

Statement

What I like the most about this project is knowing that I am contributing to a research effort that has the potential to make roads safer for bicyclists. Riding a bicycle as a form of transportation is better for the environment and is also a great exercise. I would like to see more people choosing to ride their bike than driving a car but in order for that to happen roads need to be as safe for cyclist as it is for vehicle drivers. My role in this project was to download, reduce, and analyze the bike volume data which allowed us to find a relationship between the vehicles speed and the bike volume at every 15 minutes. The major challenge that I faced was working with a set of data that was not readily available and sometimes data was unrealistic during certain time periods. The solution was to keep monitoring the data collection website until the data became available and in some cases using historical data. From this I learned that you will not always have a perfect set of data to work with, but you have to the best you can with what you have without compromising the validity of the findings. Overall, I believe working on this project was a great experience and now I am more prepared to face challenges that I may encounter in future research projects.

-Maria C. Rodriguez, 10/17/17