

PENNDOT e-Notification

Bureau of Business Solutions and Services
Highway/Engineering Application Division



BXLRFD

No. 010
September 21, 2009

Release of Version 2.1.0.1

The Department's LRFD Box Culvert Design and Rating Program (BXLRFD) has been revised as described on the attached Summary of August 2009 Revisions.

The new program has been placed on PENNDOT servers for use by the Central Office and Districts. Consultants and others, who have a current license agreement for the BXLRFD Version 2.1.0.0 can obtain BXLRFD Version 2.1.0.1 free of charge from our support website at <http://penndot.engrprograms.com>. Installation instructions are provided at the website. Update for BXLRFD v2.0.0.0 will require an update fee of \$500 for private organizations and \$50 for governmental agencies. Updates for BXLRFD Version 1.4.0.0 will require an update fee of \$1,000 for private organizations and \$100 for governmental agencies. Updates for BXLRFD Version 1.3.0.5, 1.3, 1.2, 1.1, or 1.0 will require an update fee of \$1,500 for private organizations and \$100 (not \$150) for governmental agencies. No update fee is required for Federal and State Transportation Agencies.

The forms for Software Update Request and Request for PennDOT's Engineering Software License can be downloaded at <http://penndot.engrprograms.com>.

Please direct any questions concerning the above to:

Shyh-hann Ji, P.E.

PENNDOT Bureau of Business Solutions and Services
Highway/Engineering Apps Division
Phone: (717)783-8822 | Fax: (717) 705-5529
e-mail: sji@state.pa.us

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 AUGUST 2009 REVISIONS - VERSION 2.1.0.1

Since the release of BXLRFD Version 2.1.0.0 several revision requests and user requested enhancements have been received. This release of BXLRFD Version 2.1.0.1 corrects the following known problems and provides enhancements.

Calculation Revisions

1. The program has been modified to correctly apply the Barrier Dead Load from the LDC command to Cast-In-Place culverts. Previously, the program would return incorrect live load results for Cast-In-Place culvert runs that included Barrier Dead Load input. This revision only affects Cast-In-Place culverts. (Request 152)