

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area:	Monitoring	Directive Number:	SM-33
Date:	December 15, 1999	Supersedes:	SM-19
Subject:	Upgrade of MOBFIELD Software to Version 3.0		

Attached for immediate implementation please find Version 3.0 of the MOBFIELD software. This new version of the program contains modifications implemented to make the software Y2K compliant and to handle data collected with the OnsPlus program, which has been customized for the SMP Phase II monitoring. More specifically, the following modifications were made in this program version:

- < All date fields have been checked or modified to make the program Y2K compliant.
- < Plotting function has been modified to handle data files collected with the OnsPlus program.

Note: MOBFIELD only displays data files with an extension of MO* in the file selection menu. Since data files collected with OnsPlus have an extension of ONS, user must make a copy of the file with the ONS extension and rename it so that it has a MOB extension. For example, if the file collected with OnsPlus is named 04SA99AK.ONS, user must make a copy of that file and rename the copy 04SA99AK.MOB.

- < Program has been modified to read data files collected with either the MOBILE or OnsPlus program. When displaying resistivity data collected with OnsPlus, the applied voltage and resistance voltage values are shown on the computer screen along with the calculated resistance for the internal reference resistor. If the absolute error between the calculated resistance and actual resistance (nominally 100 k-S) for the internal reference resistor is greater than 3%, the value of the calculated resistance is displayed in red alerting the user of possible errors in either equipment or data.

The above modifications require minor changes to the documentation; however, the Users Guide provided with the MOBFIELD v2.4 software will not be changed at this time.

MOBFIELD v3.0 should be installed on all computers being used to collect SMP data. Installation consists of copying the files MOBFIELD.EXE and MOBFIELD.CFG off the distribution diskette and into an appropriate directory. The two files must be in the same

directory for the program to run properly. The MOBFIELD v3.0 program supersedes previous versions of the program.

If there are any problems, please submit a SMP problem report (SMPPR) form in accordance with LTPP Monitoring Directive SM-6.

Prepared by: TSSC

Approved by:

Aramis López, Jr.
LTPP Team Leader