Grant Deliverables and Reporting Requirements for UTC Grants

UTC Project Information	
Project Title	Develop a Safety Effectiveness Evaluation Tool for California
University	University of California Davis
Principal Investigator	Jia Li Michael Zhang
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Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT: $25,000 Caltrans: $20,908
Total Project Cost	$45,908
Agency ID or Contract Number	Sponsor Source: Federal Government CFDA #: 20.701 Agreement ID: 69A3551747119
Start and End Dates	▇ Start date: 10/01/2021 ▇ End date: 03/31/2023
Brief Description of Research Project	Safety is one of Caltrans' top priorities. Caltrans is in urgent need of a safety tool to evaluate various safety countermeasures and rank and prioritize safety projects. In this project we propose the development of a spreadsheet-based safety project evaluation tool that employs the state-of-the-practice methods, reflects local conditions, and tailors to Caltrans' needs. This tool will incorporate existing safety-related data for a project and quantify the impacts of one or more countermeasures using expected fatal and serious injury reduction. A key outcome of this project will be an interactive spreadsheet tool that allows performing safety analysis in a straightforward and reproducible fashion. The project will be conducted in partnership with the Safety Division of Caltrans. It is anticipated that the developed tool will be used by safety staff from different Caltrans districts across California.
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/