

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For The Technical Direction Of The LTPP Program



Program Area: Seasonal Monitoring Directive Number: SM-10
Date: April 1, 1995 Supersedes: n/a
Subject: Use of ONSFIELD and MOBFIELD QC Programs

The ONSFIELD and MOBFIELD computer programs were developed to permit field checks on the integrity and quality of the Onsite and Mobile data collected as part of the LTPP Seasonal Monitoring Program (SMP). These programs are to be used in the field to identify data anomalies whenever Onsite and/or Mobile SMP data are collected.

Accordingly, effective immediately the following instructions and procedures for the use of the ONSFIELD and MOBFIELD quality control computer programs shall be instituted by the RCOG during data collection as part of the SMP -- i.e., during SMP site visits.

Onsite Data

The Scan module of the ONSFIELD program must be run on all Onsite data collected from an SMP test section. This program must be run in the field prior to leaving the site on the day of collection. If a data item is flagged by the Scan module, the operator must then run the appropriate plot routine to identify the cause. The operator must try to remedy all problems identified while at the site. The operator shall record any problems encountered, any data anomalies observed, and corrective actions taken as appropriate on Data Sheet SMP-D10. If no problems were encountered, this should be also be noted on the data sheet. Prior to submission of the SMP data, the operator must print and attach the output file generated by the ONSFIELD Scan module to the SMP data. If new or different problems were encountered, the appropriate portions of the plot programs should also be printed and attached to the SMP data submittal.

Mobile Data

The plot routines contained in the MOBFIELD program must be run on all Mobile data collected from an SMP test section. This program must be run in the field prior to leaving the site on the

day of collection. If an anomaly is identified in the data, the operator shall try to remedy any problems while at the site. The operator shall record any problems encountered, any data anomalies observed, and corrective actions taken as appropriate on Data Sheet SMP-D10. If no problems were encountered, this should be also be noted on the data sheet. Prior to submission of the SMP data, the operator must print the graph(s) illustrating any identified anomalies. These shall be attached to the data submittal.

Prepared by: Aramis López, Jr.

Approved by:
Charlie Churilla
Chief Pavement Performance Division