PENNDOT e-Notification

Bureau of Business Solutions and Services
Highway/Engineering Application Division

pennsylvania
DEPARTMENT OF TRANSPORTATION

STLRFD No. 008 December 5, 2011	**Release of Version 2.0.0.3**

The Department's LRFD Steel Girder Design and Rating Program (STLRFD) has been revised as described on the attached Summary of November 2011 Revisions – Version 2.0.0.3.

The new program has been placed on PENNDOT servers for use by the Districts. Consultants and others, who have a current license agreement for STLFRD Version 2.0.0.0, can obtain the updated version for free by downloading from our web site. Updates for STLRFD Version 1.7.0.0 or earlier require an additional fee documented on the STLRFD update fee details page (http://penndot.engrprograms.com/home/Ordering/STLRFD.htm). 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 from the web site at http://penndot.engrprograms.com.

Please direct any questions concerning the above to:

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Attachment

Since the release of STLRFD Version 2.0.0.0 several revision requests and user requested enhancements have been received. This release of STLRFD Version 2.0.0.3 contains the following enhancement.

Specification Related Revisions

1. The calculations of Appendix A of Chapter 6 of the LRFD Specifications have been incorporated into STLRFD (Request 463).

2. A program crash that occurs for some input files when net section fracture governs the stress flexural capacity of the section has been resolved (Request 495).

3. Distribution factors that are calculated using the lever rule will now have the appropriate multiple presence factor applied, depending on the number of traffic lanes loaded. This can also affect the fatigue vehicle distribution factors (Request 498).

4. Sections that are in negative bending and have holes in the tension flange are now properly handled as noncompact (Request 499).

User's Manual Revisions

5. A note was added to the SHO command in Chapter 5 to indicate that any sections that have section holes in the tension flange will be treated as noncompact and that Appendix A6 would never apply to those sections (Request 500).

6. Table 3.7-1 Summary of Specification Checks was modified to refer the user to the appropriate flowcharts in Appendix C6 of the LRFD Specifications (Request 502).