14_33 Sample Berm Ditch Criteria
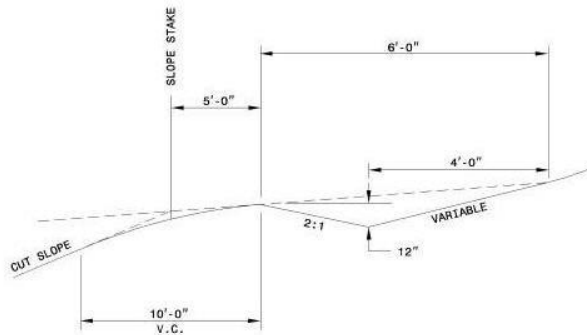
Question:

I am trying to get the Berm Ditch Criteria to run. So far, I have been unsuccessful. Is there a sample input file for Berm Ditch Criteria and can you explain how it is designed to work?
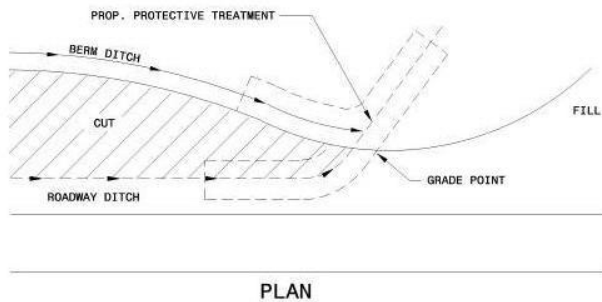
Answer:

A sample input file for Berm Ditch Criteria (Roadway Standard Drawings STD. 240.01) has been created. An updated Criteria 2000 manual has also been published to our web site. Here is an excerpt from the updated Criteria manual manual:

The ditch typical conforms to standard 240.01 in that the front slope is 2:1, the back slope is variable with a maximum of 2:1. The only deviation from the standard is the option of specifying profile grades to be used in setting the ditch point.

Berm ditch criteria is designed to draw the ditch flow point and the back slope catch point into a plan view file - at the same time it is drawing the cross section ditches.

PLAN

Here is what Criteria draws in the cross section.