Application Name:	ODOT_TextBackground.mvba
Current version:	V09.10.16
Required MicroStation Version:	MicroStation V8i
Required GEOPAK Version:	Not Required

The **ODOT_TextBackground_XM.mvba** application is used to turn on/off text background masking for selected text elements.

Important Note: Instead of using this program to mask text elements ODOT has created Masking Text Styles and a SH_Masking level.

Masking Text Styles:
The following Text Masking Styles is an option to hide specific areas on a plan sheet that will mask out element underneath:

- **Masked Slanted-Normal LS=0.50** (font 31)
- **Masked Straight-Normal LS=0.50** (font 30)

Once one of the Text style above is selected the masking is turned on already, you do not have to go back and re-select the text to mask out the background.

SH_Masking Level:
The SH_Masking level is an option to hide specific areas on a plan sheet. No elements will show underneath.

The Masking level plots all elements or filled shapes as <u>White</u> to mask any elements underneath. The half.pen, full.pen and ODOTV8i_Pen.tbl plot and fill shapes are based on the following masking level:

SH_Masking – uses Color = **255** (Background Color); Priority set at 500 same as all text levels.
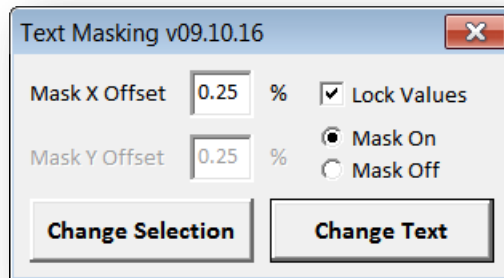
Note: To create a border around the shape change the color and place the shape using the Fill Type set to Outlined.

To run the program, key in the following command:

vba load ODOT_TextBackground.mvba;vba run changeBackground

The application can also be selected from the ODOT pull-down menu by selecting **ODOT > Drafting Apps > Text Masking**.

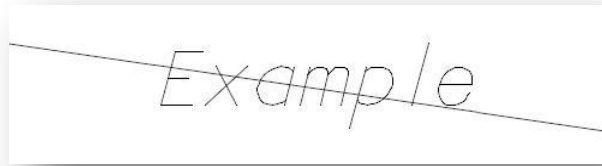The dialog box shown below is opened when the program is accessed:

Turning on the text background mask allows text elements to "mask" out all other elements in the active design file or a reference file.

The Mask size is set as a percentage of the text height and width. The mask values can be set for the **Mask X offset** and **Mask Y Offset**. With **Lock Values** toggled on, both offsets are set using the **Mask X Offset** value.   With **Lock Values** toggled off, the offsets can be set independently.
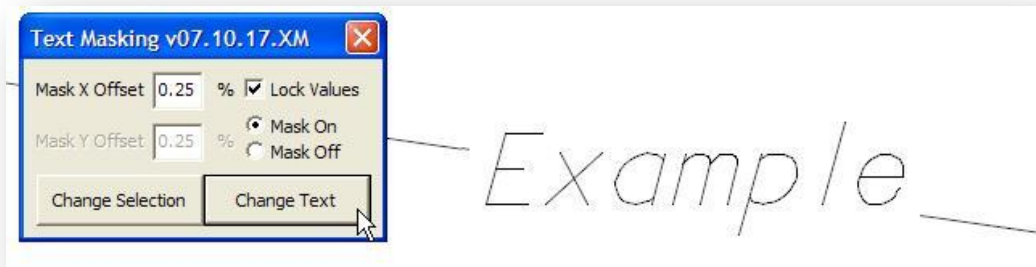
The **Change Selection** option is used to change the mask on/off value for a selection set of text elements.

The **Change Text** button is used to change the mask on/off status for an individual text element.

In the example below, the text "Example" is placed on top of a line element.

- Toggle the option to **Mask On**.

- Select the **Change Text** button

- Select the text element. The mask toggled on as shown below.

Contacts