

<b>UTC Project Information</b>	
Project Title	MPC-452 – Updating the Highway Safety Manual 2010 - Part C: Regional Consideration of the Rocky Mountains and Plain Regions
University	University of Wyoming
Principal Investigator	Mohamed M. Ahmed, Ph.D. Khaled Ksaibati, Ph.D., P.E.
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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	\$147,412
Start and End Dates	April 1, 2014- July 31, 2017
Project Duration	3 Year
Brief Description of Research Project	The main objectives of this research project are to identify the adequacy of the first edition of the Highway Safety Manual (HSM) to quantify the safety performance of different roadway facilities in the region, calibrate and assess Safety Performance Functions based on regional data and to provide guidelines and recommendations for future research.
Describe Implementation of Research Outcomes (or why not implemented)	The outcomes are being used to develop Crash Modification Factors for various countermeasures on Wyoming's roadways.
Place Any Photos Here	
Impacts/Benefits of Implementation (actual, not anticipated)	The estimated Wyoming-specific full SPFs were statistically more accurate in predicting the number of crashes than the HSM calibrated ones and hence, they are recommended for assessing the safety performance of rural highways in Wyoming.

<p>Web Links</p> <ul style="list-style-type: none"><li>• Reports</li><li>• Project Website</li></ul>	<p><a href="https://www.ugpti.org/resources/reports/details.php?id=901">https://www.ugpti.org/resources/reports/details.php?id=901</a></p>
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