

BRADD

No. 059

November 9, 2022

BRADD v3.2.7.1 Patch Available

Since the release of BRADD v3.2.7.0, two operational issues have been reported and resolved as described on the Summary of Revisions included with this e-Notification.

These issues have been addressed in BRADD v3.2.7.1 which can be downloaded for free as a patch from the BRADD website by all users with a current license for BRADD v3.2.7.0.

Downloading and Installing BRADD Version 3.2.7.1 Patch for Existing Licensees:

1. Close any existing instances of the BRADD program.
2. To download the patch, go to the Downloads page on the BRADD website at <http://bradd.engrprograms.com> and select to download the BRADD version 3.2.7.1 Update (BRADD v3.2.7.1 Update Install.exe).
3. Enter your License Number, License Key and Company Name for BRADD v3.2.7.0 and your name and e-mail address.
4. Save the file on the computer with BRADD v3.2.7.0 installed.
5. Run the update executable to uninstall BRADD v3.2.7.0.
6. Run the update executable again to install BRADD v3.2.7.1.

Installing BRADD Version 3.2.7.1 Patch for PennDOT:

CADD Support will update PennDOT's CADD workstations.

Please direct any questions concerning the above to:

BRADD Manager

PA Department of Transportation | PennDOT Bridge Office

400 North Street – 7th Floor | Harrisburg, PA 17120-0094

Phone: 717-425-2984 | E-mail: RA-PDBRADDMANAGER@pa.gov

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

SUMMARY OF NOVEMBER 2022 REVISIONS – VERSION 3.2.7.1

Since the release of BRADD Version 3.2.7.0, two minor operational issues have been reported concerning the PSLRFD input.

1. For adjacent box bridges with draped or debonded strands, on the PSLRFD Tendon Location (TND) command, the tendon longitudinal locations were filled in with zeros instead of being left blank. Because of this, PSLRFD was returning "Cannot find a successful strand pattern". BRADD has been revised to leave the unused tendon longitudinal locations blank. (TFS 5805, TFS 5814)
2. For prestressed beam bridges which are redesigned to use a new dap depth, the strand locations in the first design run with the new dap depth were not being adjusted for the new dap depth. The strand locations for the later design and analysis runs were correctly adjusted. BRADD has been revised to set the strand locations on the first design run correctly. (TFS 5808)