PennDOT e-Notification

Bureau of Solutions Management
Highway Applications Division

pennsylvania
DEPARTMENT OF TRANSPORTATION

BPLRFD
No. 008
May 4, 2020

Release of Version 1.10.0.0

The Department's LRFD Bearing Pad Design and Analysis (BPLRFD) program has been revised as described in the attached "Summary of March 2020 Revisions – Version 1.10.0.0".

The new version has been placed on PennDOT servers for use by the Districts. Consultants and others, who have a current license agreement for **BPLRFD Version 1.9.0.0**, can obtain the updated version by submitting an Update Request Form along with an **update fee of $100 for private organizations and $50 for governmental agencies**. Updates for **BPLRFD Version 1.8.0.0 or earlier** will require an **additional fee**. For BPLRFD update fee details, refer to the BPLRFD Fee Schedule. The update fee is waived for federal and state transportation agencies.

Once payment is received, an e-mail will be sent with download instructions. A valid e-mail address must be provided on the Update Form to receive the download instructions.

Please direct any questions concerning the above to:

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Attachment

SUMMARY OF MARCH 2020 REVISIONS - VERSION 1.10.0.0

Since the release of BPLRFD Version 1.9.0.0 several revision requests and user requested enhancements have been received. This release version of BPLRFD Version 1.10.0.0 contains the following revisions and enhancements.

General Program Revisions

1. The program now computes a rotational stiffness value of the bearing pad that will be used by PSLRFD v2.14.0.0 and higher to check girder stability during construction (Request 124).

2. For Method B analysis or design, the specified shear modulus is used to compute an upper and lower range of shear modulus values. The least favorable of the range of values is used for each computation (Request 125).

Programming Revisions

3. The program is now complied with Intel Visual Fortran Parallel Studio XE 2019 Update 5 and Visual Studio XE 2019 (Request 123).