LONG TERM PAVEMENT PERFORMANCE
PROGRAM DIRECTIVE

For the Technical Direction of the LTPP Program

Program Area: Monitoring   **Directive Number**:   FWD-18

Date: December 27, 1999   **Supersedes**:   n/a

Subject: Upgrade of FWDSCAN Software to Version 3.10

Attached for immediate implementation, please find Version 3.10 of the FWDSCAN software. This new version of the program incorporates revisions made to handle output files generated by final LTPP version of the Dynatest Edition 25 data collection software, which is currently being implemented. More specifically, this program version contains the following modifications:

- Non-decreasing deflection for sensor 9 will not be flagged as an error.
- FWD data files with extension of FWD or F25 will be displayed under file selection menu.
- Added LTPP section ID to OUT file.
- Added LTPP section ID to PKS file.
- Added new B-series of configuration files for use with final version of Edition 25 software.

  Notes: (1)   B-series configuration file names consist of a "B-" follow by experiment number and "cfg" extension. For example, configuration file for use with GPS-1 test sections is "B-g1.cfg", for flexible seasonal test sections it is "B-seasf.cgg", and for SPS-2 test sections it is "B-s2.cfg".

  - Content of B-series configuration files is same as M-series files except section limit (station) data are in feet rather than meters.

The above modifications require minor changes to the documentation; however, a revised version of the Users Guide will not be provided at this time. Please continue to use the Users Guide provided with the FWDSCAN v3.00 software.

FWDSCAN v3.10 should be installed on computers being used to scan and check FWD data. Installation consists of copying the file FWDSCAN.ZIP off the distribution diskette and into the appropriate directory. Once done, unzip the FWDSCAN.ZIP program and answer "yes" to overwrite existing program and configuration files if they exist. If this procedure is followed, the FWDSCAN program should be able to read and scan data generated by the final version of the Edition 25 software as well as data generated by earlier versions of the FWD data collection software.

If there are any problems, please submit an FWD problem report (FWDPR) form in accordance with LTPP Monitoring Directive FWD-13.

Prepared by: TSSC   Approved by:

                                             Aramis López
                                             LTPP Team Leader