

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For The Technical Direction Of The LTPP Program



Program Area: Monitoring

Directive Number: SM-27

Date: January 7, 1998

Supersedes: SM-25

Subject: Upgrade of SMPCheck Software to Version 2.5e

This new version of the SMPCheck software contains modifications made in response to feedback from the RCOCs. More specifically, the following modification was made in this program version:

- < Fixed error in computation of total daily rainfall that occurred when less than a complete day of rainfall data were deleted. Specifically, deleted hourly data were not subtracted from the daily total rainfall for that day (see SMPPR NA-20).

The above modification does not require changes to the documentation; hence, the Users Guide provided with the SMPCheck v2.5 software remains unchanged.

Version 2.5e of the SMPCheck program is fully compatible with Version 2.5d. However, for seasonal test sections where hourly rainfall data have been deleted, but which have not been uploaded into the IMS, it is necessary that those data be reprocessed using SMPCheck v2.5e. For rainfall data already in the IMS (i.e., data processed and uploaded through December 15, 1997), a new Level E check will be implemented within the IMS which will check the sum of the hourly rainfall totals on a given day against the daily total. An error message will be generated for records failing the check. Once erroneous data are identified, the RCOCs will be required to reprocess and upload the associated rainfall data. Fortunately, this problem is only expected to affect a small amount of data.

SMPCheck v2.5e should be installed on all computers being used to enter and process SMP data. Installation consists of copying the file INSTALL.EXE off the distribution diskette and into the SMPCheck directory. Once completed, the INSTALL.EXE program should be run, answering "yes" to overwrite existing program files. If this procedure is followed, the SMPCheck program should be able to read and process all SMPCheck Version 2.5 d data.

Problems with this process should be submitted on a SMP problem report (SMPPR) form in accordance with LTPP Monitoring Directive SM-6.

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