



For Roadsoft help, visit  
the Roadsoft Manual at

<http://roadsoft.org/help>

## Participating in the Roadsoft Conversation

The Center for Technology & Training (CTT) values every opportunity to work directly with our customers. In addition to providing our customers with quality technical support, we believe that networking can give our customers even more Roadsoft insight. Whether it's Roadsoft User Group (RUG) or the first Roadsoft User Conference of the United States (RUCUS), the CTT encourages our customers to stay up to date and participate in the Roadsoft conversation.

### Roadsoft User Group Discusses 2017 Work Plan

The latest RUG meeting, held on August 5, 2016, covered the 2016 Roadsoft work plan progress and discussed possible development options for the 2017 work plan. Following the meeting, Roadsoft customers received an anonymous survey by email providing them an opportunity to voice their opinion on the proposed development ideas for 2017.

During the online discussion, Gary Schlaff, senior project manager, provided an outline of the progress made on the 2016 work plan. Highlights from the discussion include:

- Continued development of Roadsoft Mobile – Culvert Work Orders, Maintenance, & Inspections
- Completion of the Driveway Module conversion
- Completion of the Crash Module conversion
- Preliminary work on the Sidewalk Module conversion
- Preliminary work on a new module – Catch Basin/Storm Water
- Release of the import feature for the Non Trunkline Federal Aid Road (NTFA) Traffic Counts
- Development of a new feature – Base map Framework Correction Tool
- Continued map improvements development – performance and usability
- Release of the Inventory-based Rating™ system for unpaved roads

- Continued Pavement Management conversion

Senior Software Programmer Mike Pionke elaborated on the progress to date of the Pavement Management conversion for the 2016 work plan. In addition to completing the code necessary for the conversion of existing strategies from the old tool to the new tool, other changes in Pavement Management like the main interface and the strategy design form are also in progress and some components are nearly completed.

Principal Programmer Nick Koszykowski led the group through the discussion for the Roadsoft 2017 work plan. Nick reported that there are three remaining Roadsoft modules/features to be converted in Roadsoft: Traffic Signal Module, Intersection Module, and the TAMC Export/Import & Transfer feature. Module conversions, include a change from outdated code language to a modern language. These updates are necessary to ensure long-term viability for the Roadsoft code base, in addition to allowing for performance enhancements and interoperability functions. The results of the survey for the conversion of the remaining modules resulted in 57% in favor of the TAMC Import/Export conversion, 11% in favor of the Traffic Signal Module conversion, 5% in favor of the Intersection Module conversion, and 27% with no preference.

The CTT will discuss the inclusion of the planning and design phase of TAMC Import/Export, Traffic Signal, and Intersection in the 2017 work plan; however, the survey results will help us gauge the order of importance.

During the meeting, participants were free to comment on any of the future Roadsoft development suggestions introduced by the CTT or to provide suggestions based on their needs. New suggestions ranged from having Bicycle Facility tracking and including road data collection in Roadsoft for mobile, to ensuring compliance with the Fixing America's Surface Transportation Act (FAST Act) that was signed into law by President Obama on December 4, 2015. Suggestions from

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previous RUG meetings that did not make the 2016 work plan, like developing a generic point module, were also discussed.

The CTT arrived at a list of seven development items that were included in the survey from the customer suggestions received during the RUG meeting and throughout the year. Not all suggestions made the list.

The list of seven development items helped us gauge what our Roadsoft customers feel is of high priority for 2017 Roadsoft development:

- Traffic Count Module Expansion (new fields, such as user defined, peak hours, and status)
- Subset – custom jurisdiction (example: airport)
- Map buffer zone – capture boundary roads in adjoining jurisdictions
- Bicycle facility tracking
- Generic point module
- Sign inventory (stock/materials) tracking
- FAST Act requirement compliance (formulas/datasets for crash rates)

The figure represents the seven development items as ranked by survey respondents. Based on the survey results, the CTT will discuss an expansion of the Traffic Count Module in the 2016 work plan. Other tasks, based on the survey, which will be up for 2017 work plan discussion, are: FAST Act compliance features, sign materials inventory tracking, and a map buffer zone for capturing boundary roads in adjoining jurisdictions. Other remaining items were ranked as lower priorities and may not be included into the 2017 work plan, but they will be reserved for future work plan discussions.

Roadsoft for mobile devices was released in March of 2015. Roadsoft Mobile is available for Android and iOS platforms. The mobile application features include sign management for work orders, inspections, and maintenance. Roadsoft Mobile is currently in development to include culvert management for work orders, inspections, and maintenance for release by the end of 2016.

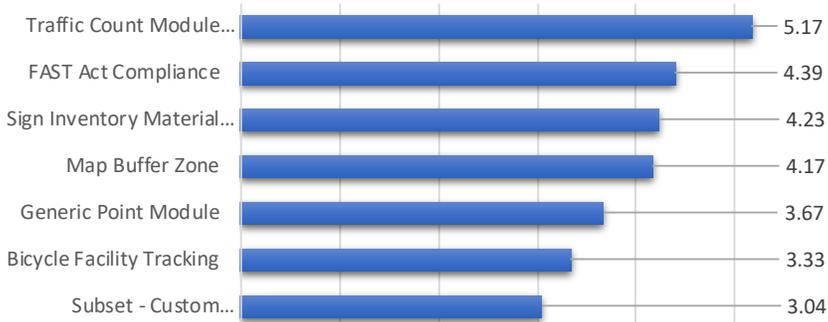
The CTT plans to continue the development of more features into our mobile application in 2017. During the RUG meeting, three ideas for mobile development were discussed and included in the survey. The mobile development ideas are: added support for the collection of new sign supports and new culverts, road data collection features, and a project builder component for the creation of new projects within the mobile application (and the LDC).

The results of the survey for mobile development ideas resulted in 48% in favor of road data collection, 36% in favor of adding support for the collection of new sign supports and culverts, and 16% in favor of having a project builder feature. The CTT will discuss the inclusion of new sign support and culvert capture, road data collection, and a project builder component for our mobile application in the 2017 work plan; however, based on the survey results, the CTT will give priority to the road data collection suggestion.

There were 19 additional comments and suggestions made by respondents. We

## 2017 Roadsoft Development Ideas Ranked in Order of Importance

Rating  
Score



**Rating Score is listed from highest rating to lowest rating.**  
The rating score value is a calculation of weighted rank responses divided by the total number of responses.

*Calculated score for question number two on the Roadsoft User Group Meeting - 2017 Work Plan Survey*

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appreciate both the candid feedback as well as the positive reinforcement. It's rewarding to us to hear comments like, "thanks for all your work. You're doing great" and "I like the developments you are doing". We always strive to meet or even exceed our customer's expectations. We also find it equally valuable to know when we haven't quite reached the mark.

There were a few comments regarding Roadsoft features and opportunities that are either already in place or are on the 2016 work plan, so we feel it's important to share the comments with our newsletter subscribers for clarification.

## Available now:

**"Is iPhone app coming soon?"** – Roadsoft Mobile (Android & iOS) is available for sign work orders, maintenance, and inspections. The mobile app is best experienced on tablets such as the iPad or Samsung Galaxy Tab. Development for Culvert work orders, maintenance, inspections, and stream crossing surveys is coming soon.

**"...It would save me a lot of time to be able to download the UD-10s from the Crash Module"** – UD10 reports are accessible (and printable) from the Crash Module and through the SMS Interface. See [View UD-10 Reports and Print or Save UD-10 Reports](#) for help with this feature.

**"Working together with the county road commission."** – Our customers are our number one priority, and we pride ourselves on providing exceptional technical assistance and support to our customers. Our support staff is a phone call or email away, and we will also come to directly to our customers! We offer our TechAssist/Roadsoft on the Road program multiple times a year in Michigan. We are happy to do site visits at road commissions, villages, townships, cities, and so forth. Watch our [Upcoming Events](#) list for these opportunities.

**"Work closely with TAMC, Governor's Infrastructure Committee, and MDOT."** – The CTT actively participates in all the TAMC meetings and attended the 21st Century Infrastructure Commission town hall meeting last month in Marquette, Michigan. The CTT engages with the Michigan Transportation Asset Management Council (TAMC), Michigan Department of Transportation (MDOT), and now the Governor's Infrastructure Committee, so we are able to

anticipate changes necessary for Roadsoft.

## In progress:

**"Ability to directly upload framework changes to the state from Roadsoft"** – Development is in progress in Roadsoft and the LDC to include a process in which agencies can create, manage, and submit framework map changes requests to the Center for Shared Solutions (CSS).

The CTT extends its thanks to everyone who participated in the meeting and the survey.

## The First Roadsoft User Conference of the United States

Have you heard the RUCUS? On November 1st in Lansing, Michigan the CTT will host the first ever RUCUS, Roadsoft User Conference of the United States.

Attendees can expect to learn about Roadsoft features from the experts, hear about Roadsoft use cases from peers, and have plenty of networking opportunities. From basic Roadsoft principles to more robust features, RUCUS has something for attendees of all experience levels. From the sign shop crews handling work orders to county engineers maintaining Roadsoft data and transportation planners using Roadsoft data for acquiring additional project funding. RUCUS is an opportunity to learn how other Roadsoft customers get the most out of the software suite, and to get your toughest questions answered. In addition, RUCUS will allow attendees to experience unreleased features and to have one-on-one training and technical support.

[Register now](#) to meet Roadsoft staff, network with peers, and get Roadsoft questions answered.

Join the RUCUS!

2016 **RUCUS** Learning  
Roadsoft User Conference of the United States Networking  
Support