



# Municipal Small Bridge Program Application

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## Part A: Basic Information

Date: 9/21/2016

City/Town: Buckland

Road: Apple Valley Road

Feature under Bridge:

Bridge Number: B-28-029

Reason for Application (Describe the condition of the bridge):

Proposed Project Type (New bridge; Bridge Rehabilitation; Bridge Preservation):

Indicate if the bridge currently closed, posted (include the loading) or restricted (include by how much):

Contact Person: Steve Daby

Address: 17 State Street, Shelburne Falls, MA 01370

e-mail: bucklandhwy@crocker.com

Telephone: 413-625-2367

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## Part B: Applicability

1. Is the span of the bridge greater than 10 feet and less than or equal to 20 feet? Yes ☒ No ☐  
Comments:
2. Is the bridge on a public way? Yes ☒ No ☐  
Comment:
3. Is the bridge on the State Bridge Inventory? Yes ☒ No ☐  
Comment:
4. Are all municipally-owned bridges in the City/Town with reduced weight-carrying capacity properly posted as previously directed by MassDOT? Yes ☐ No ☒  
Comment:
5. Can the 25% design be submitted within 6 months of the application approval? Yes ☒ No ☐  
Comment:

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## Part C: Proposed Project

### 1. Description of Work

- a. Has the bridge(s) been inspected? If so, please provide the condition ratings and a copy of the inspection report.
- b. Has the bridge(s) been rated? If so, please provide the inventory ratings and copy of the rating report.
- c. If neither of the above is applicable, provide a description of the condition of the bridge(s); state the City/Town's concerns regarding the continued unrestricted use of the bridge(s); and what actions are planned by the City/Town to ensure continued safe use of the bridge(s).
- d. Please describe the scope of work for the proposed project.
- e. Please describe any anticipated design services that will be required for this project, including the length of time required to secure and complete these services.
- f. Please provide the estimated cost of the project, including design services.
- g. Has the community signed the Community Compact?

Yes

### 2. Description of Demonstrated Public Need

- a. What is the length (in miles) of a suitable detour around the bridge?

There is no detour. The bridge leads to a dead end.

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- b. Please describe the emergency services carried by the bridge. Consider how often the roadway is used as a fire, police, and/or EMT route.
  
- c. Please describe how the bridge serves the local economy (commercial and industrial). Consider the following: agricultural, tourist/recreational sites, commercial district, major employer, other economic generators, etc.
  
- d. Please describe the essential services carried by the bridge. Consider the following: heating oil, propane gas, trash/recycling, septic tank service, school busses, mail, other delivery services, etc. and if a viable detour for these services currently exists.

All services to the 5 homes must pass over this bridge. There is no detour. Mostly concerned about emergency services accessing the residents on the other side of the bridge.

### **3. Description of Demonstrated Financial Need**

- a. Please provide the current annual Chapter 90 apportionment for your municipality and balance of uncommitted funds. Please explain why the limited funds of the Municipal Small Bridge Program are needed to advance the project.

Buckland received \$186,612 for FY2017. There is currently \$70,520.81 in the Town's Chapter 70 undesignated.

- b. What other sources of funds does the municipality have to repair its bridges? Please explain why these are insufficient or inappropriate for this project.

Taxation. Taxation is inadequate as we are already taxing at our levy limit to provide municipal services. And as we are still \$700,000 in debt for storm damage from Hurricane Irene, borrowing additional funds is not an option.

TOWN OF BUCKLAND  
MASSACHUSETTS



October 30, 2017

RE: Apple Valley Road Bridge Grant Application

To Whom It May Concern:

The Town of Buckland is submitting this application for the Small Bridge Program for Bridge B-28-029 on Apple Valley Road over an unnamed Brook. I think the application will demonstrate to you the scour and void conditions of the bridge footings and the need of the Town to receive this assistance.

Buckland is a Town of just under 1900 residents and a project of this size would be impossible for our Highway budget without assistance. The condition of the bridge and its significance as access for residents in the Clesson Brook area of Buckland that was devastated during Tropical Storm Irene makes this an important priority for the Town.

Receiving this grant would allow the Town to insure that our residents have safe access to their homes and that they can adequately receive normal services such as deliveries to their homes, as well as receiving vital emergency services from the police, fire and ambulance during emergencies.

I hope that you will agree that this project demonstrates all the necessary components to receive funding and we look forward to working with you. If you need any additional information please do not hesitate to contact me.

Sincerely,

A handwritten signature in cursive script that reads "Andrea Llamas".

Andrea Llamas  
Town Administrator  
Town of Buckland

TOWN OF BUCKLAND  
MASSACHUSETTS



October 30, 2017

RE: Apple Valley Road Bridge Grant Application

To Whom It May Concern:

The Town of Buckland is submitting an application for the Small Bridge Program for a Bridge on Apple Valley Road over an unnamed Brook. This application shows the scour conditions of the bridge and the need of the Town to receive assistance in its repair.

As a Town with just under 1900 residents, projects of this magnitude are impossible with an annual Highway budget of approximately \$400,000. The Clesson Brook area is full of brooks, streams and crossings. The area was devastated during Tropical Storm Irene and the Town has been making the area a priority to establish safe and stable conditions through updating as much of the infrastructure as possible to avoid those types of damage and repair costs in the future. Though the bridge structure in this case is in good condition if it is undermined and damaged the cost to repair this structure would be many times higher.

Receiving this grant would allow the Town to continue this repair and improvement initiative so that our residents have safe access to their homes and can be sure of receiving vital emergency services from the police, fire and ambulance as well as routine access by delivery vehicles and school buses.

I hope that you will agree that this project demonstrates all the necessary components to receive funding. If you need any additional information please do not hesitate to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "Steve Daby". The signature is fluid and cursive, with the first name "Steve" being more prominent.

Steve Daby  
Highway Superintendent  
Town of Buckland