

2691 - Blacksburg Street and Mill Dam Removal Study

Application Details

Funding Opportunity:
2337-Virginia Community Flood Preparedness Fund - Study Grants - CY24 Round 5

Funding Opportunity Due Date: Jan 24, 2025 11:59 PM

Program Area: Virginia Community Flood Preparedness Fund

Status: Under Review

Stage: Final Application

Initial Submit Date: Dec 20, 2024 12:21 PM

Initially Submitted By: Bethany Whitfield

Last Submit Date:

Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes

Type: External User

Name*: Mrs. Bethany Middle Name Whitfield
Salutation First Name Last Name

Title: Manager, Proposal Management Office

Email*: bwhitfield@res.us

Address*: 1408 Roseneath Rd
Suite B

Richmond Virginia 23230
City State/Province Postal Code/Zip

Phone*: 989-709-8428 Ext.
Phone
###-###-####

Fax: ###-###-####

Comments:

Organization Information

Status*: Approved

Name*: Tazewell County

Organization Type*: Local Government

Tax ID*: 54-6001649

Unique Entity Identifier (UEI)*: K7EPDEL2B141

Organization Website:

Address*: 197 Main Street

Phone*: Tazewell Virginia 24651-
City State/Province Postal Code/Zip
(276) 385-1208 Ext.
~~###-###-####~~

Fax: ~~###-###-####~~

Benefactor:

Vendor ID:

Comments:

VCFPF Applicant Information

Project Description

Name of Local Government*: Tazewell County

Your locality's CID number can be found at the following link: [Community Status Book Report](#)

NFIP/DCR Community Identification Number (CID)*: 510160

If a state or federally recognized Indian tribe,

Name of Tribe:

Authorized Individual*: Eric Young
First Name Last Name

Mailing Address*: 197 Main Street
Address Line 1
Address Line 2
Tazewell Virginia 24651
City State Zip Code

Telephone Number*: 276-385-1208

Cell Phone Number*: 276-385-1208

Email*: eyoung@tazewellcounty.org

Is the contact person different than the authorized individual?

Contact Person*: Yes

Contact: Charlie Westbrook
First Name Last Name
1408 Roseneath Rd
Address Line 1
Address Line 2
Richmond Virginia 23230
City State Zip Code

Telephone Number: 804-486-5249

Cell Phone Number: 703-447-9505

Email Address: cwestbrook@res.us

Enter a description of the project for which you are applying to this funding opportunity

Project Description*:

Tazewell County seeks Virginia Community Flood Preparedness Fund assistance for a study on removing the obstructive mill building and dam in North Tazewell's Blacksburg Street Community. The study's scope includes comprehensive planning, modeling, and community engagement aiming to alleviate frequent flooding and restore the creek's natural flow. Proposed mitigation strategies include the acquisition of flood storage areas and the restoration to their natural state.

Low-income geographic area means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

Is the proposal in this application intended to benefit a low-income geographic area as defined above?

Benefit a low-income geographic area*: Yes

Information regarding your census block(s) can be found at census.gov

Census Block(s) Where Project will Occur*: Block 2018

Is Project Located in an NFIP Participating Community?* Yes

Is Project Located in a Special Flood Hazard Area?* Yes

Flood Zone(s) (if applicable): ZoneAE/Zone X

Flood Insurance Rate Map Number(s) (if applicable): 51185C0194D

Eligibility - Round 4

Eligibility

Is the applicant a local government (including counties, cities, towns, municipal corporations, authorities, districts, commissions, or political subdivisions created by the General Assembly or pursuant to the Constitution or laws of the Commonwealth, or any combination of these)?

Local Government*: Yes
Yes - Eligible for consideration
No - Not eligible for consideration

If the applicant is not a town, city, or county, are letters of support from all affected local governments included in this application?

Letters of Support*: Yes
Yes - Eligible for consideration
No - Not eligible for consideration

Has this or any portion of this project been included in any application or program previously funded by the Department?

Previously Funded*: No
Yes - Not eligible for consideration
No - Eligible for consideration

Has the applicant provided evidence of an ability to provide the required matching funds?

Evidence of Match Funds*: Yes
Yes - Eligible for consideration
No - Not eligible for consideration
N/A - Match not required

Scope of Work - Studies - Round 4

Scope of Work

Upload your Scope of Work

Please refer to Part IV, Section B. of the grant manual for guidance on how to create your scope of work

Scope of Work*: CID510160_Tazewell County_CFPF-5_SOW_blacksburg.pdf

Comments:

Budget Narrative

Budget Narrative Attachment*: CID510160_Tazewell County_CFPF-5_BudgetN.pdf

Comments:

Scoring Criteria for Studies - Round 4

Scoring

Revising floodplain ordinances to maintain compliance with the NFIP or to incorporate higher standards that may reduce the risk of flood damage. This must include establishing processes for implementing the ordinance, including but not limited to, permitting, record retention, violations, and variances. This may include revising a floodplain ordinance when the community is getting new Flood Insurance Rate Maps (FIRMs), updating a floodplain ordinance to include floodplain setbacks or freeboard, or correcting issues identified in a Corrective Action Plan.

Revising Floodplain Ordinances*: No
Select

Creating tools or applications to identify, aggregate, or display information on flood risk or creating a crowd-sourced mapping platform that gathers data points about real-time flooding. This could include a locally or regionally based web-based mapping product that allows local residents to better understand their flood risk.

Mapping Platform*: No
Select

Conducting hydrologic and hydraulic studies of floodplains. Applicants who create new maps must apply for a Letter of Map Revision or a Physical Map Revision through the Federal Emergency Management Agency (FEMA).

Hydrologic and Hydraulic Studies*: Yes
Select

Studies and Data Collection of Statewide and Regional Significance. Funding of studies of statewide and regional significance and proposals will be considered for the following types of studies:

Updating precipitation data and IDF information (rain intensity, duration, frequency estimates) including such data at a sub-state or regional scale on a periodic basis.

Updating Precipitation Data and IDF Information*: No
Select

Regional relative sea level rise projections for use in determining future impacts.

Projections*: No
Select

Vulnerability analysis either statewide or regionally to state transportation, water supply, water treatment, impounding structures, or other significant and vital infrastructure from flooding.

Vulnerability Analysis*: No
Select

Flash flood studies and modeling in riverine regions of the state.

Flash Flood Studies*: No
Select

Statewide or regional stream gauge monitoring to include expansion of existing gauge networks.

Stream Gauge Monitoring*: No
Select

New or updated delineations of areas of recurrent flooding, stormwater flooding, and storm surge vulnerability in coastal areas that include projections for future conditions based on sea level rise, more intense rainfall events, or other relevant flood risk factors.

Delineations of Areas of Recurrent Flooding*: No
Select

Regional flood studies in riverine communities that may include watershed-scale evaluation, updated estimates of rainfall intensity, or other information.

Regional Flood Studies*: No
Select

Regional Hydrologic and Hydraulic Studies of Floodplains

Regional Hydrologic and Hydraulic Studies of Floodplains*: No
Select

Studies of potential land use strategies that could be implemented by a local government to reduce or mitigate damage from coastal or riverine flooding.

Potential Land Use Strategies*: No
Select

Pluvial Studies

Pluvial Studies*: No
Select

Other proposals that will significantly improve protection from flooding on a statewide or regional basis.

Other Proposals*: No
Select

Is the project area socially vulnerable? (based on ADAPT Virginia's Social Vulnerability Index Score)

Social Vulnerability Scoring:

Very High Social Vulnerability (More than 1.5)

High Social Vulnerability (1.0 to 1.5)

Moderate Social Vulnerability (0.0 to 1.0)

Low Social Vulnerability (-1.0 to 0.0)

Very Low Social Vulnerability (Less than -1.0)

Socially Vulnerable*: Moderate Social Vulnerability (0.0 to 1.0)

Is the proposed project part of an effort to join or remedy the community's probation or suspension from the NFIP?

NFIP*: No

Is the proposed project in a low-income geographic area as defined below?

"Low-income geographic area" means any locality, or community within a locality, that has a median household income that is not greater than 80 percent of the local median household income, or any area in the Commonwealth designated as a qualified opportunity zone by the U.S. Secretary of the Treasury via his delegation of authority to the Internal Revenue Service. A project of any size within a low-income geographic area will be considered.

Low-Income Geographic Area*: Yes

Projects eligible for funding may also reduce nutrient and sediment pollution to local waters and the Chesapeake Bay and assist the Commonwealth in achieving local and/or Chesapeake Bay TMDLs.

Does the proposed project include implementation of one or more best management practices with a nitrogen, phosphorus, or sediment reduction efficiency established by the Virginia Department of Environmental Quality or the Chesapeake Bay Program Partnership in support of the Chesapeake Bay TMDL Phase III Watershed Implementation Plan?

Reduction of Nutrient and Sediment Pollution*: No

Comments:

Scope of Work Supporting Information - Studies

Scope of Work Supporting Information

Is the proposed study a new study or updates on a prior study?

New or Updated Study*: New Study

Describe the relationship of the study to the local government's needs for flood prevention and protection, equity, community improvement, identification of nature-based solutions or other priorities contained in this manual

**Relationship of Study to
Priorities Contained in this
Manual*:**

The study aims to evaluate the removal of the mill building and dam and address the Blacksburg Street Community's urgent need for mitigating frequent flooding and restoring the natural flow of the creek. This approach aligns with the local government's priority of protecting the community from flood-related risks, which includes loss of life, property damage, environmental degradation, and disruption to daily life. It demonstrates a

commitment to equity and community improvement by regularly and purposefully engaging residents throughout the process. The consideration of nature-based solutions in the study emphasizes the local government's dedication to sustainable and environmentally friendly approaches to flood mitigation.

Describe the qualifications of the individuals or organizations charged with conducting the study or the elements of any request for proposal that define those qualifications

Qualifications of Individuals

Conducting Study*:

Tazewell County will be responsible for providing the required grant match and procuring and managing the design consultant and the construction team. Key staff include:

? C. Eric Young, County Administrator, responsible for ensuring the decisions of the Board of Supervisors are followed, the county runs efficiently, and emergency management.

? Kenneth E. Dunford, Jr., Director of Engineering, responsible for erosion and sediment control and floodplain management.

? Charles Erwin Earnest, Engineering Field Tech in the Department of Planning and Engineering.

? Bradley Gibson, Address Coordinator, in the Department of Planning and Engineering.

? Charles Young, Administrator, in the Department of Planning and Engineering.

? Gary Jackson, Building Official, responsible for compliance with the Uniform Statewide Building Code.

? Barry L. Brooks, Jr, Director of Public Safety, responsible for fire and EMS stations.

Town of Tazewell will be involved in the process and represented by Todd Day, Town Manager. A qualified consultant will be competitively procured to conduct the work.

Describe the expected use of the study results in the context of the local resilience plan or, in the case of regional plans, how the study improves any regional approach

Expected use of Study Results*:

The proposed study was developed because of the area being named a hotspot for flooding in the Tazewell County Flood Resilience Plan. The study and project team is a continuation of the plan and data and insights obtained will help to guide decision making. The assessment and feasibility of removing the obstructive abandoned mill building and associated dam contribute to the plan's objectives of mitigating flood risks and enhancing community resilience. The outcomes can inform and strengthen regional approaches to flood management and resilience, fostering collaboration and shared best practices among other communities in the region facing similar challenges. The findings can help to inform more effective regional strategies that aim to minimize the impact of flooding and enhance community preparedness.

If applicable, describe how the study may improve Virginia's flood protection and prevention abilities in a statewide context (type N/A if not applicable)

Statewide Improvements*:

The study can provide valuable insights and best practices that can be used for other flood-prone areas across the state of Virginia. The potential outcome of the study includes the removal of the mill building and dam to restore the natural flow of the creek. The successful implementation of this mitigation measure will depend on the success of the study. A successful study and implementation can serve as a blueprint for similar initiatives in other communities. The study's focus on community engagement and nature-based solutions can promote a holistic and sustainable approach to flood prevention and protection statewide.

Provide a list of repetitive and/or severe repetitive loss properties. Do not provide the addresses for the properties, but include an exact number of repetitive and/or severe repetitive loss structures within the project area

Repetitive Loss and/or Severe CID510160_TazewellCounty_CFPF-5_RepLoss.pdf

Repetitive Loss Properties*:

Describe the residential and commercial structures impacted by this project, including how they contribute to the community such as historic, economic, or social value. Provide an exact number of these structures in the project area

Residential and/or Commercial

Structures*:

The Blacksburg Street Community is a historically black, low-income geographic area. There are a total of 25 structures within the floodplain and around 10 to 12 residential homes. Those living in the community are either homeowners or renters. The homeowners in the area are long-term residents and have made significant investments in their home and the community. All residential homes are within the 100-year floodplain and are susceptible to the impacts of flooding.

If there are critical facilities/infrastructure within the project area, describe each facility

Critical Facilities/Infrastructure*:

There are no critical facilities in the project area.

Budget

Budget Summary

Grant Matching Requirement*:

LOW INCOME - Flood Prevention and Protection Studies - Fund 90%/Match 10%

Is a match waiver being requested?

Match Waiver Request No

Note: Only low-income communities are eligible for a match waiver

*:

I certify that my project is in a low-income geographic area: Yes

Total Project Amount (Request + Match)*: \$296,292.00
**This amount should equal the sum of your request and match figures

REQUIRED Match Percentage Amount: \$29,629.20

BUDGET TOTALS

Before submitting your application be sure that you meet the match requirements for your project type.

Match Percentage:

10.00%

Verify that your match percentage matches your required match percentage amount above.

Total Requested Fund Amount: \$266,663.60

Total Match Amount: \$29,629.20

TOTAL: \$296,292.80

Personnel

Description	Requested Fund Amount	Match Amount Match Source
No Data for Table		

Fringe Benefits

Description	Requested Fund Amount	Match Amount Match Source
No Data for Table		

Travel

Description	Requested Fund Amount	Match Amount Match Source
No Data for Table		

Equipment

Description	Requested Fund Amount	Match Amount Match Source
No Data for Table		

Supplies

Description	Requested Fund Amount	Match Amount Match Source
No Data for Table		

Construction

Description	Requested Fund Amount	Match Amount Match Source
No Data for Table		

Contracts

Description	Requested Fund Amount	Match Amount Match Source
Consulting Procurement	\$266,663.60	\$29,629.20 Tazewell County
	\$266,663.60	\$29,629.20

Pre-Award and Startup Costs

Description	Requested Fund Amount	Match Amount Match Source
No Data for Table		

Other Direct Costs

Description	Requested Fund Amount	Match Amount Match Source
No Data for Table		

Supporting Documentation

Supporting Documentation

Named Attachment	Required Description	File Name	Type	Size	Upload Date
Detailed map of the project area(s) (Projects/Studies)	Detailed maps of the study area	CID510160_Tazewell County_CFPF-5_Maps.pdf	pdf	10 MB	12/20/2024 11:47 AM
FIRMette of the project area(s) (Projects/Studies)	FEMA FIRMette of the study area	CID510160_Tazewell County_CFPF-5_FIRMette.pdf	pdf	781 KB	12/20/2024 11:48 AM
Historic flood damage data and/or images (Projects/Studies)	Historic flooding data	CID510160_Tazewell County_CFPF-5_Flooding.pdf	pdf	1 MB	12/20/2024 11:48 AM
A link to or a copy of the current floodplain ordinance	Tazewell County floodplain ordinance	CID510160_Tazewell County_CFPF-5_Ordinance.pdf	pdf	225 KB	12/20/2024 11:49 AM
Maintenance and management plan for project					
A link to or a copy of the current hazard mitigation plan	Current Hazard Mitigation Plan	CID510160_Tazewell County_CFPF-5_HMP.pdf	pdf	13 MB	12/20/2024 11:50 AM
A link to or a copy of the current comprehensive plan	Current comprehensive plan	CID510160_Tazewell County_CFPF-5_CompPlan.pdf	pdf	2 MB	12/20/2024 11:51 AM
Social vulnerability index score(s) for the project area	AdaptVA SVI score map for the study area	CID510160_Tazewell County_CFPF-5_SVI.pdf	pdf	1 MB	12/20/2024 11:52 AM
Authorization to request funding from the Fund from governing body or chief executive of the local government	Authorization to request funding	CID510160_Tazewell County_CFPF-5_AuthPledge.pdf	pdf	133 KB	12/20/2024 11:53 AM
Signed pledge agreement from each contributing organization	Tazewell County pledges the match requirement	CID510160_Tazewell County_CFPF-5_AuthPledge.pdf	pdf	133 KB	12/20/2024 11:54 AM
Maintenance Plan					
<i>Benefit-cost analysis must be submitted with project applications over \$2,000,000. in lieu of using the FEMA benefit-cost analysis tool, applicants may submit a narrative to describe in detail the cost benefits and value. The narrative must explicitly indicate the risk reduction benefits of a flood mitigation project and compares those benefits to its cost-effectiveness.</i>					
Benefit Cost Analysis					
Other Relevant Attachments	Tazewell County Flood Resilience Plan	CID510160_Tazewell County_CFPF-5_ResiliencePlan.pdf	pdf	4 MB	12/20/2024 11:56 AM

Letters of Support

Description	File Name	Type	Size	Upload Date
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Description	File Name	Type	Size	Upload Date
Letters of support for the proposed study	CID510160_Tazewell County_CFPF-5_Support.pdf	pdf	222 KB	12/20/2024 11:56 AM