

# 2688 - Richlands Fire Rescue Station 3 - Claypool Hill Study

## Application Details

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**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 12:20 PM

**Initially Submitted By:** Bethany Whitfield

**Last Submit Date:**

**Last Submitted By:**

## Contact Information

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### 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

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### *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  
Suite B  
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 assistance from the Virginia Community Flood Preparedness for the Claypool Hill Drainage Study to determine the cause of persistent flooding at the Richlands Fire Rescue Station 3. The findings from the comprehensive study will help to determine suitable flood mitigation projects with a focus on nature-based solutions that can be designed, permitted, and constructed. This study is needed to help protect the critical facility and ensure the health and safety of all residents.

**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 1010

**Is Project Located in an NFIP Participating Community?\*** Yes

**Is Project Located in a Special Flood Hazard Area?\*** No

**Flood Zone(s) (if applicable):**

**Flood Insurance Rate Map Number(s) (if applicable):** 51185C0309D

## Eligibility - Round 4

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### ***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

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### ***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.pdf

**Comments:**

### ***Budget Narrative***

**Budget Narrative Attachment\*:** CID510160\_Tazewell County\_CFPF-5\_BudgetN.pdf

**Comments:**

## Scoring Criteria for Studies - Round 4

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### ***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

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### *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 directly addresses the need for effective flood prevention and protection strategies in an area that has experienced recurring flood events.

The findings can help guide the local government in making informed decisions on mitigation solutions with an emphasis on nature-based solutions.

Tazewell County is considered a low-income geographic area and this study prioritizes the safety and well-being of all community members. It

recognizes the need for inclusive engagement and participation of stakeholders and community members.

**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.

**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 flooding hotspot in the Tazewell County Flood Resilience Plan. The study

and project team is a continuation of the plan and data and insight obtained will help to guide decision-making and ensure that solutions are

tailored to the specific needs of the area. The outcomes of the study 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. A successful

study and implementation can serve as a blueprint for similar initiatives in other communities. The study's focus on nature-based solutions can

promote a more 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 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\*:**

There are 7 structures in the flood zone in this area. The area around the fire station is developed and includes several businesses, parking areas, a church, and a cemetery. Nearby businesses of particular concern include multiple autobody shops, light industry facilities, and a shopping mall.

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

**Critical Facilities/Infrastructure\*:**

There is one critical facility/infrastructure in the study area - The Richlands Fire Rescue Station #3.

## Budget

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### ***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)\*:** \$214,607.00  
\*\*This amount should equal the sum of your request and match figures

**REQUIRED Match Percentage Amount:** \$21,460.70

## 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:** \$193,146.00

**Total Match Amount:** \$21,461.00

**TOTAL:** \$214,607.00

### ***Personnel***



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

***Fringe Benefits***

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

***Travel***

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

***Equipment***

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

***Supplies***

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

***Construction***

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

***Contracts***

Description	Requested Fund Amount	Match Amount	Match Source
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Consulting Procurement	\$193,146.00	\$21,461.00	Tazewell County
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<b>\$193,146.00</b>	<b>\$21,461.00</b>
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***Pre-Award and Startup Costs***

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

***Other Direct Costs***

Description	Requested Fund Amount	Match Amount	Match Source
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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)	Attached are the detailed maps of the study area.	CID510160_Tazewell County_CFPF-5_Maps.pdf	pdf	25 MB	12/16/2024 10:18 AM
FIRMette of the project area(s) (Projects/Studies)	Attached is the FEMA FIRMette of the study area.	CID510160_Tazewell County_CFPF-5_FIRMette.pdf	pdf	713 KB	12/16/2024 10:19 AM
Historic flood damage data and/or images (Projects/Studies)	Attached is the historic flooding data.	CID510160_Tazewell County_CFPF-5_Flooding.pdf	pdf	1 MB	12/16/2024 11:14 AM
A link to or a copy of the current floodplain ordinance	Attached is the Tazewell County Floodplain Ordinance.	CID510160_Tazewell County_CFPF-5_Ordinance.pdf	pdf	225 KB	12/16/2024 11:15 AM
Maintenance and management plan for project					
A link to or a copy of the current hazard mitigation plan	Attached is the current Hazard Mitigation Plan.	CID510160_Tazewell County_CFPF-5_HMP.pdf	pdf	13 MB	12/16/2024 11:22 AM
A link to or a copy of the current comprehensive plan	Attached is the current Comprehensive Plan.	CID510160_Tazewell County_CFPF-5_CompPlan.pdf	pdf	2 MB	12/16/2024 11:36 AM
Social vulnerability index score(s) for the project area	Attached is the AdaptVA SVII score map for the study area.	CID510160_Tazewell County_CFPF-5_SVI.pdf	pdf	1 MB	12/16/2024 11:37 AM
Authorization to request funding from the Fund from governing body or chief executive of the local government	Attached is the authorization to request funding.	CID510160_Tazewell County_CFPF-5_AuthPledge.pdf	pdf	133 KB	12/16/2024 11:38 AM
Signed pledge agreement from each contributing organization	Tazewell County pledges the match requirement.	CID510160_Tazewell County_CFPF-5_AuthPledge.pdf	pdf	133 KB	12/16/2024 11:39 AM

### Maintenance Plan

*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.*

### Benefit Cost Analysis

Named Attachment	Required Description	File Name	Upload		
			Type	Size	Date
Other Relevant Attachments	Attached is the	CID510160_Tazewell	pdf	4	12/16/2024
	Tazewell County Flood Resilience Plan.	County_CFPF- 5_ResiliencePlan.pdf		MB	11:40 AM

### ***Letters of Support***

Description	File Name	Type	Size	Upload Date
Attached are the letters of support for the proposed study.	CID510160_Tazewell County_CFPF- 5_Support.pdf	pdf	63 KB	12/16/2024 11:42 AM