

# VTrans Small Scale Local Grants for Safety Infrastructure using HSIP funds



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# Small Scale Local HSIP Grant Agenda

## Highway Safety Improvement Program (HSIP)

### Background Data Analysis

### Municipal Initiatives

### Small Scale Local HSIP Grant Program

- Types of Projects Included
- Application
- Important Dates

### Discussion

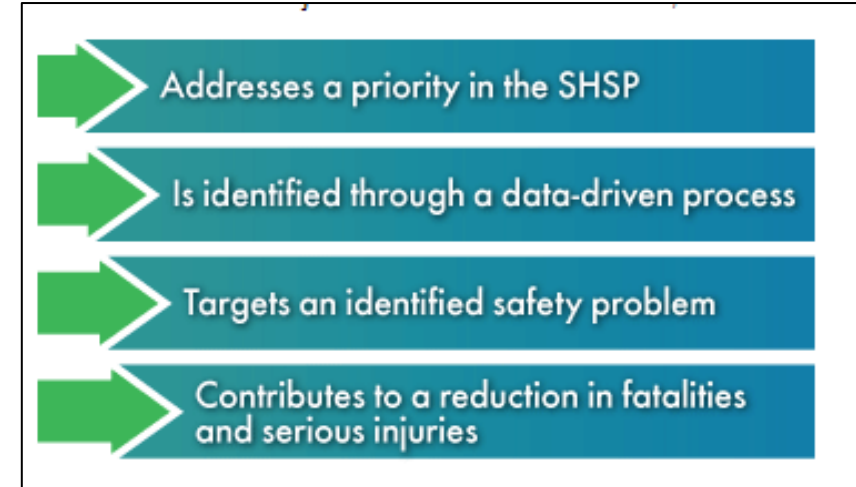
# Highway Safety Improvement Program

- Highway Safety Improvement Program (HSIP)

- Specific eligibility criteria in CFR
- \$12-14M/year
- SHSP-driven
- Includes “Special Rules”

Note: NOT the only safety-related funding source

- Data Review to determine where Fatalities and Serious Injuries are occurring
- Where are we falling short in addressing this crash history with allocation of HSIP funding?
  - Rural Locations
  - Local System



# HSIP Implementation into Evaluation



# Focused Local Road HSIP Grant Programs

- Challenges delivering projects on local roads
- Multi-pronged Local support Model
  - **Small Scale HSIP Grants (quick, low cost)**
  - Pre-screening of systemic issues and provision of countermeasure options
    - Environmental and ROW clearances accomplished by state
    - Significant projects requiring more ROW, Enviro analysis
- Some complex projects will still be delivered in-house



# Small Scale HSIP Safety Grant



## MUTCD Compliant Curve Warning Signs



# Small Scale HSIP Safety Grant

## Edge Line Markings on Paved Roads (standard or wider)



## Breakaway Devices

# Small Scale HSIP Safety Grant

## Intersection Signage



Figure 5. Application of intersection signage in Vermont.

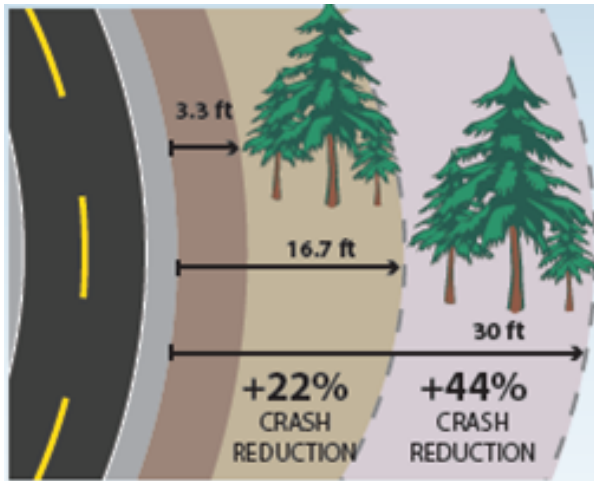


Figure 1. Crash reduction from clear zone widening.  
Source: FHWA.

## Remove Objects to Widen Clear Zone



# Small Scale HSIP Safety Grant Application

## 2023 VTrans Small Scale Safety Improvement Grant Application

1. Project Title:

2. Applicant Name(s):

3. Project Contact Info:

a. Name:

b. Mailing Address:

c. Town:

d. Zip Code:

e. Email Address:

f. Phone Number:

4. Fiscal Information:

a. Accounting:

Automated     Manual     Combination

b. Unique Entity Identifier #:

c. Fiscal Year End Month:

5. RPC:

6. RPC notified about this application?

7. Which countermeasure(s) are you proposing to implement?

a. Curve Signage

i. Chevrons     How many?

ii. Delineators     How many?

iii. Advanced Warning Signs     How many?

b. Intersection Signage

How many type b signs 36' x 36'?

How many type b signs 48' x 48'?

c. Edge Line Markings (add length for each side of roadway together)

i. 4"     How many linear feet?

ii. 6"     How many linear feet?

iii. 8"     How many linear feet?

d. Intersection Pavement Markings

i. Edge Line Markings     How many linear feet?

ii. Stop Bars     How many?

iii. Stop Ahead Markings     # of installations?

e. Breakaway Devices     How many?

f. Remove Fixed Objects (due to variation in prices, Removed Fixed Objects is not included in the estimate below)

Estimated Cost of Improvements based on inputs above (due to variation in prices, Removed Fixed Objects is not included in the estimate below)

**\*If total is less than \$5,000 or greater than \$35,000, you are not eligible for the grant.**

8. Project Description: Please give a brief description of the project (100 words or less.) Detailed information should be submitted as part of addressing the selection criteria. Be sure to include identifying streets or landmarks served by the proposed project.

9. Environmental Concerns: All projects require a review of potential impacts by our environmental team. To expedite to the review process, please check the boxes below that describe existing structures/ conditions to be maintained (if any) and the project description (if any).

Existing Structures:	
<input type="checkbox"/> Stone Culvert- <b>Take Pictures</b>	<input type="checkbox"/> Foundation remains, mill ruins stone walls, other - <b>Take Pictures</b>
<input type="checkbox"/> Building within 300 feet of work - <b>Take Pictures</b>	<input type="checkbox"/> Stone abutments or piers - <b>Take Pictures</b>
Project Description:	
<input type="checkbox"/> New ditches will be established	<input type="checkbox"/> All work will be completed from the existing road or shoulder
<input type="checkbox"/> Reestablishing existing only	<input type="checkbox"/> There will be excavation within 300 feet or a river or stream - <b>Take Pictures</b>
<input type="checkbox"/> Excavation within a floodplain - <b>Take Pictures</b>	<input type="checkbox"/> Tree cutting/clearing - <b>Take Pictures</b>

10. TOTAL SMALL-SCALE PROJECT CONSTRUCTION AMOUNT APPLIED FOR

Note: \$5,000 Minimum  
\$35,000 Maximum

11. If the amount estimated in item 10 is higher than the estimate in item 7 above, please attach estimate to provide detailed explanation below. This is required for any projects that include Remove Fixed Objects.

Return this form by email to [AOT.HSIPEngineer@vermont.gov](mailto:AOT.HSIPEngineer@vermont.gov). Also include a clearly annotated map (see example in Grant Guide) showing project limits, locations of proposed treatments, environmental and historic features, route numbers and/or road names, and any other pertinent information.

# Important Information

## Small Scale Local HSIP Grant **applications**

- available May 1, 2023
- **due June 16, 2023**

## **Training Session** Small Scale Local HSIP Grant applications

- Via Teams on **May 16, 2023 at 1pm**

Applications, Grant Guide and supplemental technical information will be found at

<http://vtrans.Vermont.gov/highway/local-projects/hsip>

Email questions to: [AOT.HSIPEngineer@vermont.gov](mailto:AOT.HSIPEngineer@vermont.gov)