



U.S. Department
Of Transportation

**Federal Highway
Administration**

Memorandum

6300 Georgetown Pike
McLean, Virginia 22101

Subject: **ACTION:** LTPP Directive TDP-43
Downloading Traffic Data from the Phase II
Weigh-in-Motion Installations

Date: March 20, 2007

From: Deborah Walker *Deborah Walker*
Long Term Pavement Performance Team

Reply to
Attn of: HRDI-13

To: Dr. Frank Meyer, PM - LTPP North Atlantic Regional Contract
Dr. Frank Meyer, PM - LTPP North Central Regional Contract
Mr. Mark Gardner, PM - LTPP Southern Regional Contract
Mr. Kevin Senn, PM - LTPP Western Regional Contract

Attached is the Long Term Pavement Performance (LTPP) Program Directive TDP-43. This directive addresses the process for downloading traffic data from the LTPP Specific Pavement Study test sites where new Weigh-in-Motion (WIM) equipment is installed by the Phase II traffic pooled-fund study contractor. Full implementation of this directive shall begin Tuesday, March 20, 2007. Please ensure that all personnel involved with the Traffic Program are aware of this new directive.

Should you have any questions or would like to discuss this directive, please do not hesitate to contact me at 202-493-3068.

Attachment

FHWA:HRDI-13:DWalker:mdeeney:493-3068:03/20/07

File: c:/mdeeney/directive/traffic/tdp43dir.doc

cc:

Gonzalo Rada
Debbie Walker
Directive Binder
LTPP Team
Official file
Chron

LONG-TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For the Technical Direction of the LTPP Program



Program Area:	Traffic	Directive Number:	TDP-43
Date:	March 20, 2007	Supersedes:	N/A
Subject:	<i>Downloading Traffic Data from the Phase II Weigh-in-Motion Installations</i>		

Purpose

The purpose of this directive is to provide instructions for downloading traffic data from the LTPP Specific Pavement Study test sites where new weigh-in-motion (WIM) equipment is installed by the Phase II traffic pooled-fund study contractor, International Road Dynamics (IRD), Inc.

Posting and Downloading Traffic Data

IRD will use their file transfer protocol (FTP) server to post the data. IRD will post the data at ftp://ftp.irdinc.com/receive_from_ird/LTPP/Reports. Data will be posted in the weekly and historical folders. The weekly folder will contain a directory for each region. Each directory will have the most recent Traffic Monitoring Guide (TMG) data files (by State and SPS test section) for the LTPP regional traffic coordinator to download. The weekly data files will be moved to the historical folder when a new week of data files are posted in the weekly folder. The historical folder will also contain the IRD binary files for each site. The previous two years of data for all WIM sites will remain in the historical folder for access.

IRD will post the weekly data by the close of business eastern standard time (EST) on the second business day each week for the previous week's data (Monday through Sunday). Thereafter, the LTPP regional traffic coordinator will perform the following two steps each week for the Phase II WIM installations:

- Step 1. Download the files from ftp://ftp.irdinc.com/receive_from_ird/LTPP/Reports within two business days of the data being posted (unless on travel).
 - ◆ Classification and Weight data files along with the Memo file will be posted each week for a site.
 - ◆ Classification and Weight data files will use the LTPP file naming convention.

- Step 2. Check to make sure the TMG data and Memo files are received.
 - ◆ TMG data files (for Classification and Weight) are to be loaded into the current version of the LTPP Traffic Analysis Software (LTAS).
 - ◆ Memo file reports relevant information about the site (such as stating if the data was reprocessed and why, reason(s) for any unusual changes in the data, and classification scheme used). This file will be provided each week even if there are no issues to report with the data.

Posting and Downloading Traffic Data (continued)

There may be occasions when IRD will have trouble communicating with a site to poll the data. If this happens, IRD will e-mail the regional traffic coordinator and project manager, and the FHWA traffic contact to inform them of the issue and which site is affected. After the issue is resolved, IRD will post the data in the weekly folder and e-mail the region and FHWA to let everyone know that the data is now available to download.

Reprocessing Data Files

IRD will post data files that require reprocessing using LTAS in the weekly folder. They will also provide an explanation for the reprocessing in the Memo file.

Purging Data Files

If the results from LTAS recommend purging certain data (for new or reprocessed files), the traffic coordinator will e-mail this list to IRD at LTPPSupport@irdinc.com and copy the FHWA traffic contact. IRD will let the coordinator know if the purge should be applied, or if other corrective actions are required.

Who to Contact for Help or Clarification

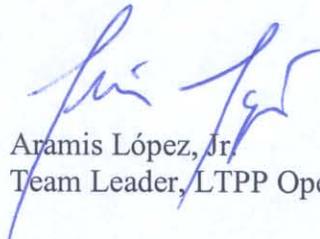
The traffic coordinator should immediately send an e-mail message to IRD at LTPPSupport@irdinc.com and copy the FHWA traffic contact if there are any problems downloading the data from IRD's FTP server, or if the coordinator has questions about the data files. IRD will provide a solution or explanation to all inquiries within two business days of the coordinator sending the message.

Questions or Issues

Questions concerning this directive should be addressed to the FHWA LTPP program office.

Prepared by: FHWA

Approved by:



Aramis López, Jr.
Team Leader, LTPP Operations