



Memorandum

U.S. Department
of Transportation

6300 Georgetown Pike
McLean, Virginia 22101

**Federal Highway
Administration**

Subject: **ACTION**: LTPP Directive IMS-87
June 2001 IMS Upload

Date: June 8, 2001

From: Jean Sexton
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-13

To: Dr. Frank Meyer, PI - LTPP North Atlantic Regional Contract
Mr. Tom Wilson, PI - LTPP North Central Regional Contract
Mr. Mark Gardner, PI - LTPP Southern Regional Contract
Dr. Sirous Alavi, PI - LTPP Western Regional Contract

Attached is the Long Term Pavement Performance (LTPP) Directive IMS-87 formalizing implementation of the June 2001 IMS Upload. This directive should be transmitted to all appropriate personnel as soon as possible.

If you have any questions concerning this transmittal, please do not hesitate to call me at (202) 493-3153.

Attachments (3)

FHWA:HRDI-13:JSexton:mad:493-3153:6/8/01

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cc:

LAW PCS

LTPP Staff

Directive File

Official File (240.20)

Chron



Long-Term Pavement Performance

Technical Support Services Contractor - c/o LAW PCS-12104 Indian Creek Ct., #A - Beltsville, MD 20705 - Tel 301-210-5105 - Fax 301-210-5032

MEMORANDUM

TO: Jean Sexton

FROM: Gary Elkins

DATE: June 7, 2001

SUBJECT: LTPP Directive I-87: June 2001 IMS Upload
FHWA Contract No. DTFH61-97-C-00002
LAW PCS Project No. 10900-7-0714-02-102

PAPER FILE: IMS Development/IMS Operations/Directives

CC: G. Rada, R. Cale, T. Thompson, R. Bhandari, C. Copeland, M. Pitz

Enclosed is a draft version of LTPP Directive I-87 for your review. This directive provides instruction on the June 2001 upload for the region. We are asking for all tables except those that contain the results of computed parameters. We are also requesting submission of any scanned manual distress maps not previously submitted. We recently received distress CD's from all but the North Central Region.

This has been numbered as IMS Directive I-87, since I think that I-84 was not about uploads, but rather the upload process in which we check record counts. I'm checking with the TSSC IMS, but to be less confusing, I'm numbering this one I-87.

Should you have any questions or would like to discuss this directive, please do not hesitate to contact us.

Best Regards

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area: IMS

Directive Number: I-87

Date: June 8, 2001

Supersedes:

Subject: June 2001 IMS Upload

The June 2001 upload will be the last upload prior to the end of the current Regional Coordination Office Contractors' contracts. The list of tables to include in the upload and processing checklist to be completed and submitted with the upload is presented in Attachment 1. The list of tables not to be included in the upload is shown in Attachment 2.

The upload should be shipped so that it arrives at the TSSC office on June 26, 2001.

Any manual distress maps and pictures converted to electronic format, which have not previously been submitted, shall also be included with June 26, 2001 IMS upload submission.

Prepared by: TSSC

Approved by:

Aramis López, Jr.
LTPP Team Leader

Attachment 1

Tables included in June 26, 2001 upload and processing checklist.

The export date in the following table shall be completed by the RCOCs and submitted with the data.

Table Name	CN, QC Programs	Export Date
AWS_COMMENT	AWSQC.bat (Runs AWS.exe)	
AWS_DAILY_DATA		
AWS_HOURLY_DATA		
AWS_HUMIDITY_MONTH		
AWS_LINK		
AWS_LOCATION		
AWS_PRECIPITATION_MONTH		
AWS_SOLAR_MONTH		
AWS_TEMP_MONTH		
AWS_WIND_MONTH		
COMMENTS_GENERAL	No QC	
EXPERIMENT_SECTION	EXPQC.bat (Runs EXP_QC.exe)	
INV_ADMIX	INVQC.bat (Runs INV_QC.exe)	
INV_AGE		
INV_AGGR_COMP		
INV_AGGR_DUR		
INV_DEICE_SITE_DATA		
INV_DEICE_TYPES		
INV_GENERAL		

Table Name	CN, QC Programs	Export Date
INV_GRADATION		
INV_ID		
INV_LAYER		
INV_MAJOR_IMP		
INV_MODIFIER		
INV_PCC_JOINT		
INV_PCC_MIXTURE		
INV_PCC_STEEL		
INV_PCC_STRENGTH		
INV_PMA		
INV_PMA_ASPHALT		
INV_PMA_COMPACTION		
INV_PMA_CONSTRUCTION		
INV_PMA_ORIG_MIX		
INV_PMA_ROLLER		
INV_SHOULDER		
INV_STABIL		
INV_SUBGRADE		
INV_UNBOUND		
MNT_ASPHALT_CRACK_SEAL	CN_MNT.sql MNTQC.bat (Runs MNT_QC.exe)	
MNT_ASPHALT_PATCH		
MNT_ASPHALT_SEAL		
MNT_COST		

Table Name	CN, QC Programs	Export Date
MNT_GMG		
MNT_HIST		
MNT_IMP		
MNT_PCC_CRACK_SEAL		
MNT_PCC_FULL_DEPTH		
MNT_PCC_JOINT_RESEAL		
MNT_PCC_PART_DEPTH		
MON_CATEGORY	MONCAT.bat (Runs MONCATQC.exe)	
MON_DEFL_BUFFER_SHAPE	CN_FWD25.sql FWD25QC.bat (Runs FWD25.exe)	
MON_DEFL_DEV_CONFIG		
MON_DEFL_DEV_SENSORS		
MON_DEFL_DROP_DATA		
MON_DEFL_EST_SENSOR_OFFSET		
MON_DEFL_FWDCHECK_CMNTS		
MON_DEFL_LOC_INFO		
MON_DEFL_MASTER		
MON_DEFL_TEMP_DEPTHS		
MON_DEFL_TEMP_VALUES		
MON_DIS_AC_REV	CNMANDIS.sql DISQC.bat (Runs DIS_QC.exe)	
MON_DIS_CRCRP_REV		
MON_DIS_JPCC_FAULT		
MON_DIS_JPCC_REV		
MON_DROP_SEP		

Table Name	CN, QC Programs	Export Date
MON_DIS_PADIAS42_AC	CN_PAD42.sql PAD42QC.bat (Runs DISPAD42.exe)	
MON_DIS_PADIAS42_CRCP		
MON_DIS_PADIAS42_JPCC		
MON_DIS_PADIAS_AC	CN_PAD10.sql PAD10QC.bat (Runs DISPAD10.exe)	
MON_DIS_PADIAS_CRCP		
MON_DIS_PADIAS_JPCC		
MON_DIS_PADIAS_MAP		
MON_FRICTION	CN_FRIC.sql FRIC_QC.bat (Runs FRICTION.exe)	
MON_PROFILE_DATA	CN_PROF.sql PROF_QC.bat (Runs PROFQC.exe)	
MON_PROFILE_MASTER		
MON_RUT_DEPTH_POINT	CN_TPROF.sql TPROFQC.bat (Runs TPROF.exe)	
MON_T_PROF_DEV_CONFIG		
MON_T_PROF_MASTER		
MON_T_PROF_PROFILE		
RHB_ACO_AGGR_PROP	CN_RHB.sql RHBQC.bat (Runs RHB_C.exe RHB_D.exe RHB_E.exe)	
RHB_ACO_LAB_AGED_AC		
RHB_ACO_LAB_MIX		
RHB_ACO_MIX_PROP		
RHB_ACO_PROP		
RHB_CAUSE_INFO		
RHB_CMRAP_COMBINED_AGG		
RHB_CMRAP_COMBINE_AC		

Table Name	CN, QC Programs	Export Date
RHB_CM RAP_GEN_INFO		
RHB_CM RAP_LAB_AGED_AC		
RHB_CM RAP_LAB_MIX		
RHB_CM RAP_MIX_PROP		
RHB_CM RAP_NEW_AC_PROP		
RHB_CM RAP_RECLAIM_AC		
RHB_CM RAP_UNTREAT_AGGR		
RHB_CRACK_SEAT_PCC		
RHB_HEATER_SCARIF		
RHB_HMRAP_COMBINED_AGG		
RHB_HMRAP_COMBINE_AC		
RHB_HMRAP_GEN_INFO		
RHB_HMRAP_LAB_AGED_AC		
RHB_HMRAP_LAB_MIX		
RHB_HMRAP_MIX_PROP		
RHB_HMRAP_NEW_AC_PROP		
RHB_HMRAP_RECLAIM_AC		
RHB_HMRAP_UNTREAT_AGGR		
RHB_IMP		
RHB_LAYER		
RHB_LOAD_TRANSFER		
RHB_MILL_AND_GRIND		
RHB_PCCO_AGGR		

Table Name	CN, QC Programs	Export Date
RHB_PCCO_CONSTRUCTION		
RHB_PCCO_JOINT_DATA		
RHB_PCCO_MIXTURE		
RHB_PCCO_STEEL		
RHB_PCCO_STRENGTH		
RHB_PMA_COMPACTION		
RHB_PMA_CONSTRUCTION		
RHB_PMA_ROLLER		
RHB_PRESSURE_RELIEF		
RHB_RCYPCC_COMBINED_AGGR		
RHB_RCYPCC_CONSTRUCTION		
RHB_RCYPCC_JOINT		
RHB_RCYPCC_MIXTURE		
RHB_RCYPCC_NEW_AGGR		
RHB_RCYPCC_STEEL		
RHB_RCYPCC_STRENGTH		
RHB_RESTORE_AC_SHOULDER		
RHB_RESTORE_PCC_SHOULDER		
RHB_SUBDRAINAGE		
RHB_SUBSEALING_PCC		
SMP_ATEMP_RAIN_DAY	CN_SMP.sql SMPQC.bat (Runs SMP_C.exe SMP_D.exe	
SMP_ATEMP_RAIN_HOUR		
SMP_COMMENT		

Table Name	CN, QC Programs	Export Date
SMP_DRY_DENSITY	SMP_E.exe)	
SMP_ELEV_AC_DATA		
SMP_ELEV_AC_OFFSET		
SMP_ELEV_PCC_DATA		
SMP_ELEV_PCC_OFFSET		
SMP_ERESIST_ABF_REF_VA		
SMP_ERESIST_AUTO		
SMP_ERESIST_AUTO_ABF		
SMP_ERESIST_DEPTHS		
SMP_ERESIST_MAN_4POINT		
SMP_ERESIST_MAN_CONTACT		
SMP_FREEZE_STATE		
SMP_FROST_PENETRATION		
SMP_GRAV_MOIST		
SMP_JOINT_FAULT_DATA		
SMP_JOINT_FAULT_OFFSET		
SMP_JOINT_GAGE_DATA		
SMP_JOINT_GAGE_OFFSET		
SMP_LAYOUT_INFO		
SMP_MRCTEMP_AUTO_DAY_STATS		
SMP_MRCTEMP_AUTO_HOUR		
SMP_MRCTEMP_DEPTHS		
SMP_MRCTEMP_MAN		

Table Name	CN, QC Programs	Export Date
SMP_TDR_AUTO		
SMP_TDR_AUTO_DIELECTRIC		
SMP_TDR_AUTO_MOISTURE		
SMP_TDR_DEPTH_LENGTH		
SMP_TDR_MANUAL_DIELECTRIC		
SMP_TDR_MOISTURE_SUPPORT		
SMP_WATERTAB_DEPTH_AUTO		
SMP_WATERTAB_DEPTH_MAN		
SPS1_LAYER	CN_SPS1.sql SPS1QC.bat (Runs SINIT1.exe SPS1_BC.exe SPS1_D.exe SPS1_E.exe)	
SPS1_LAYER_THICKNESS		
SPS1_NOTES_AND_COMMENTS		
SPS1_PMA_AC_PROPERTIES		
SPS1_PMA_AGGREGATE_PROP		
SPS1_PMA_COMPACTION		
SPS1_PMA_CONSTRUCTION		
SPS1_PMA_DENSITY_PROFILE		
SPS1_PMA_MIXTURE_PROP		
SPS1_PMA_PLACEMENT_DATA		
SPS1_PMA_ROLLER		
SPS1_SUBGRADE_PREP		
SPS1_UNBOUND_AGG_BASE		
SPS2_LAYER	CN_SPS2.sql SPS3QC.bat	
SPS2_LAYER_THICKNESS		

Table Name	CN, QC Programs	Export Date
SPS2_NOTES_AND_COMMENTS	(Runs SINIT2.exe SPS2_BC.exe SPS2_D.exe SPS2_E.exe)	
SPS2_PCC_FULL_DEPTH		
SPS2_PCC_JOINT_DATA		
SPS2_PCC_MIXTURE_DATA		
SPS2_PCC_PLACEMENT_DATA		
SPS2_PCC_PROFILE_DATA		
SPS2_PCC_STEEL		
SPS2_PMA_AC_PROPERTIES		
SPS2_PMA_AGGREGATE_PROP		
SPS2_PMA_COMPACTION		
SPS2_PMA_CONSTRUCTION		
SPS2_PMA_MIXTURE_PROP		
SPS2_PMA_PLACEMENT_DATA		
SPS2_PMA_ROLLER		
SPS2_SUBGRADE_PREP		
SPS2_UNBOUND_AGG_BASE		
SPS3_CHIP	CN_SPS3.sql SPS3QC.bat (Runs INIT3.exe SPS3.exe)	
SPS3_CHIP_EQUIP		
SPS3_CRACK		
SPS3_ROLLER		
SPS3_SLURRY		
SPS3_SLURRY_EQUIP		
SPS4_BENKELMAN_GENERAL	CN_SPS4.sql	

Table Name	CN, QC Programs	Export Date
SPS4_BENKELMAN_MEASURE	SPS4QC.bat (Runs INIT4.exe SPS4_B.exe SPS4_C.exe SPS4_D1.exe SPS4_D2.exe SPS4_E.exe)	
SPS4_CONTROL_GENERAL		
SPS4_CONTROL_LONG		
SPS4_CONTROL_RANDOM		
SPS4_CONTROL_SHOULDER		
SPS4_CONTROL_TRANS		
SPS4_CRACK_SEAL_GENERAL		
SPS4_CRACK_SEAL_PVMT		
SPS4_CRACK_SEAL_PVMT_MEAS		
SPS4_CRACK_SEAL_RAND		
SPS4_CRACK_SEAL_RAND_MEAS		
SPS4_CRACK_SEAL_SH		
SPS4_CRACK_SEAL_SH_MEAS		
SPS4_DYNAFLECT_GENERAL		
SPS4_DYNAFLECT_MEASURE		
SPS4_FWD_MEASUREMENTS		
SPS4_TRANSIENT_GENERAL		
SPS4_TRANSIENT_MEASURE		
SPS4_UNDERSEAL_GENERAL		
SPS4_UNDERSEAL_INIT_GROUT		
SPS4_UNDERSEAL_PRES_GROUT		
SPS4_UNDERSEAL_REGROUT		
SPS5_AC_PATCHES	CN_SPS5.sql	

Table Name	CN, QC Programs	Export Date
SPS5_LAYER	SPS5QC.bat (Runs PINIT5.exe SINIT5.exe SPS5.exe)	
SPS5_LAYER_THICKNESS		
SPS5_MILLED_SECTIONS		
SPS5_NOTES_AND_COMMENTS		
SPS5_OVERLAY		
SPS5_OVERLAY_LAYERS		
SPS5_PMA_COMPACTION		
SPS5_PMA_CONSTRUCTION		
SPS5_PMA_ROLLER		
SPS5_QC_MEASUREMENTS		
SPS5_RUT_LEVEL_UP		
SPS6_CRACK_SEAT_PCC	CN_SPS6.sql SPS6QC.bat (Runs PINIT6.exe SINIT6.exe SPS6_BC.exe SPS6_D.exe SPS6_E.exe)	
SPS6_DIAMOND_GRIND		
SPS6_LAYER		
SPS6_LAYER_THICKNESS		
SPS6_LOAD_TRANSFER		
SPS6_NOTES_AND_COMMENTS		
SPS6_OVERLAY		
SPS6_OVERLAY_LAYERS		
SPS6_PCC_CRACK_SEAL		
SPS6_PCC_FULL_DEPTH		
SPS6_PCC_JOINT_RESEAL		
SPS6_PCC_PART_DEPTH		

Table Name	CN, QC Programs	Export Date
SPS6_PMA_COMPACTION		
SPS6_PMA_CONSTRUCTION		
SPS6_PMA_ROLLER		
SPS6_QC_MEASUREMENTS		
SPS6_SAW_AND_SEAL		
SPS6_SUBDRAINAGE		
SPS6_TRANSFER_EFFICIENCY		
SPS6_UNDERSEALING		
SPS7_DELAMINATION	CN_SPS7.sql SPS7QC.bat (Runs PINIT7.exe SINIT7.exe SPS7_BC.exe SPS7_D.exe SPS7_E.exe)	
SPS7_LAYER		
SPS7_LAYER_THICKNESS		
SPS7_LOAD_TRANSFER		
SPS7_MILLING		
SPS7_NOTES_AND_COMMENTS		
SPS7_PCCO_JOINT_DATA		
SPS7_PCC_CRACK_SEAL		
SPS7_PCC_FULL_DEPTH		
SPS7_PCC_JOINT_RESEAL		
SPS7_PCC_OVERLAY		
SPS7_PCC_PART_DEPTH		
SPS7_QC_MEASUREMENTS		
SPS7_REFLECTIVE_CRACK		
SPS7_REMOVAL_CLEANING		

Table Name	CN, QC Programs	Export Date
SPS7_SUBDRAINAGE		
SPS7_TRANSFER_EFFICIENCY		
SPS7_UNDERSEALING		
SPS8_LAYER	CN_SPS8.sql SPS8QC.bat (Runs SINIT8.exe SPS8_BC.exe SPS8_D.exe SPS8_E.exe)	
SPS8_LAYER_THICKNESS		
SPS8_NOTES_AND_COMMENTS		
SPS8_PCC_FULL_DEPTH		
SPS8_PCC_JOINT_DATA		
SPS8_PCC_MIXTURE_DATA		
SPS8_PCC_PLACEMENT_DATA		
SPS8_PCC_PROFILE_DATA		
SPS8_PMA_AC_PROPERTIES		
SPS8_PMA_AGGREGATE_PROP		
SPS8_PMA_COMPACTION		
SPS8_PMA_CONSTRUCTION		
SPS8_PMA_DENSITY_PROFILE		
SPS8_PMA_MIXTURE_PROP		
SPS8_PMA_PLACEMENT_DATA		
SPS8_PMA_ROLLER		
SPS8_SUBGRADE_PREP		
SPS8_UNBOUND_AGG_BASE		
SPS9_LAYER	SPS9QC.bat (Runs SPS9.exe)	
SPS9_PMA_MIX_DES_PROP	SPS9QC.bat (Runs SPS9.exe)	

Table Name	CN, QC Programs	Export Date
SPS_CUT_FILL_LOCATIONS	SPSMISCQC.bat (Runs SPS_MISC.exe)	
SPS_GENERAL		
SPS_GPS_LINK		
SPS_ID		
SPS_INTERSECTIONS		
SPS_PROJECT_STATIONS		
TRF_BASIC_INFO	TRFQC.bat (Runs TRF_QC.exe)	
TRF_HIST_EST_ESAL		
TRF_MON_EST_ESAL		
TRF_MONITOR_AXLE_DISTRIB		
TRF_MONITOR_AXLE_SUMMARY		
TRF_MONITOR_BASIC_INFO		
TRF_MONITOR_VEHICLE_DISTRIB		
TST_AC01	CN_TST.sql TSTQC.bat (Runs TST_C.exe TST_D.exe TST_E.exe)	
TST_AC01_LAYER		
TST_AC02		
TST_AC03		
TST_AC04		
TST_AC05		
TST_AC_MOIST_DAMAGE		
TST_AE01		
TST_AE01S		
TST_AE02		

Table Name	CN, QC Programs	Export Date
TST_AE02S		
TST_AE03		
TST_AE04		
TST_AE05		
TST_AE06S		
TST_AG01		
TST_AG02		
TST_AG04		
TST_AG05		
TST_ASPHALT_CEMENT		
TST_CS01		
TST_CS02		
TST_FRESH_PCC		
TST_HOLE_LOG		
TST_ISD_MOIST		
TST_L05		
TST_L05A		
TST_L05B		
TST_L06		
TST_L07		
TST_PC01		
TST_PC02		
TST_PC03		

Table Name	CN, QC Programs	Export Date
TST_PC04		
TST_PC05		
TST_PC06		
TST_PC07		
TST_PC08		
TST_PC09		
TST_SAMPLE_LOG		
TST_SAMPLE_LOG_LAB		
TST_SAMPLE_LOG_SPS_3_4		
TST_SC01		
TST_SC02		
TST_SC03		
TST_SC04		
TST_SC05		
TST_SC06		
TST_SC07		
TST_SC08		
TST_SC09		
TST_SC10A		
TST_SC10B		
TST_SC11		
TST_SC12		
TST_SC13		

Table Name	CN, QC Programs	Export Date
TST_SS01_UG01_UG02		
TST_SS02_UG03		
TST_SS04_UG08		
TST_SS06		
TST_SS08		
TST_SS10		
TST_SS11		
TST_SS12		
TST_TB01		
TST_TB02		
TST_UG04_SS03		
TST_UG05_SS05		
TST_UG09		
TST_UG10_SS09		
TST_UNCOMP_BITUMINOUS		
TST_AC07_V2_CREEP_COMP_SUM	CN_P07V2.sql P07V2_QC.bat (Runs P07V2.exe)	
TST_AC07_V2_IDT_SUM		
TST_AC07_V2_MR_SUM		
TST_AC07_V2_SPECIMEN_INFO		
TST_UG07_SS07_A	CN_P46.sql P46_QC.bat (Runs P46.exe)	
TST_UG07_SS07_B		
TST_UG07_SS07_WKSHT_CYCLES		
TST_UG07_SS07_WKSHT_SUM		

Attachment 2

Tables not included in the June 26, 2001 upload.

Table Names	Related CN and QC Programs	
MON_DEFL_FLX_BAKCAL_BASIN	CN_FBAK.sql FBKCALQC.bat (Runs BKCALCQC.exe)	
MON_DEFL_FLX_BAKCAL_LAYER		
MON_DEFL_FLX_BAKCAL_POINT		
MON_DEFL_FLX_BAKCAL_SECT		
MON_DEFL_FLX_NMODEL_POINT		
MON_DEFL_FLX_NMODEL_SECT		
MON_DEFL_RGD_BAKCAL_BASIN	CN_RBAK.sql RBKCALQC.bat (Runs RGDBKQC.exe)	
MON_DEFL_RGD_BAKCAL_LAYER		
MON_DEFL_RGD_BAKCAL_POINT		
MON_DEFL_RGD_BAKCAL_SECT		
MON_DIS_JPCC_FAULT_SECT		
MON_T_PROF_INDEX_POINT		
MON_T_PROF_INDEX_SECTION		