Driving Simulator in a Connected Vehicle Environment

Forest Elliott
Project

- Connected vehicles
- Collision prevention
- Speed advisory
- Stop light notification
Project

- Driving Simulator
- VISSIM
- ARADA OBU (on board unit)
- RSU (road side unit)
- Econolite Traffic Controller
Process

- Driving Simulator
Process

- Unity - Coded in C#
- Communicates with VISSIM
Process

- Arada OBU communication
Future Work

- Establish connection between RSU and OBU
- Establish communication between traffic controller and RSU
Bibliography