

Bureau of Project Delivery Bridge Design and Technology Division

BRADD

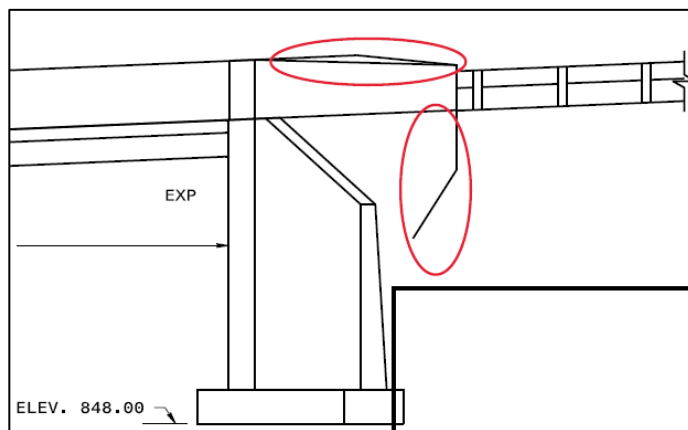
No. 054
June 7, 2021

BRADD v3.2.6.1 Patch Available

Since the release of BRADD v3.2.6.0, five operational issues have been reported.

Problem Statement:

1. BRADD v3.2.6.0 cannot generate drawings using Bentley's Open Roads Designer CONNECT Edition software.
2. BRADD v3.2.6.0 uses a MicroStation Working Units Resolution of 1: 12,000 and PennDOT recently changed to a Working Units Resolution of 1: 10,000.
3. The P2016-13 vehicle was not properly implemented in BRADD v3.2.6.0. For prestress beams, the PSLRFD program analysis runs will not use the proper live load code that includes the P2016-13 vehicle, and if the prestress or steel beams are designed using the P2016-13 vehicle, then the P2016-13 vehicle will not appear in the rating table shown on the drawings.
4. For certain bridges, BRADD v3.2.6.0 does not draw the linework properly on the General Elevation detail for the top of 42" F-Shape Barriers located on safety wings, and occasionally the linework for partially obscured safety wing walls is also not properly drawn on the General Elevation detail.



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."

5. The BRADD v3.2.6.0 User Manual does not document how to manually create a 11x17" PDF from BRADD sheet drawing DGN files.

Problem Resolution:

These issues have been addressed in BRADD v3.2.6.1 which can be downloaded for free as a patch from the BRADD website by all users with a current license for BRADD v3.2.6.0.

Downloading and Installing BRADD Version 3.2.6.1 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 web-site at <http://bradd.engrprograms.com> and select to download the BRADD version 3.2.6.1 Update (BRADD v3.2.6.1 Update Install.exe).
3. Enter your License Number, License Key and Company Name for BRADD v3.2.6.0 and your name and e-mail address.
4. Save the file on the computer with BRADD v3.2.6.0 installed.
5. Run the update executable and BRADD v3.2.6.0 will be uninstalled.
6. Run the update executable again and BRADD v3.2.6.1 will be installed.

Installing BRADD Version 3.2.6.1 Patch for PENNDOT:

PENNDOT's CADD workstations will be updated by CADD Support.

Please direct any questions to:

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SUMMARY OF MAY 2021 REVISIONS - VERSION 3.2.6.1

Since the release of BRADD Version 3.2.6.0, five operational issues have been reported. This patch release of BRADD Version 3.2.6.1 contains the following revisions:

1. BRADD has been updated to support the generation of design files and PDFs using Bentley's Open Roads Designer CONNECT Edition. (TFS 5721)
2. BRADD has been updated per PennDOT's request to use a MicroStation Working Units Resolution of 1:10,000 instead of the previous 1:12,000. The seed file and cell library have also been updated to use the new resolution. (TFS 5706)
3. BRADD has been updated to properly implement the P2016-13 vehicle. For prestress beams, the PSLRFD program analysis runs will now include the P2016-13 vehicle, if the vehicle was included in the design runs. Also, for steel beams and prestress beam plans, if the P2016-13 vehicle was selected for the design, the P2016-13 vehicle will now appear in the rating table on the drawings. (TFS-5722)
4. On the General Elevation detail linework for the top of 42" F-Shape Barriers located on safety wings and the linework for a partially obscured safety wing wall has been fixed. (TFS 5730)
5. BRADD User Manual Section 7.C APPENDIX C has been provided to document a method for manually creating an 11x17" PDF from BRADD sheet drawing DGN files using MicroStation's Print Organizer utility. (TFS 5731)