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

- Shift to Rural
- Shift to Collector and Local Roads
- Shift to locally owned roads
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

Remove Objects to Widen Clear Zone

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

Figure 5. Application of intersection signage in Vermont.
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: ____________________________
      [Select O] [Select D]
   d. RIC: ____________________________
   e. RRC notified about this application? ____________________________ [Select O] [Select C]

7. Which countermeasure(s) are you proposing to implement?
   a. Curve Signage
      i. Chevron ( ) How many?
      ii. Delrinizers ( ) How many?
      iii. Advanced Warning Signs ( ) How many?
   b. Intersection Signage
      How many type b signs 30’ 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 variations in pricing): Removed Fixed Objects is not included in the estimate below.

Estimated Cost of Improvements based on inputs above (due to variations in pricing): Removed Fixed Objects is not included in the estimate below.

10. TOTAL SMALL SCALE PROJECT CONSTRUCTION AMOUNT APPLIED FOR
   Note: $5,000 Minimum
       $50,000 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. 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.

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 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:
   - Storm Culvert - Take Pictures
   - Foundation remains, mill runs stone walls, gravel - Take Pictures
   - Building within 300 feet of work - Take Pictures
   - Trees, shrubbery or posts - Take Pictures

   Project Description:
   - New drain will be established
   - All work will be completed from the existing road or shoulder
   - Reconstruction existing entry
   - Reestablishing existing entry
   - Road construction within 300 feet of a river or stream - Take Pictures
   - Excavation within a floodplain - Take Pictures
   - Tree cutting/shaping - Take Pictures

VHB
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

Email questions to: AOT.HSIPEngineer@vermont.gov