



U.S. Department
Of Transportation

**Federal Highway
Administration**

Memorandum

6300 Georgetown Pike
McLean, Virginia 22101

Subject: **ACTION:** LTPP Directive FWD-32
Modifications to LTPP FWD Test Procedures

Date: November 17, 2011

From: Jane Jiang 
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-30

To: Dr. Frank Meyer, PM - LTPP North Atlantic Regional Contract
Dr. Frank Meyer, PM - LTPP North Central Regional Contract
Mr. Tim Martin, PM - LTPP Southern Regional Contract
Mr. Kevin Senn, PM - LTPP Western Regional Contract

Attached is the Long-Term Pavement Performance (LTPP) Program Directive FWD-32: Modifications to LTPP FWD Test Procedures. Please ensure that all personnel are aware of this new directive.

Should you have any questions or would like to discuss this directive, please do not hesitate to contact me at 202-493-3149.

Attachment (1)

FHWA:HRDI-30:JJiang:mdeeney:493-3149:11/17/11

File: c:/mdeeney/directive/fwd/FWD-32dir.docx

cc:

Jonathan Groeger

Directive Binder

LTPP Team

Official file

Chron

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



*For the Technical Direction of the LTPP
Program*



Program Area: Monitoring Directive Number: FWD-32
Date: November 17, 2011 Supersedes:
Subject: Modifications to LTPP FWD Test Procedures

While the preferred practice is to follow standard test procedures contained in current version of the LTPP Manual for Falling Weight Deflectometer (FWD) Measurements, in some instances it is necessary to modify the procedures in order to reduce test times to meet traffic control constraints.

LTPP Regional Support Contractor (RSC) shall notify LTPP FHWA staff as soon as possible in advance of field testing to get approval on their proposed modified test plan to meet anticipated time constraints. RSCs should follow the following guidelines when developing a modified test plan:

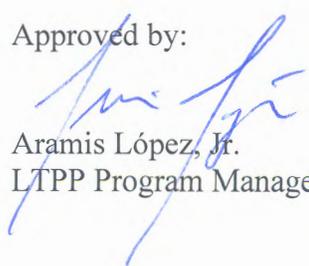
- The modifications contained in LTPP Directive FWD-31, related to testing on Portland Cement Concrete Jointed Pavements.
- Increase the spacing between measurement points.
- Omit center lane test pass.
- Remove one or two drop heights from the test sequence. Drop heights to remove depend on thickness and stiffness of the pavement structure.

All other LTPP standard FWD testing procedures not mentioned shall be performed in accordance with current guidelines.

Questions concerning this directive should be addressed to the FHWA LTPP leader for FWD operations.

Prepared by: TSSC

Approved by:


Aramis López, Jr.
LTPP Program Manager