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-Nick Koszykowski
Roadsoft Sofware Engineer

A Redesigned Road Module

Roadsoft users can look forward to a completely overhauled Road module with the upcoming release of Roadsoft Version 7.6. The module's redesign is being headed by Nick Koszykowski, a software engineer with 18 years of experience in software design. The features and user-interface changes reveal an easier to use, more comprehensive Road module that will allow users to better track and edit their road network data.
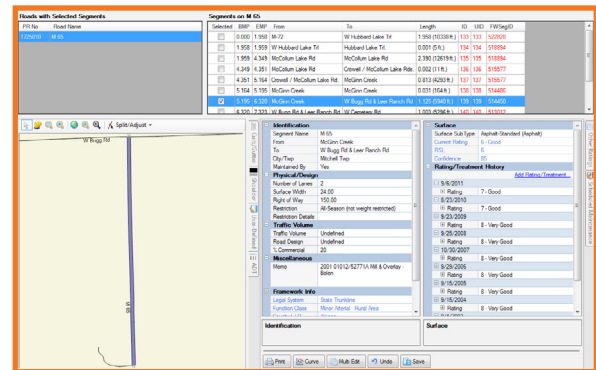
New features

The Road module's *Traveler* feature, which provided users with a 3-line representation of a selected PR, has been replaced by a *Mini-Map* of the segments on the PR. Within the *Mini-Map* window, users can split segments, adjust split points, and delete user-added splits directly.

In previous versions of Roadsoft, selecting a road segment on the map defaulted to the smallest segment on a road. With the addition of a *Road Map Selection* menu, users will be able to choose how they make segment selections when working in the *Road* layer. Users can select road segments by various criteria listed in the menu including: *Road Segment, Framework Segment, PR, NFC, Act 51, Surface Type,* or *Lanes.*

Improved features

"The interface has been simplified and standardized," says Koszykowski. "It has been redesigned to have a common look and feel consistent with the Sign and Culvert modules." In addition, the collapsible and dockable windows that are featured in other modules have been incorporated into the *Road* module.

"One of the best parts of the redesign is the addition of the *Multi-Edit* menu to the Roadsoft map," says Koszykowski. Multiple segments can now be edited by either right-clicking on the Roadsoft map and selecting the *Multi-Edit* menu, or by using the *Multi-Edit* button in the Road module window.

The new Road module

Mass edits can now be made quickly through the improved *Multi-Edit* form. "Users will have the capability to edit attribute data for all selected segments on all of a road network's PRs, or for all selected segments on a single PR," explained Koszykowski.

Version 7.6 will provide even more flexibility by allowing users to edit road names in their road network. Two grids at the top of the *Road* module window display PR numbers and their road names along with the road segments located on the PRs. Users can simply right-click a PR in the grid to edit the default name.

The Road module has been further improved by combining *Rating and Treatment History* into a single chronological history for a road segment, eliminating the archiving of history due to a surface type change or reconstruction. Additionally, the Base, Drain, and Ride ratings have been separated from the *Rating History/Construction History* tab to create the *Other Ratings* tab. Also, *Scheduled Maintenance* for a segment can now be entered for more than one specific date. Previously, only one *Scheduled Maintenance* for a segment could be scheduled at a time, according to year.

Roadsoft Version 7.6 along with Framework Version 12 will be available in spring of 2013.