



U.S. Department
of Transportation

**Federal Highway
Administration**

Memorandum

6300 Georgetown Pike
McLean, Virginia 22101-2296

Subject: ACTION: LTPP Directive P-44
LTPP Manual for Profile Measurements and Processing
(FHWA-HRT-08-056) November 2008

Date: December 18, 2008

From: Larry Wiser *Larry Wiser*
Highway Research Engineer

Reply to
Attn of: HRDI-13

To: Mr. Frank Meyer, LTPP North Atlantic Regional Contract
and LTPP North Central Regional Contract
Mr. Kevin Senn, LTPP Western Regional Contract
Mr. Mark Gardner, LTPP Southern Regional Contract

Attached is LTPP Directive P-44, LTPP Manual for Profile Measurements and Processing (FHWA-HRT-08-056) November 2008. 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.

Attachments (2)

*Larry:
Good Job
TW*

FHWA:HRDI-13:LWiser:mad:493-3079:12/18/08

File: mdeeney/directives/P-44.doc

cc:

LTPP Staff

J. Groeger, TSSC

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-44
Date: December 18, 2008 Supersedes: P-37, P-38 and P-43
Subject: LTPP Manual for Profile Measurements and Processing
(FHWA-HRT-08-056) November 2008

Effective immediately, the instructions provided in the attached *LTPP Manual for Profile Measurements and Processing, (FHWA-HRT-08-056) November 2008* shall be followed by the regional services contractors when performing longitudinal and/or transverse profile measurements on active LTPP test sections using the following devices:

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

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.

The data collected by the referenced devices shall be processed using the procedures described in this manual.

Implementation of this version of the manual results in the following directives being superseded:

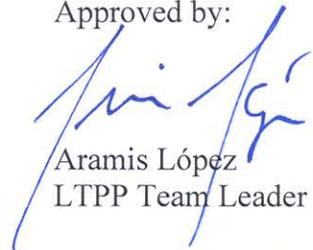
- LTPP Directive P-37: LTPP Manual for Profile Measurements and Processing, Version 4.1, May 2004
- LTPP Directive P-38: Temperature Measurements During Longitudinal Dipstick Data Collection
- LTPP Directive P-43: Accelerometer Signal Conditioning Electronics Test and Accelerometer Calibration Factor Range

LTPP Directive P-44: LTPP Manual for Profile Measurements and Processing, April 2008

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 manual.

Prepared by: TSSC

Approved by:



Aramis López
LTPP Team Leader