



U.S. Department
of Transportation
Federal Highway
Administration

Memorandum

6300 Georgetown Pike
McLean, Virginia 22101-2296

Subject: ACTION: LTPP IMS Directive No. 40
17 April 1996

Date:

From: Shahed Rowshan
Pavement Performance Division

Reply to
Attn. of: HNR-30

To: Mr. Ivan Pecnik
Mr. Richard Ingberg
Mr. Morris Reinhardt
Mr. Cal Berge

The attached LTPP Program Directive IMS-40 is for the upgrade of the LTPP IMS to version 8.0. This version was directly forwarded to your office on 12 April.

Please distribute this upgrade to the IMS staff of the LTPP Regional Coordination Contractor. This software upgrade is to be applied to the RIMS immediately.

If you have any questions, please contact me.


Shahed Rowshan

Attachments

cc: Charlie Churilla
Charlie Copeland, PCS/Law
Riaz Ahmad, ERES
Sandy Harris, SAIC
Directive File
Chron
Official File: SRowshan

PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area: Information Management System
Directive Number: IMS-40
Date: 17 April 1996
Subject: LTPP IMS Version 8.0

This directive is to provide version 8.0 of the LTPP IMS software. Attached is Software Change Notice No. 50 and instructions for installing this upgrade. The diskettes were forwarded directly to your office by SAIC on 12 April.

This version of the software provides significant number of updates including all current SPS QC checks.

This update is to be applied immediately, and the Software Change Notice filed in the Operator's Log.


Approving Official
Monte Symons, Team Leader
LTPP Operations

LTPP IMS
SOFTWARE CHANGE NOTICE
NO. 50

Version 8.0

Superseding 7.9

Effective Date: April 12, 1996

- 1 TST_SS12: Created new table, form, and QC. (SPRs 1-146,
- 2 Surface Distress QC:
 - Modified QC extensively to handle SPS 6 data. (SPR 3-245)
 - Changed Level D to indicate if date was a problem. (SPR 3-262)
 - Changed Level E checks on material type. (SPR 3-265)
- 3 SPS Data Extraction: Developed SPS data extraction option to allow selection by region, state, experiment, and project (not section). Atomically pull GPS_SPS_LINK. For now, related GPS sections must be requested manually. (SPR P-1528)
- 4 SPS Data Entry:
 - SPS Data Entry: Changed range for PAVEMENT_TYPE, O_SH_WIDTH, PAVED_WIDTH, O_SH_SURFACE_TYPE, and LANE_WIDTH per new specifications. (SPR 1-141)
 - SPS 4, Sheet 1: Modified form to eliminate error. (SPR 4-1407)
 - SPS 8, Sheet 4: Removed all references to Depth to Rigid. (SPR 1-148)
- 5 SPS QC for Inits, Construction, Materials:
 - SPS 1 QC changes (SPRs 4-199, 4-200, 4-202, 4-205, 4-1486)
 - SPS 2 QC changes (SPRs 4-180, 4-181s, 4-182, 4-183, 4-184, 4-186, 4-187, 4-189, 4-193, 4-194, 4-195, 4-196, 4-197)
 - SPS 3 QC changes (SPRs 3-1447, 4-198, 4-1486)
 - SPS 4 QC changes (SPR 4-214)
 - SPS 5 QC changes (SPRs 3-247, 3-250, 4-211, 4-1430, 4-1486, P-1444, P-1445)
 - SPS 6 QC changes (SPRs 4-191, 4-1486)
 - SPS 7 QC changes (SPRs 3-254, 4-195)
 - SPS 8 QC changes (SPRs 4-195, 4-1486)
- 6 Materials Sampling and Testing:
 - TST Sampling Data Sheets: Added additional look-up in TST_FRESH_PCC, TST_ASPHALT_CEMENT, and TST_UNCOMP_BITUMINOUS.
 - TST_SS11: Corrected spelling error. (SPR 1-147)
 - TST_SDS_01: Corrected look-up of LOC_NO. (SPR 3-256)
 - TST_SDS_09: Corrected help messages. (SPRs 1-149, 1-150)
 - TST_SDS_12: Added Sampling Area No to form. (SPR 1-151)
 - TST_SDS_10A: Modified form to accept different sample numbers. (SPR 1-152)
 - TST_AC05: Modified form to lookup in TST_UNCOMP_BITUMINOUS. (SPR 1-156)

- TST_AC05 QC: Modified to correct ranges. (SPR P-1425)
 - TST_AE01S: Modified form to correct Oracle error. (SPR 2-176)
- 7 SMP: Modified filter to handle quote in data. (SPR 2-179)
8. Reports:
- Schema/Abbreviated Schema: Modified to exclude extraneous tables and add option for formatted/unformatted layout. (SPRs P-1474, T-1409)
 - Pavement Summary Report: Corrected errors. (SPR T-1421)
 - Data Collection Summary Report: Corrected error. (SPR T-1422)
 - GPS Section Totals Per State Report: Modified to include GPS-9. (SPR T-1423)
9. Miscellaneous Changes:
- RHB_13: Corrected heading text. (SPR 1-143)
 - RHB_64: Modified form to allow work type code of 55. (SPR 3-255)
 - RHB_D: QC changes for joint skewness data. (SPR 4-194)
 - MNT_05: Modified form to allow entry of item 4. (SPR 1-154)
 - INIT_C: Corrected table header. (SPR 4-1433)
 - INV_13: Modified form to accept 1 1/2 sieve data. (SPR 3-258)
 - INV_19: Modified form to accept 1 1/2 sieve data. (SPR 2-1487)
 - PADIAS Filter: Modified form to limit pavement type to as few characters as possible (i.e., 6, not 6A). (SPR 3-240)
 - RUT_E: Modified code to check only for non null separation and added material code 90. (SPR 3-261)
 - MON_DIS_06_B form: Modified code to save data if either dropoff or separation are non-null. (SPR 4-150)
 - Comments: Revisions to comments handling per ERES memo. (SPR 4-1404)
 - FWD QC: modified checks to accommodate SPS and seasonal sections. (SPRs P-1319, P-1473)
 - Traffic Filter: Modified to load data with Record_Status = 'A'. (SPR P-1526)
 - Section Maintenance: Corrected code for deleting a specific construction number to set the appropriate deassign dates to null. (SPR S-1504)
10. Administrative Changes:
- Added the following Lab Codes (SPRs 1-1360, 2-1359, 2-1484)
 - 5111 for FHWA
 - 3932 for U of Ohio
 - 3933 for U of Toledo
 - Deleted Lab Code 512 for VA DOT and 9141. (SPRs 1-1360, P-1485)
 - Added Code 76 for TST_L05A. (SPR 4-209)
 - Added Description of 11 to Codes table. (SPR 2-182)
- 1 Data Dictionary: An updated copy of the data dictionary has been included with this release.

INSTRUCTIONS FOR INSTALLATION OF RIMS 8.0

1. Shutdown ORACLE and BACKUP the system.
2. Bring ORACLE up
3. Insert the first update diskette into drive A:
4. CD \INSTALL
5. COPY A:VER_80.BAT
6. Type VER_80 to begin the software update and follow the instructions provided.
7. IMPort new administrative tables contained in SHRPDATA.DMP.
8. IMPort the latest data dictionary information.