



GEORGIA DEPARTMENT OF TRANSPORTATION

BRIDGE DESIGN BRIDGENOTES
USERS GUIDE

OFFICE OF BRIDGE
AND STRUCTURAL DESIGN

PAUL V. LILES, JR., P.E.
STATE BRIDGE DESIGN ENGINEER

DECEMBER 2008

INTERACTION WITH BRIDGENOTES PC PROGRAM

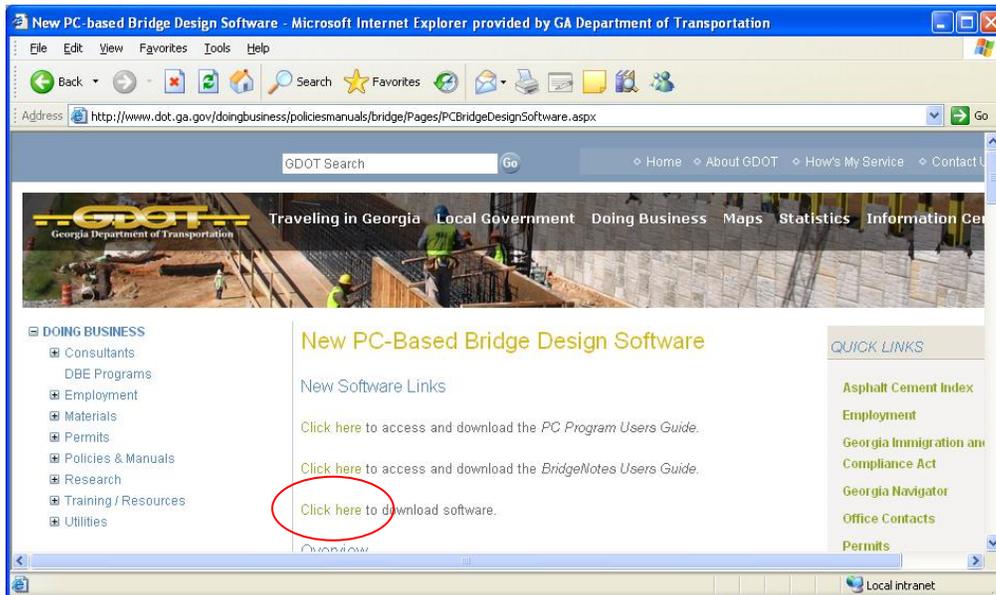
DOWNLOADING/INSTALLING BRIDGENOTES PC PROGRAM

NOTE: Steps 1 thru 4 only need to be performed if the BridgeNotes program has been updated since the last download of the PC-Based Bridge Design Software. If the program hasn't been updated and PC-based design software has been installed on your computer, please skip to Step 5. For downloading PC-based design software, refer to "INTERACTION WITH BRIDGE DESIGN PC PROGRAMS.docx".

1. Go to Website:

<http://www.dot.ga.gov/doingbusiness/policiesmanuals/bridge/Pages/PCBridgeDesignSoftware.aspx>

2. Click on "Click here" to download software:



3. The following window will pop-up:

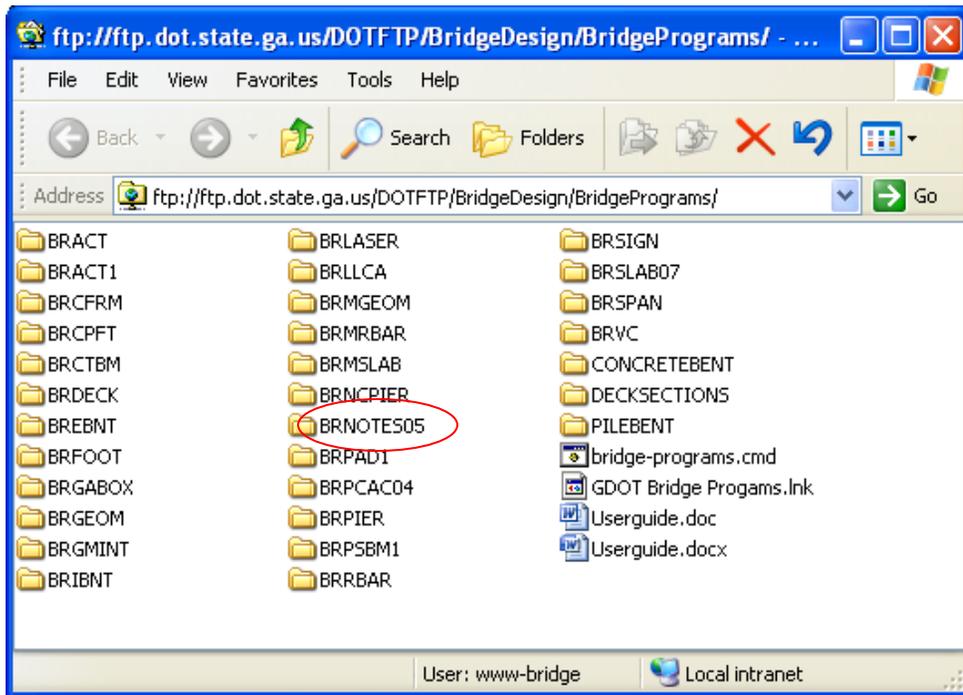


Enter User name and Password and **Click Log On**

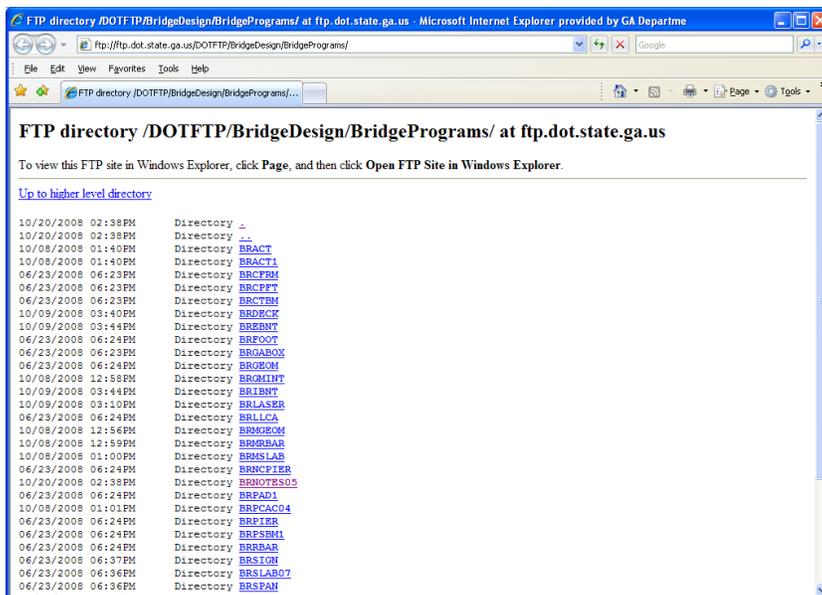
NOTE: If User name and Password for ftp log on is unknown, contact an Assistant State Bridge Engineer at 404-631-1985.

INTERACTION WITH BRIDGENOTES PC PROGRAM

4. Select the BRNOTES05 folder and copy to C:\gdot_bridge_programs. If prompted, about replacing existing files, **Click Yes To All**.



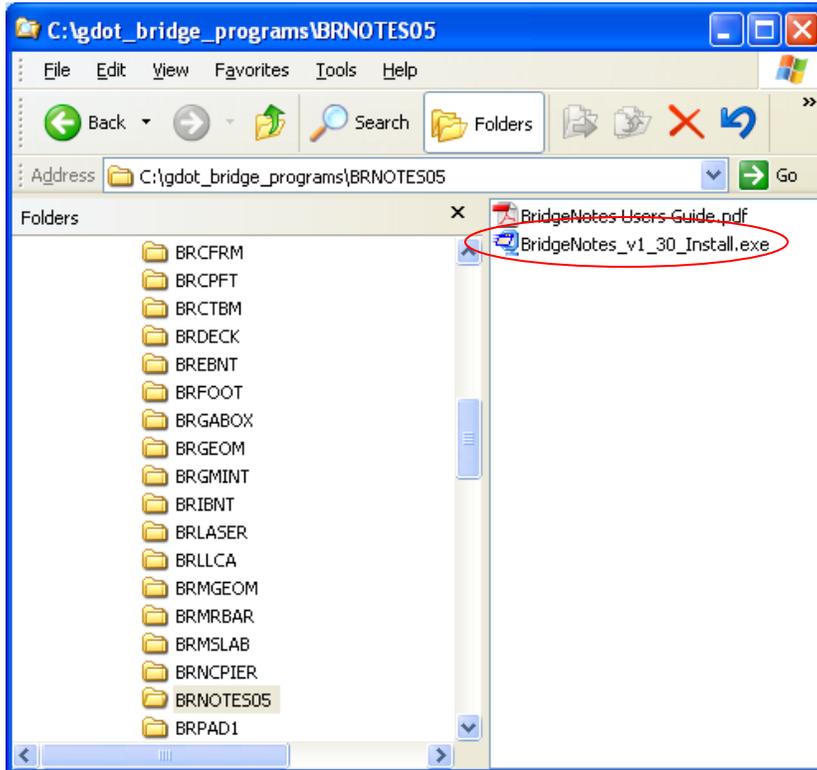
If the following screen appears:



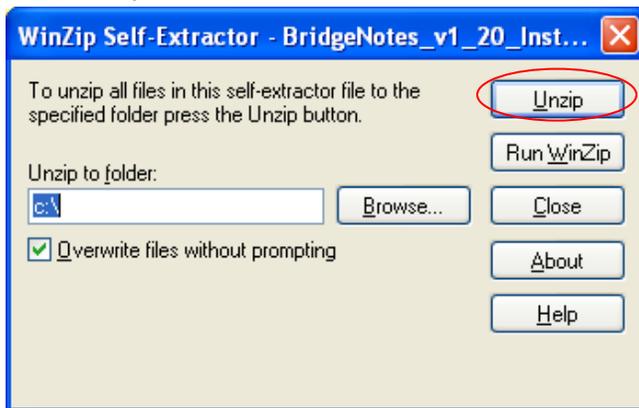
Click on the **Page** button located at the top left, then **Select Open FTP Site in Windows Explorer**. This should make it appear as the first screen in this section.

INTERACTION WITH BRIDGENOTES PC PROGRAM

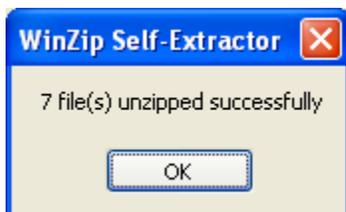
- Go To C:\gdot_bridge_programs\BRNOTES05 and *Double Click* on **BridgeNotes_vx_xx_Install.exe**. (Where the vx_xx is the version number and subject to change.)



- Select **Unzip**.

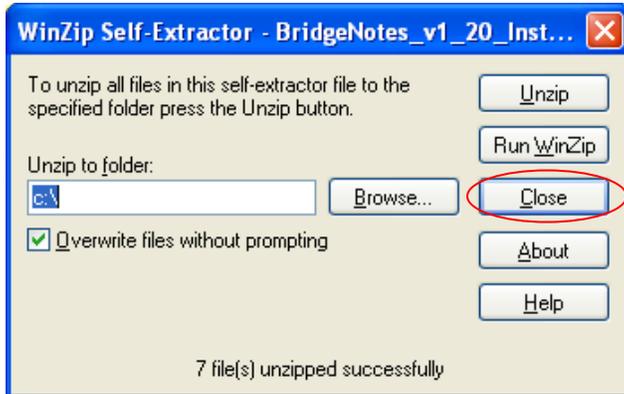


- Select **OK**.

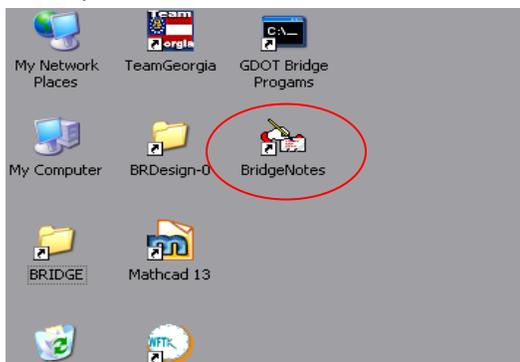


INTERACTION WITH BRIDGENOTES PC PROGRAM

8. Select **Close** to close down WinZip Self-Extractor.



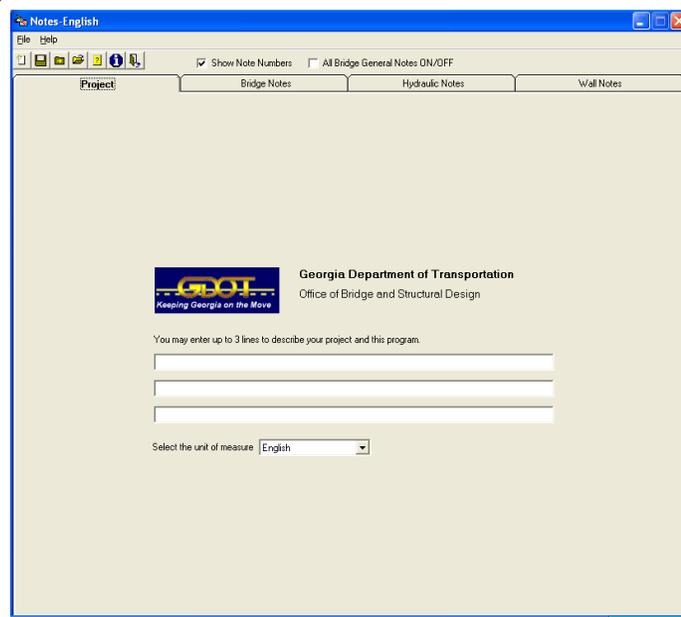
9. A shortcut for the BridgeNotes program should now have been placed on the computer desktop.



USING BRIDGENOTES PC PROGRAM

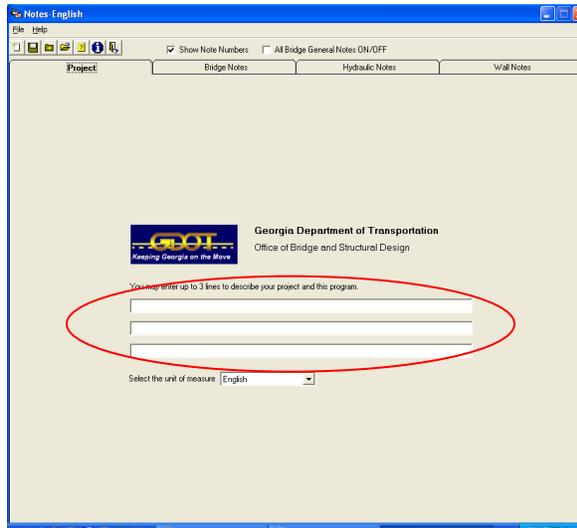
1. *Open BridgeNotes:*

Double Click on BridgeNotes icon located on computer desktop. This should open up the following window:



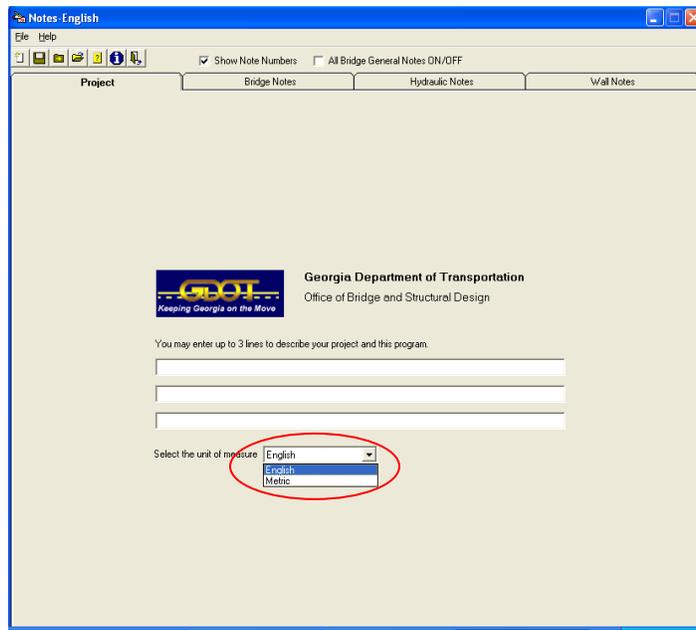
INTERACTION WITH BRIDGENOTES PC PROGRAM

2. Create .INP (input) file:
 - a. Fill in Project Tab
 - i. Enter up to three (3) lines to describe the project for which the notes are being created.



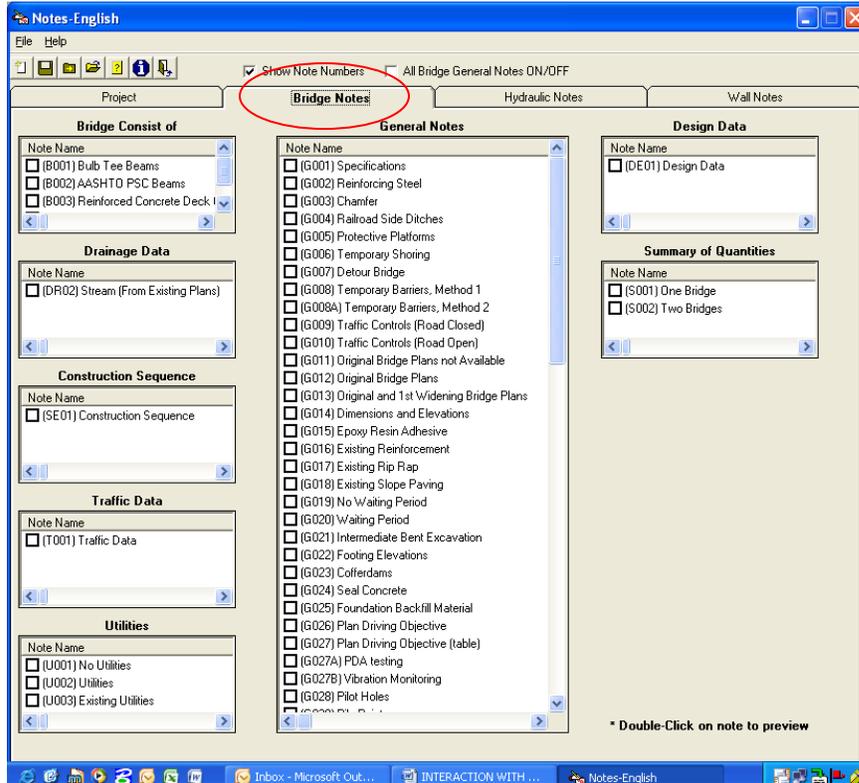
- ii. Select whether the notes will be English or Metric Units.

NOTE: The English notes have been updated and modified beyond the old BRNOTES05 program. The Metric notes still reflect the old BRMNOTES05 program.

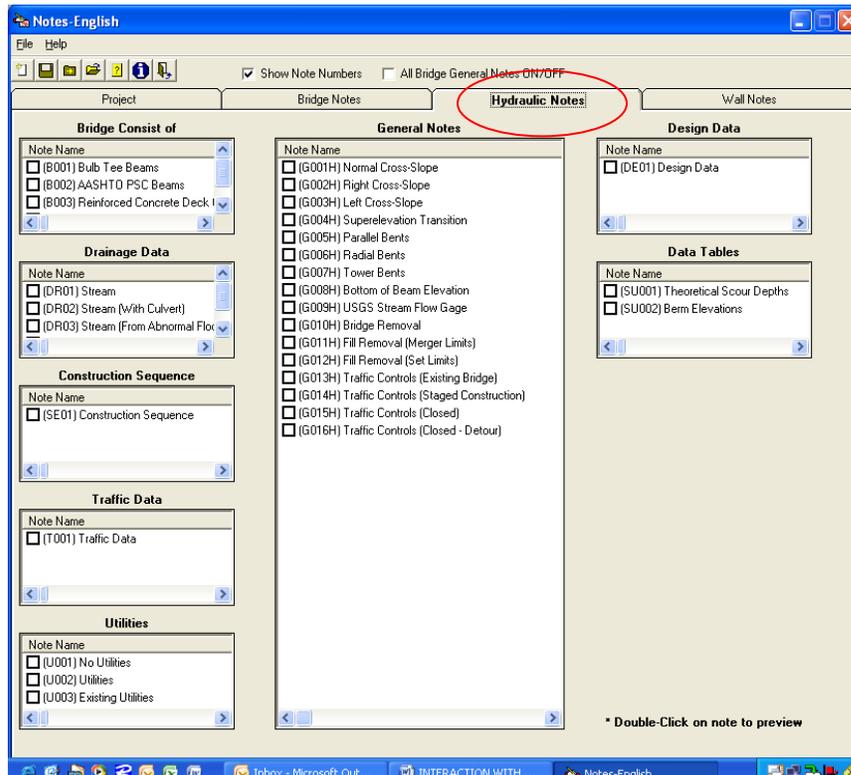


INTERACTION WITH BRIDGENOTES PC PROGRAM

- b. Select Appropriate Tab for Desired Notes:
 - i. Bridge Notes (for General Notes Sheet)

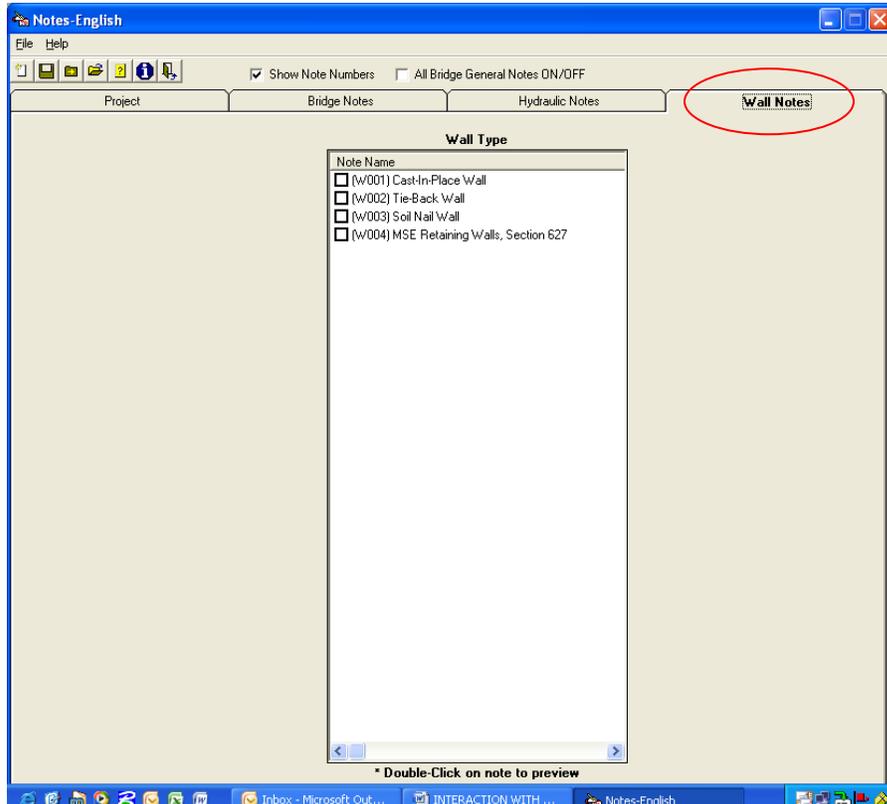


- ii. Hydraulic Notes Tab (for Preliminary Layouts of bridges over water)



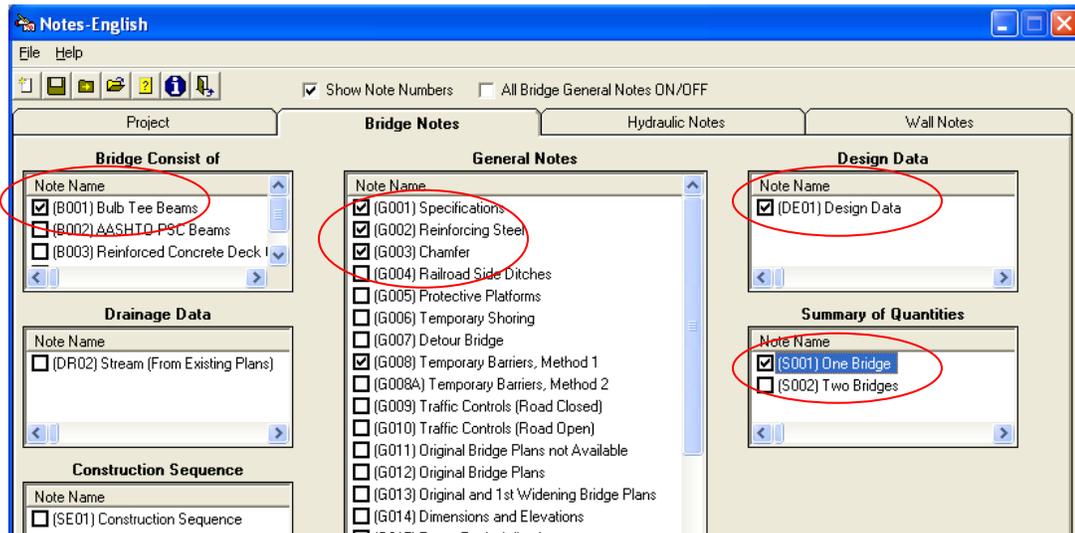
INTERACTION WITH BRIDGENOTES PC PROGRAM

iii. Wall Notes Tab (For Special Design Wall notes)



c. Select Notes to be Added to INP file:

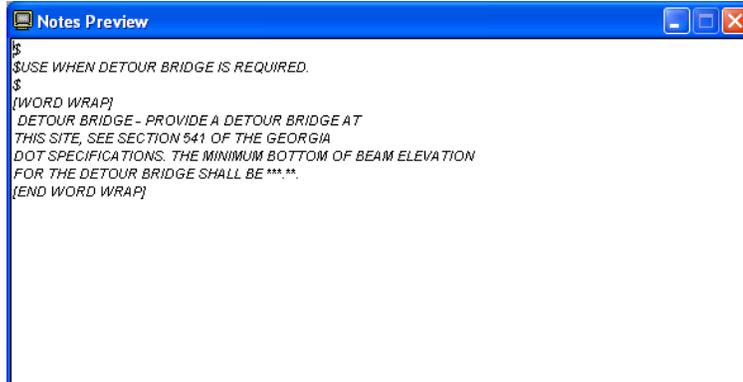
i. Check box next to all desired notes



INTERACTION WITH BRIDGENOTES PC PROGRAM

ii. Preview Note and View Quick Help

- Move cursor over note and *Double Click*. A text box will open that has a help description (\$ symbols at the beginning of the lines) and the actual note to be inserted (between the WORD WRAP codes).

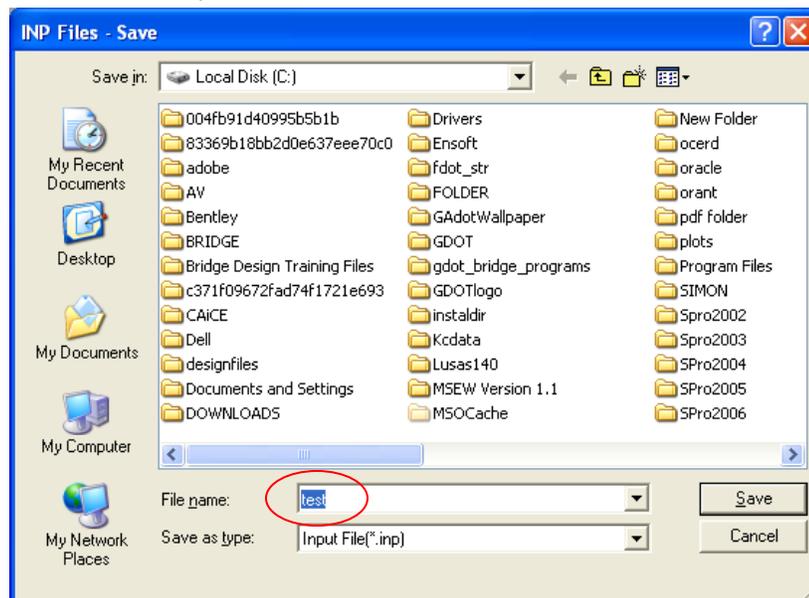


d. Generate .INP file

- Once all notes have been selected for placement in the file, *Click the Save Button* at the top left

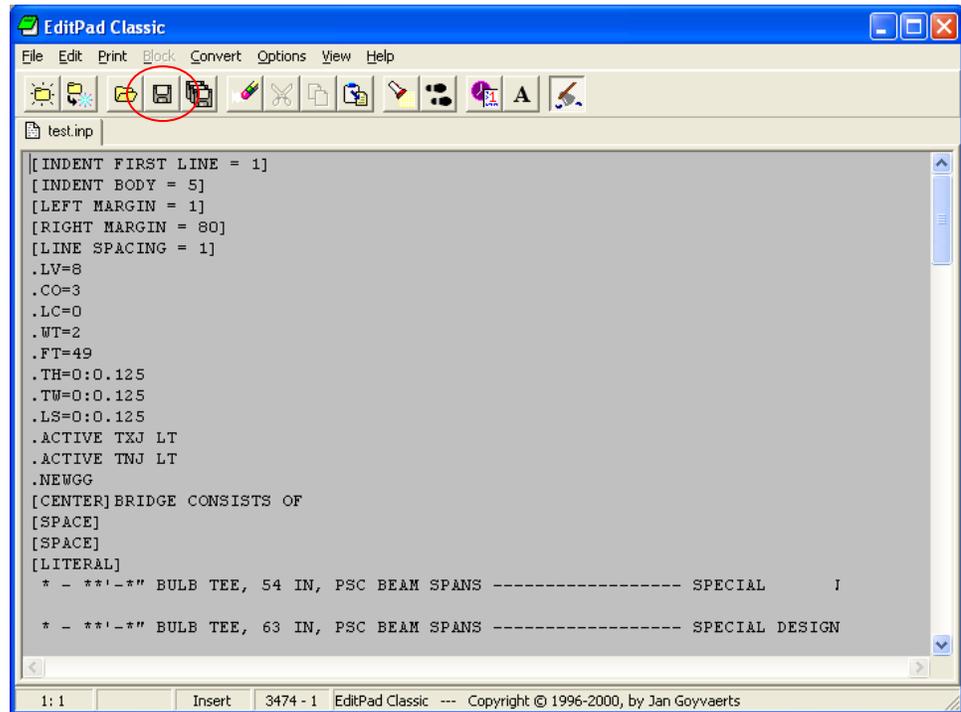


- *Type* in the desired name of the input file and *Click Save*. Windows will automatically assign it an .inp extension. In the screen shot below, the input file will be saves as test.inp.



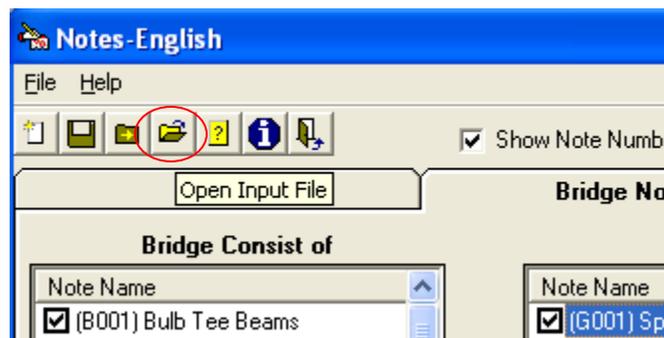
INTERACTION WITH BRIDGENOTES PC PROGRAM

- The INP file will automatically be opened in EditPad after clicking Save. Here you can make any changes to the input file like adding quantities or adding elevations to certain notes. After you have made your changes, make sure to Click the Save button in EditPad.



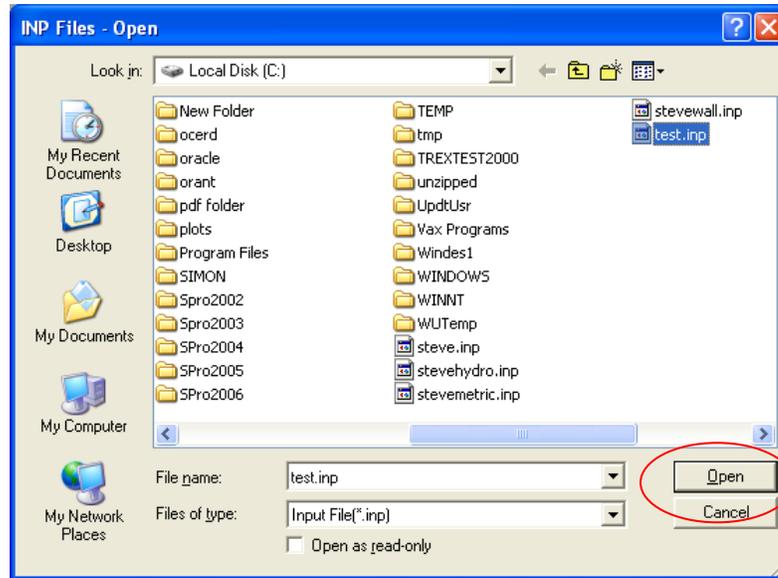
3. Opening INP for editing.

- If the INP file doesn't open after creating it or if you need to come back later to make some additional changes, Click the **Open Input File Button** at the top left.



INTERACTION WITH BRIDGENOTES PC PROGRAM

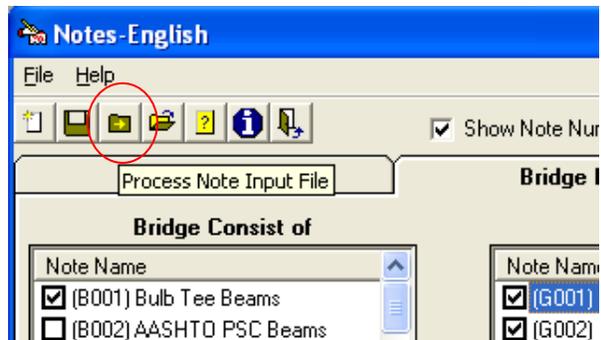
- Select the input file to be edited and Click Open.



This should open the input file up in EditPad for any changes that need to be made.

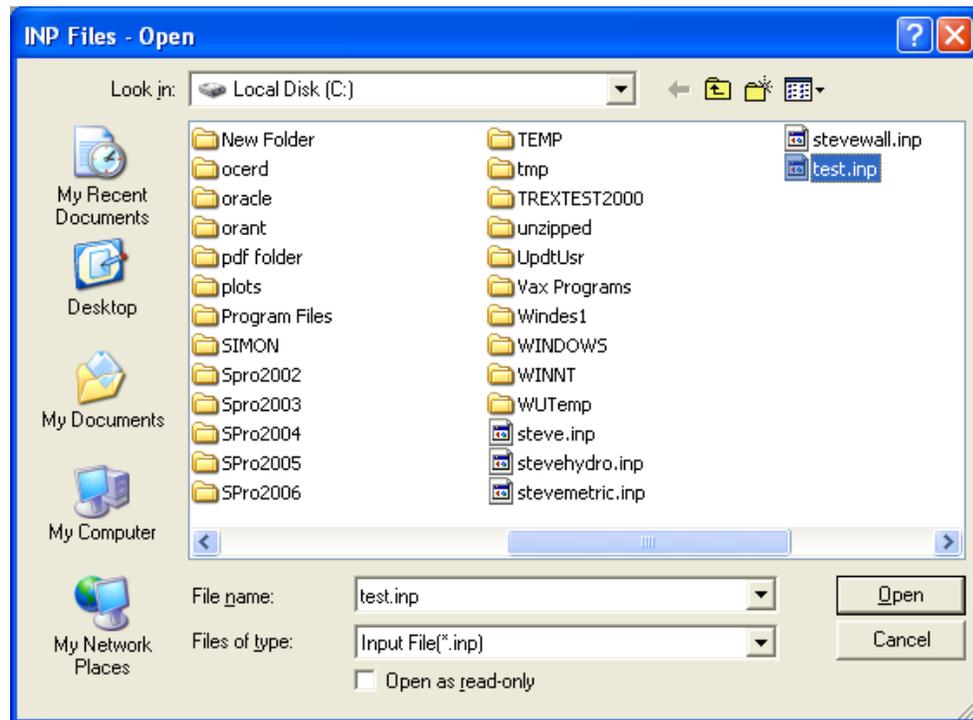
4. Convert INP file to TXT file for MicroStation:

- a. Click the **Process Note Input File** Button



INTERACTION WITH BRIDGENOTES PC PROGRAM

- b. Select input file to be Processes into text file and **Click Open** (This is similar to BRRUNOFF on the Alpha Server). This command formats and justifies general note for exporting into Microstation.



- c. The text file will be created and will have the same name as the input file except the extension will be .txt instead of .inp. The text file will automatically open in EditPad for viewing. The text file is now ready to be imported in MircoStation in the same manner as the old General Notes text file.