

Integration of Automated Vehicle Sensing with Adaptive Signal Control for Enhanced Mobility Dataset

Dataset available at: <https://doi.org/10.5281/zenodo.4500187>

(This dataset supports report **Integration of Automated Vehicle Sensing with Adaptive Signal Control for Enhanced Mobility**)

This U.S. Department of Transportation-funded dataset is preserved in the Zenodo Repository (<https://zenodo.org/>), and is available at <https://doi.org/10.5281/zenodo.4500187>

The related final report **Integration of Automated Vehicle Sensing with Adaptive Signal Control for Enhanced Mobility**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/58658>.

Metadata from the Zenodo Repository record:

Title: Data produced by CMU-UTC Project 294 - INTEGRATION OF AUTONOMOUS VEHICLES WITH ADAPTIVE SIGNAL CONTROL TO ENHANCE MOBILITY

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Description: This repository contains the results produced by CMU-UTC Project 294, titled INTEGRATION OF AUTONOMOUS VEHICLES WITH ADAPTIVE SIGNAL CONTROL TO ENHANCE MOBILITY. The data contains comparative results of a pilot experiment designed to demonstrate the traffic flow efficiency can be improved by vehicle-to-infrastructure communication and use of vehicle route information by a real-time adaptive traffic signal control system.

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Dataset description:

This dataset contains 1 file described below.

CMU-UTC-Project294-data-repository.xlsx:

The .xlsx file type is a Microsoft Excel file, which can be opened with Excel, and other free available software, such as OpenRefine.

National Transportation Library (NTL) Curation Note:

As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (<https://ntl.bts.gov/public-access>) Section 7.4.2 Data, the NTL staff has performed *NO* additional curation actions on this dataset. NTL staff last accessed this dataset at <https://doi.org/10.5281/zenodo.4500187> on 2022-01-12. If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.