

<b>UTC Project Information</b>	
Project Title	MPC-453 – Speed Selection Behavior during Winter Road Conditions
University	University of Wyoming
Principal Investigator	Rhonda Young
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Funding Agencies	USDOT, Research and Innovative Technology Administration
Agency ID or Contract Number	DTRT12-G-UTC08, Modification No. 1
Project Cost	\$127,753
Start and End Dates	April 1, 2014- July 31, 2017
Project Duration	3 Year
Brief Description of Research Project	This study proposes to build on the work done on the four interstate variable speed limit corridors from the previous research and add additional rural interstate corridors also subject to frequent adverse winter weather conditions to investigate the questions described above. The research also proposes to use the results from observations and estimated models to provide recommendations on the use of traffic simulation tools to analyze weather responsive traffic management strategies. Lastly, the study will provide guidance on what speed compliance and speed variation targets would be appropriate for the analyzing the success of these weather responsive traffic management strategies.
Describe Implementation of Research Outcomes (or why not implemented)	The work presented in this report was further developed in subsequent research projects and is partially being implemented in the Wyoming Connected Vehicle Pilot Deployment work.
Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	Increased understanding of driver behavior in adverse weather conditions is critical to developing and successfully implementing weather responsive traffic management strategies.
Web Links	<a href="https://www.ugpti.org/resources/reports/details.php?id=960">https://www.ugpti.org/resources/reports/details.php?id=960</a>
	<ul style="list-style-type: none"> <li>• Reports</li> <li>• Project Website</li> </ul>