

Team ID: LLHS161

School Name: Los Lunas High School

Area of Science: Environmental

Project Title: Traffic Issues

In this supercomputing challenge, we plan to model and solve the traffic problem in our town of Los Lunas, New Mexico. There is a very busy one-way street (Main St.) that always gets crowded. Using Google Maps and Google Earth, we plan to first see the original roads, then see if there is a quicker way to get through Main St. If there is not, we plan to model new road types using NetLogo. When we have an aerial view of the town, we will be able to see where new roads could possibly be paved, making traffic less of a problem.

The purpose of this project is to determine more efficient routes for everyday people to not experience the trouble of having to wait for cars to slow down.

Team Members

Kyle Hegarty

Christian Moree

Sponsoring Teacher

Ms. Anne Loveless

Project Mentor

Mr. Creighton Edington