

NCDOT ROADWAY PUBLIC HEARING MAP

CHAPTER 18: PROPOSED RIGHT OF WAY

Navigate to RDY PHM Prop Right of Way Shape Model.

Proposed Right of Way

Drawing Proposed Right of Way Lines

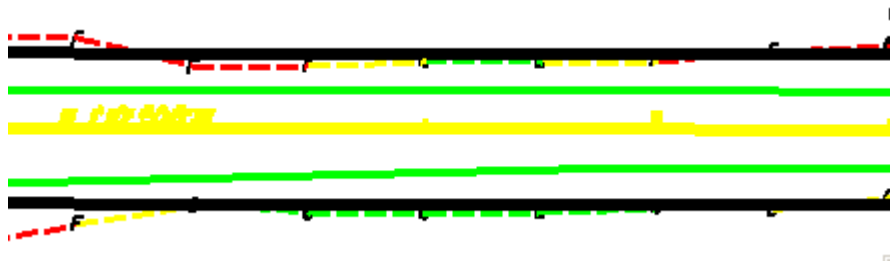
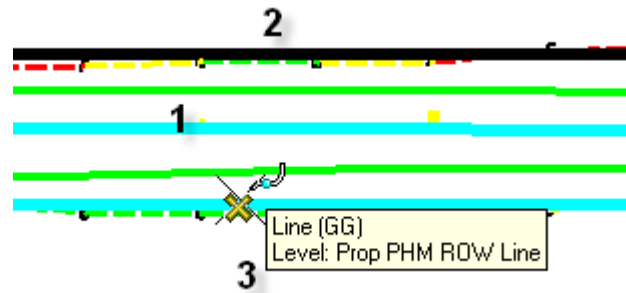
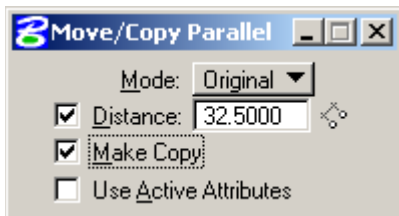
Step 1.

Double-click on the **Proposed Right of Way Line** item. Remember that the proposed right way lines for hearing maps is a black heavy line, not the red custom linestyle with the “R/W” text used for regular plan production.

TIP 1.



Use the **Copy Parallel** tool to copy the centerline to the proposed right of way limits. If the **Proposed Right of Way Line** item is selected and **Place Influence** is checked, then the copied centerline line will automatically change to the black heavy proposed right of way line.



Remember that the right of way line can not be a spiral (Microstation curve) element. Use a line to connect the right of way limits at these locations (chord). An arc element can be used in location within a horizontal curve alignment. Microstation curve elements and Microstation arc elements are two different Microstation element types.

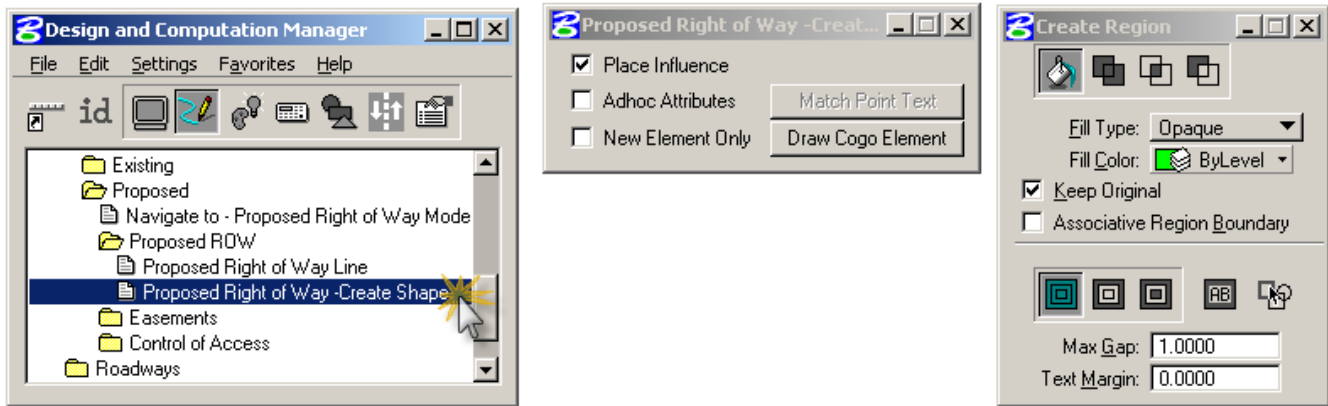
NCDOT ROADWAY PUBLIC HEARING MAP

Creating Proposed Right of Way Shapes

Navigate to RDY PHM Prop Right of Way Shape Model.

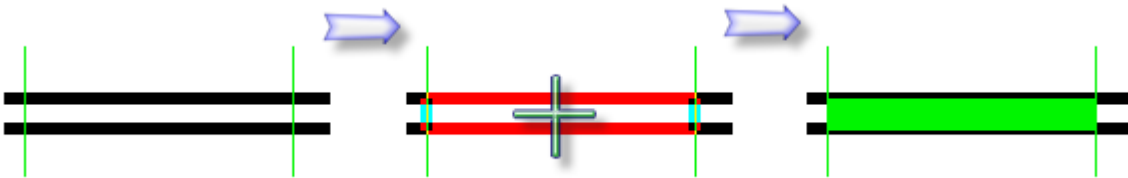
Step 1.

After all right of way lines has been created, double-click on the **Proposed Right of Way – Create Shape** item. Make sure **Place Influence** and **Keep Original** are checked. Keeping the original proposed right of way line is required to distinguish the line separate from the proposed right of way shape.



Step 2.

Click inside the area to create the shape. Remember that the default **Create Region** tool requires the area to be closed before the shape can be made. Sometime it is necessary to close these areas with line element first before creating the shape.



Step 3.

Last, when all proposed right of way shapes have been created, delete everything except for the newly created green right of shapes (simple and complex shapes) and the black proposed right of way lines. Use the **Select by Attributes** tool (chapter 2) to accomplish this task.

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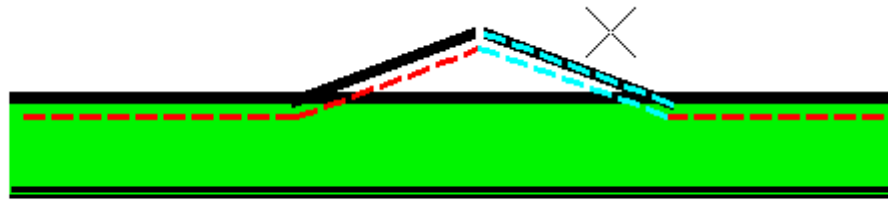
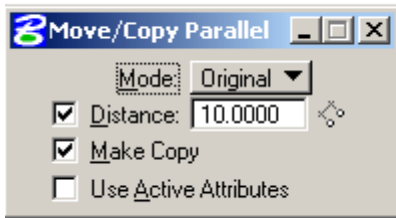
Proposed Easements

Navigate to RDY PHM Prop Right of Way Shape Model.

Step 1.

Use the (draw) **Proposed Right Way Line** item to create the limits of the easement.

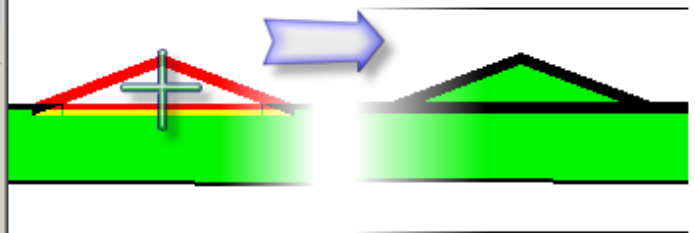
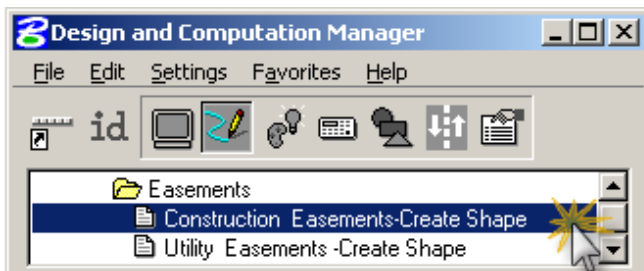
Usually easement lines are located 10' from the slope stake lines. If this the case, then while having the **Proposed Right Way Line** item selected and **Place Influence** checked, Copy Parallel the slope stake line with an offset distance of 10' to create the easement limits.



Extended and clip the new easement (right of way) lines to close the area before creating the shape.

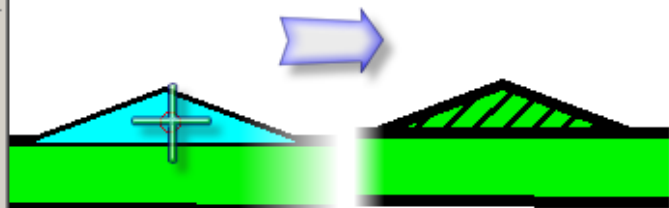
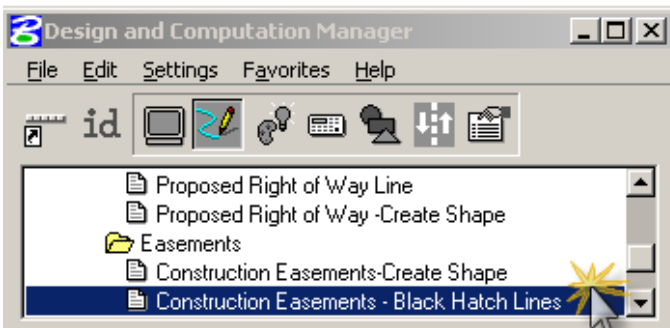
Step 2.

Turn off the slope stake levels first. When the area is closed, double-click on the **Construction Easements- Create Shape** item and data point to anywhere inside the easement area to create the shape.



Step 3.

Last, hatch the easement shape. Double click on the **Construction Easements- Black Hatch Lines** item and identify the easement shape to hatch.



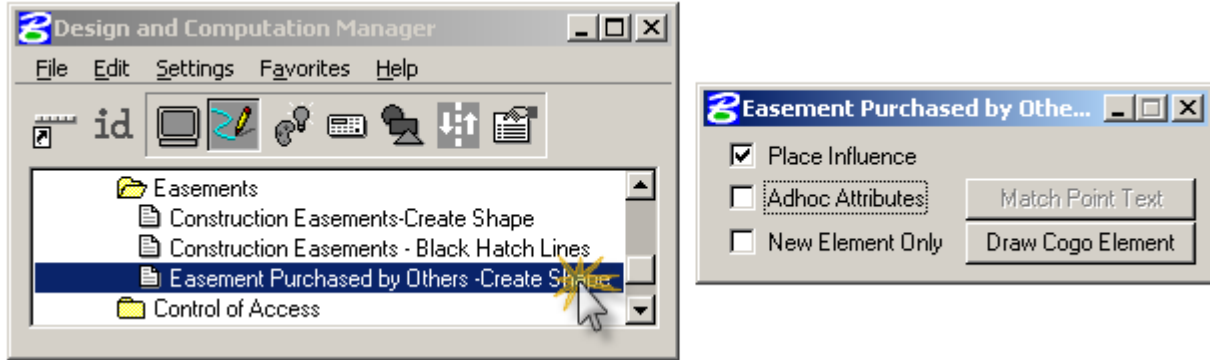
NCDOT ROADWAY PUBLIC HEARING MAP

Creating Easement Purchased by Others Shapes

Navigate to RDY PHM Prop Right of Way Shape Model.

Step 1.

Double-click on the **Easement Purchased by Others – Create Shape** item. Make sure **Place Influence** is checked.



Step 2.

Click (1) anywhere inside the area of easement purchased by others and DP (2) again to anywhere on the screen to accept the region.



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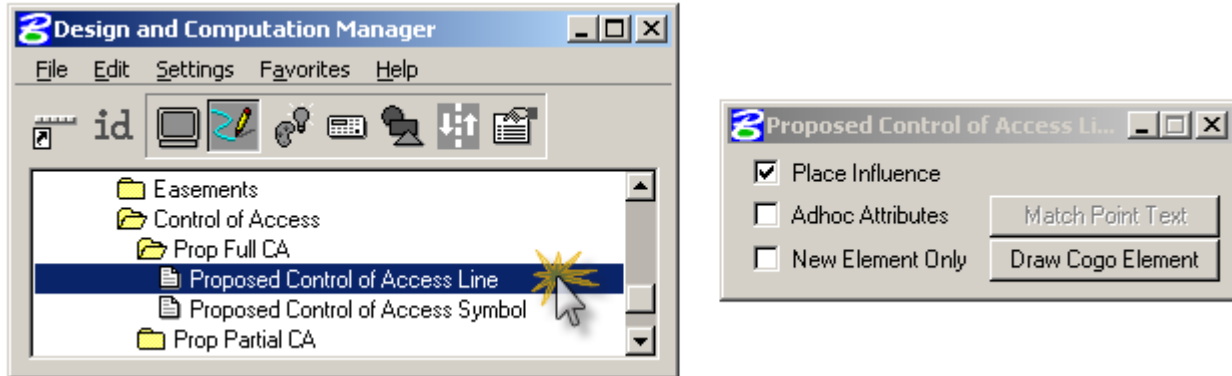
Proposed Full Control of Access

Navigate to RDY PHM Prop Right of Way Shape Model.

Drawing the Full Control of Access Lines

Step 1.

Double-click on the **Proposed Control Access Line** item. Make sure **Place Influence** is checked.



Step 2A.

Draw the limits of full control of access. The control of access red line can be placed on top of the black right of way line. The red control of access line has a higher plot priority than the black right of way line.



Step 2B.

Option: If most of the project is full control of access, copy the proposed black right of way lines and change the level to **Prop PHM CA Line**. Having the **Proposed Control of Access Line** item selected and **Place Influence** checked will automatically change the black right of way lines to the red control of access lines.

NOTE:

When the control access line goes across the roadway and it is a dashed red line instead of just a solid red line, then close the D&C Manager and change the line code from 0 to 3 for dashed lines.

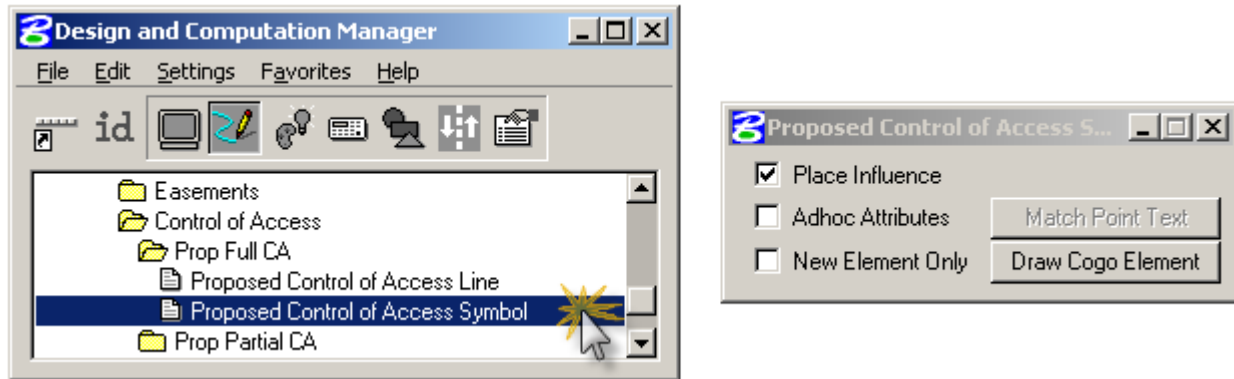
NCDOT ROADWAY PUBLIC HEARING MAP

Placing the Full Control of Access Cell

Navigate to RDY PHM Prop Right of Way Shape Model.

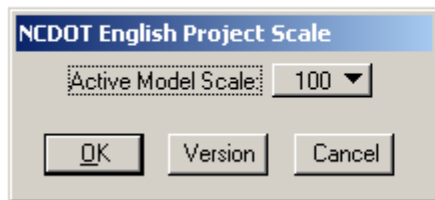
Step 1.

Double-click on the **Proposed Control Access Symbol** item. Make sure **Place Influence** is checked.



Step 2.

Place (1) the cell origin on the control access line. Then rotate (2) the cell zeroed to the sheet. **Project Scale** determines the size of the cell.



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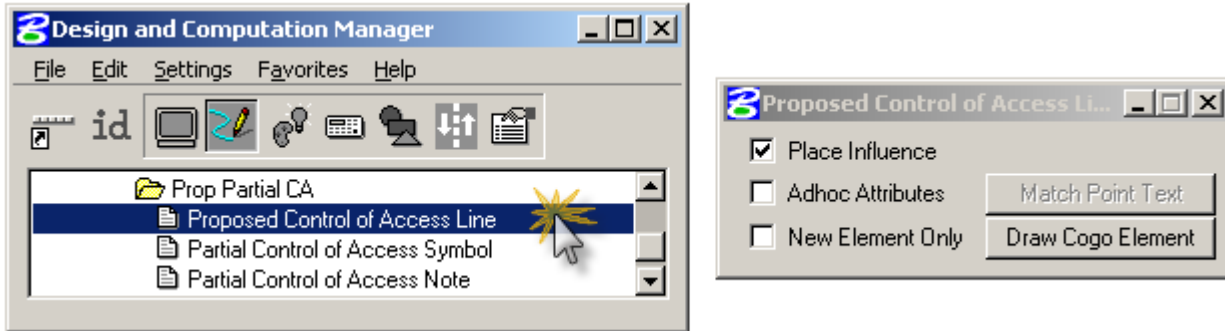
Proposed Partial Control of Access

Navigate to RDY PHM Prop Right of Way Shape Model.

Drawing the Partial Control of Access Lines

Step 1.

Double-click on the **Proposed Control Access Line** item. Make sure **Place Influence** is checked.



Step 2A.

Draw the limits of partial control of access. The control of access red line can be placed on top of the black right of way line. The red control of access line has a higher plot priority than the black right of way line.



Step 2B.

Option: If most of the project is full control of access, copy the proposed black right of way lines and change the level to **Prop PHM CA Line**. Having the **Proposed Control of Access Line** item selected and **Place Influence** checked will automatically change the black right of way lines to the red control of access lines.

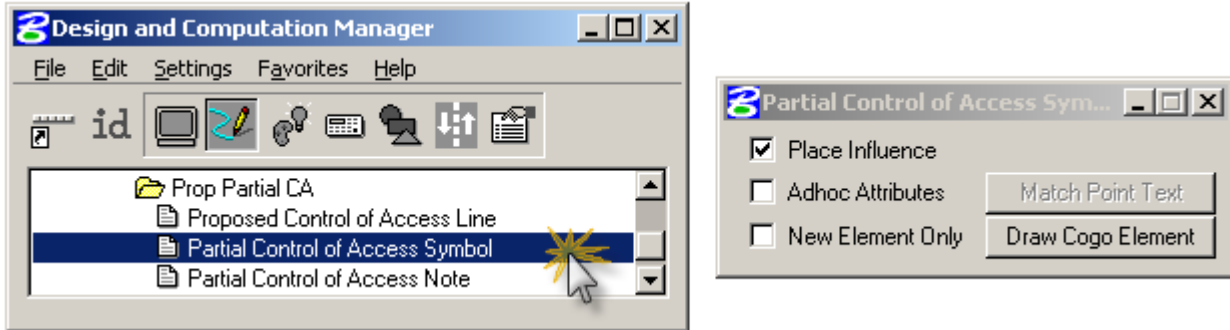
NCDOT ROADWAY PUBLIC HEARING MAP

Placing the Partial Control of Access Cell

Navigate to RDY PHM Prop Right of Way Shape Model.

Step 1.

Double-click on the **Partial Control Access Symbol** item. Make sure **Place Influence** is checked.



Step 2.

Place the cell origin on the control access line. Then rotate the cell zeroed to the sheet. **Project Scale** determines the size of the cell.



Placing the Partial Control of Access Note Cell

Double-click on the Partial Control of Access Note item and place the cell.

NOTE:
Partial Control of Access is defined as one access point per parcel. For properties with large road frontages (for example, 2000 feet or more), an additional access point may be considered. For properties that have access, such as side road access [insert mainline name (e.g. US 601)] may be eliminated.