LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE

For the Technical Direction of the LTPP Program

Program Area:	Traffic Monitoring	Directive Number:	T-14
Date:	May 29, 1998	Supersedes:	N/A
Subject:	Upgrade of Quality Control Software to Version 2.0		

This new version of the LTPP Quality Control (QC) Software contains modifications made in response to feedback from the RCOCs. More specifically, the following enhancements were made in this software version:

<   Modified software to report the WIM classification scheme used.   This resolution addresses the problem reported by North Atlantic RCOC staff (SPR N980002). The problem was as follows: when SHAs change the WIM classification scheme and do not report it, the traffic processor will use the old scheme reported in the file DEFSHT.DAT producing erroneous summary statistics.

<   Modified software to produce ESALs per vehicle graphs by direction and lane (SRCO/BRE 143).

<   Modified software to resolve problems with ESAL calculations. ESALs are summarized in a similar manner to the Traffic Software. Moreover, all parameters are initialized prior to running the ESAL macros.

<   Modified software to allow the selection of source directories in the SAS reader (SRO/BRE 141).

The following steps transfer the Level 4 Quality Control software from the distribution CD-ROM to your hard drive:

1.   Copy your present LTPPUI.SAS file (located in the ANALYSIS\SASCODE directory) to a diskette.
2.   Zip copy of old interface using the command **PKZIP -Pr**

c:\analysis\sascode\QCL4_v1.zip *.*.
3. Copy the ANALYSIS directory from the CD-ROM to your hard drive.
4. Replace ANALYSIS/SASCODE/ LTPPUI.SAS file with file copied to diskette in step 1.

 Click on the LTPP QC ANALYSIS icon to start the program.

 Similarly the following steps transfer the Level 3-1 Quality Control software from the distribution CD-ROM to your hard drive:

1. Zip copy of old interface using the command **PKZIP -Pr**
c:\qclev1_3\sascode\QCL31_v1.zip *.*.
2. Copy the QCLEV1_3 directory from the CD-ROM to your hard drive.
3. Edit QCLEV1_3/SASCODE/QCLEV1_3.SAS file to correspond to your system and directory set up. (This file is similar to LTPPUI.SAS.)

 Click on the LEVEL 3-1 QC   icon to start the program.

The LTPP Quality Control Analysis User's Manuals are still valid and should be used with this new version of the software. Please note that no data reprocessing is required with this softwaare release. Please use the Software Performance Report (SPR) form to submit any problems identified with the software. Other questions concerning the software should be directed to Cindy Cornell-Martinez of the LTPP Technical Support Services Contractor (TSSC) Team at:

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