Memorandum

U.S. Department
of Transportation

**Federal Highway
Administration**

6300 Georgetown Pike
McLean, Virginia 22101-2296

Subject: ACTION: LTPP Directive D-55
Long-Term Pavement Performance Program
Transverse Profile Measurements on LTPP PCC Test Sections

Date: September 20, 2013

From: Jack Springer
Highway Research Engineer

Reply to
Attn of: HRDI-30

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

Attached is LTPP Directive D-55, Long-Term Pavement Performance Program Transverse Profile Measurements on LTPP PCC Test Sections. It 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) 493-3144.

Attachment (1)

FHWA:HRDI-30:JSpringer:mad:493-3144:9/20/13
File: mdeeney/directives/D-55.doc
cc:
LTPP Staff
J. Groeger, TSSC
Directive File
Official File
Chron

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE

For the Technical Direction of the LTPP Program

Program Area:	Monitoring	Directive Number:	D-55
Date:	Sept 4, 2013	Supersedes:	
Subject:	Transverse Profile Measurements on LTPP PCC Test Sections		

From the issuance date of this directive, transverse profile measurements shall be performed on all active Portland cement concrete surfaced LTPP test sections in accordance with the following:

- Measurements shall be performed in accordance with the current "LTPP Manual for Profile Measurements and Processing."
- Measurements shall be performed as part of a manual distress survey. Transverse profile measurements on LTPP PCC test sections are not required for all manual distress surveys.
- A maximum four year monitoring interval between repeat measurements shall be observed.
- Measurements shall be performed during all closeout manual distress surveys.
- Care should be taken to ensure that all measurements are taken within the lateral extent of the test section measured from shoulder joint to the inside lane edge joint, this includes test sections with widened outside lane slabs.
- When pavement surface conditions allow, the measurements shall be performed at previous measurement locations. The same start point, at each measurement location, at the outside slab edge, should be used.
- Care should be taken to avoid joints, cracks, patches, and other localized surface defects that would cause the measurements to not be representative of the pavement's typical transverse surface drainage effectiveness. When such defects occur at the specified measurement station, a measurement should be performed as close as possible to the designated location. Offsets greater than 1 meter are permitted.

Prepared by: TSSC

Approved by:

Aramis López, Jr.
LTPP Team Leader