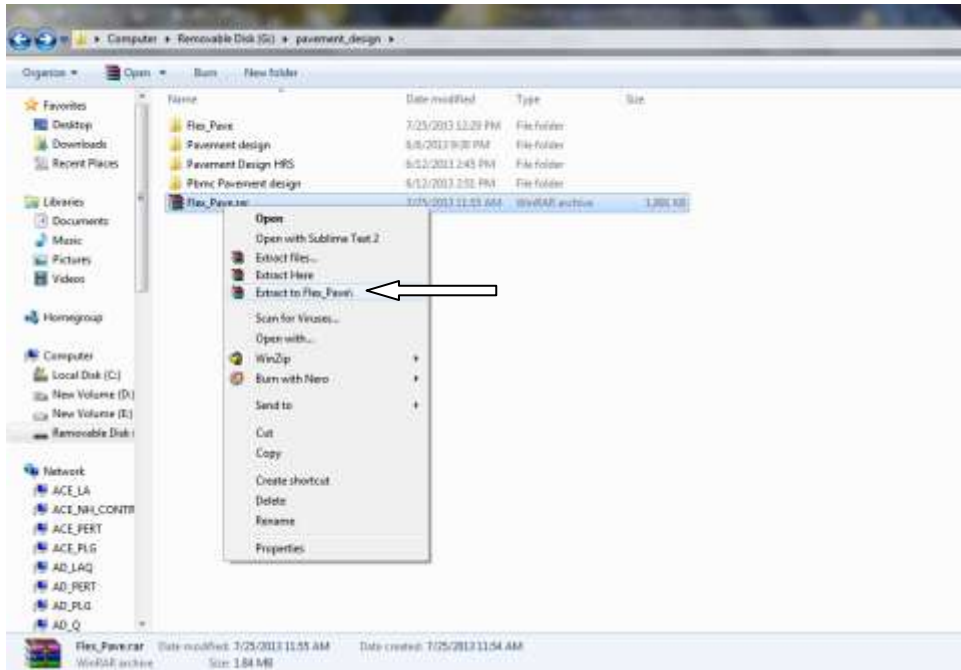


Instruction to use TNHD PAVE Software

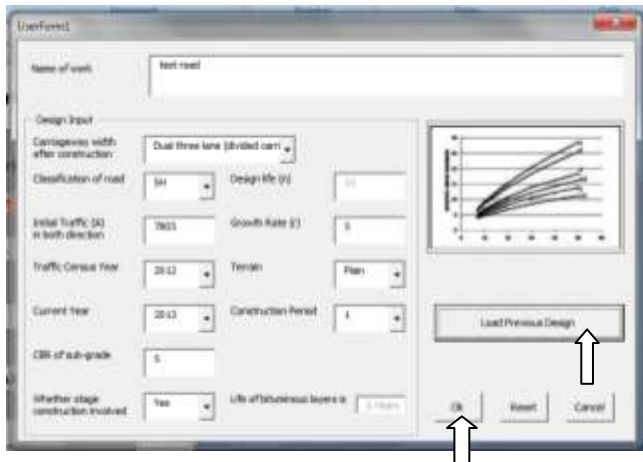
1. Unzip the zipped file using extract to option



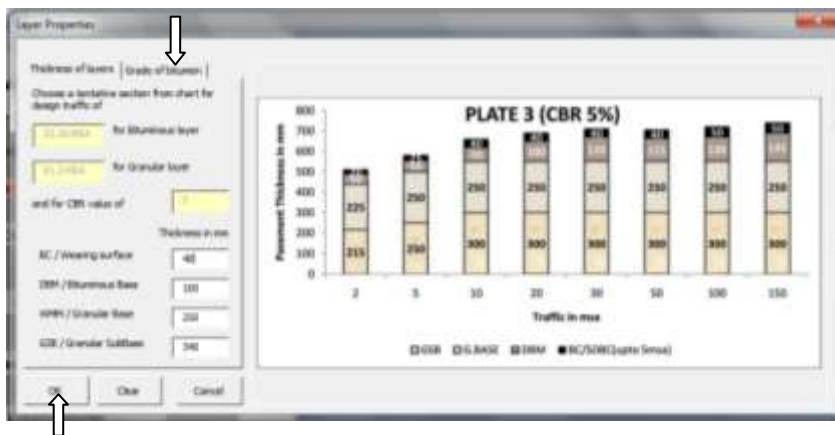
2. copy the folder to any directory Other than Root Directory(C:) or desktop
3. Do not rename or delete or modify any file in the folder
4. Open the folder and install **SaveAsPDF**
5. open **TNHD_PAVE.xls** file
6. **Enable macros**
7. Click on **“Enter Base Data”**



- Fill in the fields with the relevant data

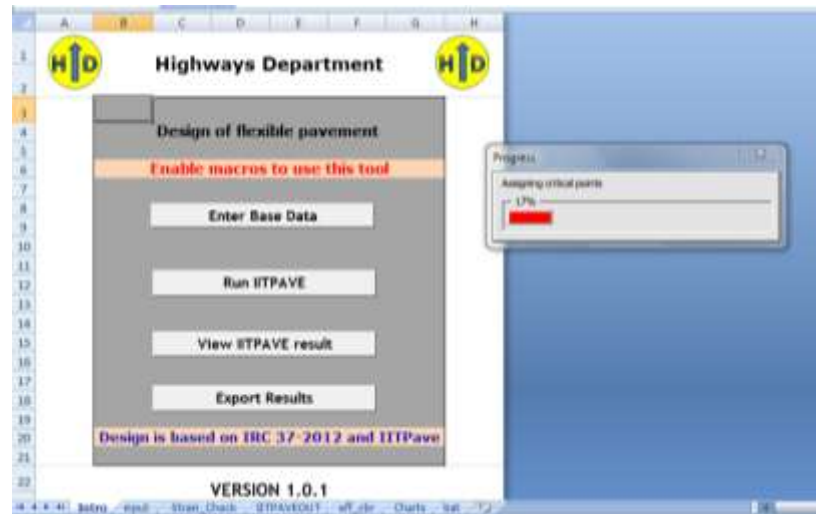


- Enter 80 percentile CBR for Major District Road & Other District Roads or 90 percentile CBR for State Highways. Enter CBR with 2 decimal accuracy.
- Click **“Load previous design”** to get previously entered data.
- Click **“OK”** to submit
- A new screen pops out, which shows design traffic in MSA, Equivalent CBR and relevant design catalogue.



- From the design catalogue, assume tentative pavement design. It is preferable to choose on the lower side to start with.
- Check the grade of bitumen in “Grade of bitumen” tab (by default VG 30 selected)
- Click **“OK”**
- Then click in **“Run IITPAVE”**

- Click on the “Ok” in the message box that pops out after running the process.



- Click **“View IITPAVE result”**



- In the screen, allowable tensile and compressive strain calculated based on IRC37 2012 and actual strain from IITPAVE will be displayed
- If the assumed section is safe or unsafe and the same can be optimized/redesigned by clicking on **“Yes”** and then clicking optimize.
- The results can be exported to PDF for each assumed the section and printout can be taken from that
- Kindly ensure that SaveAsPDF pdf tool is installed before exporting