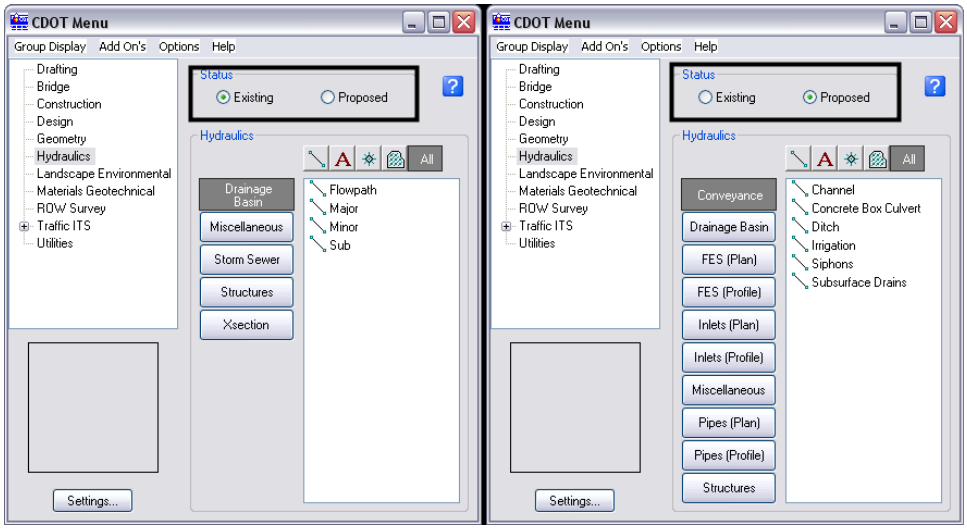
CDOT Hydraulics Menu

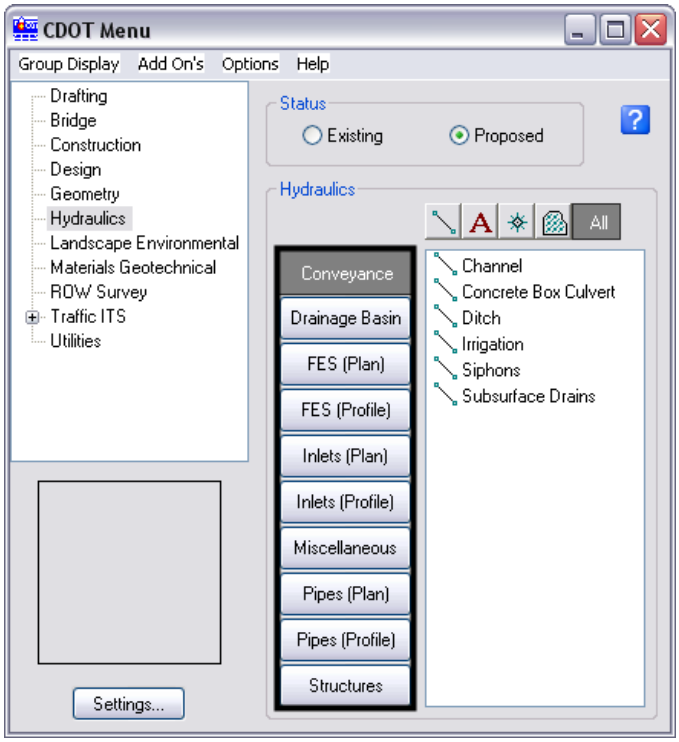
This document guides you through the functionality of the CDOT Hydraulics Menu. The CDOT Menu is designed so that the user can effortlessly maintain the Department's drafting standards. Each command selected from menu will automatically set the correct level and symbology for the element to be placed. It also launches the MicroStation command needed to place the element. The menu should also be used to set symbology even when a different command will be used to place an element.

The CDOT Menu Explorer (left pane of the dialog box) separates the menu options based on specialty groups. The Drafting option will be used by all groups. Some menu options assigned to a specialty group may also be required by another, so be sure to check the other specialty groups' menu options if a command or symbology is not found within your group.

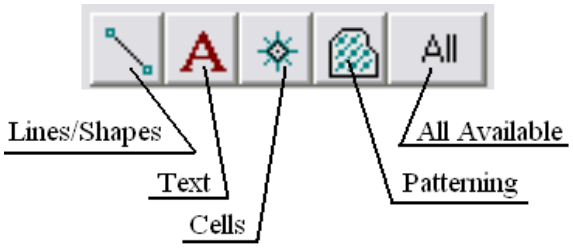
1. Select desired Status in the **Status** area. The categories with existing symbology are **Drainage Basin, Miscellaneous, Storm Sewers, Structures,** and **Xsection**. Also, **Xsection** does not have proposed symbology and will not be displayed when the **Proposed** status is selected. The illustration below shows the category options for **Existing** (left) and **Proposed** (right) status.



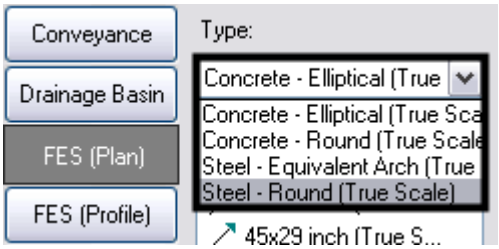
2. Select one of the Category buttons on the left side of the **Hydraulics** area to begin defining the element to be placed. The Category choices will change based on the Status selected.



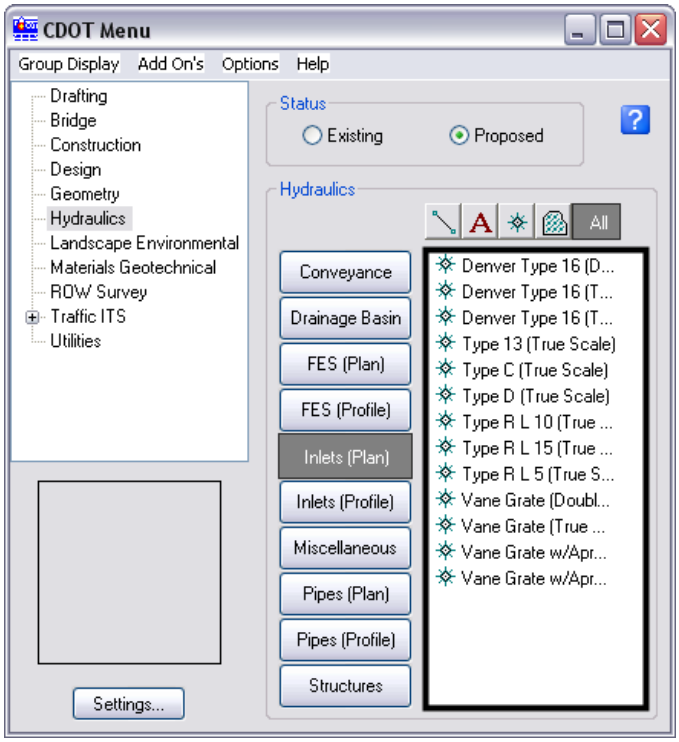
3. If desired, select one of the Filter buttons above the Selection window. These are used to limit the Item list to a specific type of element. The illustration below identifies the element types displayed by each Filter button.



4. The categories of **FES(Plan)**, **FES(Profile)**, and **Pipes(Profile)** have an additional drop down menu for selecting the **Type** of pipe to be used.



5. Select the desired Item from the Selection list. Follow the prompts displayed in the lower left corner of the MicroStation window to complete the element.



Settings Options

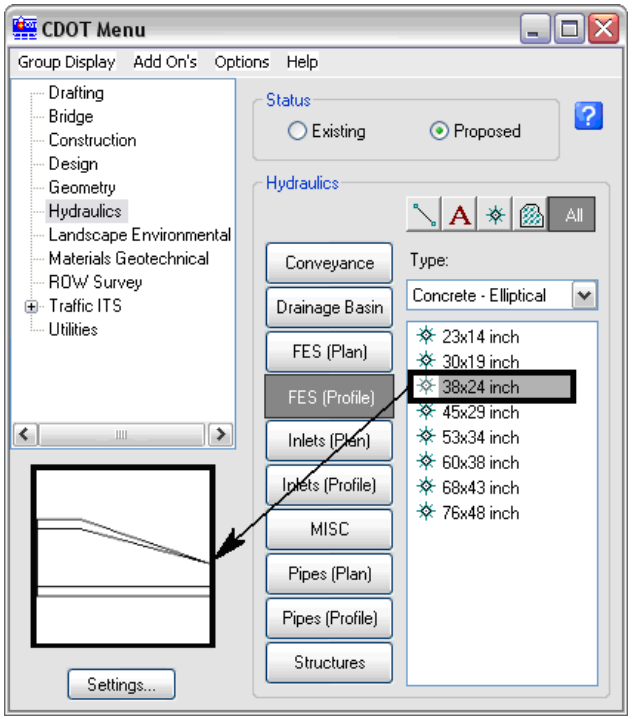
The Settings options are used to change the scale and angle at which element s are placed

6. The **Active Scale** and **Active Angle** settings are accessed from the **Settings** button on the CDOT Menu.

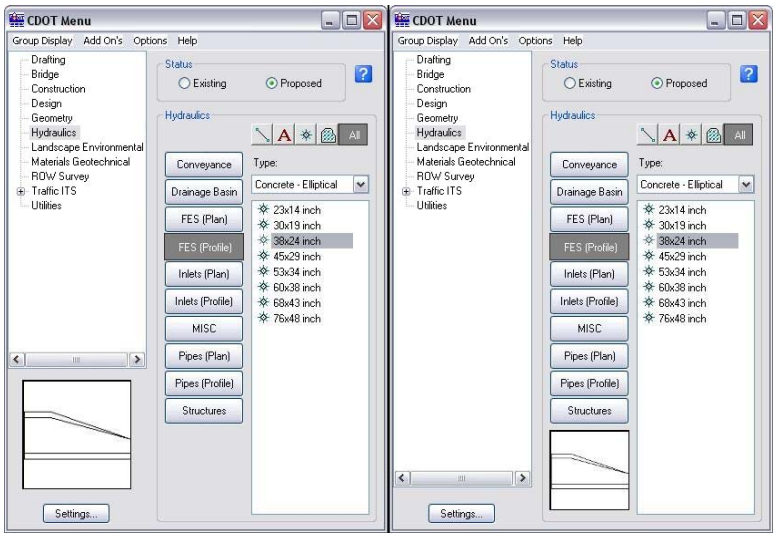
7. To change the **Active Scale** or **Active Angle**, key-in the desired value in the appropriate field. **Note:** the Active Angle is view independent and not associated with view rotation. Therefore, the x-axis is always horizontal regardless of the view rotation.

The Cell Preview Window

8. To see a preview of a cell, <D> on the cell name in the list. The cell is then displayed in the preview window.



9. The **Cell Preview Window** can be relocated within the CDOT Menu. It may reside under the **Menu Explorer** (left) or under the **Category** icons (right).



To move the **Cell Preview Window**, **<D>** and hold on the window, drag it to the new location, and release the mouse button.