Grant Deliverables and Reporting Requirements for UTC Grants

UTC Project Information	
Project Title	Active Transportation and Community Health Impacts of Automated Vehicle Scenarios: An Integration of the San Francisco Bay Area Activity Based Travel Demand Model and the Integrated Transport and Health Impacts Model (ITHIM)
University	University of California Davis
Principal Investigator	Miguel Jaller
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Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT: $160,130 UC Davis: $116,275
Total Project Cost	$276,405
Agency ID or Contract Number	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
Start and End Dates	Start date: 10/01/2018 End date: 09/30/2019
Brief Description of Research Project	In the same way that the automobile disrupted horse and cart transportation in the 20th century, automated vehicles hold the potential to disrupt our current system of transportation and the fabric of our built environment. How automated vehicle systems are integrated into our regional transportation systems could have significant negative and positive effects on congestion, vehicle miles traveled (VMT), active transportation, greenhouse gas emissions (GHGs), and community health. There is a critical need to understand both the system levels on vehicle travel, GHGs, and human health. The project will provide critical understanding of and evidence for potential active travel, GHGs, and community health impacts of automated vehicles systems. Specifically, it will integrate the Integrated Transport and Health Impacts Model (ITHIM) with the automated vehicle scenario travel outputs from simulations with the San Francisco Bay Area regional travel demand model. The inter-disciplinary team will show the feasibility and importance of including health effects in the transportation planning process and give transportation planners insight they need to help guide the implementation of automated vehicles to

	help meet broader community goals, including greenhouse gas reduction.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links • Reports • Project website	http://ctech.cee.cornell.edu/final-project-reports/