

LONG TERM PAVEMENT PERFORMANCE



PROGRAM DIRECTIVE

For the Technical Direction of the LTPP Program

Program Area: Traffic Monitoring **Directive Number:** TDP-17
Date: May 24, 2000 **Supersedes:** TDP-3,-5, -9, -14 &-16
Subject: Replacement of Traffic QC Software

Attached for your immediate implementation please find Version 1.0 of the traffic QC software designed to run in the Windows NT environment. This program replaces the SAS based traffic QC processing software used to prepare data for daily and annual statistics. The software is to be installed using the included setup.exe file to the new traffic computer. The traffic computer will be a work station with Windows NT 4.0, service pack 5 or higher, and a client in an ORACLE system with version 8.0.3 or higher.

The following data sets are to be processed with this software:

1. Any 1999 and earlier data sets which have not yet been processed with the current software suite.
2. Any 1999 and earlier data sets which have been processed through Level 3 but no further with the current software suite. Processing of these data sets to account for comments from state packets, Level 2-1 summarization and IMS extracts should be done with this software. The raw data files for these data sets are not to be re-processed without the consent of the RCOC Principal Investigator.
3. All 2000 and later data sets.
4. There is to be no reprocessing of data for any site and year with monitored data currently in the IMS unless approved by the COTR. Processing to account for acquisition of additional data or replacement data files for a site for a year is not consider reprocessing since a major revision to the IMS information is possible.

Parallel and completion processing of 1999 and earlier traffic data with the current software suite

is permitted until the expiration of the RCOC SAS license.

The above modifications require substantial changes in user documentation. The LTPP Traffic QC Users Guide dated May 15, 2000 is being provided to inform users of the similarities and differences between the original SAS based software and its replacement. A *.pdf file is being provided along with a hard copy. The *.pdf file is color coded for the convenience of the authors. Items which have been struck out are features which do not exist in the replacement software.

The LTPP Traffic QC Users Guide replaces the following documents:

- C LTPP Traffic Database Librarian Software Version 4.0, April 24, 1997
- C Managing Purge Documents Using Purge Operations Software, February 8, 1998
- C Long Term Pavement Performance Traffic Software Users' Guide, June 1997
- C LTPP Traffic Software Metric Conversion Software Program, May 1, 1997
- C Long-Term Pavement Performance Level 4 Quality Control Analysis User's Manual, June 1997
- C Running the Level 4 QC Filter Program, June 1997

The TSSC will make at least three archive copies on CD-ROM of all current versions of traffic software programs developed for the use of LTPP and their supporting documentation. One copy will be provided to FHWA and the remaining two retained for inclusion with the end of contract report. A readme.txt file on the CD-ROM will reference the required commercial packages (i.e., DESQVIEW, SAS, DOS) by name, version, developer. Also included in the readme.txt file will be any other information on equipment and software that would be required to support use of the current processing suite.

The RCOCs are not required to keep copies of any of the pre-NT traffic QC software after May 18, 2000. Additionally, the RCOCs are not required to retain any material associated with the commercial packages used in traffic QC processing after May 16, 2000 unless those packages are required for other LTPP activities.

If there are any problems, please submit an IMS software problem report (IMS SPR) in accordance with current IMS practice.

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