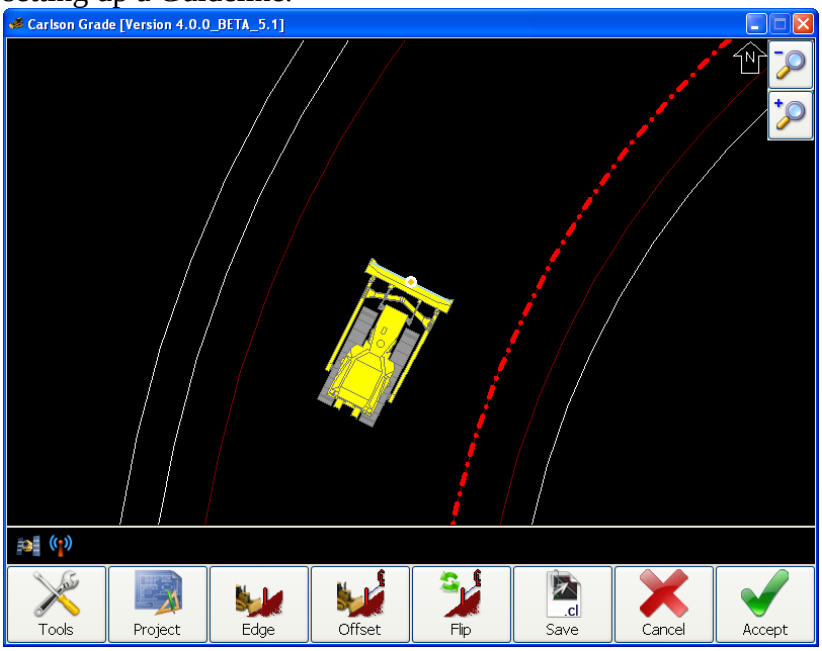
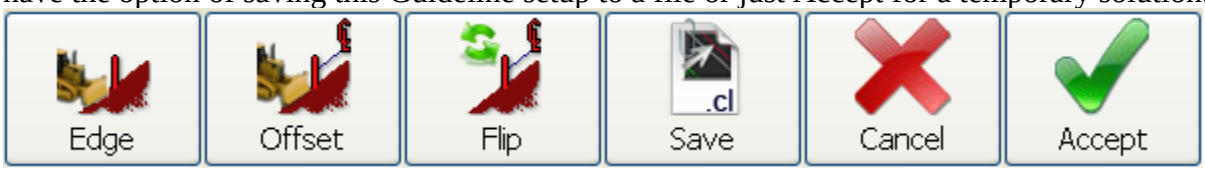
Quick Guide

Pick/Setup Guideline

Guidelines can give you steering direction, station numbers, etc. for lines (curb, centerline of road, edge of pavement, etc.) on your plan view drawing. Here is an example of picking and setting up a Guideline.



Once you have selected the guideline graphically from the screen, you will then setup horizontal offsets (if needed), and the steering edge of your vehicle that you wish to reference. You then have the option of saving this Guideline setup to a file or just Accept for a temporary solution.



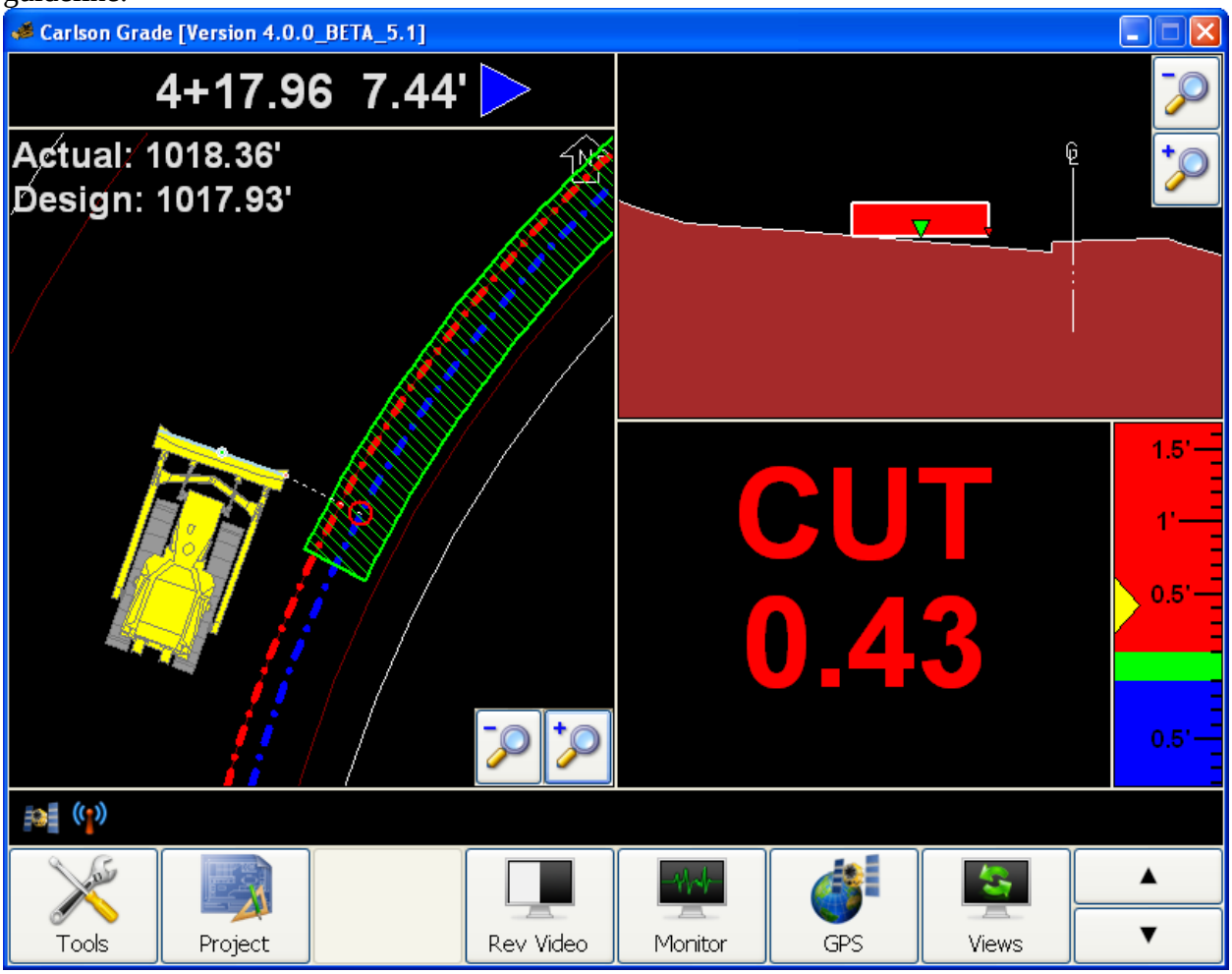
Offset to Guideline

Enter a number, in decimal feet, into the box that states “Offset to Guideline” for the offset to the selected line. (**NOTE:** There is no sure way to identify how the polyline was vectored. Typically positive indicates offset right and negative indicates left. To verify if your value is correct, return to the main screen. After that, see if the value of your offset is opposite to your desired value. If it is, return to the “Guideline Setup” screen or not and change the sign of your offset.)

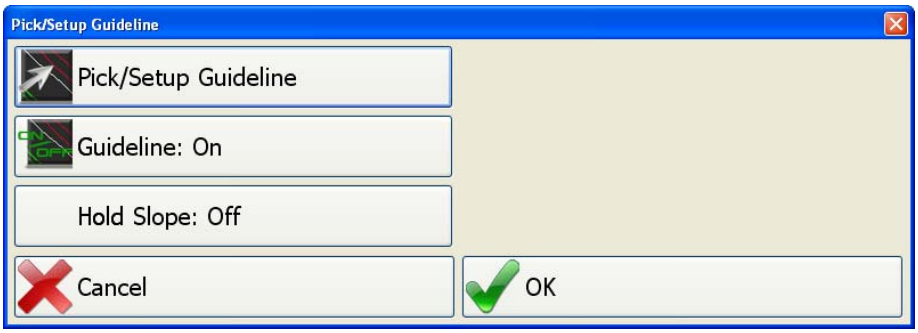
Steering Edge

(Left, right, or center) this is perceived from the operators view. If the line you intend to follow is on your right then typically you would want to measure from the right edge of blade.

When finished with the setup, select OK and then ACCEPT. You will see this screen with a hashed line from the vehicle steering edge to the guideline (Red) or a Offset Guideline (Blue). You will also see a hatched (Green) area of the line to help with visibility and heading of the guideline.



You will see station and offset information that you can use to follow. If using a CL file, the stationing will be derived from the CL file; however if you are using a graphical guideline, the station is based on the beginning on the line. To end the Guideline routine, simply select the Pick/Setup Guideline routine and turn it OFF.



Guideline ON / OFF

This allows you to turn On and Off the Guideline selection.

Hold Slope

Hold Slope function allows you to commit to a particular slope (cross slope) and hold that slope at any point on the site. For example, if you are wanting to cut a slope in out past a breakline for temporary drainage, you can turn this function on so that the slope you are on can be projected out past any other breaklines. As you can see if the image below the design slope drops down and to the right (Red), but the Hold Slope (Pink) continues outward at a consistent slope above the design.