



Memorandum

U.S. Department
of Transportation

6300 Georgetown Pike
McLean, Virginia 22101

**Federal Highway
Administration**

Subject: **ACTION:** LTPP Directive D-63
Clarification of LTPP Distress Data Collection
Procedures for Asphalt Concrete Pavements (ACP)
Edge Cracking, Continuously Reinforced
Concrete Pavements (CRCP)
Transverse Cracks and Punchouts

Date: November 9, 2015

From: Jack Springer 
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-30

To: Mr. Gabe Cimini, PM - LTPP North Atlantic Regional Contract
Mr. Gabe Cimini, PM - LTPP North Central Regional Contract
Mr. James Sassin, PM - LTPP Southern Regional Contract
Mr. Kevin Senn, PM - LTPP Western Regional Contract

Attached is Long Term Pavement Performance (LTPP) Program Directive D-63, this is the Clarification of LTPP Distress Data Collection Procedures for ACP Edge Cracking, CRCP Transverse Cracks and Punchouts.

Please make this directive available to all personnel involved in distress data collection and processing.

If you have any questions concerning this transmittal, please do not hesitate to call me at (202) 493-3144.

Attachment

FHWA:HRDI-30:JSpringer:js:493-3144:11/09/15
File: M:\LTPP Directives\Distress\D-63
cc:
John S. Miller (TSSC)
Jonathon Groeger (TSSC)
Jack Springer
Directive Binder
Official File



LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program

Program Area: Monitoring

Directive Number: D-63

Date: November 9, 2015

Supersedes: N/A

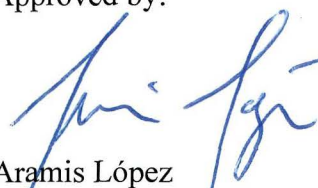
Subject: Clarification of LTPP Distress Data Collection Procedures for Asphalt Concrete Pavements (ACP) Edge Cracking, Continuously Reinforced Concrete Pavements (CRCP) Transverse Cracks and Punchouts

The "Distress Identification Manual for the Long-Term Pavement Performance Program", May 2014, shall be modified as follows:

1. Modify the moderate severity criteria description of Edge Cracking (ACP 3) on page 7 to read as follows: "Cracks with some breakup and loss of material for up to and including 10 percent of the length of the affected portion of the pavement."
2. Add the following after second sentence in 'How to Measure' on page 65: "The total length of a CRCP transverse crack includes any connected associated cracking, i.e., 'Y' cracks. Both legs of a 'Y' crack are included in the length calculation."
3. Modify the last sentence of the description of Punchouts (CRCP 12) on page 78 to read as follows: "An area that is enclosed by two distressed transverse cracks with spalling along > 10 percent of the crack(s) length that are spaced between 0.6 m and 1 m, a short longitudinal crack, and the edge of the pavement or a longitudinal joint is also considered a punchout."

Prepared by: LTPP HQ

Approved by:



Aramis López
LTPP Team Leader