

<b>UTC Project Information</b>	
Project Title	MPC-598 – Assessing the Effectiveness of the Wyoming Connected Vehicle Pilot Program: New Traffic Safety Research Perspectives
University	University of Wyoming
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Funding Source(s) and Amounts Provided (by each agency or organization)	USDOT, Research and Innovative Technology Administration \$60,000  Wyoming Department of Transportation \$123,322
Total Project Cost	\$183,322
Agency ID or Contract Number	69A3551747108
Start and End Dates	April 16, 2019 to July 31, 2022
Brief Description of Research Project	The Wyoming Connected Vehicle (CV) Pilot is developing several applications that utilize Dedicated Short-Range Communication technologies to support a flexible range of services for advisories, roadside alerts, parking notifications, and dynamic travel guidance. The main focus of the CV Pilot Program is to reduce the impact of adverse weather on trucks on Interstate 80 in Wyoming. One of the main tasks in this pilot is to evaluate the performance of the Wyoming CV system. Twenty-one specific performance measures and the target benefits as well as approaches to measure the benefits of the Wyoming CV Pilot were identified by the performance management team. The primary objective of this project is to quantify the safety benefits of the CV pilot using non-traditional approaches. To evaluate the safety benefits of the CV applications, safety performance and microsimulation modeling will be conducted to aid in the evaluation process. Various CV penetration rates and/or CV strategies will be considered when evaluating the system performance.
Describe Implementation of Research Outcomes (or why not implemented)	
Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	
Web Links	<ul style="list-style-type: none"> <li>• Reports</li> <li>• Project Website</li> </ul>

