

# **FACT SHEET**

## **Traffic Safety Toolbox—Addressing Speeds**

#### **PROJECT TITLE**

Traffic Safety Toolbox— Addressing Speeds

#### STUDY TIMELINE

April 2022 - March 2023

#### **INVESTIGATORS**

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#### **KEYWORDS**

Speeding, countermeasures, toolbox, safety, rural transition zones

#### **FUNDING**

RDWP022-928 \$85,000

More information about the VTrans Research Program, including additional Fact Sheets, can be found at: <a href="http://vtrans.vermont.gov/planning/research">http://vtrans.vermont.gov/planning/research</a>

### Introduction or Problem Statement

Speeding on lower speed and local roadways is a major contributor to speeding-related fatalities in Vermont. In 2018, over half of all fatal crashes occurring on local and collector roadways were classified as speeding-related. Vermont does not currently have a "toolbox" for engineers and local officials to help determine the most effective



speeding countermeasures to improve safety on roads. While our engineers have experience using various tactics to improve road safety and reduce speeds, compiling all our resources into a single location will help identify the correct measures to take and how to implement them. This project will help the Districts and Towns where the responsibility of addressing speeds and improving safety often falls to local engineers or DPW superintendents, many of whom have limited experience in transportation safety.

### **Methodology or Action Taken**

This project identified a collection of 15 countermeasures that can implemented by towns in Vermont to lower roadway speeds. Their application in the Vermont context was supported by 4 speeding field tests and 4 interviewbased case studies. For each countermeasure, the research team created a profile sheet that includes illustrations. description, context discussion. design considerations, implementation pros & cons, and links to local case studies, field tests, and sources of further information. These profile sheets were compiled into a dynamic pdf document for use by towns in identifying countermeasures suited to their specific context.



### **Potential Impacts and VTrans Benefits**

This resource will improve VTrans' workflow, providing access to a much-needed resource for our districts and towns to identify the most effective ways to reduce speeding and prevent future speeding-related fatalities on our roadways.