Operational Field Guidelines, Version 4.0, September 2002 shall be followed by the regional contractors when performing profile measurements on active LTPP test sections using the following devices:

- International Cybernetics Corporation (ICC) MDR 4086L3 inertial profiler for longitudinal profile measurements.
- Face Company Dipstick[®] for longitudinal and transverse profile measurements.
- Rod and level survey instruments for longitudinal profile measurements.

This manual contains standard procedures and forms for data collection, equipment checks, equipment calibration, record keeping and maintenance for each of the referenced profiling devices.

Implementation of this version of the manual results in the following directives being superseded or made obsolete:

- LTPP Directive P-03: Profiler Problem Report (PRFOPR) Form
- Portions of LTPP Directive P-07: Handling and Long-Term Storage of Profile Data
- LTPP Directive P-16: LTPP Manual for Profile Measurements: Operational Field Guidelines, Version 3.0, July 1997
- LTPP Directive P-22: File Naming Convention for Profile Data Collection
- LTPP Directive P-25: Update of LTPP Manual for Profile Measurements to Version 3.1
- LTPP Directive P-28: Profiler Air Temperature Probe: Installation, Checks and Measurement Procedures

- **LTPP Directive P-29: Revised Procedure for Performing Bounce Test**

Question concerning this directive should be addressed to the FHWA LTPP Team representative responsible for profiler activities. If there are problems with the implementation and/or usage of the manual, please submit a Profiler Problem Report (PROFPR) form in accordance with the guidelines contained in the latest version of the manual.

Prepared by: TSSC

Approved by:

Aramis López
LTPP Team Leader