1_09 GUARDRAIL STYLE CONSTRAINT CONFLICTS

Question:

I am having the following issue with Corridor Model-- When setting a style constraint for guardrail in my Ldet template it is picking up the L line guardrail even though I changed the style constraints. What could it be picking up that I've not changed?

Answer:

When creating a corridor of an onsite detour, two options are available to minimize conflicts with the matching style (drafting standard) of the mainline, e.g. the guardrail graphics (style constraint) for -LDET-should be different from -L- even though they are on the same level and symbology.

- Change component or point style constraint to something else
- Use the Search Range Parametric Constraint "SR_*" (decrease recommended)

To modify the style constraint, first determine if it is an end condition component type or a point property targets. Remember from our delta training (See pages 146-151 from *Template Fundamentals*), only four features use the *end condition component* style constraint:

- Shear Line
- Guardrail Graphics
- Shoulder Berm Gutter (SBG)
- Normal Shoulder (Default)

Component Properties					
Name: RT_SK_GR +	Apply				
Use Name Ovenide: RT_SK_GR					
Description:	< Previous	the second second	4		
Style: DNC -	Net	+++++++++++++++++++++++++++++++++++++++	•••••••		
Parent Component:	IVEA >				
Display Rules:	Edit Help				
Exclude From Triangulation			1 1 1		
End Condition Properties					
Target Type: Style XY Priority:	49	+ +	,++		
Style T_DSN Guardrail Benching Cou	nt: O				
From Datur	0.0000	<u> </u>	*		
Horizontal Vertical Step Elevation	0.0000		+ #		
Offsets: 0.0000 0.0000 Rounding Length	0.0000				
Ubrary Active Template + - ☆ □ ↔ +					

All other features, such as the EOT, can be edited as a style constraint under *point* properties.



For guardrail graphics (end condition component type), change the style constraint drafting standard from *T_DSN Guardrail* to *T_DSN ALT2* or *T_DSN ALT3*. This will make the targeting drafting standard style for the mainline -L- *T_DSN* Guardrail while the detour is *T_DSN ALT2* or *T_DSN ALT3* (different).



Another way to achieve the same result in most cases, is to simply change the search range via parametric constraints. Note that any parametric constraint label beginning with "SR_" indicates a horizontal search range. For guardrail graphics, the horizontal search range (SR_GR) is set to 25' <u>from the paved shoulder</u> <u>point</u> (not from the centerline). Decrease this value to 5' should resolve most conflicts with mainline -L-.



546 ····· 544 ···· 542 -DET-		SR_GR = 25	LT GR for -L- (NOT -DET-)	-L-
540···· 538···· 536····		Right of Way Lit_guardrail		
534 ···· ··· ··· ··· ··· ··· ··· ··· ···			-	
528 ···· ··· 526 ····				
522·····				
518 · · · · · · · · · · · · · · · · · · ·	5 10	15 20 25	30 35 40	45 50 +
Interval: Template:	10.0000 DET New		(Display Mode	Process Visible Range O Normal O Superelevation O Overlay

