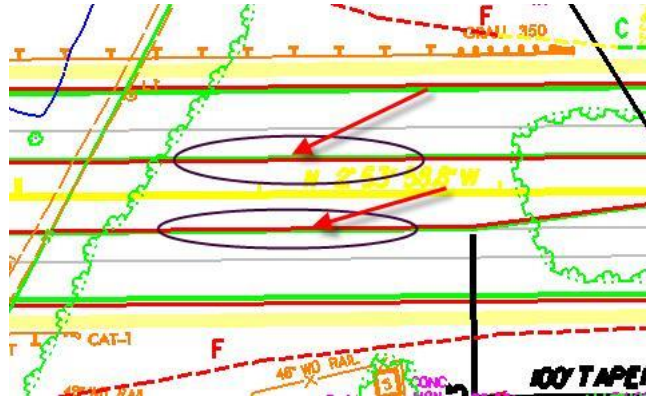


## 17\_13 Plotting 1ft 6in Curb and Gutter

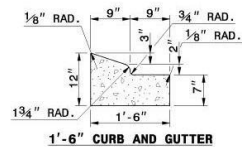
### Question:

I am having a problem distinguishing the difference between the green EOT line and the red 1'-6" curb and gutter line in the vicinity of the median grass island when plotted out. Is there anything that can be done to distinguish the existence of these two separate lines after they are plotted out?

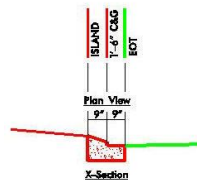


### Answer:

The problem is that the distance between the two lines is only 0.75' (9") or less than a foot.

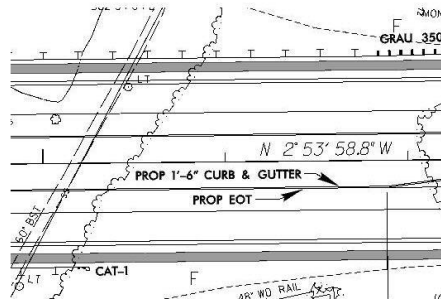


When plotted out full size and half size, these two lines look like they are on top of each other. Normally there is little that can be done to significantly improve the distinction of these two lines when they are this close to one another for plotting. However, there may be other similar conditions that can exist, which will cause this to be addressed. For example, if above project had concrete islands instead of grass islands, then in this case, there will be three lines (shape boundary lines for concrete islands) plotted out on top of each other.



In addition, we will assume most of the time, if a 1'-6" curb and gutter is proposed on a project, then it is also paired with either the EOT line and/or concrete island line. Based on this assumption, the Roadway design script will plot out ONLY the 1'-6" curb and gutter lines to a weight of zero.

Even though this reduced the weight of the 1'-6" curb and gutter lines for plotting and the two lines are now distinguishable (but barely), Roadway CADD Support also recommends, if it does not result in too much plan clutter, labeling the two (or three) distinct lines for each plan sheet.



It is academic to say the least that the Typical Sections will show the proposed 1'-6" curb and gutter when distributing to other Units.