

5_3 NO EXISTING ELEVATION XS LABEL – EXISTING TIN vs. CONVERTED DTM

Question:

When cutting cross sections of the existing ground surface, why aren't the existing centerline elevations labeled?

Answer:

This is a known bug in SS1 Refresh and SS2 releases of Geopak. It is only applicable to cutting existing ground cross section using the converted DTM. Until this issue is fixed with the SS2 Refresh/SS3 release, please use the original existing TIN to cut the existing ground cross section, which will include the existing elevation labeled at the centerline. The converted DTM can be used again as outlined in the Corridor Modeling Manual once the Draw Cross Section dialog is fixed. There should be no difference between the TIN and converted DTM files, but I have found some minute discrepancies between two. Set the Filter Tolerances Horizontal and Variance values to "0" to make sure the original TIN accuracy is close as possible to the converted DTM (the converted DTM is what Roadway Designer uses as the active surface to generate the proposed surface/DTM, not the TIN).

