The Geopak Criteria InDGN Line tools can be accessed from the D&C Manager, as shown at the right.

(If the items are not found as shown, use the D&C > Edit > Find tool to locate them.)

While reading this document, refer back to the D&C dialog, shown at the right, for the location of all commands listed below.

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Barriers and Walls

The Barriers & Walls options are as shown at the right.

*Double-clicking* any of the Barriers & Walls items causes the appropriate MicroStation element attributes to be set for that option. Most selections will also cause the Geopak Place Influence check box to be checked, as shown by the red arrow below. While the Place Influence option is checked, all elements will be placed with the current element symbology and will continue to do so until it is unchecked.

Example: When the RE-44D item is selected, the active MicroStation element placement attributes change accordingly, as shown below.

When the “Draw Cogo Element” button is clicked, the “Open Job” dialog displays, as shown at the right.

Enter or select the Job number, and click the OK button.

After the above OK button is clicked, the “Draw…” dialog becomes available. Several Element Type options exist, including Lines, Curves, Spirals, and Chains, as shown at the right.

Each of the different Element Type options will produce a selection list associated to that element type, as shown at the right by the list of Curves.

After selecting an element name, (such as one of the Curve names from the list at the right), that element will be drawn in the file with the Place Influence element attributes for that item.
Curb & Gutter

The Curb & Gutter options are as shown at the right.

For the complete path to the Curb & Gutter items, refer to the dialog at the top of this document.

All other dialogs and options are similar to those shown above for Barriers & Walls.

Existing Features

The options for Plan View “Existing Features, InDGN lines”, are accessed through D&C Manager, as shown at the right.

For the complete path to the Existing Features items, refer to the dialog at the top of this document.

All other dialogs and options are similar to those shown above for Barriers & Walls.

Pavement Lines

The options for Pavement InDGN Lines are as shown at the right.

For the complete path to the Pavement items, refer to the dialog at the top of this document.

All other dialogs and options are similar to those shown above for Barriers & Walls.
Shoulders

The options for Shoulders InDGN Lines are as shown at the right.

For the complete path to the Shoulders items, refer to the dialog at the top of this document.

All other dialogs and options are similar to those shown above for Barriers & Walls.

Slopes & Ditching

The options for Slopes & Ditching InDGN Lines are as shown at the right.

For the complete path to the Slopes & Ditching items, refer to the dialog at the top of this document.

All other dialogs and options are similar to those shown above for Barriers & Walls.
Text Markers (ROW Lines)

The options for Right Of Way (ROW) Line Text marker InDGN Lines are as shown at the right.

These commands set the attributes for the InDGN lines used to trace the ROW limits in the Plan View area of the dsn design file. When the GEOPAK Cross-Section (XS) criterion finds this line, it places a small vertical line at the ROW location, with the text “ROW” above the line, indicating the Right-of-Way line location on the roadway cross-section.

For the complete path to the Text marker items, refer to the dialog at the top of this document.

All other dialogs and options are similar to those shown above for Barriers & Walls.