

Requirements Breakdown

- 1 interpret the data that the machine produces
- 2 number of vehicles detected, each direction
 - 2.1 morning v. evening
 - 2.2 per hour
 - 2.3 per half-hour
 - 2.4 per 20 min
 - 2.5 per 15 min
 - 2.*.1 daily counts
 - 2.*.2 5-day averages
- 3 Peak volume times
- 4 speed distribution statistics
 - 4.1 mean/SD in each direction and combined
 - 4.1.* for various reporting frequencies
 - 4.2 histogram of speed observations +/- 4-sigma in 0.5-sigma bins
 - 4.2.* for various reporting frequencies
- 5 vehicle separation statistics
 - 5.1 mean/SD in each direction and combined
 - 5.1.* for various reporting frequencies
 - 5.2 histogram of speed observations +/- 4-sigma in 0.5-sigma bins
 - 5.2.* for various reporting frequencies