

Using ODOT Text Styles

The standards that ODOT uses for text printed on various CAD products are contained within a set of text styles and element templates delivered in a design library (dgnlib) in the OregonDOT WorkSpace. The ODOT ribbon workflows for each discipline provide access to all the symbology - including the text - related to proposed and existing elements. The standards are provided by defining a command to use a particular element template which specifies the level and other symbology. Element templates used for text placement specify the ODOT text style by name and may also use a text style override.

Text Style Icons

Icon	Description	Purpose
	Black outline of book	Text Style is available from the dgnlib (standards)
	Blue filled book	Text Style has been copied to the dgn (local)
	Blue filled book; with green checkmark	Text Style has been copied to the dgn (local); and matches the dgnlib (standard)
	Blue filled book; with blue triangle	Text Style has been copied to the dgn (local); names are the same, but properties do NOT match the standard
	Blue filled book; with blue name text	Local copy of Text Style has been modified but has not been saved. Reset or revert is possible.

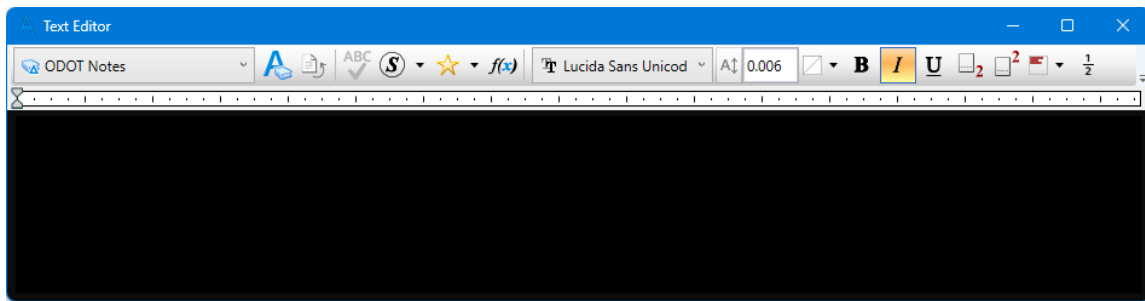
Text Style Commands

Command Button	Command Name	Purpose
	Update From Library	Causes the local copy of the text style to match the standard in the dgnlib. Use before placing text.
	Reset or Revert Style	Returns an altered local text style to its previously saved values. Might match standards, might not.
	Save	Push out the new (non-standard) values to all text nodes in the entire file that use the same Text Style name. Use sparingly.

Good practices for placing text that meets standards

Always begin CADD work with new DGN files created from seed

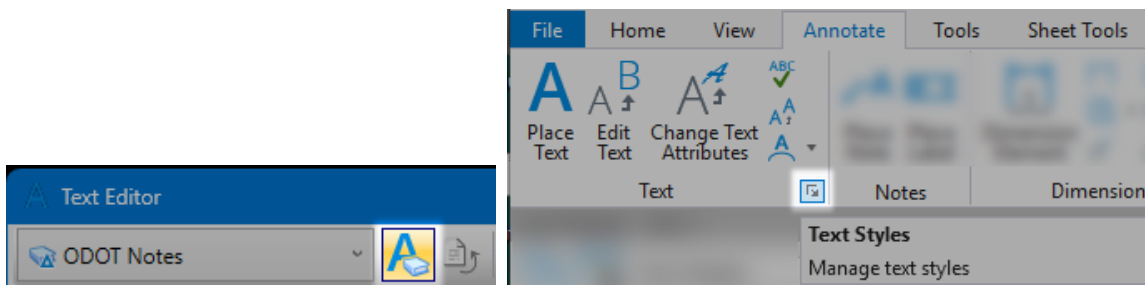
The **ODOT Notes** text style has been purposefully written into the ODOT seed files to establish our most commonly used text style as the one selected by “default” when you use the Place Text command. The picture below shows the Text Editor dialog opened in a new DGN created from MicroStation _Seed2D.dgn.



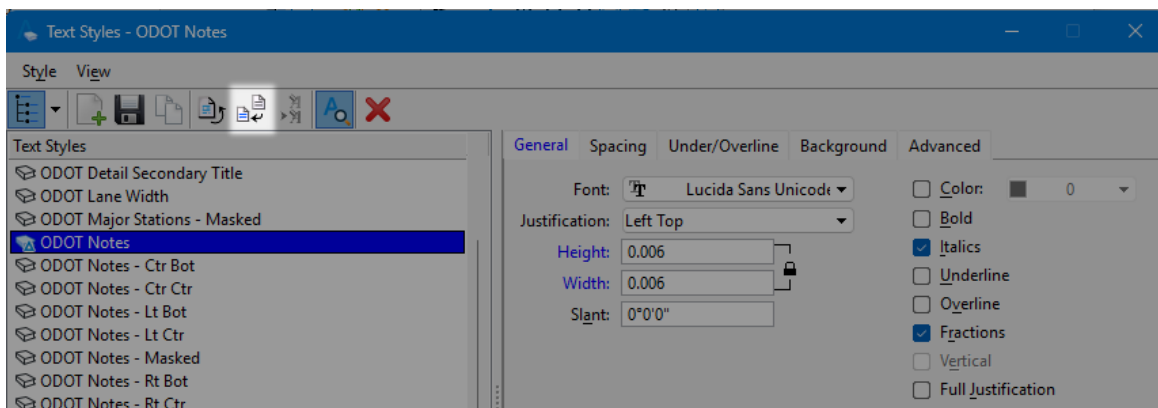
The blue book with triangle icon in the text style name field indicates that the local copy may not exactly match what is delivered in the design library (dgnlib).

Always use [Update From Library] immediately after opening a DGN and before placing new text

The Text Styles dialog can be opened from the [Open Text Style Dialog] button on the Text Editor Icon Bar (left image below) or from the small launcher button, “Manage Text Styles”, in the bottom right corner of the Text group on the Annotate tab (right image below).



The command “Update From Library” is found on the Text Styles dialog, shown spotlighted in the image below.

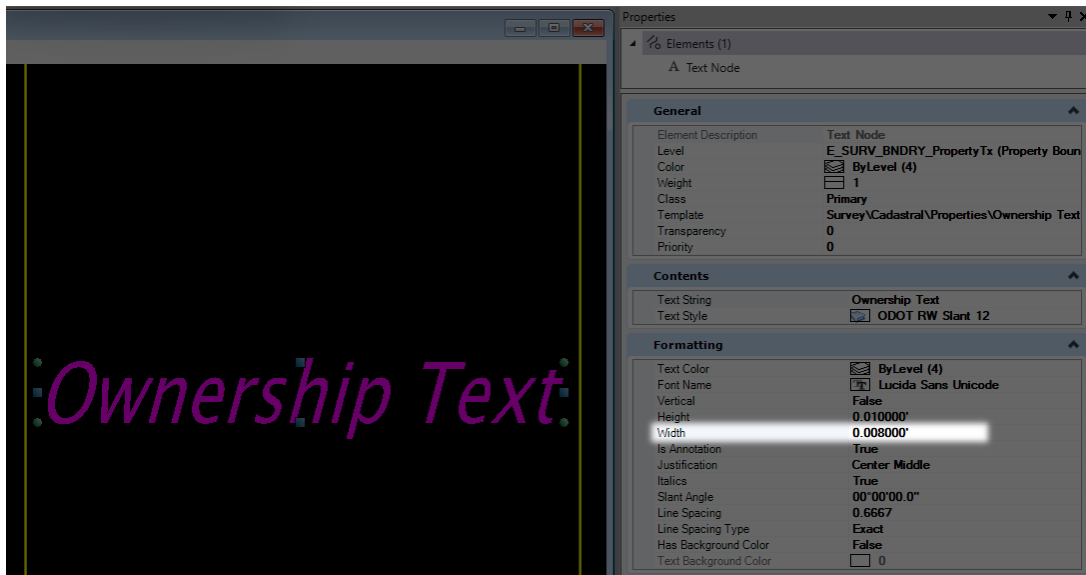


Questions about non-standard text

What do I do if when placing text from a command on my discipline’s ribbon workflow, I notice that the text is not correct? Use **Update From Library** on each text style that differs from the standards in the Text Style dialog, then use the discipline text command again.

How do I make a change to the width of the letters so that certain text nodes fit into smaller areas on a survey map? Change the **Element Properties** of the text node after placement; this does not modify the text style. It will be easiest to work with the **Design File Settings** Master Units set to inches or with an accuracy of 0.123456. Select all the text nodes

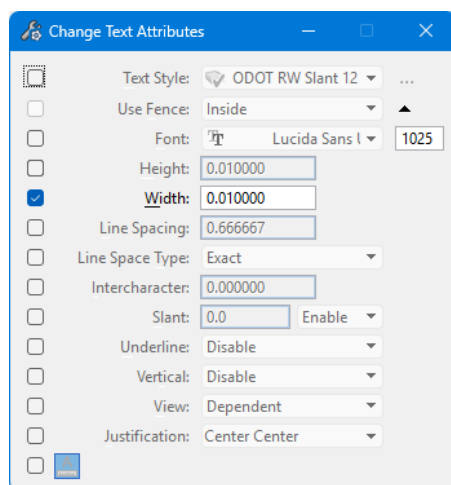
that need to be narrowed and open the Properties dialog. In the Properties dialog, expand the Formatting group and set the value for the Width to be relatively smaller.



If I have one text node set up with custom formatting for a survey product, how can I place more text in the same DGN that uses that same non-standard text formatting? Use the command **Match Text Attributes** – left-click on the custom text, then left-click in space to accept. The **Match Text Attributes** command transfers the properties of the selected text to the active text style. Now you can use your **Place Text** command and type away to place custom formatted text. (Use *Revert Style, Reset, or Update From Library* before going back to placing standard text.)

Let's say I messed up and placed a bunch of custom formatted text nodes, when they should have been standard; how can I fix that?

1. Use **Update From Library** on all text styles that differ from the standards in the Text Style dialog.
2. Then use the **ODOT discipline button for text** to set the active text style properties to that type of standard text. Escape out – you are not going to place new text at this time.
3. **Select** all the non-standard text nodes.
4. Run the command **Change Text Attributes** with the Text Style check box *unchecked* and all the properties that are non-standard (i.e. Width) checked on. Left click to accept the selection.



A note about Annotation Scale

The text node element property of “Is Annotation” is **not** a part of the text style, even though it appears in the Formatting group in the element properties. If you are having difficulty with the overall size of the text – it is so small that you can’t see it or so large that it doesn’t fit on a sheet – ask for help from an Engineering Application Support Team member.