

PennDOT e-Notification

Bureau of Business Solutions and Services
Highway/Engineering Applications Division



EngAsst

No. 004

August 8, 2011

Release of Version 2.4.0.0

PennDOT's Engineering Assistant (ENGASST) program has been revised as described on the attached Version 2.4.0.0 Summary of Revisions.

Consultants and others, who have a current license for **ENGASST Version 2.1.x.x or earlier**, can download Version 2.4.0.0 **free** of charge from the PennDOT Engineering Software Support website, <http://penndot.engrprograms.com>. Installation instructions are provided at the website.

If you prefer to have the update shipped on a CD, please submit an Update Request form along with a check for the update fee of **\$50**. The Software Update Request form can be obtained on our support website by clicking on "Ordering/Updating" and, then on "Update Form".

Please direct any questions concerning the above to:

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Attachment

Archived copies of all previously distributed e-Notifications can be obtained from the PennDOT LRFD and Engineering Programs website at <http://penndot.engrprograms.com/home> and clicking on "e-Notification" and then "Mailing List Archives."

SUMMARY OF APRIL 2011 REVISIONS - VERSION 2.4.0.0

Since the release of EngAsst Version 2.3.0.0 several revision requests and user requested enhancements have been received. This release of EngAsst Version 2.4.0.0 contains the following revisions and enhancements:

Programming Revisions

1. The program has been revised to use Microsoft's .NET platform, using Visual Studio 2005 (Requests 258, 283, 284, 285, 286, 287, 288).
2. Information entered on tabs that are subsequently rendered disabled because of other program input will no longer be saved in the input files generated by EngAsst (Request 270).
3. A printing problem that occurred when a file without manual page breaks was exactly six pages long was resolved with the conversion to the new method of printing in the .NET version of EngAsst (Request 273).
4. EngAsst will now look for a REPORT.INI file in the engineering program config directory before looking in the EngAsst installation directory. This will allow for the creation of program-specific REPORT.INI files for programs that still use the traditional program output form (Request 282).
5. If any of the text output files are held open by some other program or process, EngAsst will show a dialog stating this and will not run the engineering program (Request 295).

User Interface Revisions

6. The Field Documentation information is now presented in a pane on the right-hand side of the window, rather than appearing in a separate window that must be opened by the user (Request 119).
7. A situation where extra decimal points were being added to an editmask field by tabbing in and out has been resolved (Request 264).
8. The directory that is shown when opening a file will not be modified when a new engineering program is registered, but it will be changed when EngAsst is opened from a command line or through a context menu (Request 266).
9. EngAsst has been enhanced to open PDF output from the engineering programs, when available. Users can also disable this option via an entry on the Edit menu (Request 280).

User's Guide Revisions

10. The Bureau, Division and Section name of the PennDOT organization responsible for EngAsst has been updated (Request 274).