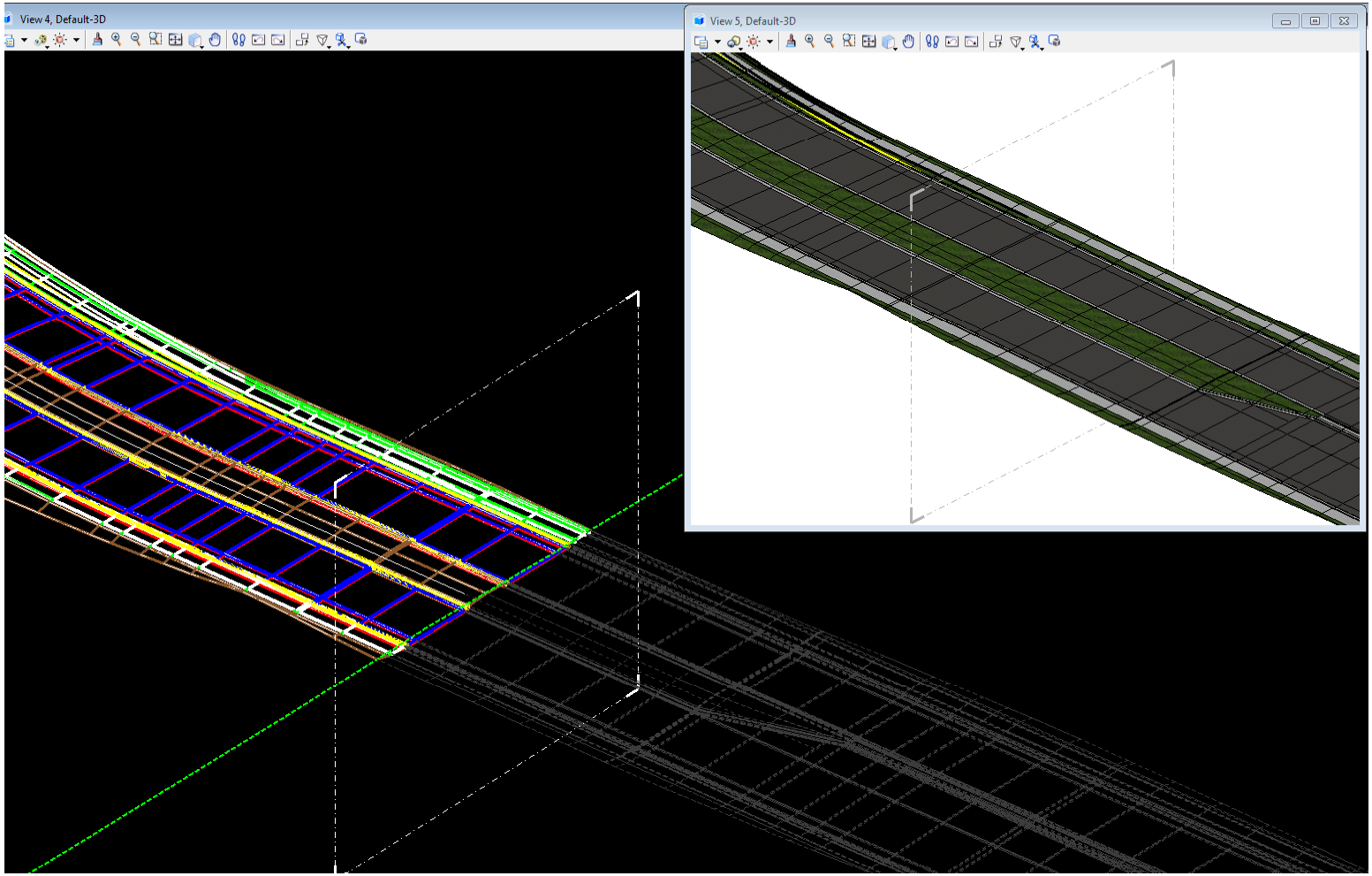
From Civil Model to Cross Section Sheets in FDOTSS3

2014 Design Training Expo

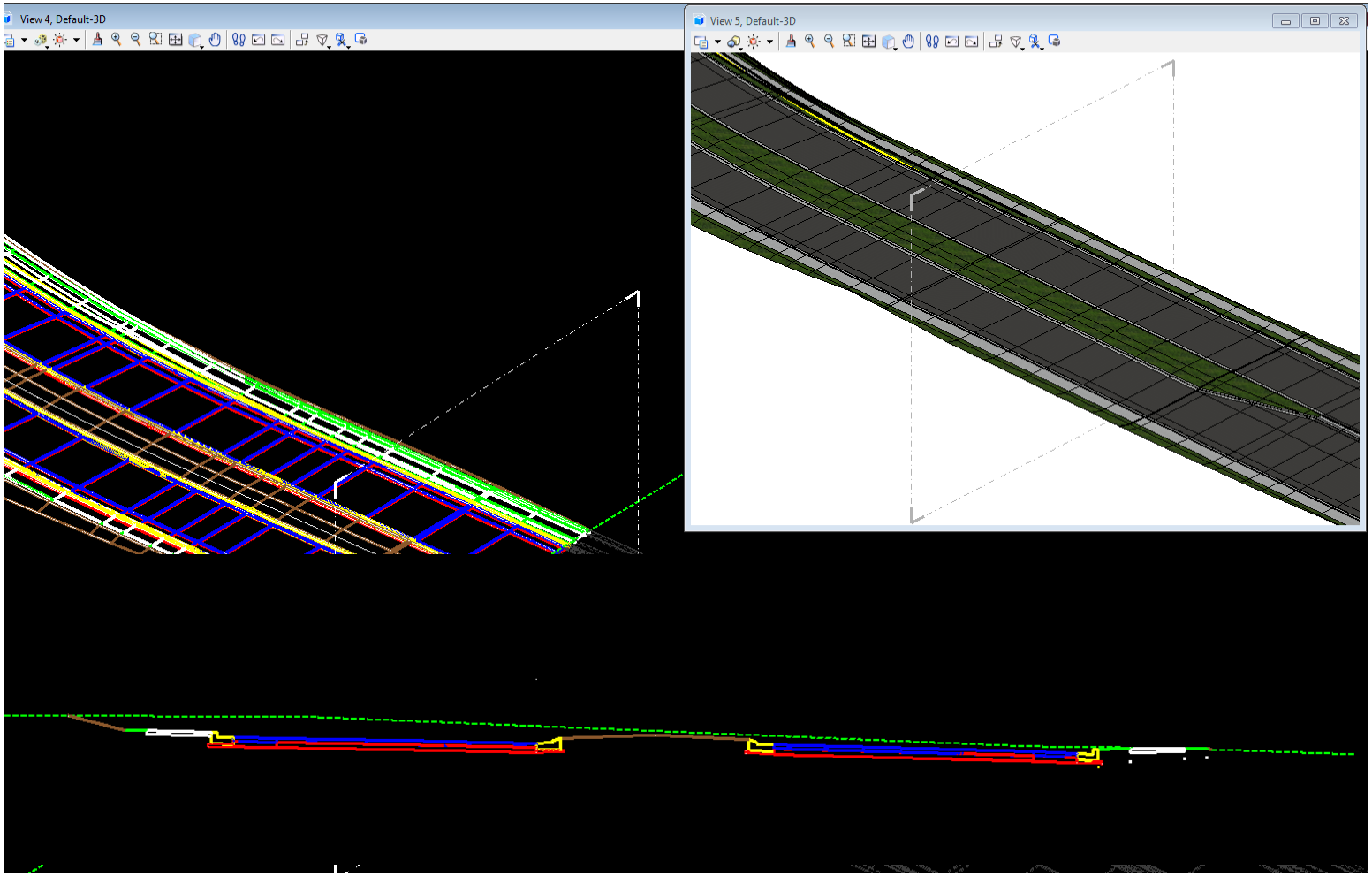
Vern Danforth

Wednesday, June 11, 2014 2pm

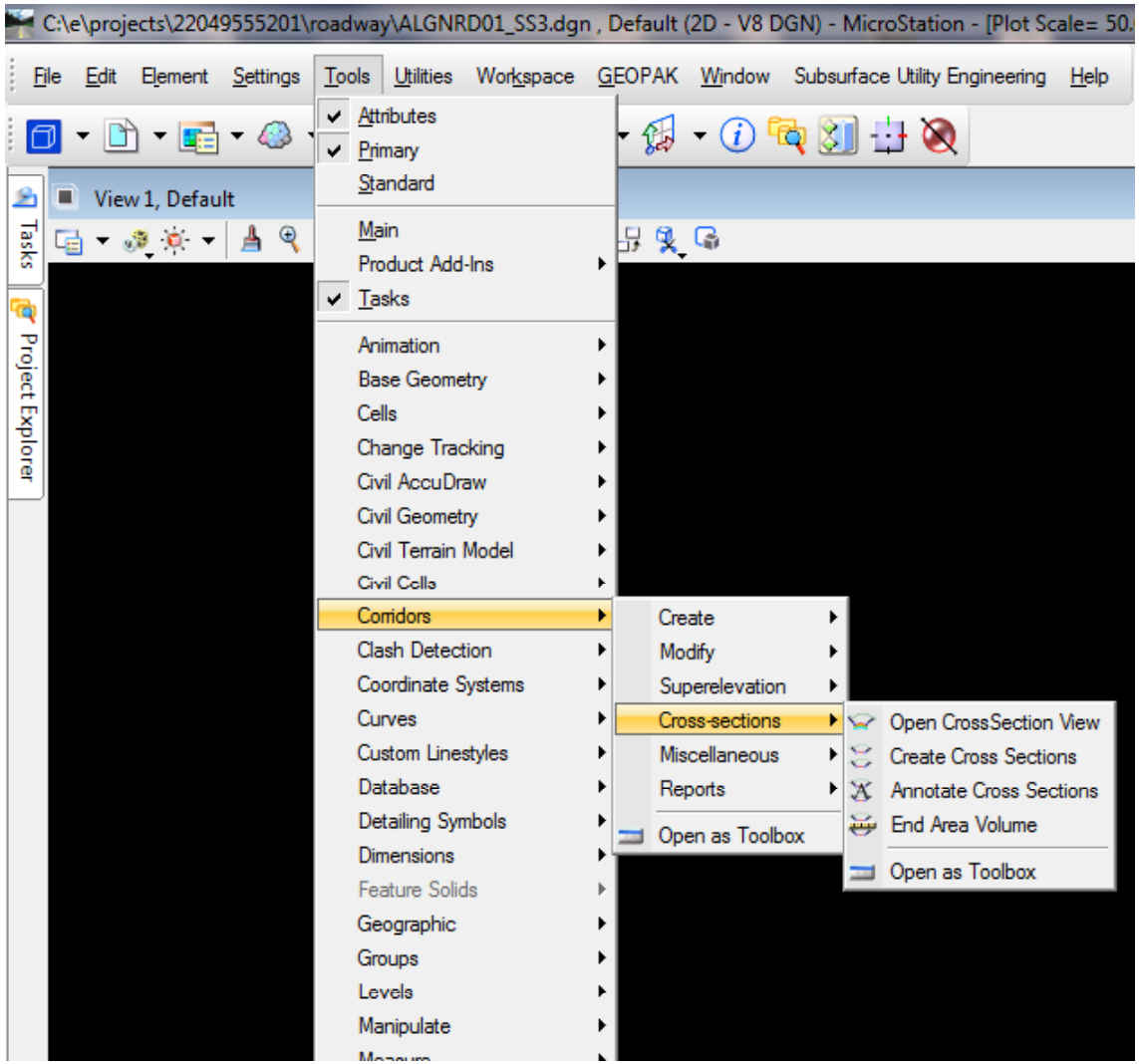
Civil Model to Cross Section



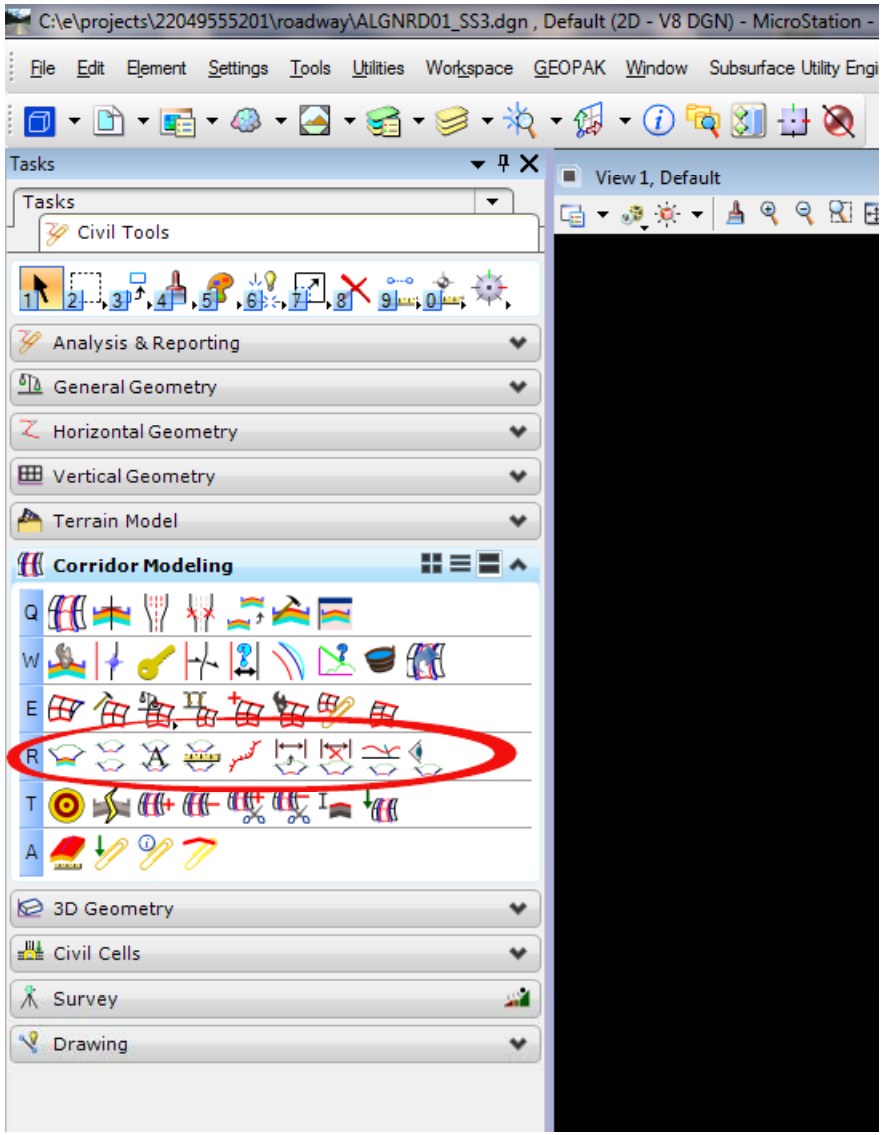
Civil Model to Cross Section



Tools Corridor > Cross-sections



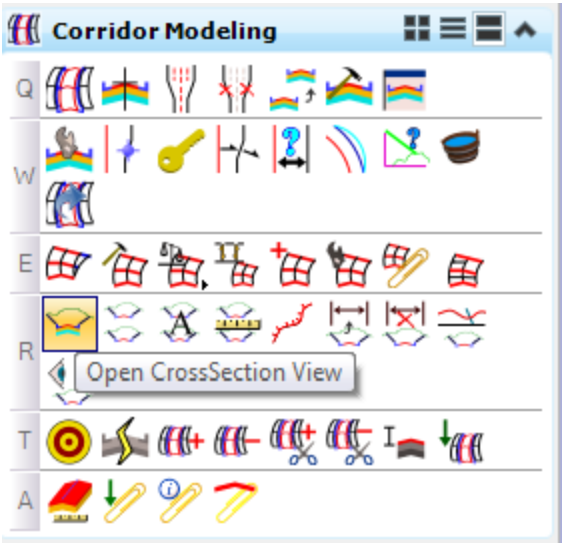
Civil Tools – Corridor Modeling

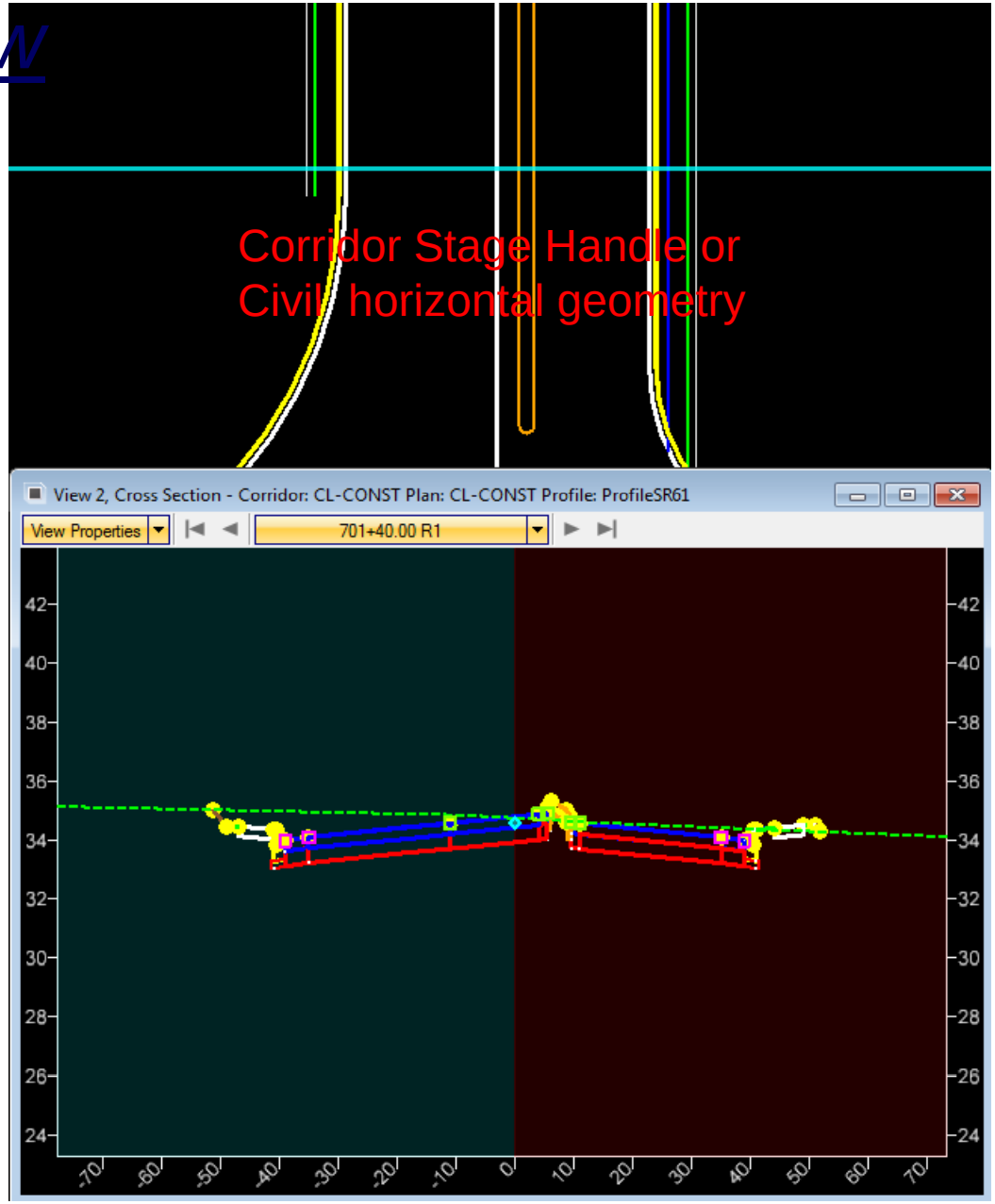


Cross Section Tools

- Cross Section View
  - Ex Terrain and features will display with 3D Model
  - Dimension Cross Section Temporary
  - Cross Section by Data point
- Create Cross Sections
  - Pattern Lines or Station Range
  - Stacked or by Sheets
- Annotate Cross Sections
  - Elevation Offset
  - Slope
  - End Area Volume
  - Utilities - Bore Hole Navigator
  - Draw Ancillary Features

Cross Section View





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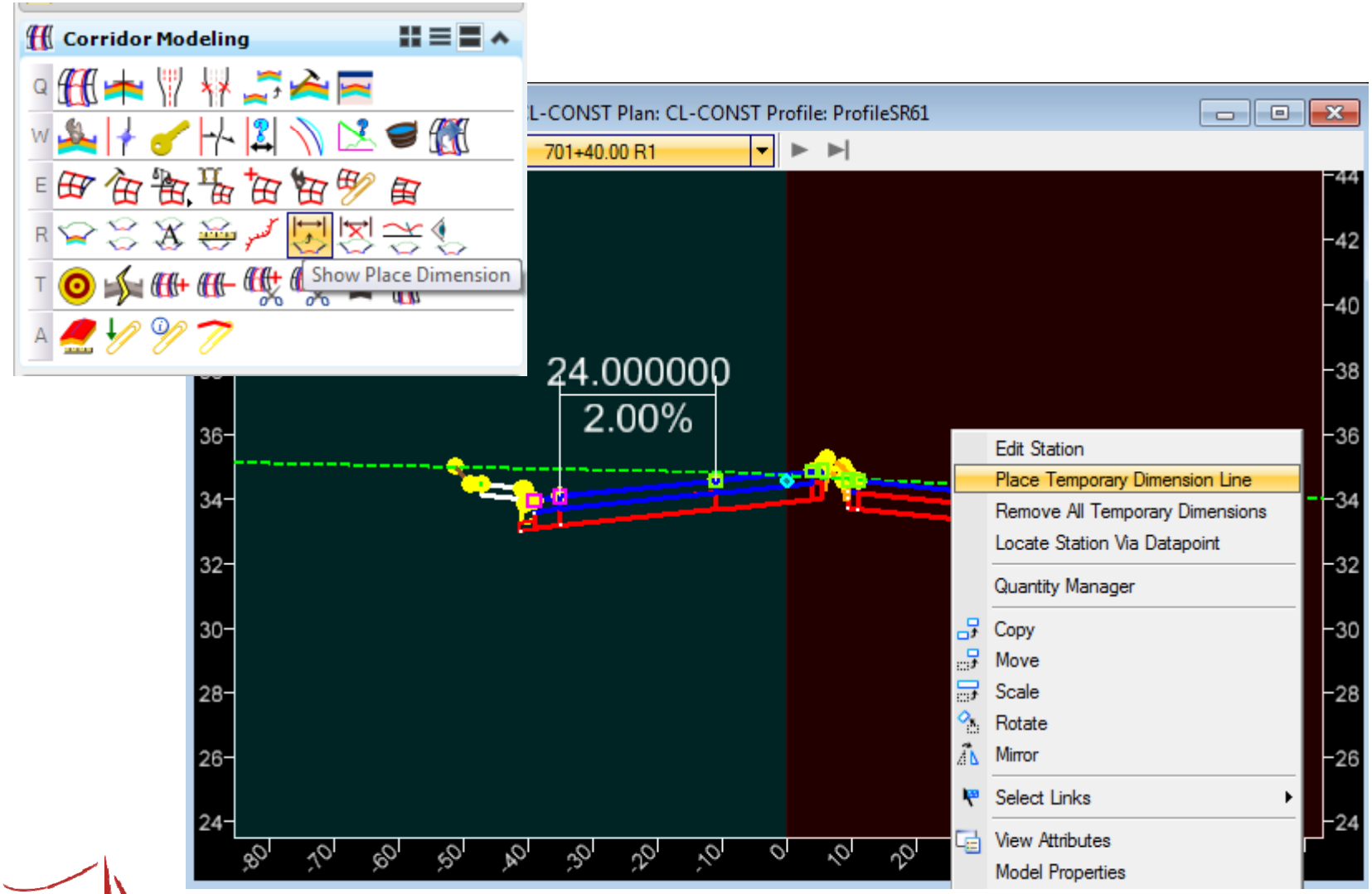
Cross Section View



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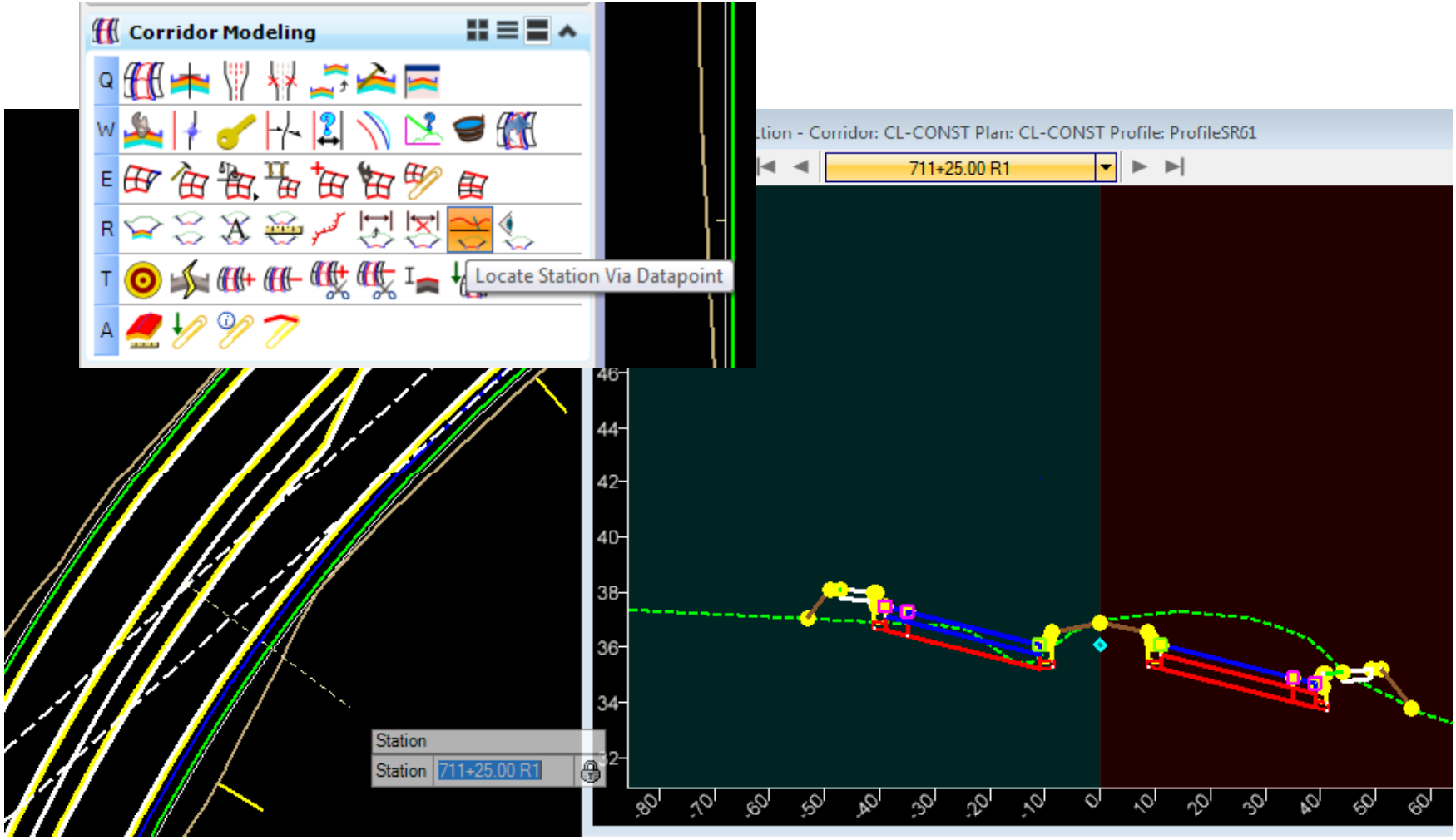
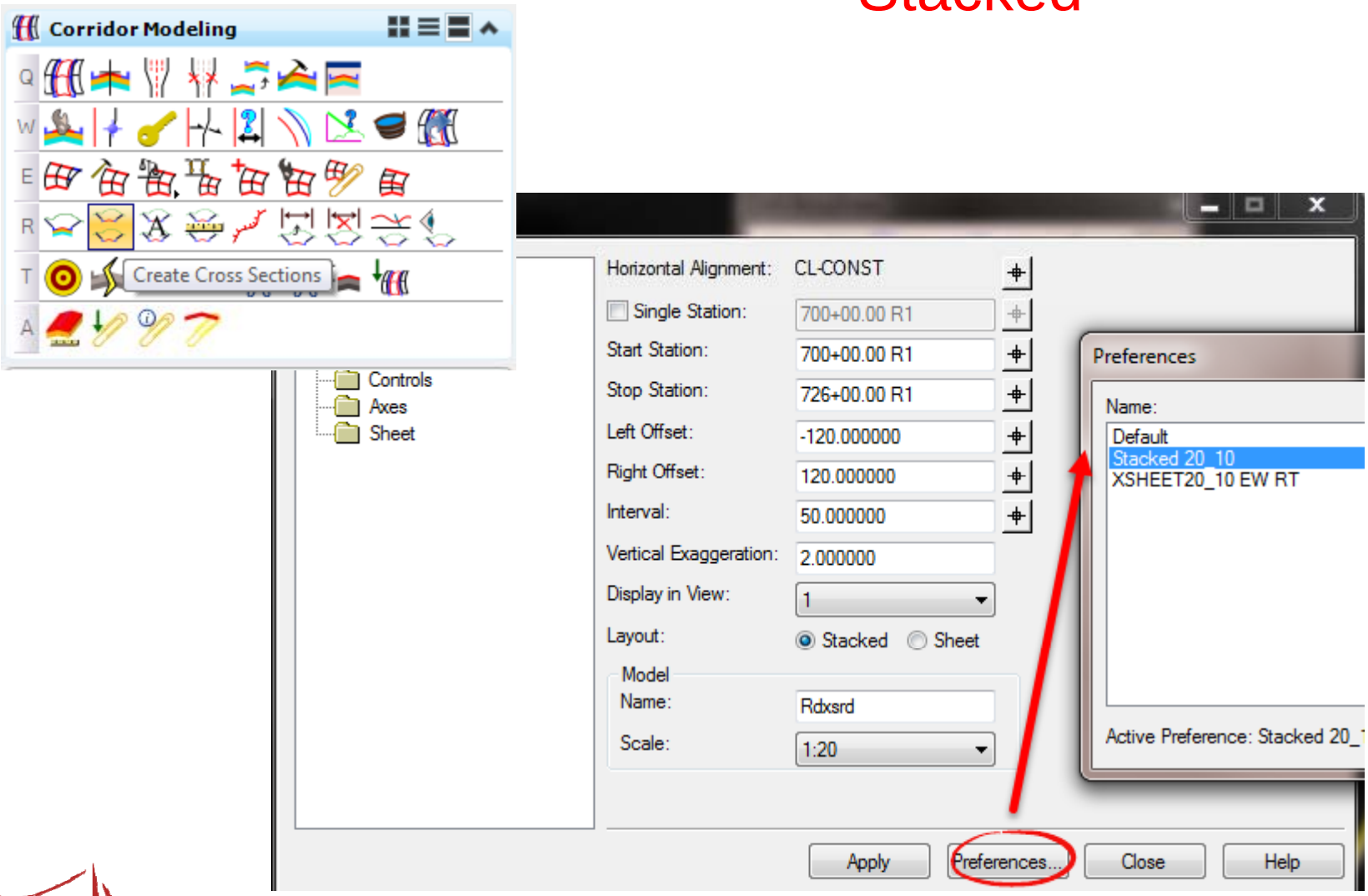
Cross Section View



Create Cross Sections

Stacked



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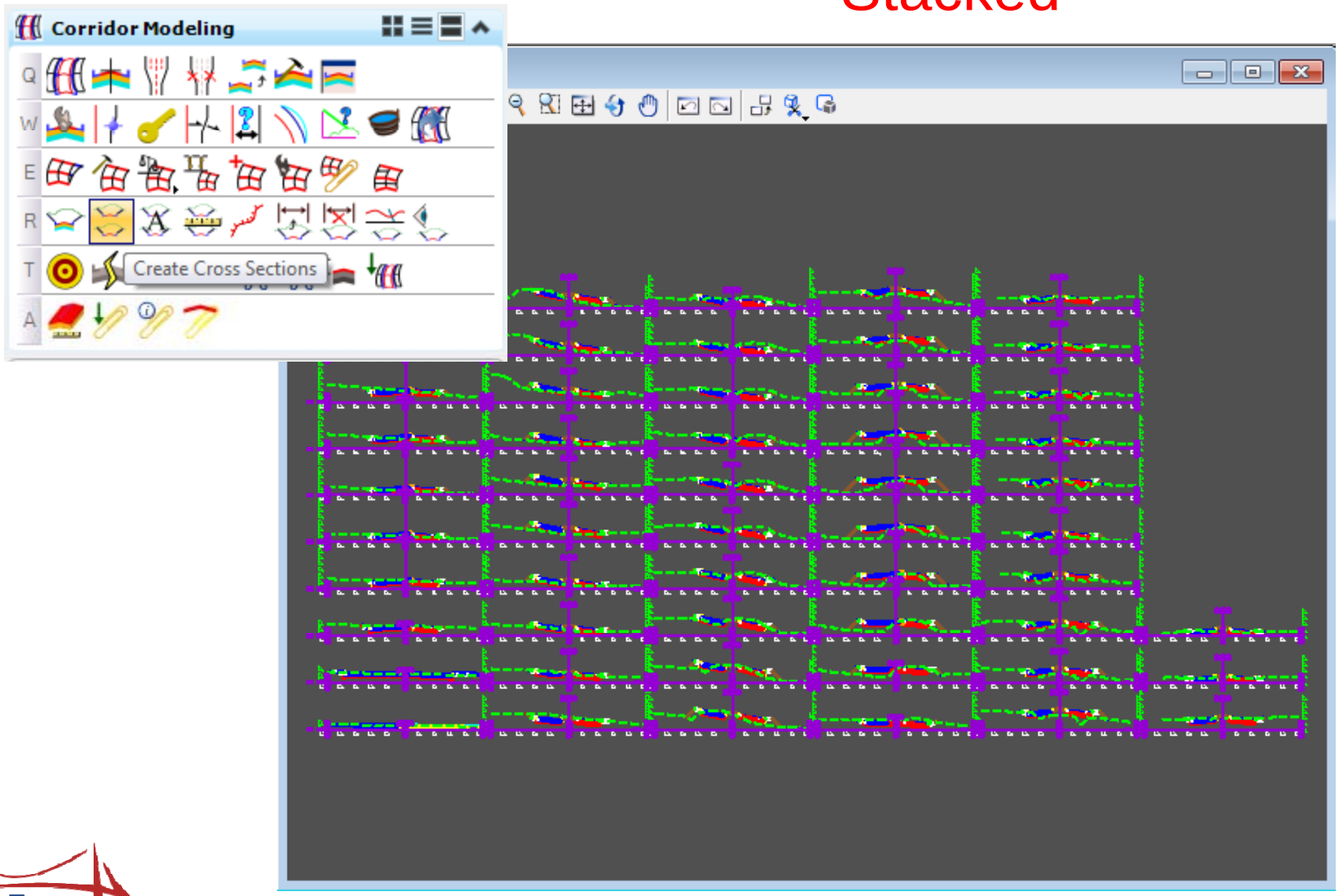
Create Cross Sections

Stacked



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Create Cross Sections

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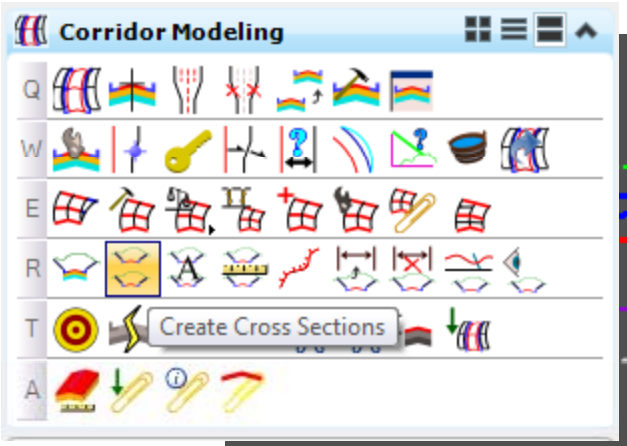

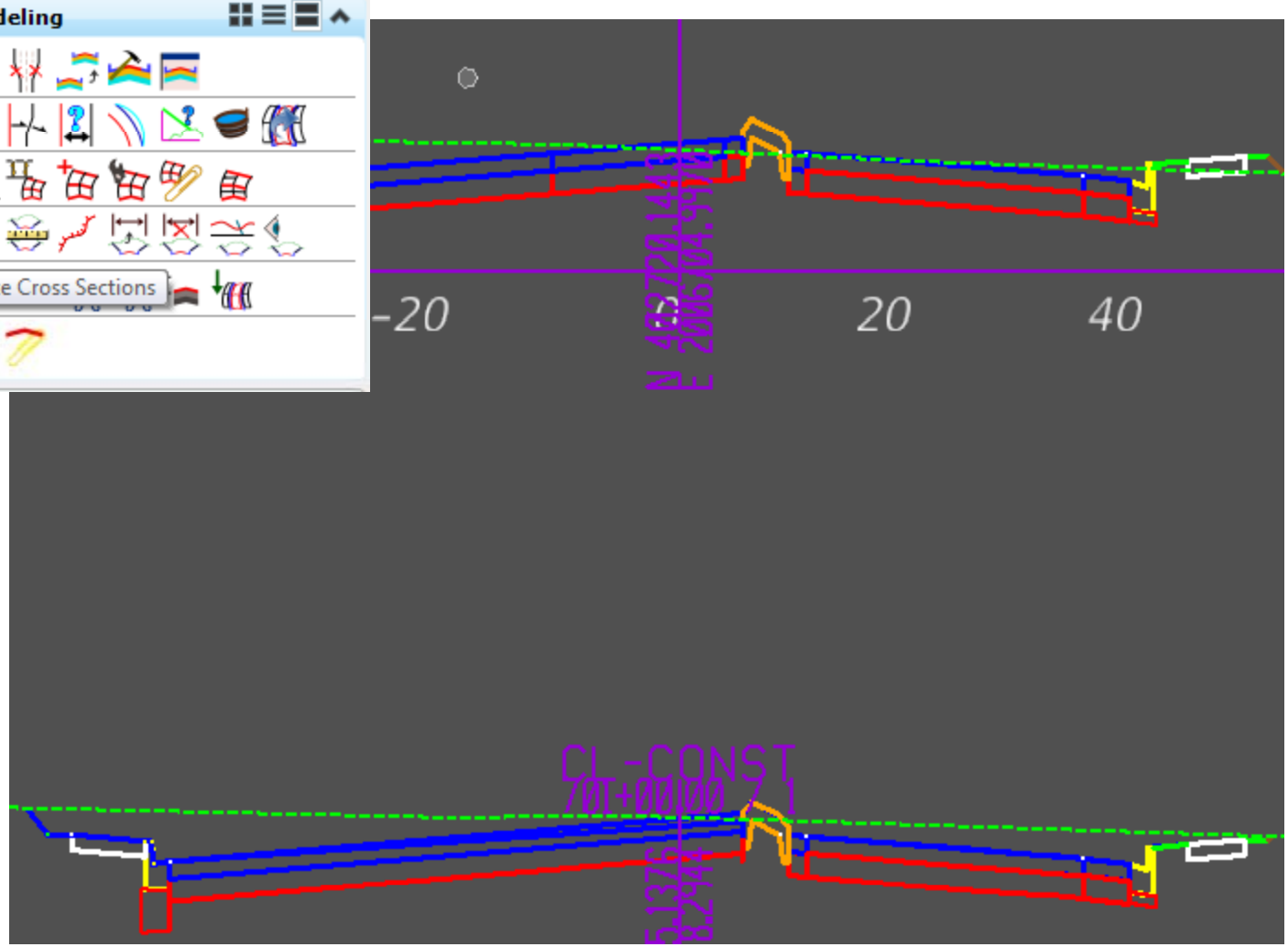

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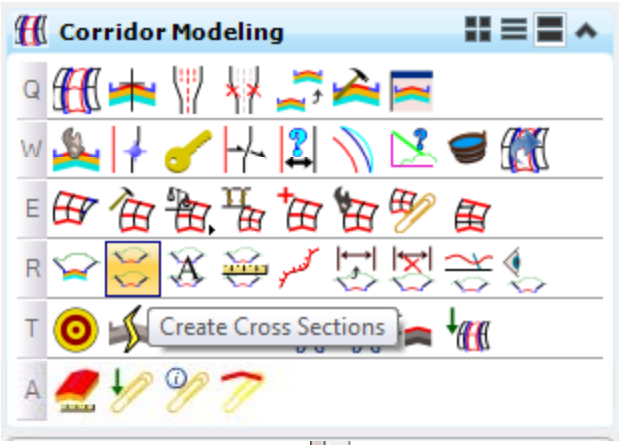
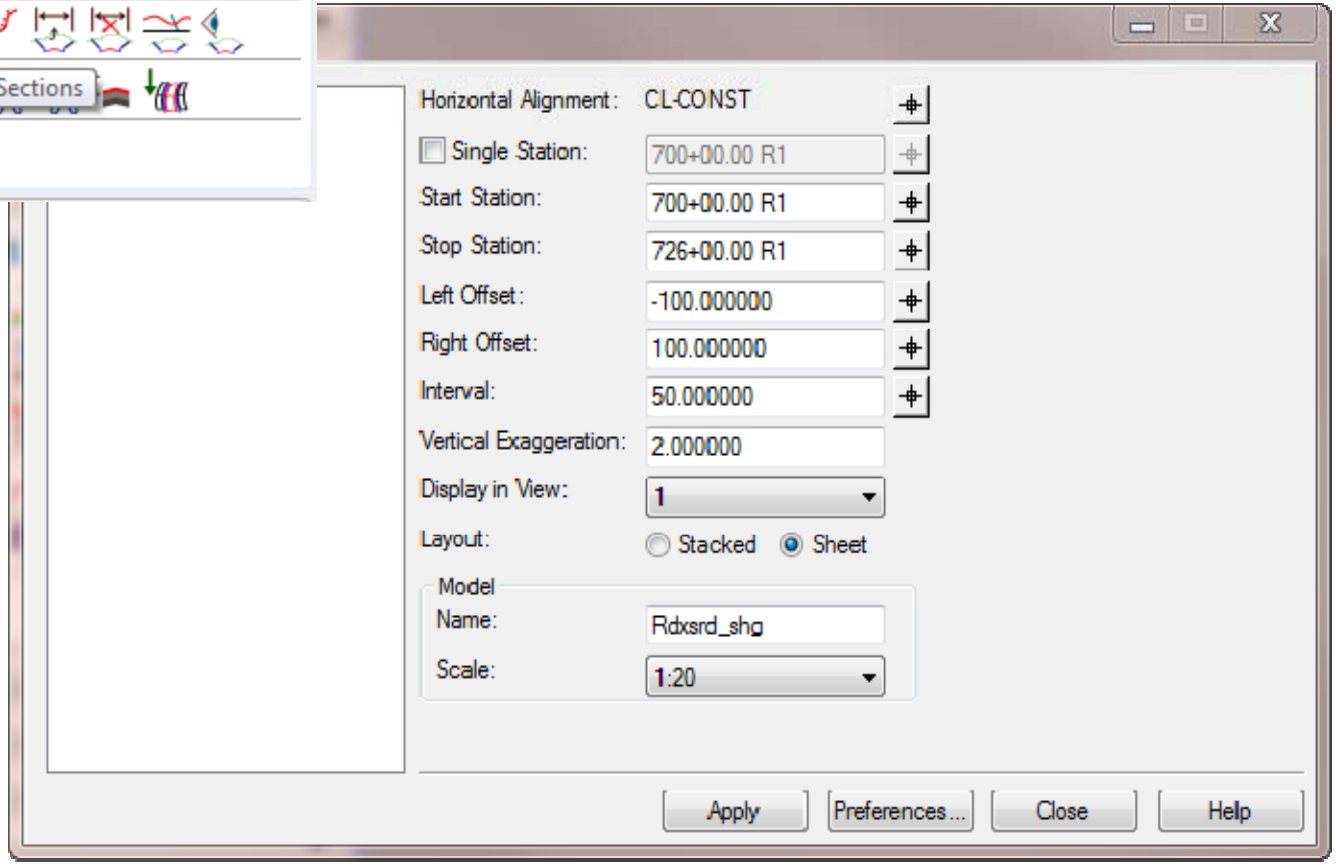
Create Cross Sections

Sheets





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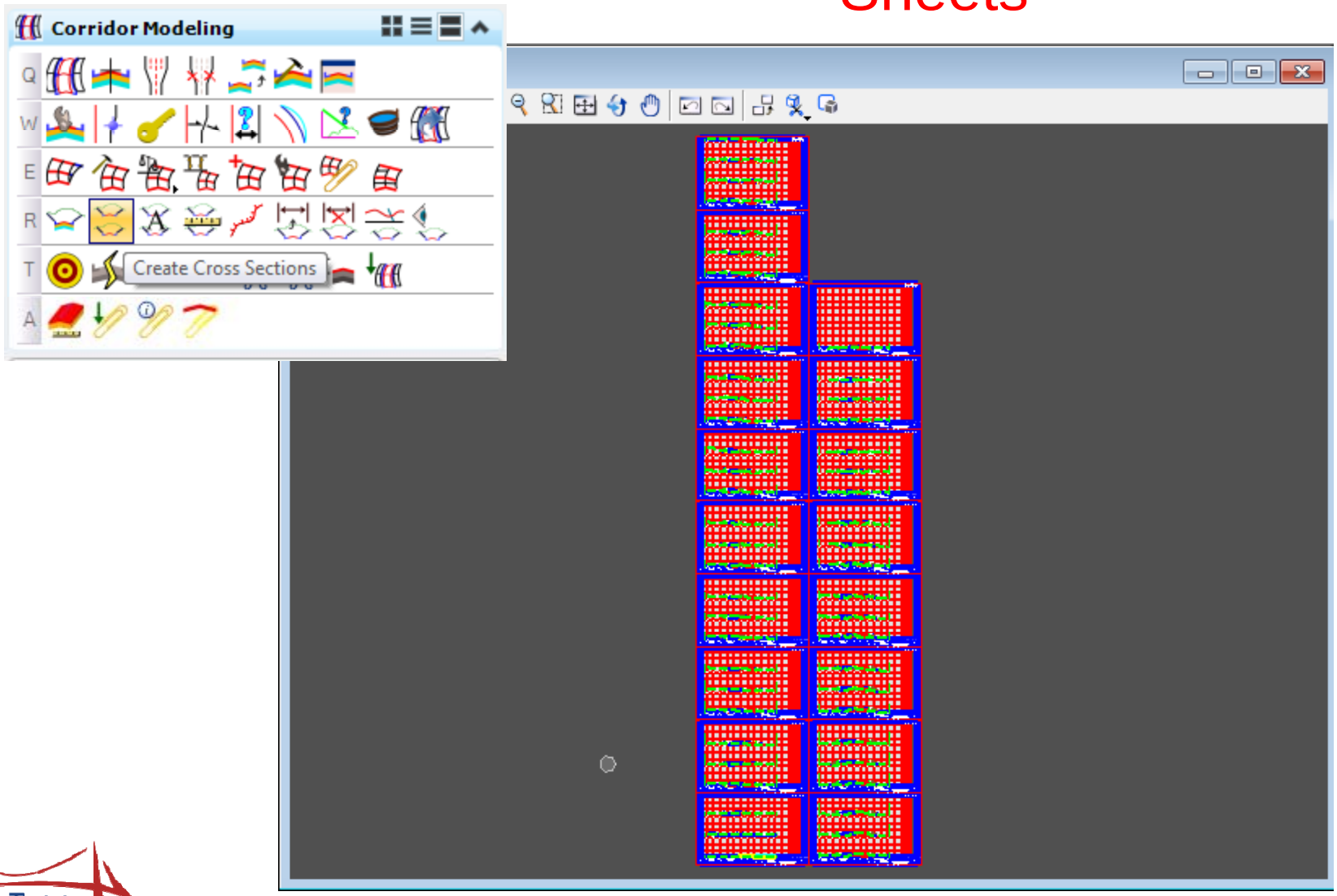
Sheets



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Create Cross Sections

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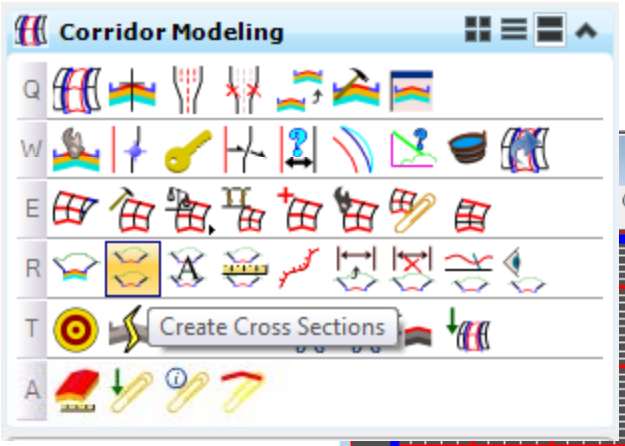
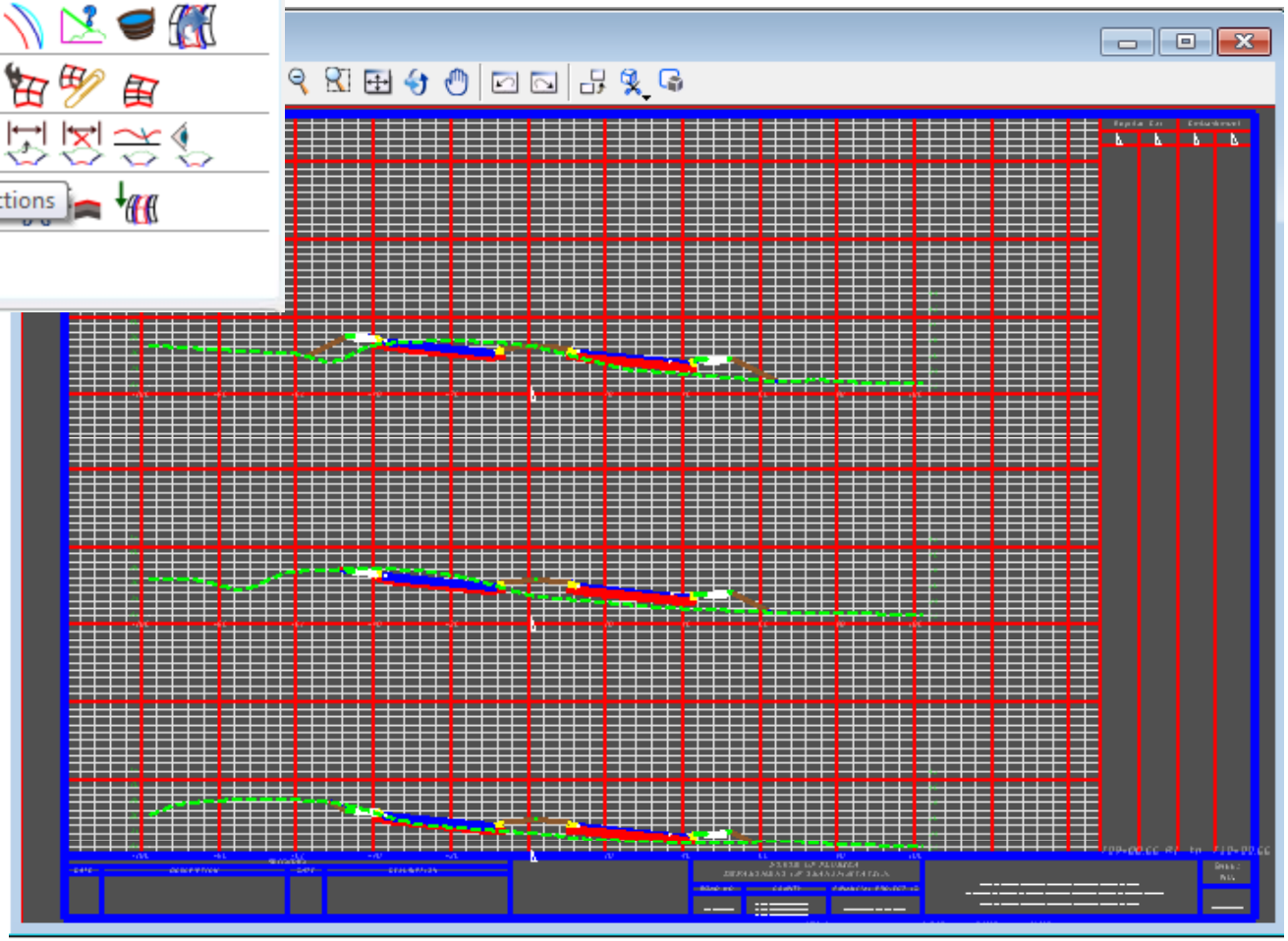
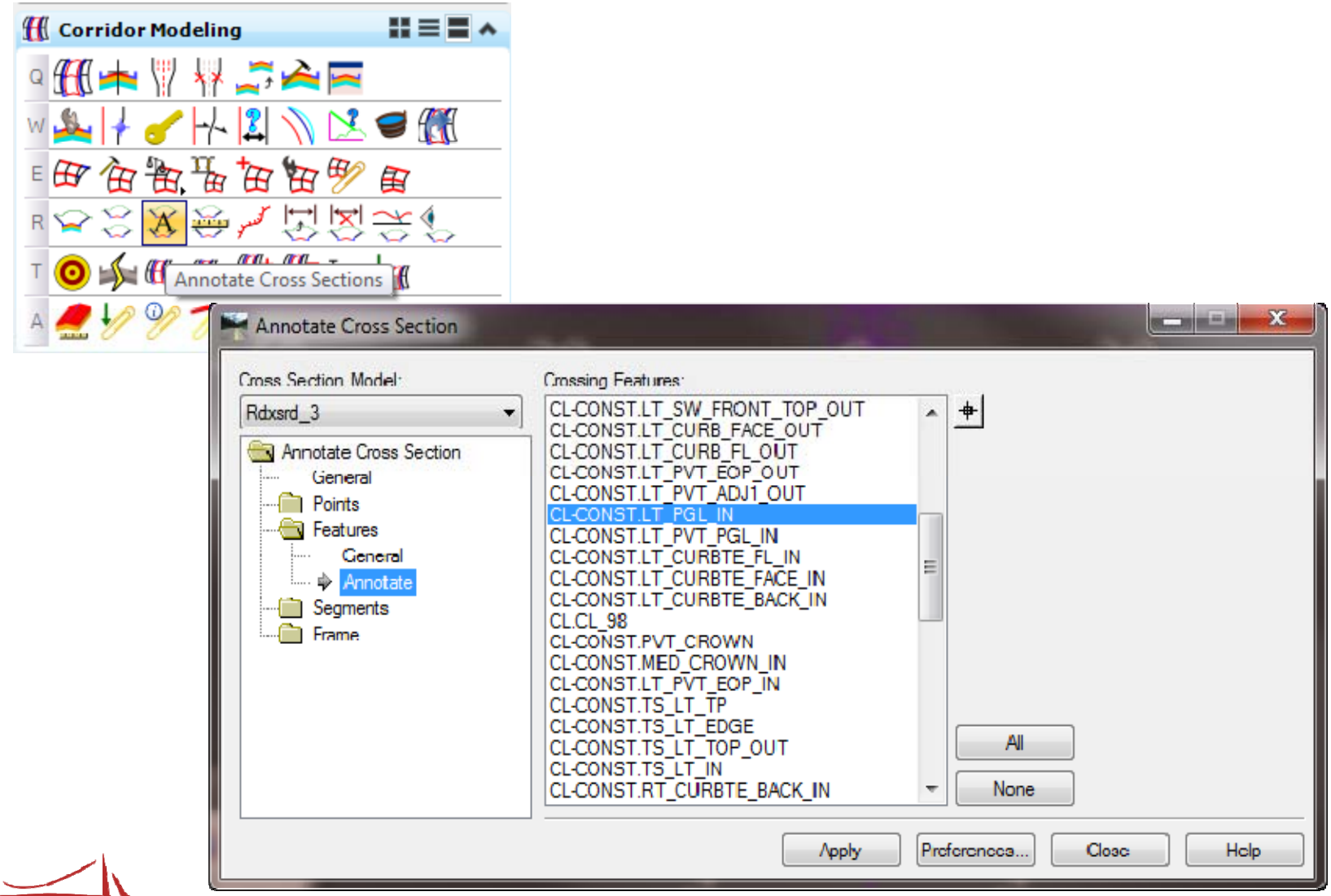




Annotate Cross Sections



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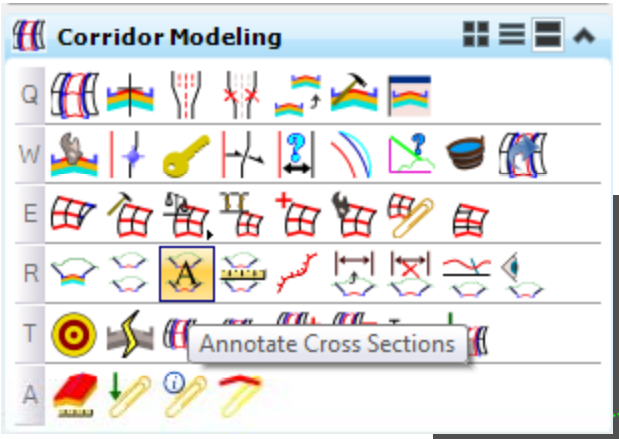

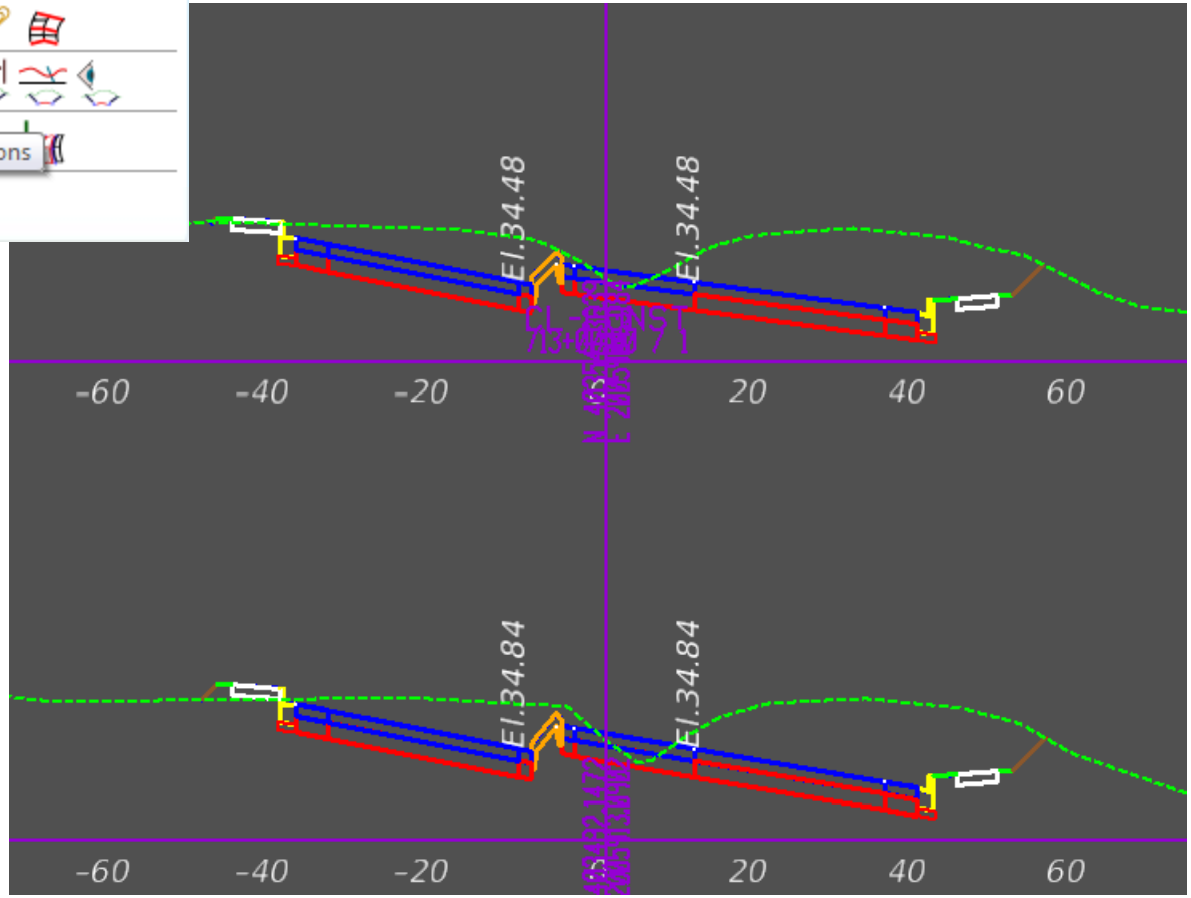

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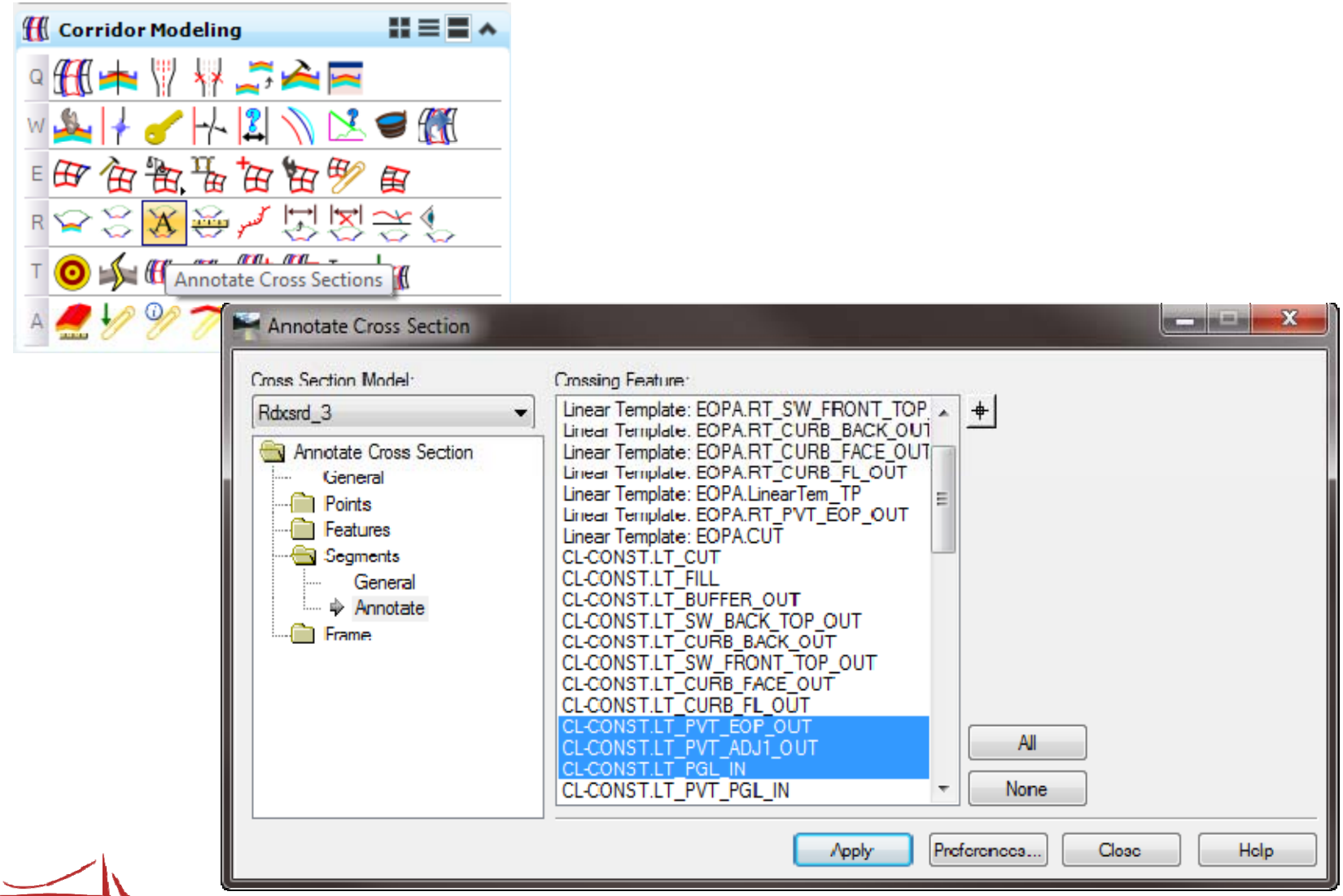

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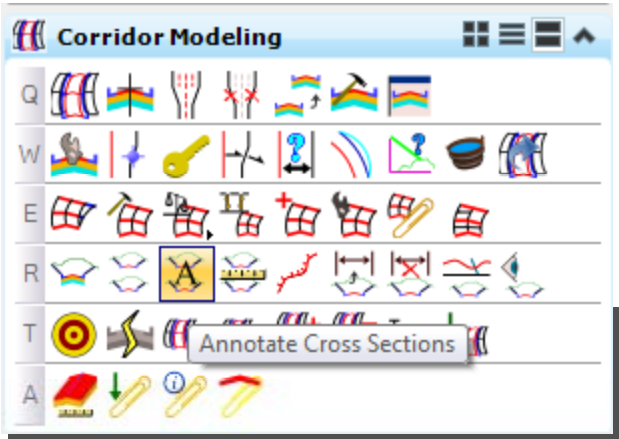
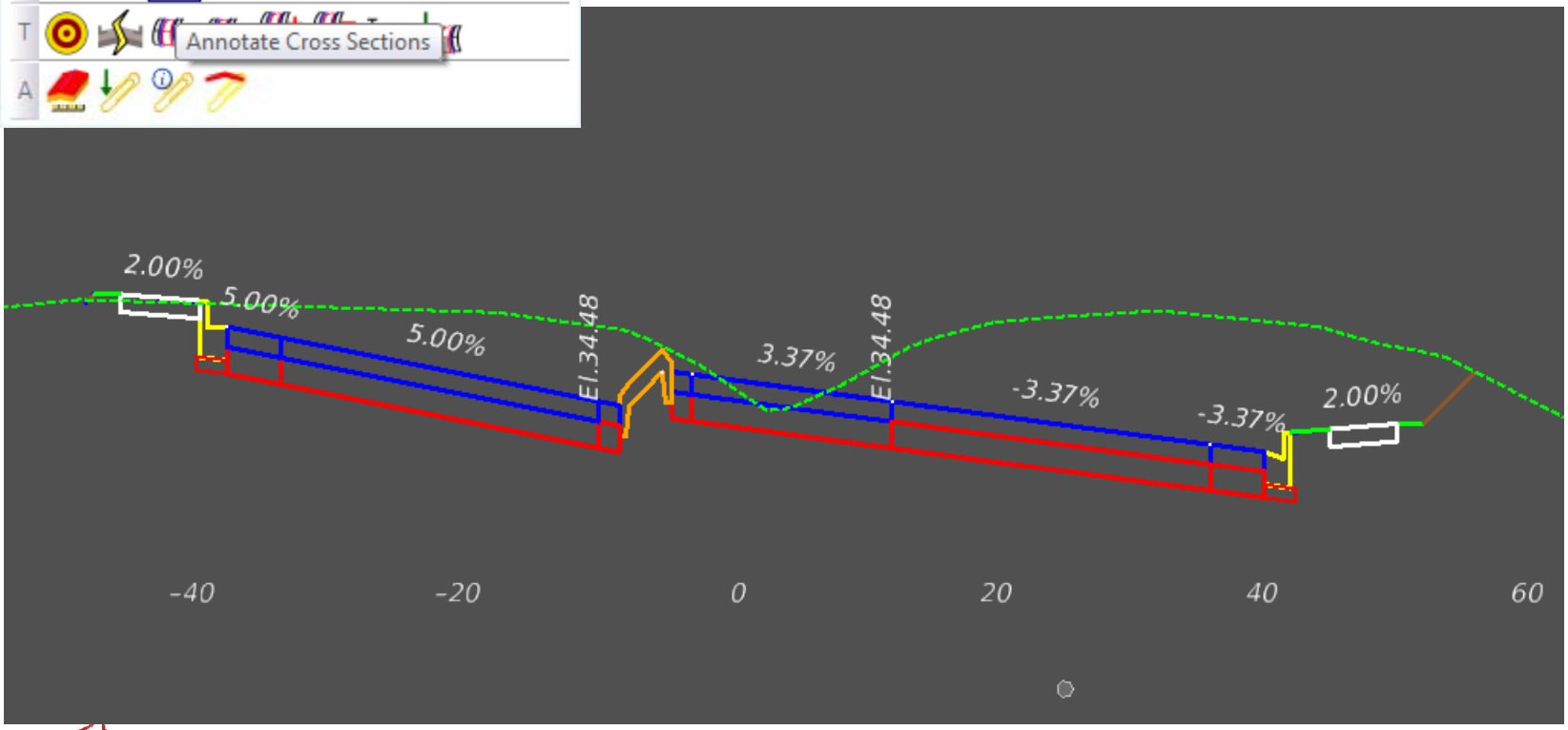
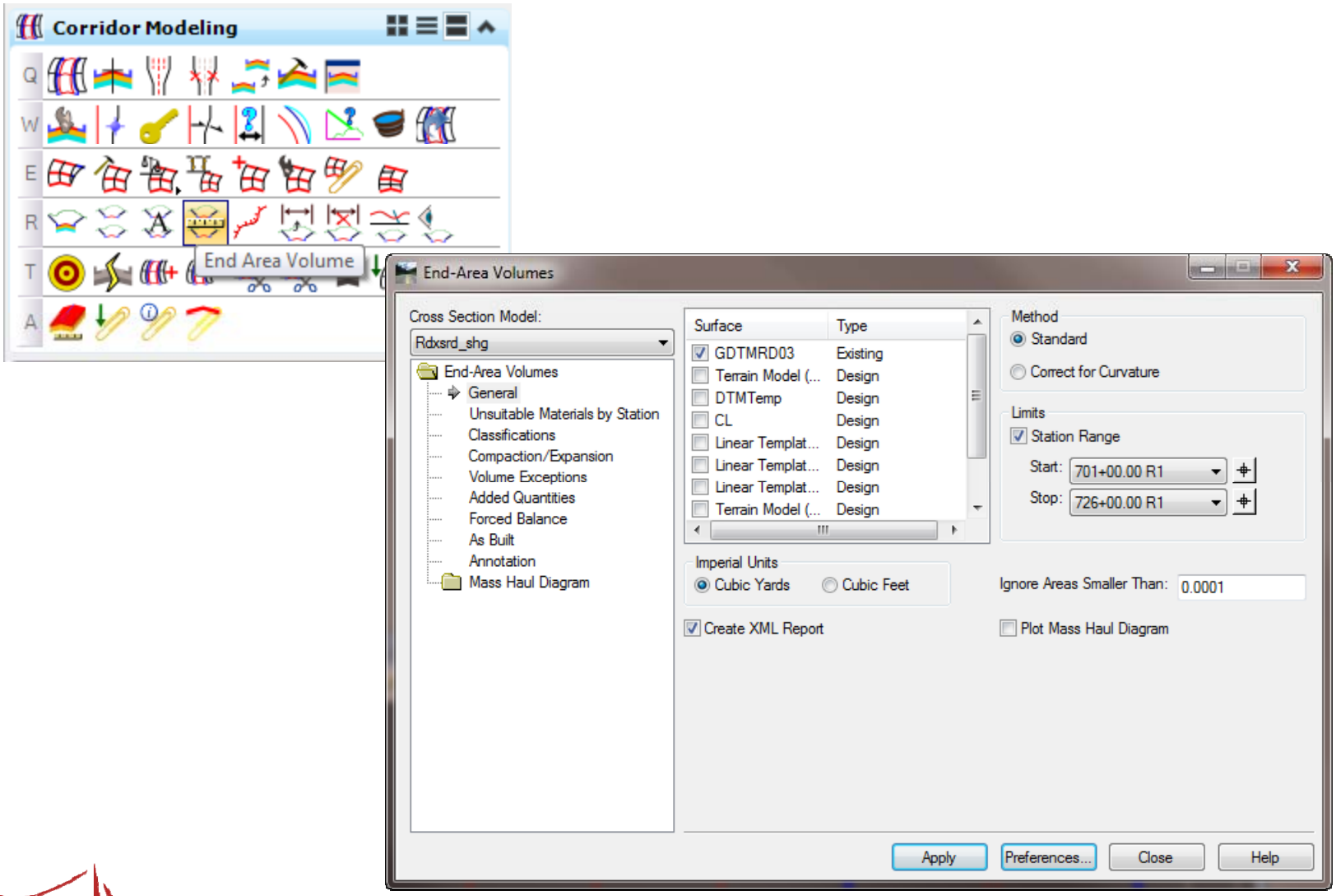




End Area Volume



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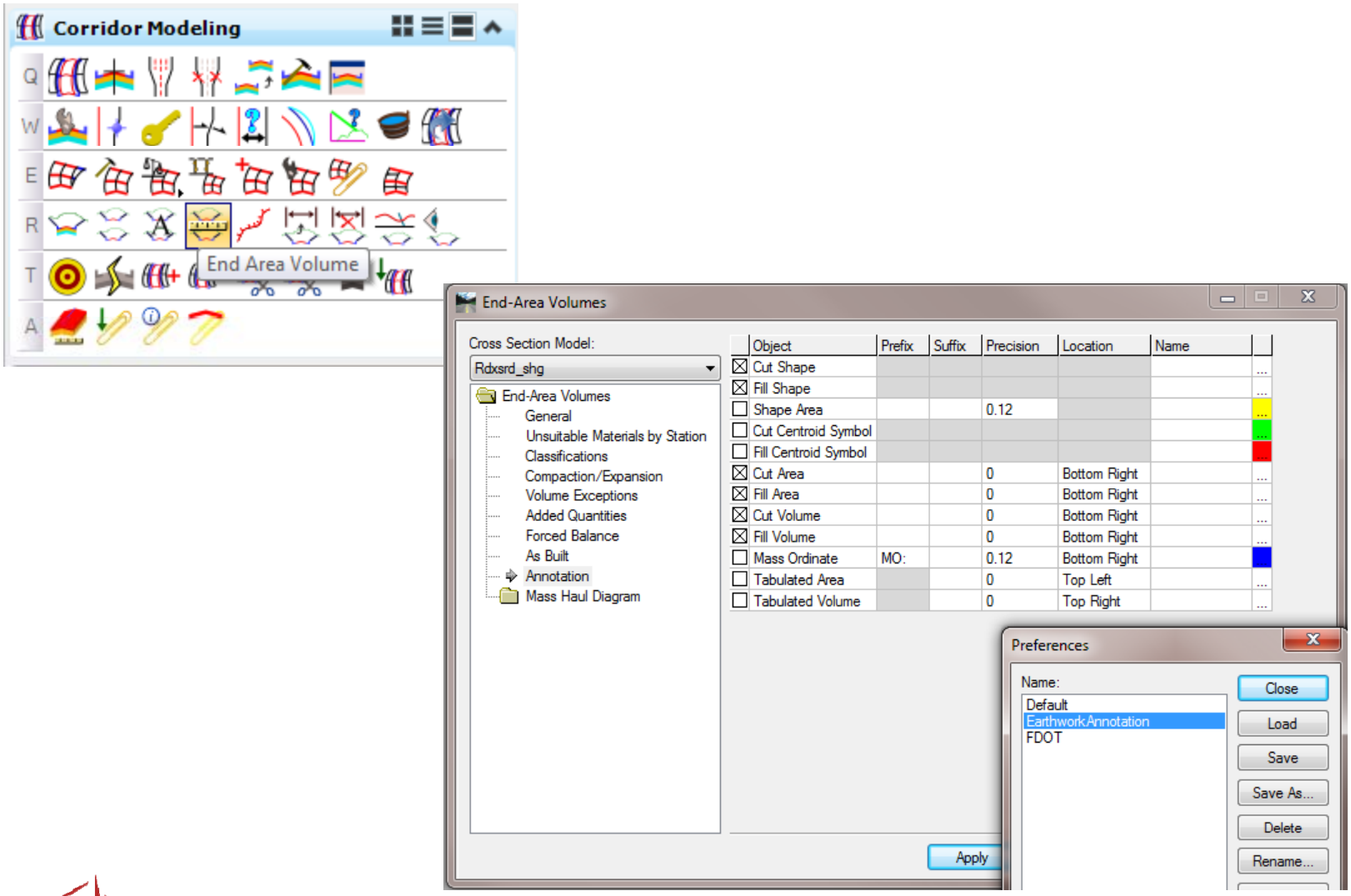

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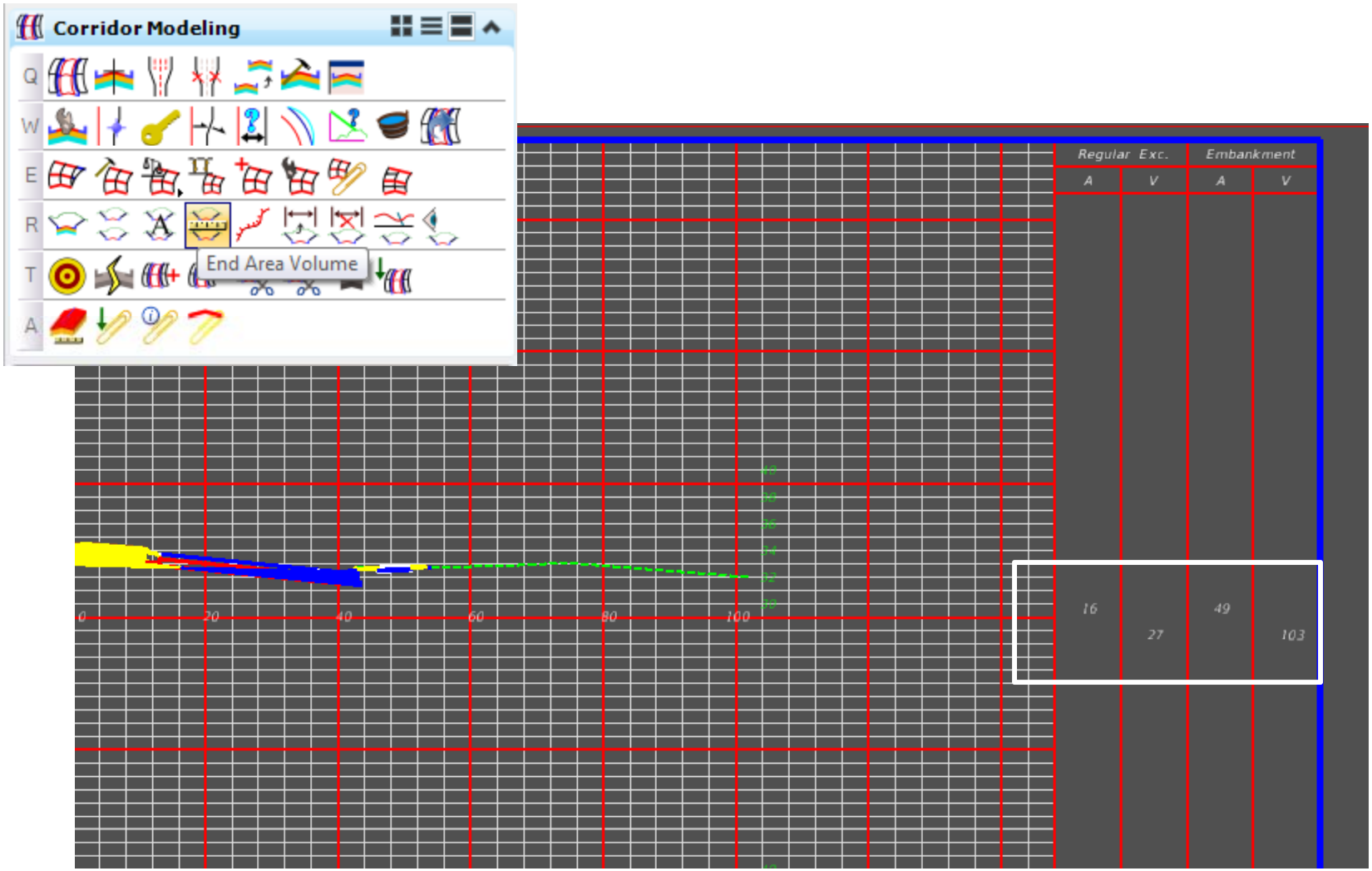

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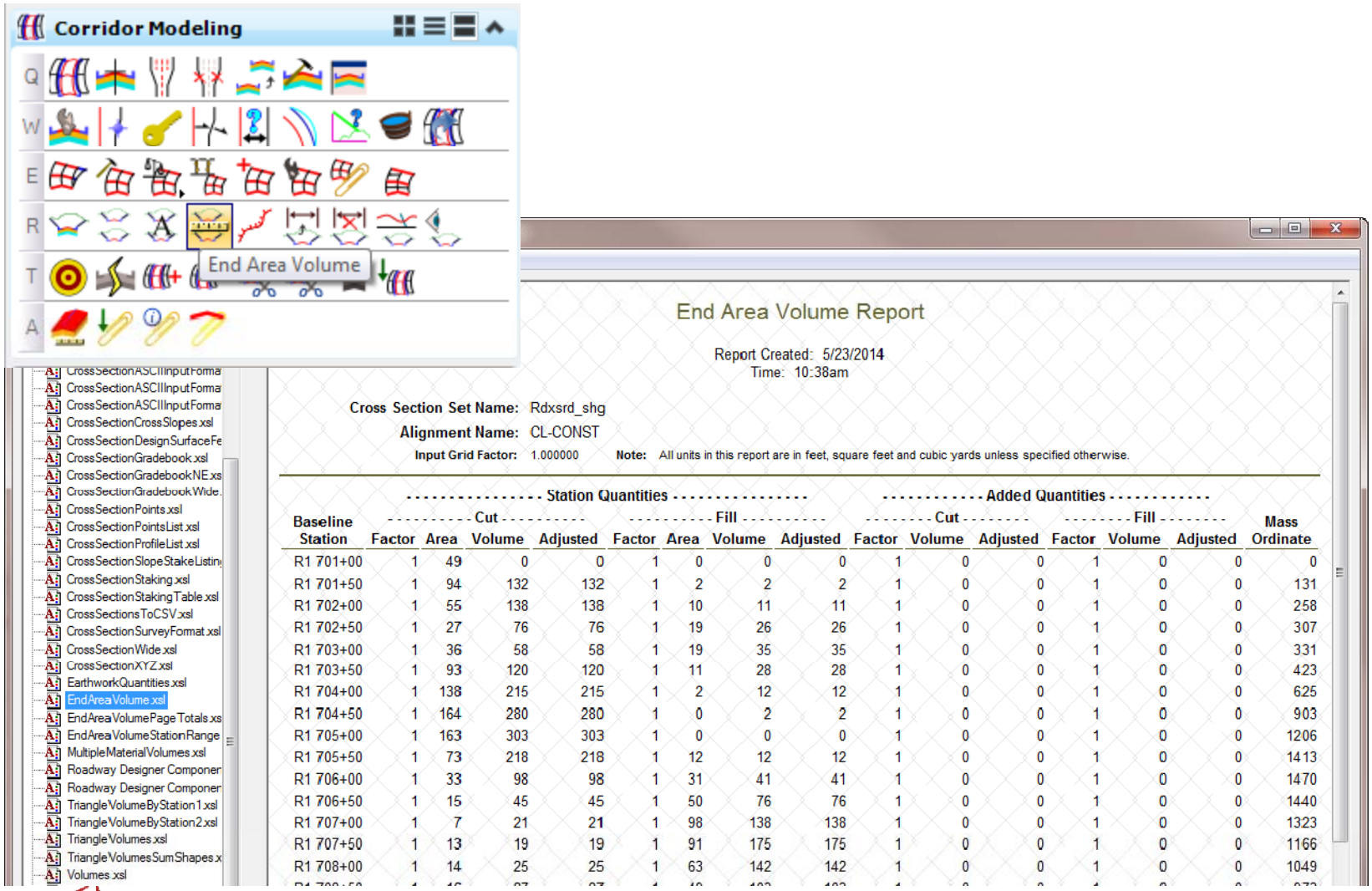
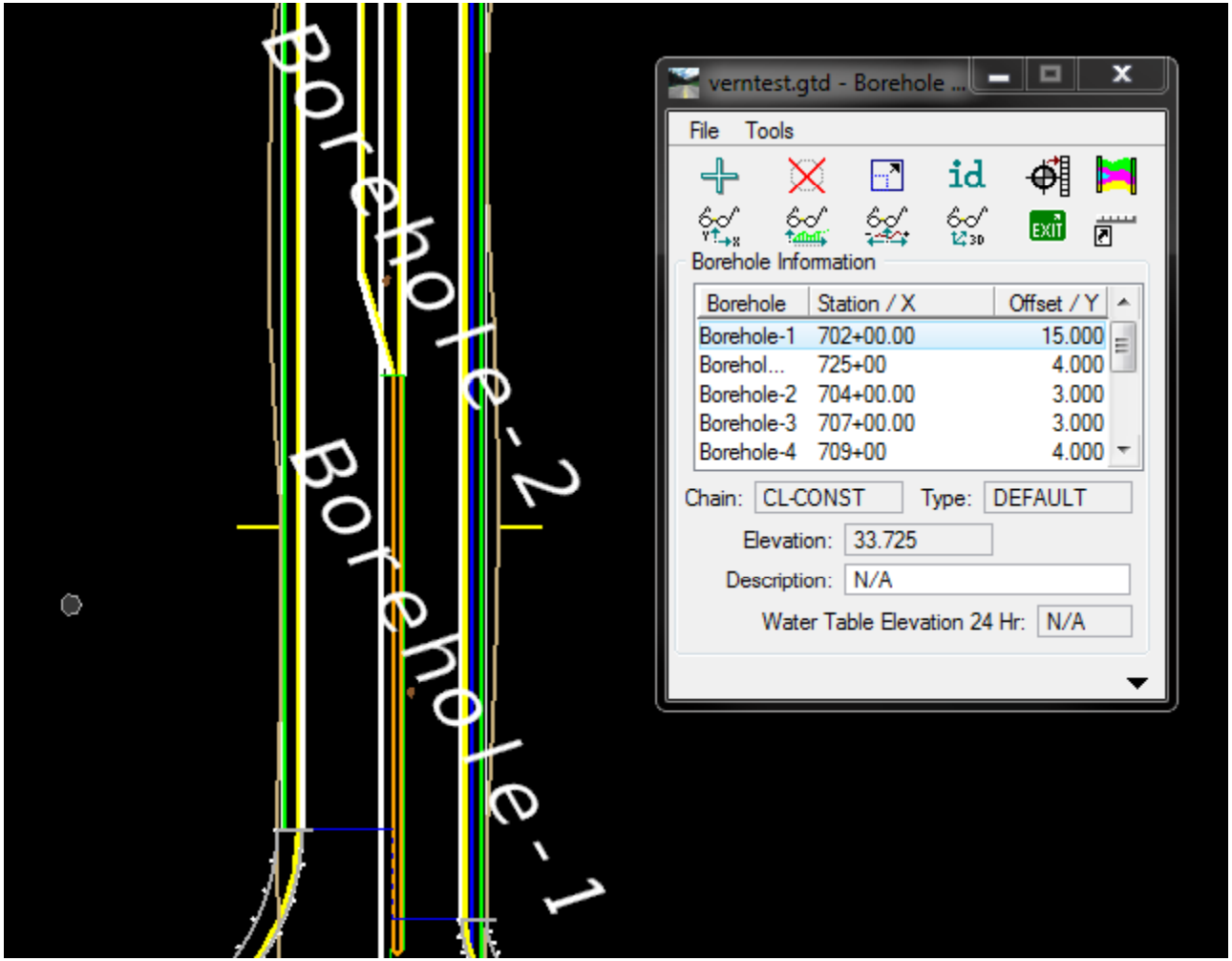


Baseline Station	Station Quantities								Added Quantities						Mass Ordinate
	Cut				Fill				Cut			Fill			
	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Factor	Volume	Adjusted	Factor	Volume	Adjusted	
R1 701+00	1	49	0	0	1	0	0	0	1	0	0	1	0	0	0
R1 701+50	1	94	132	132	1	2	2	2	1	0	0	1	0	0	131
R1 702+00	1	55	138	138	1	10	11	11	1	0	0	1	0	0	258
R1 702+50	1	27	76	76	1	19	26	26	1	0	0	1	0	0	307
R1 703+00	1	36	58	58	1	19	35	35	1	0	0	1	0	0	331
R1 703+50	1	93	120	120	1	11	28	28	1	0	0	1	0	0	423
R1 704+00	1	138	215	215	1	2	12	12	1	0	0	1	0	0	625
R1 704+50	1	164	280	280	1	0	2	2	1	0	0	1	0	0	903
R1 705+00	1	163	303	303	1	0	0	0	1	0	0	1	0	0	1206
R1 705+50	1	73	218	218	1	12	12	12	1	0	0	1	0	0	1413
R1 706+00	1	33	98	98	1	31	41	41	1	0	0	1	0	0	1470
R1 706+50	1	15	45	45	1	50	76	76	1	0	0	1	0	0	1440
R1 707+00	1	7	21	21	1	98	138	138	1	0	0	1	0	0	1323
R1 707+50	1	13	19	19	1	91	175	175	1	0	0	1	0	0	1166
R1 708+00	1	14	25	25	1	63	142	142	1	0	0	1	0	0	1049

Utilities Bore Hole Navigator



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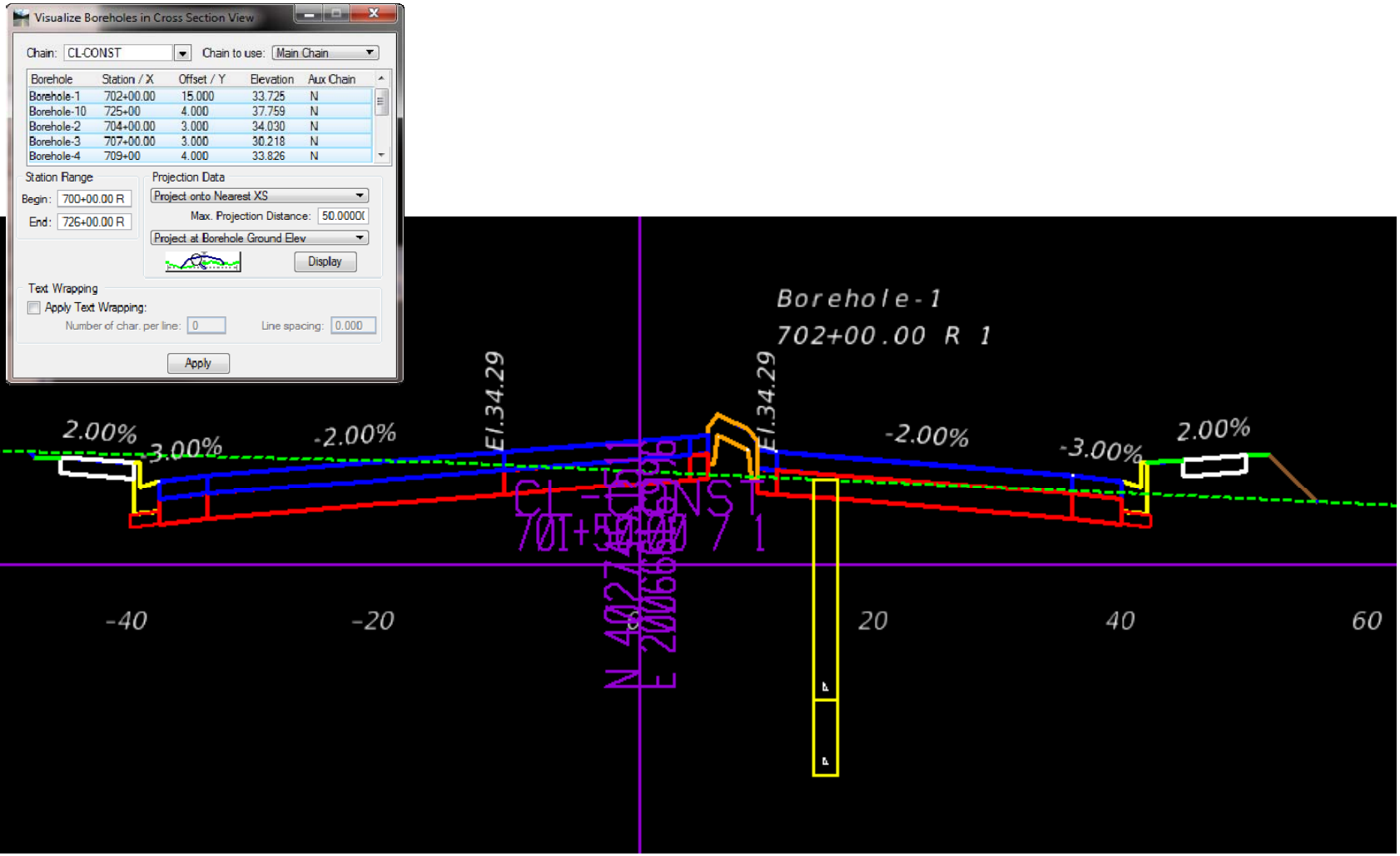

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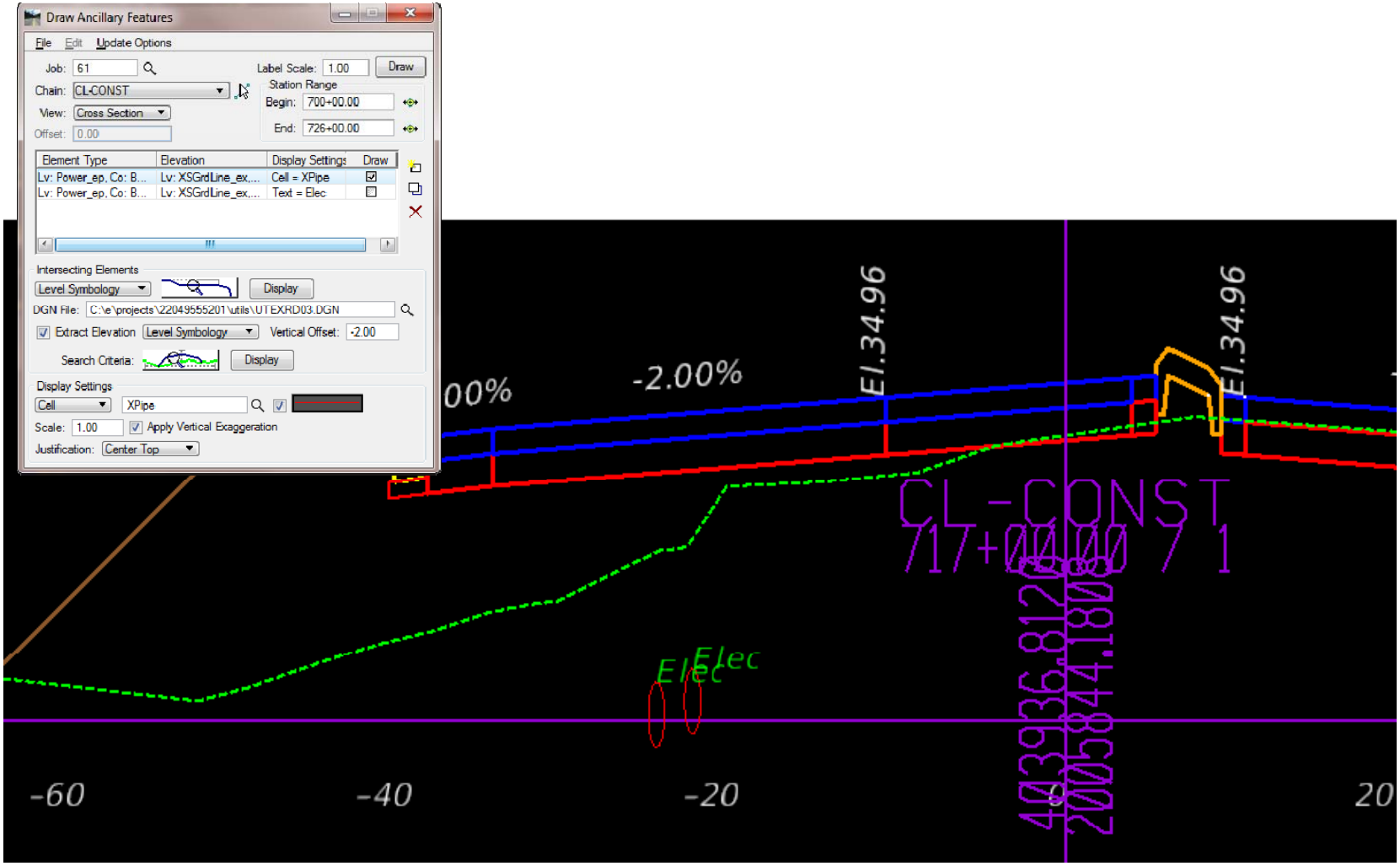
Draw Ancillary Features



Contact Information

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