Project Title: C-08-31: Study of Commercial Vehicle Empty Backhaul Activity
PIN: R021.28.881
Responsible Unit: Operations Division, Office of Modal Safety & Security
Project Manager: McDonough, Rick

Project Goal:
To understand and hopefully reduce the number of empty trucks traveling on roads in New York State and the northeast region. By more effectively dispatching trucks and loads, the project hopes to identify ways of reducing unnecessary vehicle miles traveled (VMT).

Actions Proposed:
Existing telemetry data will be collected and algorithms developed to deduce the load of the truck from the horsepower expended. Once identified, empty backhaul patterns will be analyzed to determine what, if any reductions are achievable.

Anticipated Work Products and Accomplishments:
• Six Month Data Collection
• Weight Prediction Algorithm Development
• Algorithm Validation
• Extrapolation to Statewide Analysis
• Monthly Progress Reports and a Final Report

Proposed Budget: $72,308