

Louisiana DOTD Timber Bridge Rating Program - TIMBER

This is the Windows version of LA DOTD's Timber Bridge Rating program. This program was originally written by Jim Porter of DOTD in the 1970's. The original program was written in FORTRAN for an IBM main-frame with 80-column card input and printed output. This version has been converted to Visual Basic for execution under Windows. The output may be viewed online and it may be printed. A formatted screen for the input of data is provided.

RESTRICTIONS AND DISCLAIMER:

This program has been developed by the Louisiana Department of Transportation and Development (LA DOTD) for the rating of timber bridges by the Department.

Neither the Louisiana Department of Transportation and Development nor the programmers shall bear any responsibility for any errors that may occur in the use of these programs other than for state projects under contract with the Department.

The Department also retains the right to revise, replace, or terminate the use of these programs at any time.

If there are any questions or problems with this program, please contact Glenn Chustz in the LADOTD Computer Center at (504) 379-1620. email: gchustz@dotdmail.dotd.state.la.us

June 1997

INSTALLATION:

To install TIMBER, put the installation diskette in drive "a", and enter "a:\setup" under the Windows "Run" menu. The setup program will copy several files to a directory named "TIMBER". The default drive for the programs will be drive "c", but you may use any drive you wish. The setup program should create an application named "TIMBER".

EXECUTION:

To run TIMBER, double-click on the "TIMBER" program icon. The first thing TIMBER does is display a "File Selection" menu. TIMBER will look for files with an extension of ".TMB". Select a file by double clicking on it or create a new file by typing a new name in the "File Name" box.

INPUT FILES:

Several sample input files are provided. You may select one of the

existing files or enter a new file name. Please note that whatever file name you choose, TIMBER will put a ".TMB" extension on it, whether you want it to or not. If you select one of the example files, you may rename it using the "saveas" option from the menu.

MENU OPTIONS:

FILE:

File options:

1. NEW - Create a new input file
2. OPEN - Displays a "file open" dialog which will display the existing files on your hard drive with an extension of ".TMB".
3. SAVE - Saves the file you are editing to the disk
4. SAVE AS - Saves the file you are editing to the disk, but with another name. Note: All file names must end in ".TMB".
5. EXIT - Exits the TIMBER program

RUN:

The RUN option on the menu will take the input data you have entered on the screen, perform the rating calculations, and display the results on the screen. You may scroll up and down to view the results.

PRINT:

The print option will copy the results of the "Run" option to the printer.

EDIT:

Edit can be used to insert or delete lines in the "Stringer" and "Pile Spacing" arrays. When you click "Delete" the line the cursor is on will be deleted. When you click "Insert" a line will be inserted before the line which the cursor is on.

COPYING DATA

Data can be copied from one box on the Stringer array or the Pile Spacing array by dragging it to another box.

FILE LIST

File Name	Description
TIMBER.EXE	Timber Bridge Rating Program
TIMBER.DOC	Timber instructions (This File)

T000000.TMB

Example data

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September 9, 1997

Revised July 14, 1998

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