From: <u>Jason Gaudette</u>

To: <u>Bristol Town Administrator</u>
Cc: <u>Jonathan Ashley; Eric Cota</u>

Subject: Re: FEMA PA Notification - REQUEST FOR INFORMATION - RFI-PRJ-105530 - Project #[732394] - Bristol, Town

of (001-09025-00) (Disaster - 4720DR)

**Date:** Wednesday, July 17, 2024 2:33:25 PM

Attachments: image001.png
Outlook-a4gz4o0z.png

Hi Valerie:

Quick follow up after our last discussions.

We completed an analysis based on the exposed slope geometry and my observations. We used the Colorado Rockfall Simulation Program (CRSP) that "models rockfall behavior and provides a statistical analysis of probable rockfall events".

Our results show a simple 6-foot high barrier at the slope toe (beside Lincoln Road) would significantly reduce the risk of rounded boulders rolling down the slope and crossing the road. The barrier height is equal to 3 stacked concrete blocks. The potential for the existing (4x4x2) concrete wall blocks reaching Lincoln Road was much less likely based on their shape.

Ideally new blocks are used as barriers at the slope toe to limit any more disturbance to the upper slope and wall. However, we also showed that removing the upper row or two of concrete blocks at the existing wall does not have an adverse effect on global stability, if the Town chooses to use some of these blocks for the lower barrier. Please let us know if the Town plans to do this - and when - so we can provide additional guidance on sandbag placement, sloping back the exposed soil, etc.

Jason Gaudette

Associate



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**From:** Bristol Town Administrator < townadmin@bristolvt.org>

**Sent:** Tuesday, July 16, 2024 3:05 PM

**To:** Stansbury Jr, Merlin (CTR) < <u>merlin.stansburyir@associates.fema.dhs.gov</u>>

**Cc:** Grant Admin <<u>grantadmin@bristolvt.org</u>>; Mitchell-Cox, Donna <<u>donna.mitchellcox@fema.dhs.gov</u>>; Giboyeaux Caraballo, Nicole <<u>Nicole.GiboyeauxCaraballo@fema.dhs.gov</u>>; Monreal III, Nickolas

<<u>nickolas.monrealiii@fema.dhs.gov</u>>; Eric Cota <<u>bristolhighway@gmavt.net</u>>; Bristol Clerk

 $<\!\!\underline{clerk@bristolvt.org}\!\!>; \underline{peeker@gmavt.net}\!\!<\!\!\underline{peeker@gmavt.net}\!\!>; Jonathan Ashley <\!\!\underline{jashley@dubois-}$ 

king.com>; Jason Gaudette < jgaudette@geocompanies.com>

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Thank you, Merliin (Chip). We will try to tackle this before our check-in meeting next week.

It will probably not be a big surprise to learn that last week's storm on the anniversary of the July 2023 storm(s) caused more damage to Briggs Hill Road and the slope. Last year's event rendered it vulnerable to new stormwater drainage patterns and additional slope failures.

New erosion is undermining the concrete blocks at the top and exposed some large (heavy) boulders within the slope that could eventually roll down the hill and across or onto Lincoln Road. Our highest concern is public safety. The geotech specialist on the engineering team is in the process of analyzing appropriate next immediate steps. One suggestion so far is to either remove some of the concrete blocks from the top (to reduce the weight) and put them at the bottom of the slope as a protective barrier for Lincoln Road, or leave the blocks in place and install new blocks at the bottom. In any case, a new protective barrier is strongly recommended for the bottom of the slope.

I do not have experience with a recovery effort that might be covered by two different disaster declarations. If that turns out to be the case, we will welcome guidance about how to navigate the expenses between them. And if not, how would we adjust the current scope to account for the new damages? Perhaps these are things we can plan to talk about Monday.

Thank you,

--Valerie

Valerie Capels, Town Administrator

Town of Bristol

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E: townadmin@bristolvt.org

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IG: https://www.instagram.com/townofbristolvt/

Tw: @BristolTownAdm

Please note this email message, along with any response or reply, may be considered a public record subject to disclosure under the Vermont Public Records Law (1 V.S.A. §§ 315-320).

**From:** Stansbury Jr, Merlin (CTR) < merlin.stansburyir@associates.fema.dhs.gov>

**Sent:** Tuesday, July 16, 2024 11:26 AM

**To:** Bristol Town Administrator < <a href="mailto:townadmin@bristolvt.org">townadmin@bristolvt.org</a>>

**Cc:** Grant Admin <<u>grantadmin@bristolvt.org</u>>; Mitchell-Cox, Donna <<u>donna.mitchellcox@fema.dhs.gov</u>>; Giboyeaux Caraballo, Nicole

<<u>Nicole.GiboyeauxCaraballo@fema.dhs.gov</u>>; Monreal III, Nickolas

<nickolas.monrealiii@fema.dhs.gov>

**Subject:** FEMA PA Notification - REQUEST FOR INFORMATION - RFI-PRJ-105530 - Project #[732394] - Bristol, Town of (001-09025-00) (Disaster - 4720DR)

Good Morning Valerie,

Hope all is well.

I would like to follow up on the subject request for information (RFI) for the subject project 732394.

Please review and respond to the RFI in Grants Portal.

Please feel free to call me if you should have any questions. This is the same project that combined the DI-1355638 previously assigned to project 734740 into project 732394. Project 734740 has been withdrawn.

Best,

Merlin C. Stansbury

Program Delivery Manager | DR4720-VT | Public Assistance

Mobile: (802) 305-9684

merlin.stansburyjr@associates.fema.dhs.gov Federal Emergency Management Agency FEMA PA Policy, Guidance & Fact Sheets



**From:** <a href="mailto:support.pagrants@fema.dhs.gov">support.pagrants@fema.dhs.gov</a>>

**Sent:** Monday, July 15, 2024 8:54 AM

**To:** Stansbury Jr, Merlin (CTR) < <u>merlin.stansburyjr@associates.fema.dhs.gov</u>>; Butcher, Brantley

(FEMA Corps) < <a href="mailto:butcher@associates.fema.dhs.gov">brantley.butcher@associates.fema.dhs.gov</a> 
Cc: Mitchell-Cox, Donna < <a href="mailto:donna.mitchellcox@fema.dhs.gov">donna.mitchellcox@fema.dhs.gov</a>

Subject: FEMA PA Notification - REQUEST FOR INFORMATION - RFI-PRJ-105530 - Project #[732394] -

Bristol, Town of (001-09025-00) (Disaster - 4720DR)

The Consolidated Resource Center (CRC) reviewed the application for Bristol, Town of, on the Event 4720DR-VT (4720DR), including all supporting documentation, for project [732394] Bristol townwide road, Culvert, Ditches, and Guardrail Repair. Upon review of the information provided, the CRC requires the following additional information to complete the review:

# • 1. Scope of Work and Cost Estimate

- **Request Details:** In Grants Manager, Project 732394 has 2 DI's (1350650, 1355638). However, cost have not been separate by DI's in summaries provided. Please provide cost breakdown for each DI. As per the Damage Inventory Development Aid updated 10-2018 page 5; if the Applicant is not able to separate the source documentation to support each line item, the project should only have one damage line item.
- **Request Classification:** Allowable Costs & Reasonable Costs

### • 2. Mitigation Documents

- **Request Details:** Per document: DR4720-Town of Bristol-P732394-Bristol Town Roads, Culvert, and Guardrail-DDD-Updated (1).pdf, applicant added additional 84 CY of 1-foot minus Rip Rap as a hazard mitigation measure. Please provide breakdown of in-kind cost and additional hazard mitigation cost.
- **Request Classification:** Hazard Mitigation

#### • 3. Additional Information

- **Request Details:** Per document: DR4720-Town of Bristol-P732394-Bristol Town Roads, Culvert, and Guardrail-DDD-Updated (1).pdf, applicant added a new 450 LF of steel guard rail and posts component requested by applicant to improve safety of residents per town's codes and standards. a. What was the damage that triggered the use of the guard rail per town's codes and standards?
- **Request Classification:** Allowable Costs & Reasonable Costs

You may review additional details for this Request for Information RFI-PRJ-105530 in Grants Manager.

If you have questions regarding this request, contact GIBOYEAUX CARABAL, NICOLE M., at <a href="Micole.GiboyeauxCaraballo@fema.dhs.gov">Nicole.GiboyeauxCaraballo@fema.dhs.gov</a> or (202) 710-1413.

If you require additional assistance with the <u>FEMA Grants Manager</u>, please contact the Grants Manager Hotline at (866) 337-8448 or <u>FEMA-Recovery-PA-Grants@fema.dhs.gov</u>

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