

Civil CAD CONSULTANT

Express-TIP

On the Side

Q: Is there a way to set the ending station of an alignment without having to 'back out' the beginning station manually?

A: Yes. You can actually set the station of any point on the alignment and have the beginning station calculated from that point. Choose **Geometry > Horizontal Curve Set > Stationing**. Type in the coordinates or use the Target button to select the point for which you know that station, then **Apply**. The beginning station is calculated for you.

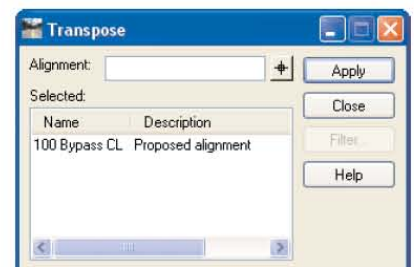
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Transpose Going the wrong way?

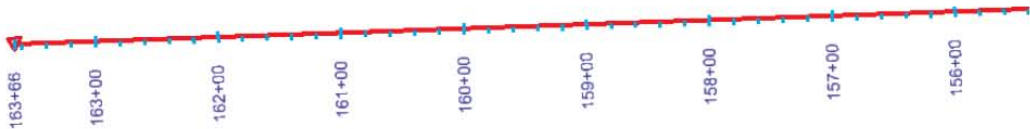
There are times when working with alignments that you need to reverse the order of the stationing. This is easily accomplished using **Transpose**.



- 1** Choose **Geometry > Utilities > Transpose**.
- 2** Use the Target button to choose the alignment, or use the filter, or key in the name (wildcards are allowed).



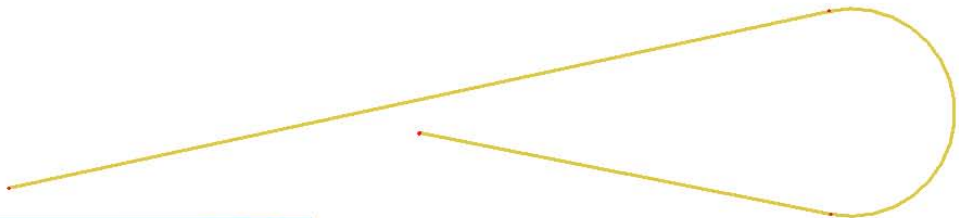
3 Apply.



The successful completion message is your indication the command has worked. The most common mistake is not realizing the alignment has been transposed and choosing the **Apply** a second time. This reverses it back, leaving you with the same thing you started with.

What if you need to transpose just one piece of the alignment? This can happen when working with the element tools and creating the alignment one element at a time, or sometimes when importing alignments from graphics.

For example, if the lines were created in opposite directions you will see something like shown here when attempting a **Free Curve**.



4 Choose **Geometry > Horizontal Elements > Edit Element**. If it's not on your menu, toggle on **Horizontal and Vertical Elements Add-in** under **Tools > Application Add-Ins**.

5 Use **Previous** or **Next** or **Select** or **End** to activate the correct element.

6 Choose **Transpose**. No **Apply** is required.

As an alternative, you can choose **Check Integrity** to **Transpose** one piece of the alignment.

