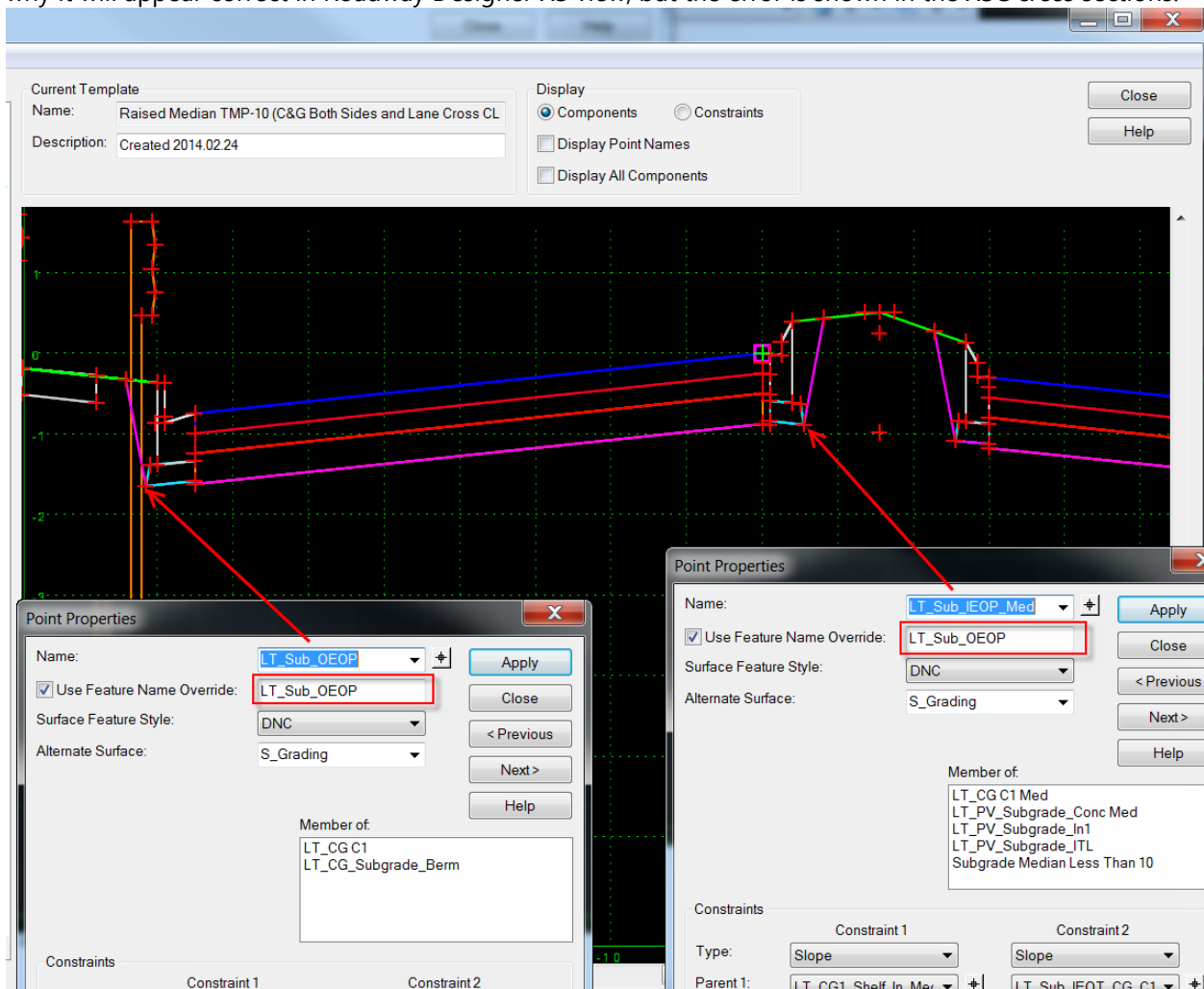**2_45 FEATURE NAME OVERRIDE LIMITATIONS**
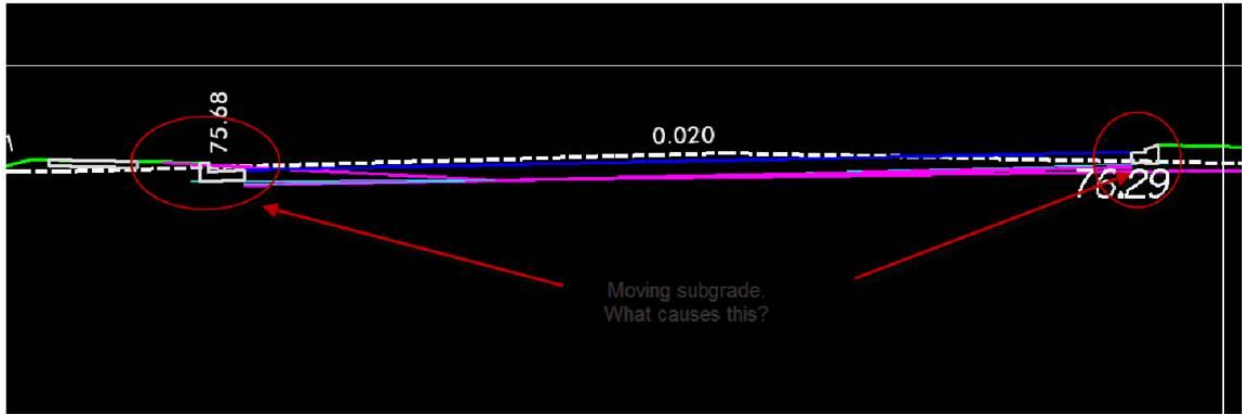
Question:
In some spots I've noticed that my subgrade line jumps around. What causes this?

Answer:
You have two points which share the same feature name. As explained in the delta training beginning page 48 and 49 (attached), the surface DTM (used to cut cross sections) is created by "bridging" two like points (to create 3D linear features) and two like components (to create 3D surface areas/mesh elements) between two template drops. If the point or component name is the same like the left and right slope stake points, then the resulting linear feature or surface area will try to "bridge" these two together resulting in components and linear features "zigzagging" from template drop to template drop. This is why it will appear correct in Roadway Designer XS view, but the error is shown in the XSC cross sections.

There is many benefits to using "Use Feature Name Override" (in conjunction with **Apply Affixes**) such as with the right slope stake points (same feature name "RT_SS Fill") for all of end condition branches. This is idea because only one EC branch is active at a time resulting in one slope stake point (with Feature Name Override checked). It becomes problematic when multiple points/components which share the same feature name are active all at once, such as the case above.

You can uncheck "Use Feature Name Override" on the "LT_Sub_IEOP_Med" point to make it unique.