

Civil Cells Information

We have had user call with issues with placing the Civil Cells. Bentley has tested our Civil Cell and provided this table with the results. VDOT has Bentley working to fix the issues with the Civil Cells and to provide better instruction on the placement and modifications of them.

The following table shows the results of VDOT Civil Cell placement/editing testing meant to test stability of the cells.

Category/Cell	Placement Valid	Edits Valid	Issues/Notes
Basic T	Yes	Yes	(1) All Cells
Right Turn Median onto Connection	Yes	Yes	
Right Turn Lane on ML	Yes	Yes	
Right Turn Median off Conn.	Yes	Yes	
Right Turn Lane on Mainline & Right Turn Median onto Connection	No		Taper failed on testing geometry. All cells with Turn Lane onto Conn. seemed to fail.
Remainder of T's (with exception of Turn lane onto Conn.)	Yes	Yes	Didn't check all, but checked several and everything is holding up.
ADA Ramps			
ADA_A	No		Partial failure on testing geometry
ADA_B	Not Tested		
ADA_C	Not Tested		
Drives			
VDOT Drive Rural	No		Seam Line doesn't hold up. It would if it wasn't offset 0.5 from Drive CL. There is a parabolic profile on the EOP of Drive which isn't active but doesn't place well.