

**State Planning and Research Program  
Quarterly Report**

**PROJECT TITLE:** Updating the Impact of Capital Projects Decision Support Tool

**OBJECTIVES:**

- (1) Update the default values in the existing tool and expand the types of projects included in the tool.
- (2) Upgrade the tool to an interactive, web-based, dashboard-style application.

**PERIOD COVERED:** January 1 to March 31, 2025

**PARTICIPATING AGENCIES:** Minnesota Department of Transportation, Clear Roads Technical Advisory Committee, and University of Vermont

**PROJECT MANAGER:**

Hafiz Munir / Tom Peters

**LEAD AGENCY:**

MnDOT

**PRINCIPAL INVESTIGATOR:**

James Sullivan, UVM Transportation Research Center

**SP&R PROJECT NO:**

MnDOT Contract No.  
1054112

Federal Project Number:  
TPF-5(479)

**PROJECT IS:**

Planning

Research & Development

**ANNUAL BUDGET:** \$148,018 (Yrs 1 & 2)

**PROJECT EXPENDITURES TO DATE:** \$79,793

**WORK COMPLETED LAST QUARTER:**

- Continued Task 2: Continued calculating increases in vehicle-hours of travel per pass, service time, and salt use, as well as the potential need for additional trucks or different types of equipment from the new capital projects.
- Continued Task 3: Completed development of the draft decision-support tool for testing

**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:**

- Complete Task 2: Complete calculating increases in vehicle-hours of travel per pass, service time, and salt use, as well as the potential need for additional trucks or different types of equipment from the new capital projects.
- Continue Task 3: Begin development of the final decision-support tool after receiving comments and feedback on the draft

**STATUS AND COMPLETION DATE:** Project is on track to be completed as originally planned - December 31, 2025.