

2_50 NEW DIVIDED FACILITY TEMPLATE (TMP-6)

Question:

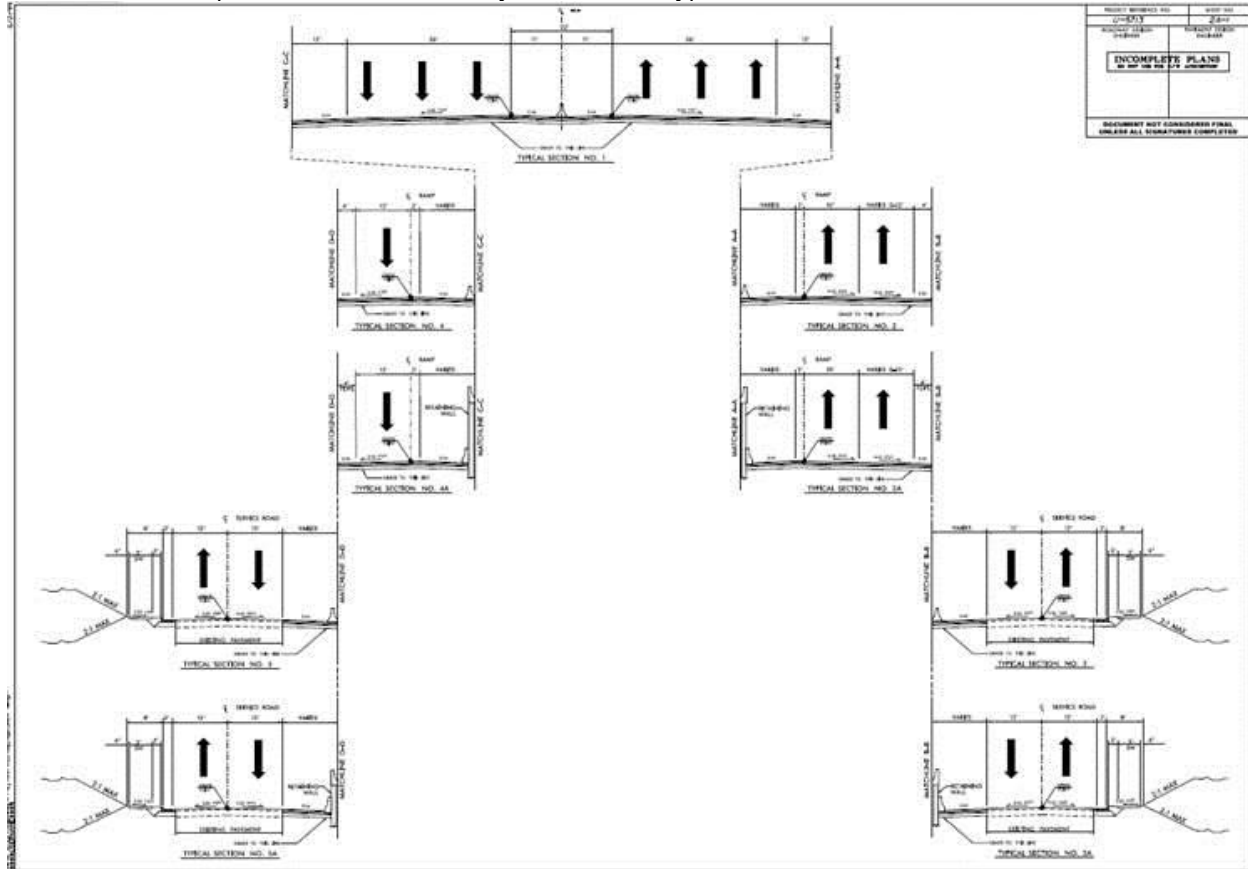
I have a divided facility with median barrier similar to TMP-6 but with all new pavement and very limited use of the current end conditions. Single faced barrier with retaining walls or concrete barrier will be the primary end condition used as there are ramps adjacent to the mainline. This facility has three compressed diamond interchanges, all in relatively close proximity with each other with service roads outside of all ramps. Similar end conditions will be used on the outside of the ramps between the ramp and service roads. See attachment for typical section.

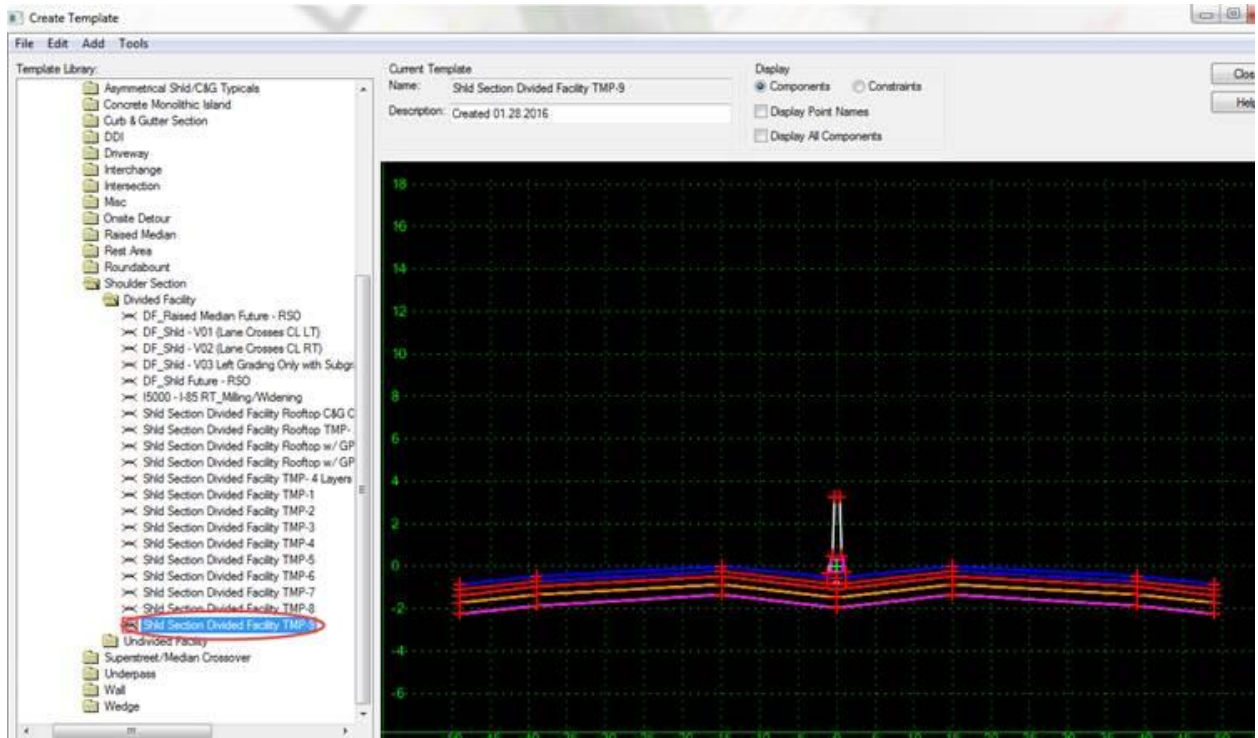
My question is how much of this or another templates can I even use for this or am I better off creating a whole new template for the mainline? Same question for the ramps as well.

Answer:

For a more advanced typical section, creating a new template is recommended. In addition, your mainline, ramp, and SR corridors will have their own HAL and VAL so it is best to handle them as separate corridors rather than using one template to represent all three corridors. The divided facility TMP-6 template was created to add a lane or two to an existing highway like the I-40 project in Durham.

I've created a template (TMP-9) based on your mainline typical section.





You can use target aliasing, end condition exceptions, and target linear DTM features (via Point Controls) like the exercise we used to model roadway ditches in our delta trainings (targeting the proposed shoulder point (linear feature) of a recently created DTM) and connect the corridors together.