PENNDOT e-Notification

Bureau of Information Systems
Application Development Division

PAPIER No. 014 March 5, 2007	**Release of Version 1.3.0.1**

The Department's Pennsylvania Pier Analysis (PAPIER) program has been revised to address a problem with the application of stream flow pressures to the pier columns along with several minor corrections. The program revisions are described in the attached "Summary of March 2007 Revisions – Version 1.3.0.1".

The new program has been placed on PennDOT servers for use by the Districts. Consultants and others, who have a current license for **PAPIER Version 1.3.0.0** can download version 1.3.0.1 **free** of charge from our support website at http://penndot.engrprograms.com. Installation instructions are provided at the website. Updates for **PAPIER Version 1.2** will require an **update fee** of $500 for private organizations and $50 for governmental agencies. Updates for PAPIER Version 1.1 or earlier will require an additional fee. Update Requests and Ordering Forms for PENNDOT's Engineering Software can also be downloaded from the website.

Please direct any questions concerning the above to:

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Attachment

SUMMARY OF MARCH 2007 REVISIONS - VERSION 1.3.0.1

Below is the list of corrections made to the PAPIER computer program and incorporated into Version 1.3.0.1.

1. The program now supports long file names.

2. The program has been modified to correctly apply stream flow pressures to columns when the water level falls below the column bottom. An unintentional assumption by the program that the water level would not be below the bottom of a column resulted in the stream flow pressure not being applied to the column. [IR #229]

3. The tolerance for the cap overhang input check was adjusted to prevent an input check failure for Type II Wall Piers with sloping side. [IR #227]

4. The multiple presence factors for LRFD fatigue limit states are now applied properly. Previously, the program did not distinguish between design, fatigue or permit loading when determining the multiple presence factor and would apply a factor of 1.2 to the fatigue loading. The program has been corrected to use a factor of 1.0 for fatigue limit states. [IR #226]