

UTC Project Information	
Project Title	MPC-520 – Financial Benefits of Proposed Access Management Treatments
University	South Dakota State University
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Funding Agencies	USDOT, Research and Innovative Technology Administration
Agency ID or Contract Number	DTRT13-G-UTC38
Project Cost	\$35,786
Start and End Dates	September 30, 2013 to September 30, 2018
Project Duration	September 30, 2013 to September 30, 2018
Brief Description of Research Project	This study seeks to accomplish the following research objectives: 1) Develop and validate a methodology for estimating the benefits to safety, operational efficiency, environment, and economic vitality resulting from proposed access management treatments; 2) Compile

	and derive data needed to support the benefit estimation methodology; and 3) Build, demonstrate, and document a software tool to estimate the benefit of proposed access management improvements.
Describe Implementation of Research Outcomes (or why not implemented) Place Any Photos Here	The South Dakota Department of Transportation (SDDOT) is using the spreadsheet software tools for estimation of benefits related to proposed access management implementation projects. Additionally, both spreadsheet software tools can be used for projects not specifically access management with the safety spreadsheet currently utilized by the safety section in that fashion.
Impacts/Benefits of Implementation (actual, not anticipated)	With a straightforward methodology, SDDOT can more effectively communicate with the public and concerned citizens regarding potential access management projects. Using the software, analysts will follow a consistent analytical procedure with related calculations and results generated by the software rather than manually, saving time. These results will be consistent from project to project, supporting design and access management decisions. Additionally, consideration of the traffic operations, traffic safety, and environmental impacts measures is key to an improved and sustainable transportation network.
Web Links <ul style="list-style-type: none"> • Reports • Project Website 	<ul style="list-style-type: none"> • MPC Research Report – Financial Benefits of Proposed Access Management Treatments