UTC Project Information	
Project Title	MPC-365 – Improved Understanding of Pavements Impacts and Cost-Effective Designs based on Mechanistic Empirical Methods
University	University of Wyoming North Dakota State University
Principal Investigator	Kahled Ksaibati Denver D. Tolliver
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Funding Agencies	USDOT, Research and Innovative Technology Administration
Agency ID or Contract Number	DTRT12-G-UTC08
Project Cost	$159,106.60
Start and End Dates	January 1, 2012 – December 31, 2013
Project Duration	2 Years
Brief Description of Research Project	Research the effectiveness of the MEPDG compared to the AASHTO 1993 guide for improvement and reconstruction to local paved roads in Wyoming and North Dakota affected by increased oil truck traffic. The effectiveness will be determined by comparing reconstruction and rehabilitation designs created using the MEPDG and the AASHTO 1993 guide. The dataset will first be evaluated using the AASHTO 1993 design procedures to come up with a recommended pavement improvement and reconstruction design. Next, using that same data and additional applicable input parameters, the process will be completed again with the MEPDG. Finally, the results will be reviewed to determine which guide provides the most suitable design for rehabilitation and reconstruction work for local paved roads in south east Wyoming and North Dakota.
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	https://www.ugpti.org/resources/reports/details.php?id=830