Memorandum

U.S. Department
Of Transportation

**Federal Highway
Administration**

6300 Georgetown Pike
McLean, Virginia 22101

Subject: **ACTION**: LTPP Directive IMS-117
Population of Measurement Device Field in MON_DIS_JPCC_FAULT

Date: July 27, 2004

From: Eric Weaver
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 the Long Term Pavement Performance (LTPP) Program directive IMS-117: Population of Measurement Device Field in MON_DIS_JPCC_FAULT. This directive addresses the most appropriate codes to use to perform measurements in the FAULT_MEASURE_DEVICE field. Please ensure that all personnel involved with the IMS 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 202-493-3153.

Attachments

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE

For the Technical Direction of the LTPP Program

Program Area: IMS **Directive Number**: I-117

Date: July 27, 2004 **Supersedes**: NA

Subject: Population of measurement device field in MON_DIS_JPCC_FAULT

Regional Support Contractors (RSC) shall populate the FAULT_MEASURE_DEVICE field in the MON_DIS_JPCC_FAULT table with the most appropriate code corresponding to the device used to perform the measurements. Existing records where the FAULT_MEASURE_DEVICE field is currently null shall be populated before the May 2005 "upload." New records entered in the database after issuance of this directive shall be populated at the time of entry. The following codes shall be used:

1. Straightedge and ruler
2. Georgia Faultmeter with 1/32-inch resolution
3. Georgia Faultmeter with 1/20-inch resolution
4. Georgia Faultmeter with 1-mm resolution
5. FHWA Mechanical Faultmeter with 1-mm resolution

For previously entered records, information contained on the data forms (such as the resolution of units), correspondence on dates of equipment changes, or other available information should be used to determine appropriate codes. RSCs that cannot determine a reasonable equipment code shall obtain approval in writing from FHWA to leave FAULT_MEASURE_DEVICE null.

For new measurements, RSCs shall develop a relationship between the faultmeter number recorded on the data collection form, the FHWA inventory barcode number, and the above database device codes. The device code entered in the database should be written on the data collection form at the time of data entry to the RIMS.

Prepared by: TSSC

Approved by:

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LTPP Team Leader