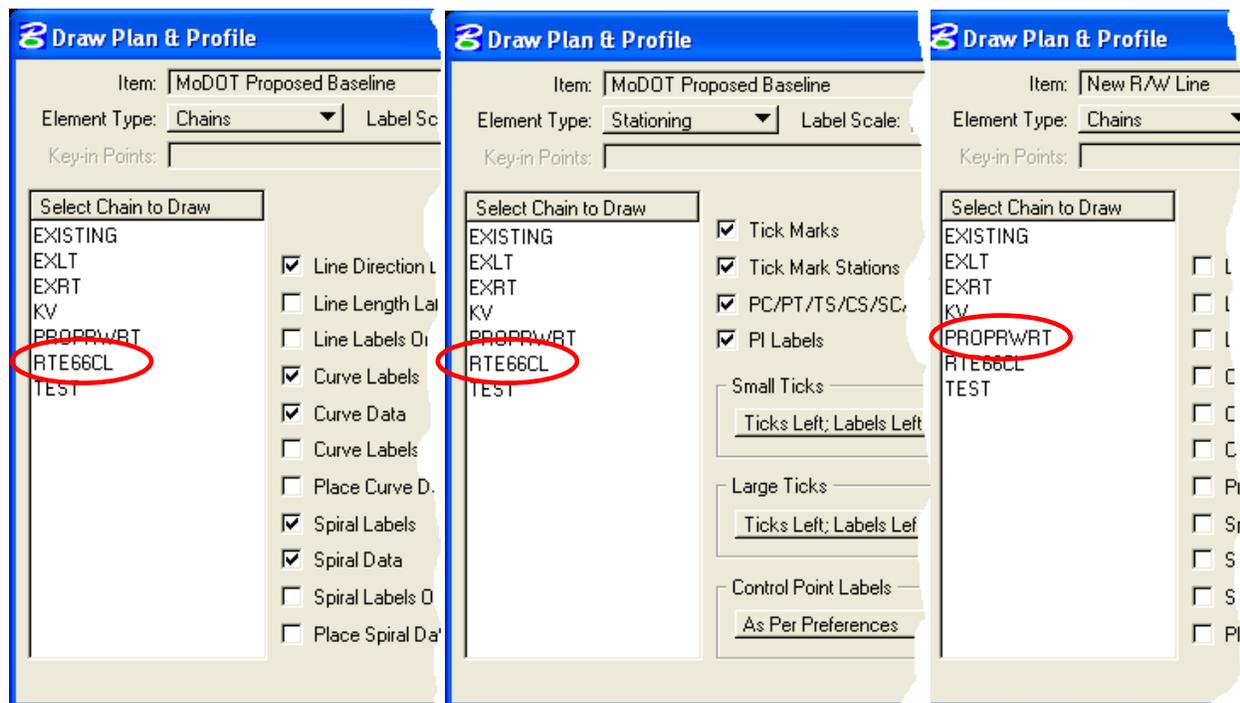


4.1 Exercise

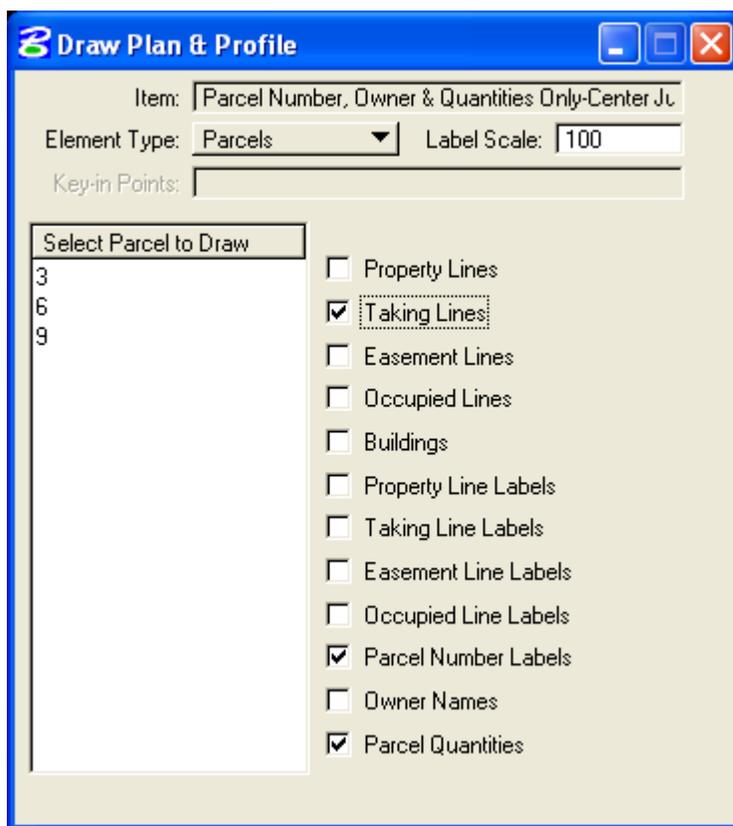
1. Open the MicroStation file **RW_J7S0066.dgn**. Do a fit view and turn **Display** off for all reference files.
2. Select all the elements in the design file and delete them.
3. Visualize all COGO points.

4. Using the D & C Manager plot the proposed alignment **RTE66CL** chain and stationing also plot chains **PROPRWRT** & **PROPRWLT** New R/W lines.

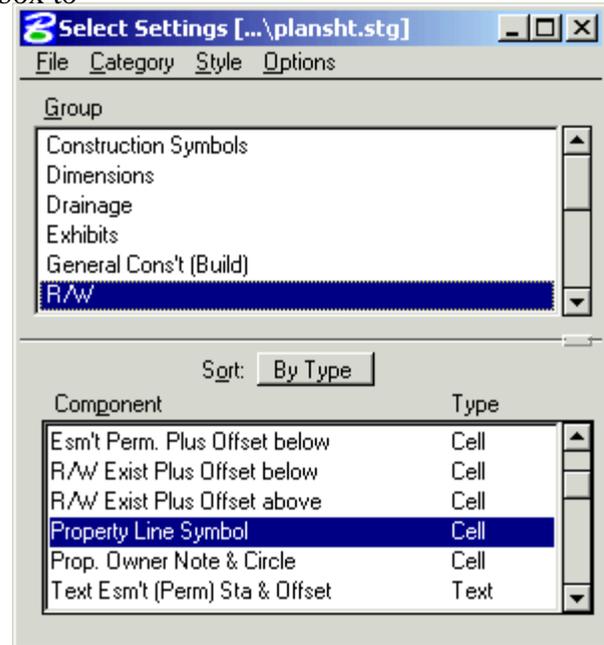
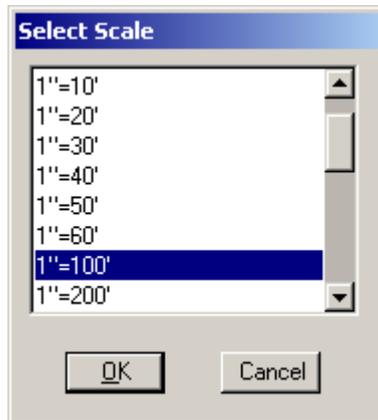


5. Go to **Drafting Standards \ R/W \ Parcels**. Select **Parcel Number, Owner & Quantities Only – Center Justification**. Select the **Draw Plan & Profile** button in the operations dialog box.

Plot the **Parcel Number Labels** and **Parcel Quantities** for all the parcels by **single** clicking on each of the parcels.

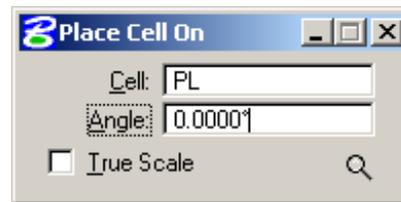


6. To add the property line symbol, select the MicroStation menu **MoDOT > Plan Sheet**, which will display the **Select Settings** dialog box to the right. Select **Category > Scale** from the menu for that dialog to bring up the **Select Scale** shown below. Select the **1"=100'** scale and click **OK** to set the active scale to match the text already plotted in the drawing.



In the **Select Settings** dialog, choose the component **Property Line Symbol** in the **R/W** group to make it the active cell.

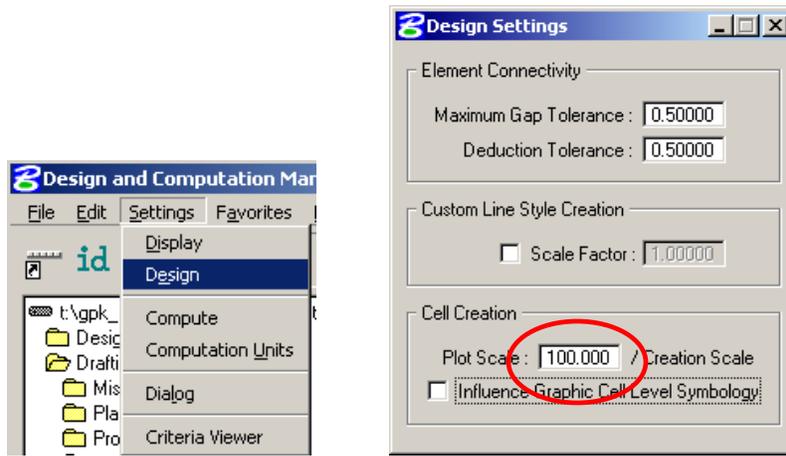
Select **Cell Tools** from the MicroStation **Add-Ons** menu to bring up the toolbox shown below on the left. The third tool in the tool box is the **Place Cell On** tool, which will be used to place the "PL" cell on the Property line and is shown below on the right.



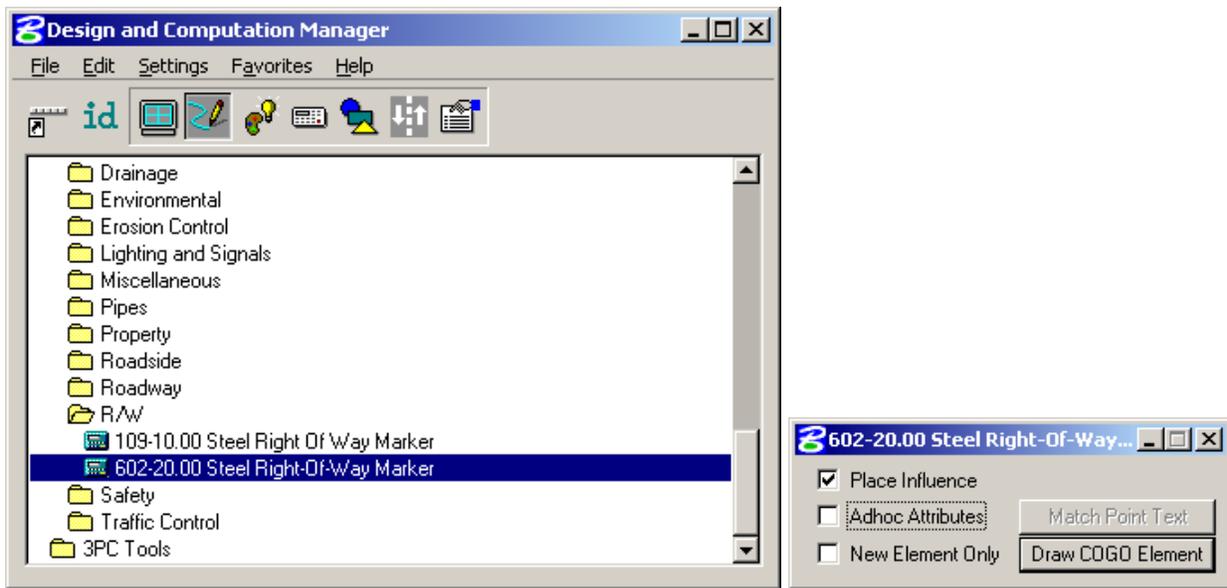
Place the Property Line Symbol on each line of the property.

7. Make sure **Graphic Group** lock is off. Delete duplicate lines with R/W lines remaining instead of property lines and longer property lines remaining instead of shorter property lines. **Hint**, when you select at the location of a duplicate line, MicroStation picks the line that was plotted first as its initial selection. Hitting **Reset** (right mouse button) will cycle through the duplicate elements.

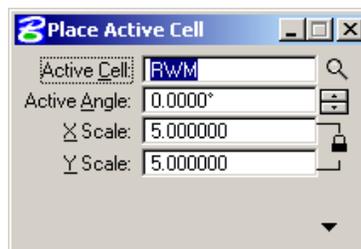
8. In D & C Manager, open the **Settings > Design** dialog box. Set **Plot Scale = 100**. Close dialog.



Switch the active item to **Payitems \ R/W \ 602-20.00 Steel Right of Way Marker**. Double click on the item and make sure **Place Influence** is on.



Using your snaps, place the cell at the kinks on the **new R/W** lines for the **proprwrt** chain.



9. Save the changes to the MicroStation file.

4.2 Exercise

1. Open the MicroStation file **rw_j7s0066.dgn**.
2. Use D & C Manager to plot the property lines, property line symbols, and parcel numbers for parcel 6 and parcel 9. Delete any duplicate lines, using the same criteria as those for Step 5 in the previous exercise. Also, add the **Steel Right of Way Marker** cell at the kinks in the **new R/W** line for chain **proprowlt**. Save the changes to the MicroStation file.