

## 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, 2024

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

**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:** \$58,354 (Year 1 of 2)

**PROJECT BUDGET:** \$148,018

**PROJECT EXPENDITURES TO DATE:** \$ 5,100

**WORK COMPLETED:**

- A kickoff meeting for the project was convened on February 15, 2024.
- Began Task 1: A set of draft survey questions (to be approved by Clear Roads prior to survey deployment) was submitted to the committee.
- Began Task 3: The review of examples of viable decision-support tools was initiated.

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

- Continue Task 1: Distribute the survey and begin collecting response data.
- Begin Task 2: Contact DOTs with archived AVL data for access.
- Continue Task 3: Develop a mock-up of the updated decision support tool for approval.

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