

# Roadsoft® Roundup

June 2019, Vol. 19, Issue 2



For Roadsoft help, visit  
the Roadsoft Manual at

<http://roadsoft.org/help>

## Roadsoft 2019 Framework/Data Migration Update

As most Roadsoft users know, the Michigan Transportation Asset Management Council (TAMC) relies heavily on Roadsoft as a tool for its annual statewide pavement condition data collection. Use of Roadsoft for this mandatory data collection allows TAMC to get standardized, high-quality data while ensuring that local agencies also have the data in a format that is useful to them.

Roadsoft relies on the Michigan geographic framework base map (MGF) to geographically locate transportation assets and crash data that are stored in the program. The MGF is a unified base map that allows all of the local agencies in the state to share data because it is based on the same location system.

The State of Michigan is constantly updating the MGF as new data become available. The time-consuming process of tracking every road in Michigan is a considerable effort at many levels, but it comes with a significant benefit given the number of public and private agencies that use the map. Periodically, new versions of the MGF are released for public use. Typically, these MGF updates are included in Roadsoft Spring releases to coincide with the start of the TAMC data collection “season” that usually starts around April 1st of each year.

However, the Michigan Department of Technology, Management and Budget (DTMB) and the Michigan Department of Transportation (MDOT), both of whom are responsible for the MGF, have embarked on a wholesale technology upgrade to the software and the process that delivers the MGF to data consumers like Roadsoft. The technology upgrade will lessen the burden of maintaining the MGF and allow the State to take advantage of several new technological advancements (see [Roadsoft Roundup Volume 18, Number 1](#) for more detail). The upgrades to the MGF process have delayed the release of MGF version 19.

Since the majority of local agencies are now in the middle of their TAMC data collection efforts for the summer, TAMC has decided that it is best for transportation agencies and regions to

continue to collect and submit data to TAMC using the current MGF version 17 for this collection year. That means for the time being there will not be an update to the MGF version used in Roadsoft. The Roadsoft MGF update and subsequent data migration will be completed after the conclusion of the 2019 TAMC data collection cycle to avoid any potential data migration issues between agencies and regions. For more detail on this topic, see [Roadsoft Roundup Volume 19, Number 1](#).

## Download and Install Roadsoft 2019.6 & Roadsoft LDC 2019.6

Roadsoft and Roadsoft LDC 2019.6 are now available for download. Local agencies should be running matching versions of Roadsoft and Roadsoft LDC. Before updating either Roadsoft or the LDC, it's recommended that users first complete the data collection cycle by exporting data from all LDC instances and importing it into Roadsoft. The [TAMC Data Collection Manual](#) has more information on this process. Once all the data from all LDC instances are imported, the agency should then perform a backup of their Roadsoft data. At this point it's then recommended to perform the software update and install Roadsoft and Roadsoft LDC 2019.6.

Roadsoft 2019.6 can be downloaded at <http://roadsoft.org/downloads>

Roadsoft LDC 2019.6 can be downloaded at <http://roadsoft.org/downloads/laptop-data-collector>

## 2018 Crash Data Available with Roadsoft 2019.6

Crash data for 2018 is available for import as part of the Roadsoft version 2019.6 update. The new data import contains information on crashes in 2018, as well as updates to crash data from the last three years (2015-2017). Roadsoft crash data is provided by the Michigan Department of Transportation (MDOT).

The Center for Technology & Training at Michigan Technological University publishes Roadsoft Roundup four times a year. To obtain permission to reprint any articles or graphics from Roadsoft Roundup, or to subscribe, please contact the CTT.

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Due to the updates being made to existing crash data that agencies may have previously imported, agencies will need to re-import crash data in order to use the Crash Module in Roadsoft after updating to version 2019.6. The available data range includes 2009 to 2018, and agencies can choose which years to import into Roadsoft. To import new crash data, select the crash layer, and follow the on-screen prompts. To update existing crash data, right-click on the crash layer, then select "Import Additional Crash Data" from the menu that appears, and follow the on-screen prompts.

## Roadsoft Mobile 2019.5 Update

Roadsoft Mobile for road, sign, culvert, and sidewalk management activities, combined with Roadsoft desktop software, provides Roadsoft users a powerful set of tools to enable management on the go. Thanks to the flexibility of mobile devices, Roadsoft Mobile is especially useful for recording and updating asset data while on-site or traveling.

Roadsoft Mobile 2019.5 includes a new module: the Road Module. Mobile's Road Module works much like the Road Module in the LDC. It can be used to update information about road segments, curbs, gutters, and shoulders. The Road Module can also be used to rate roads using either the PASER or IBR ratings.

Please keep in mind that all modules in Mobile work best when dealing with a file that uses filtered groups of assets from desktop Roadsoft instead of loading all the assets from a module. Too many assets in a file greatly increases the amount of processing power your device uses and can create long load times and other issues. This is especially important for larger agencies or regions.

## Download Roadsoft Mobile

The Roadsoft Mobile application is available at no cost for both iOS (located in the [App Store](#)) and Android (located in the [Google Play Store](#)). A list of app features is available on each of the Store pages, as well as at <https://roadsoft.org/laptop-data-collector-ldc-roadsoft-mobile>.

## Windows 7 End of Service Life Reminder

As previously announced, Microsoft is ending their support for

Windows 7 and will no longer provide security updates after January 14, 2020. In response to this announcement, the CTT will also no longer support or allow new software installations on PCs running Windows 7 starting January, 2020.

More information is available on the Roadsoft website at <http://roadsoft.org/windows-7-end-service-life>.

Agencies that need assistance should contact Roadsoft technical support at [roadsoft@mtu.edu](mailto:roadsoft@mtu.edu).

## Reminder - Roadsoft Support for SQL Server 2008 & 2008R2 Ended

As previously announced, Microsoft is ending their extended support for SQL Server 2008, SQL Server 2008R2, and SQL Express 2008 in July, 2019. In response, the CTT ended Roadsoft and MERL support for all SQL 2008 products as of January 1, 2019. The 2019.3 and later releases of Roadsoft will prompt customers to update if they connect to SQL Server 2008 products, and future Roadsoft releases will not allow connections to any of the SQL Server 2008 products. More information is available on the Roadsoft website at <https://roadsoft.org/roadsoft-support-sql-server-2008-and-2008r2-ending>.

## Update SQL Server

The CTT has information and software available to assist agencies with updating their SQL server software. These software updates are required for both Roadsoft and MERL users.

[Click Here](#) for instructions on updating the SQL server software to a newer version.

The CTT has three SQL Express installers available for download. The SQL Express 2014 32-bit installer should be used by agencies that are running a 32-bit version of Windows. There is also an SQL Express 2014 64-bit installer available if customers experience trouble with installing the 2017 version of the software. The SQL Express 2017 installer should be used by agencies running a 64-bit version of Windows 8.1 or newer. All versions of the installer can be found at: <http://roadsoft.org/downloads/sql-downloads>.

Agencies that need assistance with upgrading and moving their database should contact technical support at [roadsoft@mtu.edu](mailto:roadsoft@mtu.edu).

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## RUCUS 2020

### Roadsoft User Conference of the United States

Thursday, January 9th • 8 a.m. - 4:30 p.m. • DoubleTree Hotel, Bay City  
Wednesday, January 8th • Hands-On Introduction or Advanced Roadsoft Training



**MARK YOUR CALENDARS!**

 **Roadsoft**  **Center for  
Technology & Training**

Have an idea for a topic? Interested in presenting? Know someone else willing to present?  
Visit [ctt.mtu.edu/rucus](http://ctt.mtu.edu/rucus) to suggest a topic or speaker.

## Upcoming Training

**What's New in Roadsoft Version 2019.3 &  
Roadsoft User Group (RUG) Meeting**  
April 3, 2019

<http://ctt.nonprofitsoapbox.com/roadsoft/event/841>

**Special Topics in Roadsoft: New Traffic Signal  
Module**

April 10, 2019

<http://ctt.nonprofitsoapbox.com/roadsoft/event/845>

**2019 Roadsoft on the Road**  
April 15-19, 2019

<http://ctt.nonprofitsoapbox.com/roadsoft/event/842>

*Roadsoft on the Road is a customized,  
on-site session. Availability is limited  
based on responding agencies.*

Questions? Email [ctt@mtu.edu](mailto:ctt@mtu.edu)

Visit <http://ctt.nonprofitsoapbox.com/upcoming-events> to see all upcoming CTT training events.