

How to Stake to A Surface in SurvCE

To stake a surface in SurvCE, you will want to use the Elevation Difference routine. This routine will report a cut/fill in comparison to a design surface at any location within a project. The Elevation Difference command will save cutsheet data if cutsheet files are named and made active within Job Settings, Stake tab. For any surface where a centerline is defined (Road Design and Section, or Grid/Triangulation/Elevation with centerline defined), the routine will not only report, but optionally store cuts, fills and centerline position data into an alignment-style cutsheet file. With no centerline defined, the Road, Grid and Elevation methods will store cut and fill data into a point-style cutsheet file.

1 Go to the Survey tab and select #5, Elevation Difference.



2 Select the Type of Surface Model that you will be using. Then, tap the Green Check Mark.

嶭 Elev Difference 🛛 🔽 🚺	×	
Select Type of Surface Model Grid Road Design Triangulation Section Elevation From Alignments Set Elevation: 0.000 VOff: 0.000		
<ul> <li>Use Horizontal Alignment for Sta-Off report</li> <li>Stakeout Pattern</li> </ul>		
Light Bar Settings		

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3 Browse to the Digital Terrain Model of your choice. Then, tap the Green Check Mark.



4 You will be shown the Surface limits of your DTM. Tap OK to continue.

DOB:TINTEST	Î 🔀 💿
SurvCE	
Surface lim X Min: 5330 Y Min: 3227 X Max: 534 Y Max: 323	its: 049.866 747.363 086.888 972.120
	<u>DK</u>

5 The map screen will now show your location, as well as the Cut/Fill information based on the surface model.



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