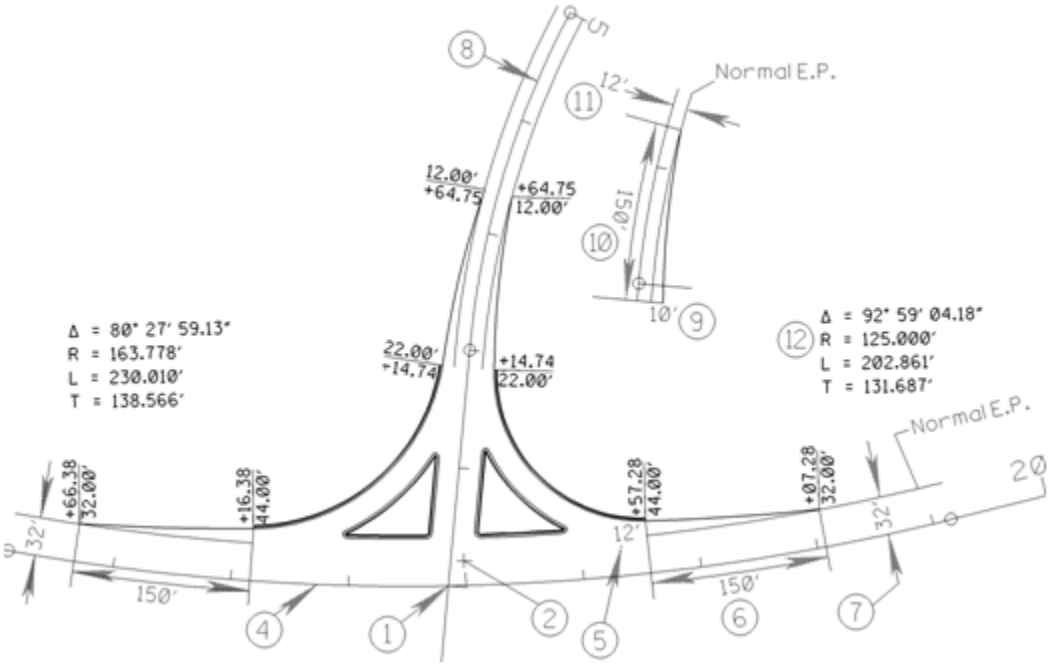
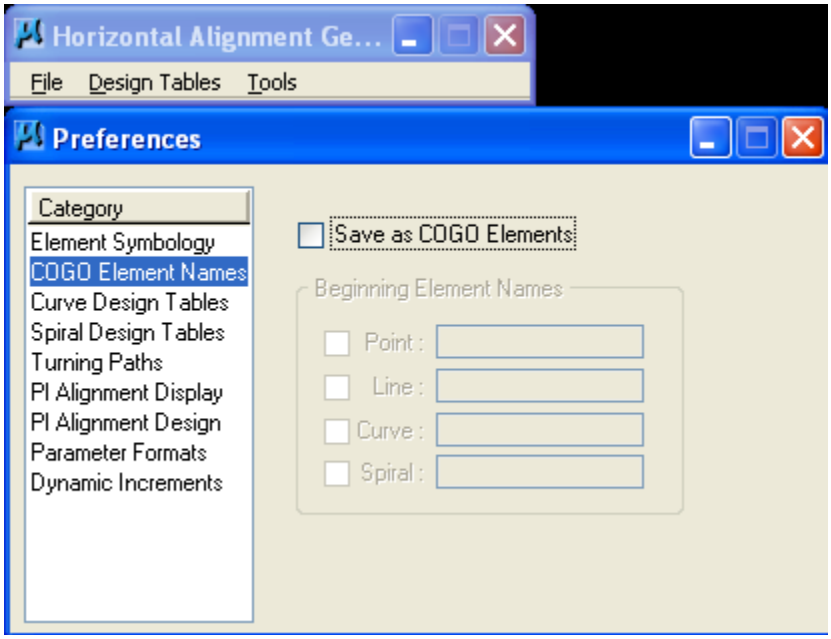
TAPER-CURVE-TAPER

1. DP Intersection *(of two chains).*
2. DP Small Angle Side Close to Intersection
3. Keyin Job Number
4. Keyin ML Chain Name
5. Keyin ML Taper Width (i.e. 12)
6. Keyin ML Taper Length (i.e. 150)
7. Keyin Offset from ML Chain to Outside EP *(Normal EP)* (i.e. 32)
8. Keyin LR Chain Name
9. Keyin LR Taper Width (i.e. 12)
10. Keyin LR Taper Length (i.e. 150)
11. Keyin Offset from LR Chain to Outside EP *(Normal EP)* (i.e. 12)
12. Keyin Small Angle Side Curve Radius (i.e. 125)
13. Enter Scale: 100,20, etc. *(For text size purposes)*



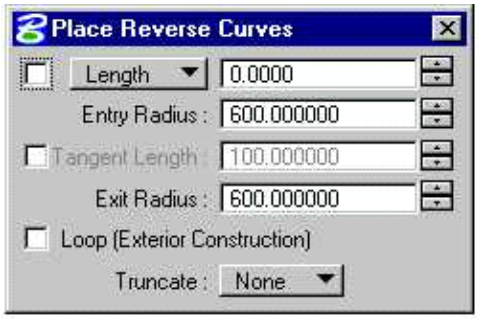
REVERSE / SIMPLE / COMPOUND CURVES

1. Tag "File -> Preferences" and then "COGO Element names" and UNCHECK "Save as COGO Elements". Also in Parameter Format, tag Parameters and set either Radis or Degree dependinng on what you want to input.

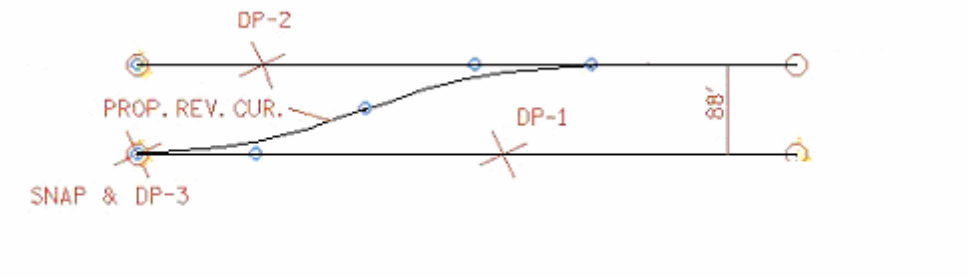


2. Choose Tools -> Curve Combinations For Reverse & Compound curves (Lines/Curves for Simple Curves) from the Hor. Ali. Generator to invoke the following palette.

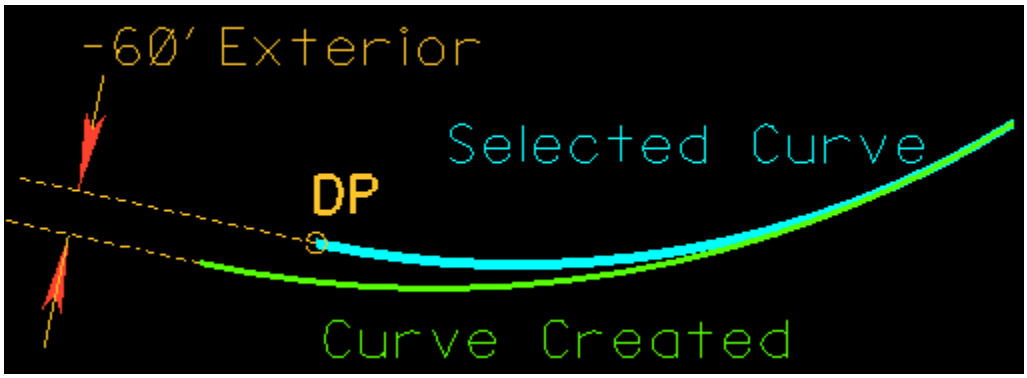
3. Choose the Reverse Curve button (Lower Left corner of palette above) to invoke the dialog shown below.



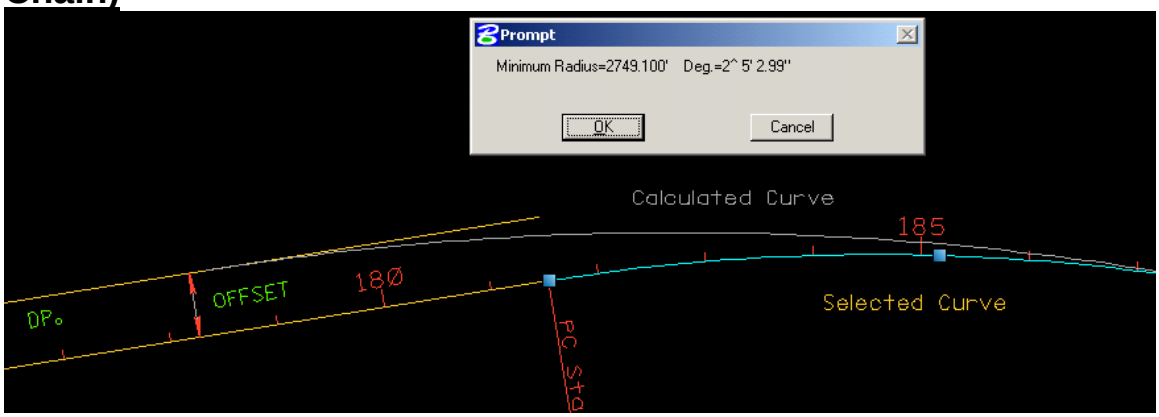
4. Enter the correct info on the dialog & follow the prompts. In this example, I issued the DP's in the order & location shown in the figure below. The 1st element DP'd (DP1) should be the one where you want to Snap & DP your begin and end to (DP3).



CURVE SHIFT DGN (Select 1 ARC)



CURVE SHIFT COGO (Select ARC which is part of a stored Chain)



Text file created which can be read into COGO:
Loc 10002 on cha h471 Sta 176+98.02 R 1 OFF -60.0000
EQ 10001 to PC C1
ALI tiepc INC
POT 10001 TD PC C1 to PI C1
$ CUR tiepc1 TL 0 R 1909.859 P DEF ?
CUR tiepc2 TL 0 R 2749.100 P DEF ?
POT 10002 TL ? TD PI C1 TO PT C1
END ALI