

Roadsoft® Roundup



For Roadsoft help, visit the Roadsoft Manual at <https://roadsoft.org/help>

Reminder of Roadsoft Data Sharing Options

Roadsoft developers with the Center for Technology & Training (CTT) have worked and partnered with the Michigan Department of Transportation (MDOT), the Michigan Department of Management and Budget (DTMB), the Center for Shared Solutions (CSS), and the Transportation Asset Management Council (TAMC) over the years to add features, enhancements, and improve program functionality. These partnerships, coupled with input from Roadsoft clients, have been instrumental in guiding the development of the program. These partnerships have also allowed for the standardization of data collection and storage within the program. This data standardization provides opportunities for local agencies to share data with TAMC, as well as to supplement their data with data that can be downloaded from MDOT.

Roadsoft currently has data sharing capabilities to allow agencies to share culvert inventory and inspection data with TAMC, as well as the ability to export and import Model Inventory of Roadway Elements - Fundamental Data Elements (MIRE FDE) roadway and intersection data with MDOT.

Submit Culvert Data from Roadsoft

Under the TAMC menu, select **Submit Culvert Inventory/Inspections to TAMC**. A TAMC Culvert Submission window



Sharing culvert data from Roadsoft is as easy as selecting **Submit Culvert Inventory/Inspections to TAMC** from the TAMC menu.

will appear with tabs showing a list of culverts to be uploaded, culverts with missing data, and potential duplicate culverts.

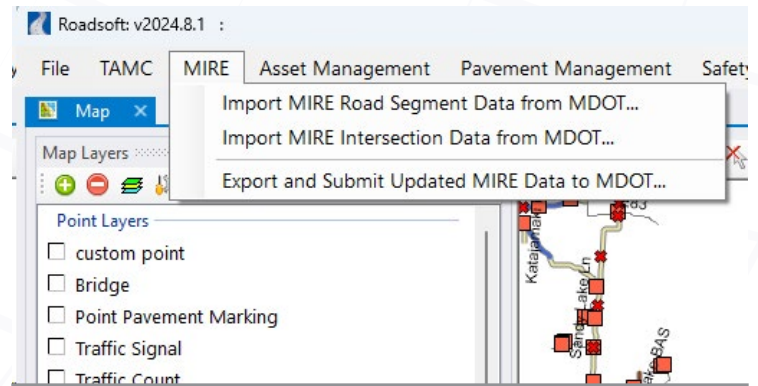
It is possible to make a selection and zoom to Culverts listed on the Culverts Missing Data and Culverts Possibly Duplicated tabs to review, edit, and/or delete data if need be.

More information about sharing Roadsoft culvert data can be found in the Roadsoft Roundup Volume 23 Issue 2 - <https://roadsoft.org/sites/roadsoft.org/files/roundups/roundupv23n2.pdf>.

Using Roadsoft MIRE FDE Tools

Agencies have access to tools and limited MIRE FDE data in Roadsoft. Roadsoft provides agencies with the ability to import MDOT MIRE FDE data that they do not have. The MIRE FDE Roadsoft tools allow agencies to compare and edit the data and export any changes for submittal to MDOT. *It is important to note that some agencies may not find any MIRE FDE data, as the MIRE FDE collection process is not expected to be complete until September of 2026.*

In Roadsoft, under the **MIRE** drop down menu, there are three options. The first option, **Import MIRE Road Segment Data**



Agencies can access the MIRE tools under the MIRE menu.

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from MDOT, allows agencies to apply MDOT road data to their own database. The second option, **Import MIRE Intersection Data from MDOT**, allows agencies to apply MDOT intersection data to their database (when available). Upon selecting the first and second options to Apply MDOT MIRE data, another window will appear that allows agencies to review and apply the MDOT MIRE data. The fields on the left list the MIRE FDEs that agencies can compare. To the right of the MIRE FDE fields there are two options; filter the data by either **Local Undefined**, or **Local Different from MDOT**. Each listed item within each of the different MIRE FDEs can be selected or unselected. Right-clicking on the table will bring up a menu that allows agencies to either **Zoom to the Highlighted Segment** on the map, **Select the Highlighted Segment** on the map, **Check All Items** in the list, or **Uncheck All Items** in the list. Local agencies will then be able to apply the data by selecting the **Apply MDOT MIRE Data to Local Data** button. It is important to emphasize that the process of integrating the MDOT MIRE FDE data is not currently automated and requires the agency to go through the steps to apply the data.

The third option under the **MIRE** menu, **Export and Submit Updated MDOT MIRE Data**, allows agencies to submit their data updates to MDOT. A window will appear that allows the user to select either **Road Segment Data** or **Intersection Data**, the year, and the location of the export file. Clicking the **Export** button will create a zipped ESRI Geodatabase file that can be sent to MDOT. The exports should be submitted to MDOT-MIRE-FDE@michigan.gov

More information about using the MIRE-FDE tools in Roadsoft can be found in the Roadsoft Roundup Volume 21 Issue 4 - <https://roadsoft.org/sites/roadsoft.org/files/roundups/roundupv21n4.pdf>.

CTT Ending Support for SQL Server 2014

This is a reminder that Microsoft recently announced that SQL Server 2014 has reached the end of its extended support lifecycle and it will not be supported after July 9, 2024.

In response to Microsoft's announcement, the CTT will be ending our support of SQL Server 2014 for Roadsoft and MERL in

December, 2024. Roadsoft and MERL will provide a reminder during login to those agencies connecting to SQL Server 2014 instances about the upcoming end of support.

Starting with the 2024.12 release of Roadsoft and MERL, agencies will no longer be able to connect to an SQL Server 2014 instance.

Supported Versions

The CTT will continue to support SQL Server versions 2016, 2017, 2019, and 2022. We recommend that agencies in need of an update use SQL Server 2022 to maximize the available life span of the product and reduce the frequency of future SQL server updates. We also recommend that agencies install our version of SQL Express, even if they have their own standalone SQL server license. Installing our SQL Express instance is straightforward and makes it easier to create and restore Roadsoft backups and create new databases.

SQL Express installers are available at <https://roadsoft.org/downloads/sql-downloads>. There is online help documentation available on upgrading your SQL Server in the Roadsoft Manual at [Update SQL Server Express](#).

Help documentation for locating the current SQL Server version is available at [Locate SQL Server Version](#).

For questions or assistance with determining the SQL Server version, or with updating SQL Server, email roadsoft@mtu.edu.

Microsoft Ending Support for Windows 10

Microsoft also announced that they will be ending support for Windows 10 by October, 2025. However, they will continue to provide security updates until October, 2028. The CTT will continue to support Windows 10 as long as Microsoft is providing security updates.

Although this end of support for Windows 10 by the CTT is over four years down the road, agencies should keep this in mind when shopping or upgrading existing computers to ensure Windows 11 is either installed, or the computer being upgraded is compatible with Windows 11. Depending on the age and specifications of computers running Windows 10, hardware upgrades or computer replacement may be required to upgrade to Windows 11.

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Microsoft Windows 11 system requirements, along with an explanation of upgrade options, can be found at <https://support.microsoft.com/en-us/windows/windows-11-system-requirements-86c11283-ea52-4782-9efd-7674389a7ba3>.

Roadsoft system requirements can be found at <https://roadsoft.org/about/system-requirements>. Contact Roadsoft technical support at roadsoft@mtu.edu for more information.

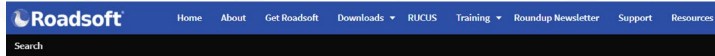
Roadsoft On the Road/Tech Assist Tuesdays

The Center for Technology & Training (CTT) offers Roadsoft technical assistance sessions both in person and virtually.

Roadsoft On The Road is a customized in-person technical assistance session. You provide a list of topics, questions, or concerns, and CTT staff will schedule a time to visit to work through your list, using your data, on your system.

If you're not able to meet in person, the CTT also offers online technical assistance with our virtual *Tech Assist Tuesday* sessions. Sessions are available on Tuesdays with one-hour slots at 9, 10, and 11 a.m. Depending on the topic or issue you're having, the entire three hours may be assigned to your agency. If another day or time would work better, we'll find a time that fits your schedule.

Visit <https://www.roadsofttechassistrequestform.org/forms/roadsoft-tech-assist-request> to request a *Roadsoft On The Road* or *Tech Assist Tuesday* session.



Roadsoft Technical Assistance Request

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First Name *

Last Name *
Organization *
Email Address *

Upcoming Roadsoft Training

2024 Intro to Roadsoft: Just the Basics
Tuesday & Wednesday, October 1 & 2, 2024

<https://ctt.secure.nonprofitsoapbox.com/2024rsintro-oct>

2024 Roadsoft Special Topics: Database Management

Wednesday, October 16, 2024

<https://ctt.secure.nonprofitsoapbox.com/2024fallspecialtopics-dbmanagement-oct>

2024 Meeting the TAMC Investment Reporting Requirements

Tuesday, October 17, 2024

<https://ctt.secure.nonprofitsoapbox.com/2024tamcirt-oct>

2024 Roadsoft Pavement Management Topics 3-Part Mini-Series

Thursdays - Oct 24 - Nov 7, 2024

<https://ctt.secure.nonprofitsoapbox.com/2024rs-pavementminiseries-fall>

2024 Roadsoft Special Topics: Filter & Legend Builders

Wednesday, November 6, 2024

<https://ctt.secure.nonprofitsoapbox.com/2024fallspecialtopics-filterlegendbuilder-nov>

2024 Roadsoft Special Topics: Tips & Tricks

Tuesday, December 10, 2024

<https://ctt.secure.nonprofitsoapbox.com/2024fallspecialtopics-tipstricks-dec>

Visit <https://roadsoft.org/training> to see all upcoming Roadsoft training events.

The CTT Continuing Education policy can be viewed at <https://ctt.mtu.edu/ContinuingEducation>