Applied Research Associates

Release Notes

Build 2.5.3

October 16ᵗʰ, 2018

Contents

1 Introduction

This document describes the resolved and closed issues as well as the features present in the v2.5.3 release of AASHTOWare Pavement ME Design released on October 16th, 2018.

2 Updates and changes

2.1 Database Fixes

- Changed the IDT property browsable field logic to handle project null reference for the first-most asphalt layer when selecting layer data from a database.
- Application no longer encounters errors when selecting flexible layers from the database
- Layer selection and library material data now match display names correctly. Both now also are assigned the correct property grid data.
- Error related to binder properties was not properly dismissed after user correction. The error is now correctly dismissed after correction by the user.
- Layer material names were not being displayed correctly in the database material view. This has been corrected.
- Removed database update logic from the source code out to a more appropriate update script.

2.2 Analysis

- Corrected an error in the faulting module affecting bonded overlays that only allowed design periods of 20 years or less. Bonded overlay designs can again run up to 100 years.
- Corrected an error message for steel depth in the SI version. The validation check now properly converts to SI units.

2.3 Sensitivity

- No longer crashes when inputting data into the sensitivity data grid.

2.4 General Fixes and Updates

- Local calibration factors no longer reset to the global defaults upon opening the application.
  - Note that if users had altered the global calibration files, the program was defaulting back to their modified global calibration coefficients.
- Crack spacing prediction model in CRCP designs is now properly utilized according to user selection.
- Traffic axle load now use the appropriate event for processing updates to the grid. This has improved load time.

3 Upcoming in v2.5.4

3.1 Performance Updates

- We are aware of performance issues associated with the EICM and APADS and are investigating those issues.

4 Feature Requests

Feature requests can be made to Pavementmedesign@ara.com or to task force members. Requests can also be filed through the Pavement ME Design web portal at www.me-design.com.

5 Upgrading

To upgrade to the newest version of the software, users will need to uninstall the current version and then reinstall the new version of the software on their machines. They will be required to input their updated or new license code (and license URL for site license users) after the program is installed and opened. The new version of the software can be downloaded at http://www.me-design.com.

6 Contact information

If you have any questions regarding these release notes, or regarding the ME Design software, please contact the ME Design Support Team at:

The ME Design Support Team
Email: pavementmedesign@ara.com
Phone: 1-877-500-3496 or 217-356-4500
Monday through Friday
8:00am – 5:00pm CST