

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

X 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.