Project 2 Checklist for Final Report

This checklist is not exhaustive, but covers a number of items you should address in your final report.

- Problem statement and conceptual model
  - Did you describe the assumptions and simplifications you made for the model? Justifications would also be great.
  - Are there limits to the model in terms of situations in which the simulation is applicable (or is it valid for all situations)?
- Input Analysis
  - Did you create an empirical distribution for interarrival time for traffic entering the road network based on the NGSim data, and use it to drive the model?
  - Since the empirical distribution does not include a parameter to change the flow rate of traffic entering the network, how did you generate traffic with different incoming flow rates? Did you validate the approach you used?
- Verification and validation
  - What did you do to verify your simulation model?
  - What did you do to validate it?
- Experiment design and output analysis
  - Did you generate confidence intervals for your results?
  - How many simulation runs (where you change only the random number stream) did you do for each data point? How did you come up with this number?
  - What did you do with respect to the warm up period for the simulation?
  - How did you compare the results of the different simulation models?