

LTPP InfoPave 2019 Release

January 2, 2019

Following is the list of enhancements available in the LTPP InfoPave 2019 release:

- The LTPP InfoPave website currently requires user login to access certain features such as data bucket submission, save filters, open filters, etc. Similarly, user login is required on different tools hosted under LTPP InfoPave before these tools are used. As part of this release, the user login requirement has been removed on all the features including tools from the LTPP InfoPave website.
- The global search functionality of the LTPP InfoPave website has been enhanced to show improved search results and sorting based on test sections available. Additionally, the top 10 most searched terms are displayed on the right panel of the search page.
- The LTPP data classification's find functionality has been enhanced to also highlight search results based on table and field names and their aliases. Additionally, the Visual Data Selection feature has been enhanced to show attributes' information on selection of data classifications.
- The Section and State Summary Reports have been enhanced to allow export of graph data to MS Excel format. The overall user interface of these data features has been improved. Also, up to 25 multiple test sections can now be compared.
- The user interface of the LTPP Section Mapping feature has been improved and the test section pins are now shown based on year included in the LTPP program.
- The section timeline feature has been improved to download data and images smoothly. Additionally, missing climatic data for some test sections has been updated.
- The LTPP Data Analysis Plan feature has been enhanced to allow PDF printing of all research reports and projects.
- The traffic data has been replaced with the new traffic trend data (TRF_TREND) and cracking measures with the MEPDG indices.
- The content of the reference library has been updated to reflect all the latest documents. The user interface is also modified to show the related documents and reports.
- The climatic tool has been enhanced to incorporate the downloadable options of .SHP and .KML file formats in the location tab and the Map tab has been removed.
- The LTPPBind Online feature has been enhanced to remove the AWS climate data source and incorporate the MERRA location option that allows the user to select MERRA cells associated with LTPP test sections. Additionally, the extra pavement temperature report is added.

- The Frequently Asked Questions have been reviewed and organized into two tabs (InfoPave and Data). The Data tab has four sub-categories such as Structure, Climate, Traffic, Performance, and Tools.
- MnROAD data, a new Non-LTPP dataset, has been added to the Non-LTPP hub. MnROAD is a pavement test track made up of various research materials and pavements owned and operated by the Minnesota Department of Transportation, working with its partner. The Non-LTPP hub has been reorganized to show MnROAD Data, Interstate Condition Sampling Data, and C-LTPP Data as the three primary Non-LTPP datasets. Other datasets are featured as secondary datasets below the primary datasets.
- The Data Extraction Service has been modified to make the extraction process work without user login.
- The LTPP InfoPave Notification Service has been enhanced to function without user login and conditionally notify the user if they provide their email address.