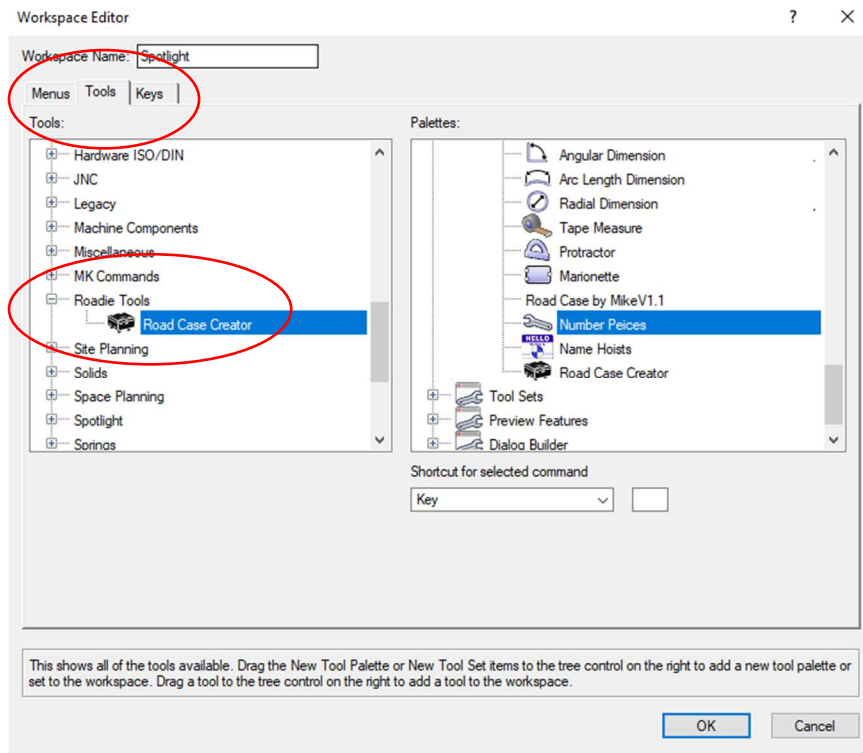# Installing the Plug In

1) Best practice is to close Vectorworks and copy the .vso file to your User Plugins folder:
Windows: C:\Users\<Username>\AppData\Roaming\Nemetschek\Vectorworks\<version>\Plug-Ins
Mac: /Users/<Username>/Library/Application Support/Vectorworks/<version>/Plug-Ins

2) Open Vectorworks and add the command tool to your current Workspace using the Workspace Editor. Select the Tools Tab and expand the Roadie Tools group.

3) Drag the icon from the left side to whatever palette you want it in on the right side.

For the best experience make sure to include the Case Config worksheet from the demo file with any new projects. The worksheet can be in sub folder but do not rename it.

Currently switching between units is not supported. Feet, Feet & Inches, and Inches have been tested.

Using the Tool

The tool creates a 2D top view of a road case to help in planning truck packs. Using the OIP you can easily customize a few things about the road case.

Set Size – used to determine the size of the outline, can choose from a list of stock sizes or create a custom size for one off cases. Setting the case size is covered in more detail later. (Defaults to 45" X 30")

Text Size – sets the size of all the text on the case. Some fields auto adjust to a percentage of this size. (Defaults to 11.5)

Text Line 1 & 2 – these fields are for the text placed on the center of the case. (Default L1 – Default, L2- -)

Piece Number – a number displayed on the upper right corner of the case useful for getting thing sent to the truck in the right order. (Default – 0)
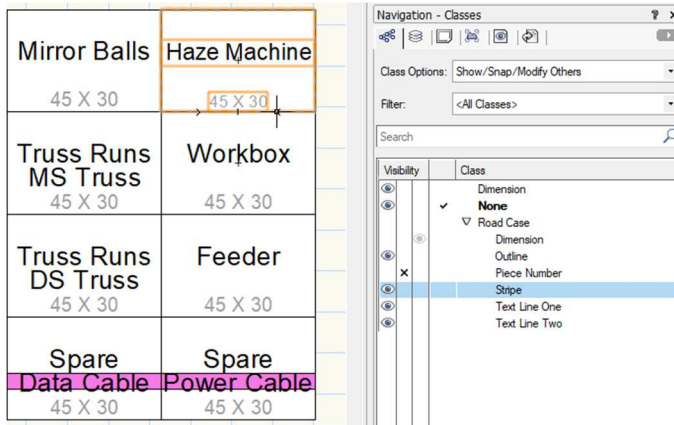
Stripe – Checking this box will draw a stripe on the case with a user selectable color. Helpful for color coding cases. (Default – Not Checked)

Set Stripe Color – When the Stripe box is checked this button appears, clicking it will launch a color select dialog. (Default – White)

 The bottom fields do not appear on the drawing but are linked to fields in the record for the PIO to help with paperwork.
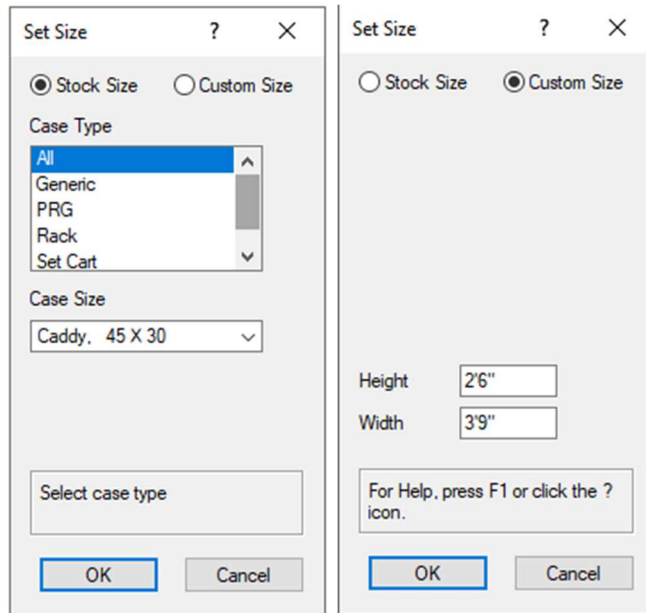
Classes

The tool creates several classes under the Road Case Class to allow for controlling visibility of individual elements.
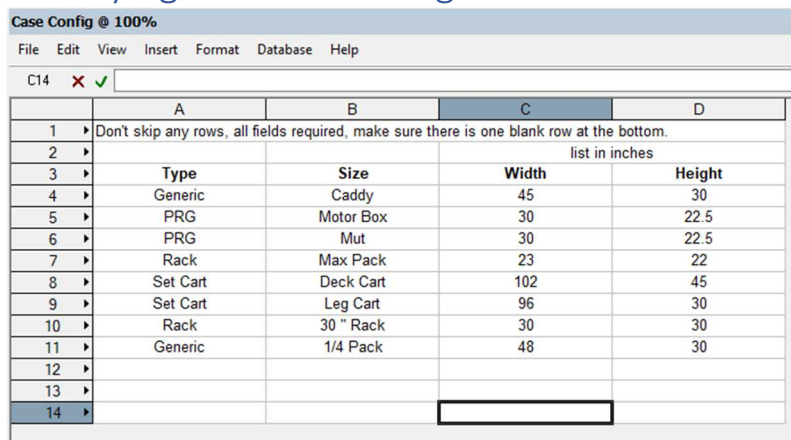
Setting The Case Size

Clicking the Set Size button in the OIP will bring up the Set Size dialog which has two modes, Stock Size and Custom Size. Stock Size pulls data from a worksheet called 'Case Config' and the results can be filtered by type.

NOTE – If after setting the size the Case Config worksheet is modified you will have to repeat setting the size for the changes to take.

When Custom Size is selected simply enter the desired height and width and click OK.

Modifying the Case Config File

The Case Config worksheet is where the information for stock sizes is stored. Users are free to add, delete or modify these values. Feel free to create your own types or rename sizes of cases. As called out in the worksheet all values are required and the measurements for width and height should be entered as inches without a unit. For example enter 52 instead of 52" or 4' 6".

The PIO needs the file to be named Case Config, saving a copy with a new name is a great way to back up the file but in order to use it please rename it to Case Config.