



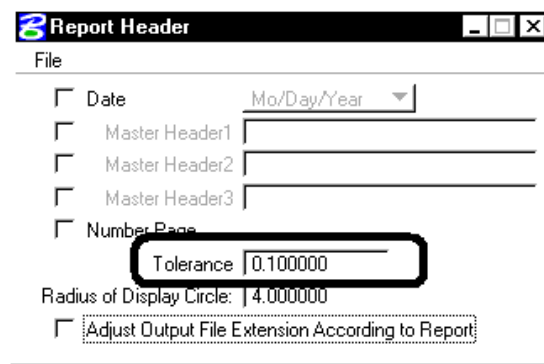


# Tech Sheet Blue Top Reports

<b>Objectives:</b>	To become familiar with Cross Section Report Generation. Specifically the BlueTop Reports.
<b>Tools:</b> 	 or Applications > GEOPAK > Road > Cross sections > Reports

**Step 1.** Access the cross section graphics file \*\_xs\*.dgn.

**Step 2.** Select the Cross Section Reports. Then select **User > Preferences**. The tolerances need to be set at 0.1000 and then do a **File > Save**.

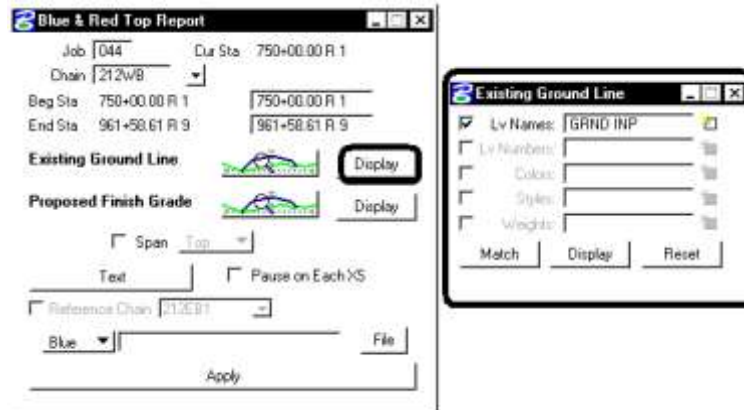


**Step 3.** Select the Blue & Red Top option button. Enter the Job number, Chain, and Station Range.



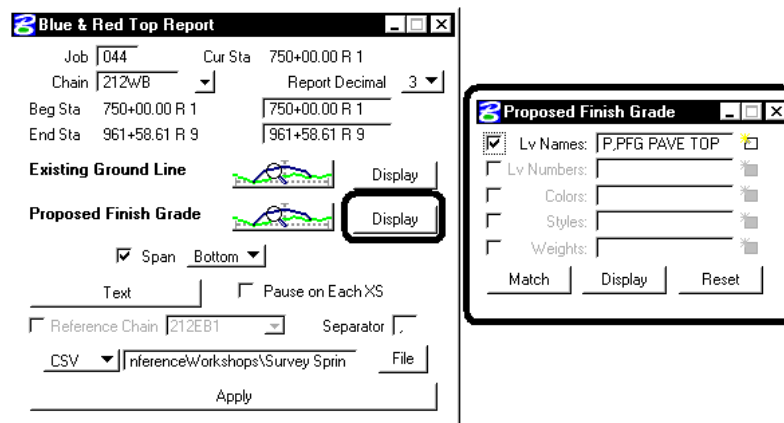
# Blue Top Reports

**Step 4.** Select the correct level for the existing ground line.

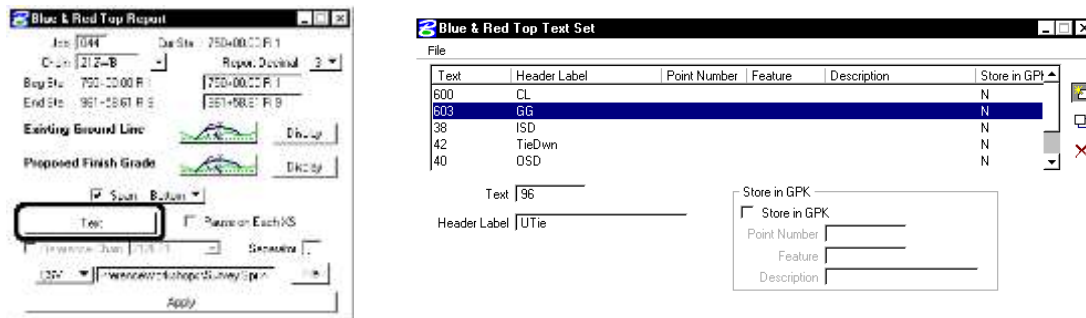


**Step 5.** Select the correct levels and colors for the proposed finished grade and for the grading grade.

**Note:** Turn on only the proposed finished level in your Cross section file. Make sure no elements are hanging (include the top surface levels),

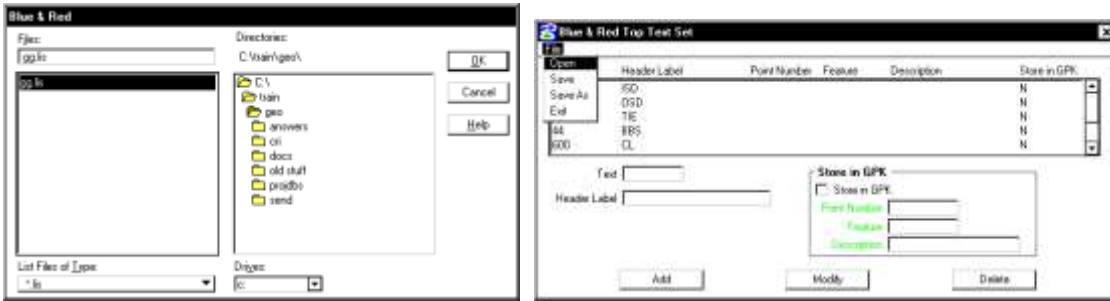


**Step 6.** Set up the Text Set as follows. Select **Text**, then the Blue & Red Top Set dialog box comes up.



# Blue Top Reports

**Step 7.** Now select **File > Open** and choose **gg.lis** and select **OK**. Turn on **Lv Name** of **CNT TXT**. You will see the construction text. Place the text number in the **text** box. In the **header label** give it a label to describe the point. Select **file > Save** as and select a name of **\*.lis**.



**Step 7.** Select the **CSV** format then select **File** and navigate to the location you want to create the file. Output the information to a csv or Blue format type file named **\*.csv** or **\*.btb**. Select **Apply**.



Note: You can base the report off of a Reference Chain if you don't want to use the chain the Cross-sections were cut off from.

**Step 8.** When complete, check the output file for errors.

	A	B	C	D	E	F	G	H	I	J
1	7500	1.756+00.00(2)2AVB	608671.6	200702.2	1019.646	-30	TriDen	0		
2	7500	1.756+00.00(2)2AVB	608671.7	200886.5	1020.409	-26.318	GG	-0.236		
3	7500	1.756+00.00(2)2AVB	608671.8	200886.7	1020.646	-14.5	Sk	-0.02		
4	7500	1.756+00.00(2)2AVB	608671.9	200872.2	1020.926	0	CL	-0.02		
5	7500	1.756+00.00(2)2AVB	608672	200870.7	1020.966	1.5	Sk	0.02		
6	7500	1.756+00.00(2)2AVB	608672	200870.7	1020.966	1.5	GG	0		
7	7500	1.756+00.00(2)2AVB	608672	200866.7	1021.57	5.6	UTie	0.191		
8	7500	1.756+00.00(2)2AVB	608672	200866.7	1021.57	5.6	UTie	0		
9	7500	1.756+00.00(2)2AVB	608672	200864.2	1021.541	8	TriDen	-0.012		
10	7500	1.756+00.00(2)2AVB	608672	200864.2	1021.541	8	TriDen	0		
11	7500	1.756+00.00(2)2AVB	608672	200864.2	1021.541	8	TriDen	0		
12										
13	75700	1.757+00.00(2)2AVB	608671.6	200701.2	1019.936	-27.967	TriDen	0		
14	75700	1.757+00.00(2)2AVB	608671.7	200889.4	1020.457	-26.12	GG	-0.26		
15	75700	1.757+00.00(2)2AVB	608671.8	200887.8	1020.699	-14.5	Sk	-0.02		
16	75700	1.757+00.00(2)2AVB	608671.9	200873.3	1020.979	0	CL	-0.02		
17	75700	1.757+00.00(2)2AVB	608672	200871.8	1021.039	1.5	Sk	0.02		
18	75700	1.757+00.00(2)2AVB	608672	200864.4	1020.963	0.019	GG	-0.02		
19	75700	1.757+00.00(2)2AVB	608672.1	200860.3	1019.916	13	TriDen	-0.236		
20										

CSV format output

BLUE TOPS REPORT(Pt.)							Page# 1
STATION	TIE	TIE	GG	BB	CL	BB	
754+00.883(2)2AVB	1819.54	1019.54	1020.45	1020.64	1020.92	1020.96	
	-18.00	-70.00	-26.32	-14.54	8.88	1.50	
		0.888	-0.236	-0.820	-0.620	0.020	
	1820.96	1021.54	1021.54				
	1.50	0.888	0.888	0.00			
STATION	TIE	GG	BB	CL	BB	GG	
757+00.883(2)2AVB	1820.00	1020.66	1020.69	1020.98	1021.03	1020.96	
	-27.97	-26.13	-14.53	0.00	1.50	0.02	
		-0.236	-0.820	-0.620	-0.020	-0.226	
	1819.02						
	11.00						

BTB format output