

# *Rockin' in the Rockies Retreat*

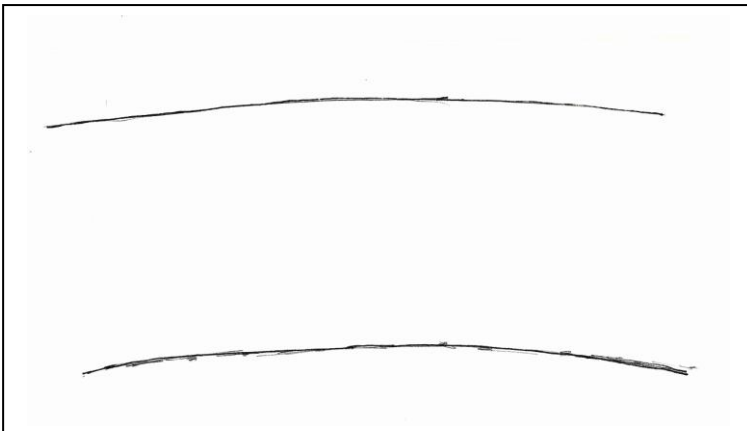
## *Drinking Glasses*



The drinking glasses provided to the retreat attendees were embellished with the retreat name, logo, location, and dates using outdoor vinyl. Outdoor vinyl was chosen to withstand the hand washing of the glasses.

In order for the lines of the wording to appear as straight lines when applied to the conical shape of the glasses, it was necessary for them to actually be fit to a curved path. At the time this was being done, I did not have access to the Make the Cut software and the ingenious Conical Warp feature. So it was necessary to use another method.

First I taped a piece of blank paper to the outside of the glass and decided where I wanted the wording and logo to be. I then placed one rubber band at the top of where the vinyl would be placed and measured from the rubber band to the bottom of the glass to be sure it was level in several places around the glass. Then I placed a second rubber band at the bottom of where the vinyl would be placed and measured again to be sure it was level. The locations of the rubber bands were carefully traced onto the paper. When I removed the paper from the glass, it looked like this



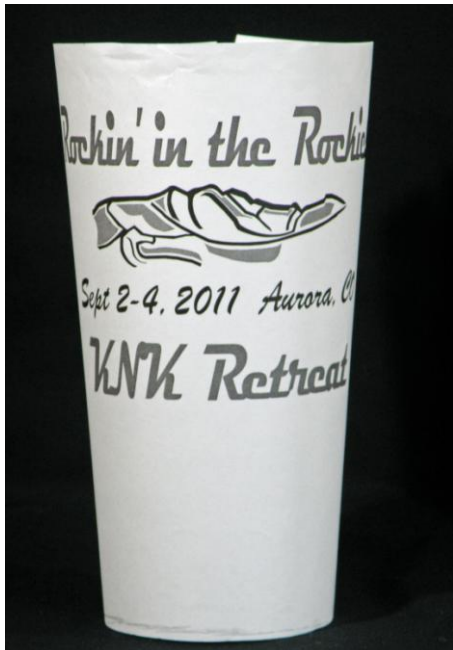
Notice that there is not a large curve in the lines but there is enough that if the text had not been fit to that path it would have not appeared as a straight line when applied to the glasses. The lines were scanned and traced in the KNK Studio software to create the paths.

After the lines of text were created and fit to the paths, a printout of them looked like this



The various lines were then cut from the outdoor vinyl. The 'snow' on the mountains was cut and applied to the mountains after the mountains had been weeded and then the mountains and snow were applied to the glass at the same time.

In order to align the vinyl on the glass, I used a print out as shown above, formed it into a cone and dropped it into the glass to serve as a guide.



Using the vinyl transfer tape and working with each line separately, it was then easy to place the vinyl where I wanted it to be.

Since the intention was that the retreat attendees would use the glasses, a tag was made using the print and cut feature of the KNK Studio software to let them know that the glass was ready to be used.

