

# PennDOT e-Notification

Bureau of Business Solutions and Services  
Highway/Engineering Applications Division



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## CBA

No. 002  
February 23, 2015

## Release of Version 3.6.0.5

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The Department's Continuous Bridge Analysis Program (CBA) program has been revised to correct several issues reported since the release of CBA v3.6.0.0 as described in the attached "Summary of February 2015 Revisions – Version 3.6.0.5".

The new version has been placed on PennDOT servers for use by the Districts. Consultants and others, who have a current license agreement for **CBA Version 3.6.0.0**, are eligible for a **free** upgrade to Version 3.6.0.5. To obtain the free update, please e-mail a completed [Update Request Form](#) to [PenndotBisEngineer@pa.gov](mailto:PenndotBisEngineer@pa.gov).

Updates for **CBA Version 3.5 or earlier** will require an **update fee**. For CBA update fee details, refer to the following link: <http://penndot.engrprograms.com/home/Ordering/CBA.htm>. For updates requiring an update fee, please submit a completed [Update Request Form](#) along with payment to the address listed on the Update Form.

**Please note that the software will no longer be provided on a CD. Once the Update form is received, an e-mail will be sent with download instructions. The new installation will require a License Key that will be provided in the e-mail. A valid e-mail address must be provided on the Update Form in order to receive the download instructions.**

**NOTE: CBA v3.6.0.5 is not compatible with Windows XP.**

Please direct any questions concerning the above to:

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Attachment

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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 FEBRUARY 2015 REVISIONS - VERSION 3.6.0.5

Since the release of CBA Version 3.6.0.0, several error reports and user requested enhancements have been received. This release of CBA Version 3.6.0.5 contains the following revisions.

### General Program Revisions

1. Corrected an error for invalid index (array out of bounds error) in Subroutine CBA\_FLOORBEAM (CBAREV034).
2. Corrected an error that reactions at supports were higher when INCLUDE = "Y" was selected for including all axles of a special live load instead of INCLUDE = "N". This revision will have no impacts on all LRFD programs using live load analysis with INCLUDE = "Y". But this revision will have impacts on all LRFD programs using live load analysis with INCLUDE = "N". However, these changes shall be small and the number of changes is limited (CBAREV037).
3. Corrected an error of unsymmetrical shear values of a symmetrical simple span bridge (CBAREV039).

### Input Revisions

4. Added more choices on the OUTPUT field of the BEAM DATA AND LIVE LOADS card to turn on/off output file in pdf for stand-alone version only (CBAREV035).

### Output Revisions

5. When running the input file, CBA shall provide the option of output file in pdf for stand-alone version only (CBAREV035).

### Program Revision

6. This program has been converted to the Intel(R) Visual Fortran Compiler XE on IA-32, version 14.0.4.237 using Microsoft Visual Studio 2012 (CBAREV038).