



U.S. Department
of Transportation

Federal Highway
Administration

Memorandum

6300 Georgetown Pike
McLean, Virginia 22101

Subject: **ACTION:** LTPP Directive D-45, Clarification of
LTPP Distress Data Collection Procedures for
Edge, Fatigue and Block Cracking

Date: November 2, 2005

From: Jack Springer 
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-13

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

Attached is Long Term Pavement Performance (LTPP) Program Directive D-45, which presents clarification of LTPP distress data collection procedures for edge, fatigue and block cracking.

Please make this directive available to all personnel involved in distress data collection and processing. Also, all distress identification manuals for the LTPP program, in use, must be annotated with the appropriate clarifications.

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

Attachment



LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program

Program Area: Monitoring

Directive Number: D-45

Date: October 21, 2005

Supersedes: N/A

Subject: Clarification of LTPP Distress Data Collection Procedures for Edge, Fatigue and Block Cracking

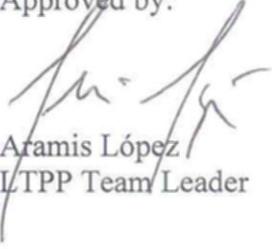
There have been some differences in the way edge cracking and adjacent fatigue cracking on pavements with unpaved shoulders have been rated in the past. Where edge cracking and fatigue cracking exist in the same area of the pavement, both should be rated. Edge cracking should include any length of pavement where the cracking has encroached within 0.6 meters of the edge of the pavement in order to establish the length of the section that is affected. Fatigue cracking should include all the area that appears to be affected. Do not deduct the area that the edge cracking is in from the fatigue cracking area if they overlap.

This procedure also applies to edge cracking and block cracking.

All test sections where it is known that this problem exists should be reviewed. Appropriate changes should be made to all effected map sheets, summaries and database table entries. The database shall be updated with the new information by the 2007 upload.

Prepared by: LTPP HQ

Approved by:


Aramis López
LTPP Team Leader