**As Prime Minister**[**Jim Hacker quipped**](http://www.springfieldspringfield.co.uk/view_episode_scripts.php?tv-show=yes-prime-minister-2013&episode=s01e02) **in the theatrical version of the British comedy series Yes, Prime Minister:**

**“Computer models are no different from fashion models. They’re seductive, unreliable, easily corrupted, and they lead sensible people to make fools of themselves.”**

Project Requirements:

1. Build a traffic simulator
2. Indicate traffic volume for a 24 hours weekday.
   1. The client wants to start simulating at any time, so setting the view time is critical.
3. Allow me to simulate a traffic blockage
   1. Minor – car breakdown
   2. Medium – minor accident
   3. Major – Serious or HASMAT accident
4. Use the map below. How you represent this map is up to you, but the client wants a GUI with real time updates.
   1. A zoom feature would be great.
5. The client also wants to use this as a tool for deciding where road improvement money should be spent.
   1. An ability to run what-if simulations looking for traffic volume improvements
   2. This can include adding travel lanes, turn lanes, and traffic lights.
   3. The client is open to other suggestions.
6. The client will have other suggestions and requirements latter.

