LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE

For the Technical Direction of the LTPP Program

Program Area:	Monitoring	**Directive Number**:	FWD-21
Date:	February 9, 2000	**Supersedes**:	FWD-18
Subject:	Upgrade of FWDScan Software to Version 3.20		

Attached for your immediate implementation please find Version 3.20 of the FWDScan software. This new program version contains modifications made in response to problem reports and feedback from the RCOCs. More specifically, the program was modified to do the following:

- Operator's comments stored on line 7902 or 7901 are included in *.OUT file (see FWDPR NC-12).
- If line 7925 is used to store operator's comments, a warning message is included in *.OUT file (see FWDPR NC-12).
- Check on measurements used for station location, which should be in feet (not meters). If correct, there should be a "5" in column 12 of line 5301 indicating that station measurement is in feet. Otherwise, another number is shown in this column indicating station units (e.g., 3 for meters and 6 for miles).
- Check for non-decreasing deflections for sensors 1 through 8 (see FWDPR NC-12).
- Check total number of expected versus actual point measurement data sets in file; a warning message is included in *.OUT file if they do not match.
- *.PKS file is no longer generated for FWD edition 25 or earlier editions (regions no longer have to run data through FWDCheck program, hence *.PKS file not required).

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 v3.20 should be installed on all 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 both FWD edition 25 data and earlier versions.

If there are any problems, please submit an FWD problem report (FWDPR) form in accordance with procedures indicated in current version of the LTPP Manual for FWD Testing.

Prepared by: TSSC   Approved by:

                                               Aramis López
                                               LTPP Team Leader