

3789 - Buena Vista Study: Culvert Replacement at 6th St and Woodland Ave

Application Details

Funding Opportunity:

3294-Virginia Community Flood Preparedness Fund - Study Grants - CY25 Round 6

Funding Opportunity Due Date: Dec 1, 2025 11:59 PM

Program Area: Virginia Community Flood Preparedness Fund

Status: Under Review

Stage: Final Application

Initial Submit Date: Nov 25, 2025 3:08 PM

Initially Submitted By: Thomas Roberts

Last Submit Date:

Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes

Type: External User

Name*: Mr. Thomas F Roberts
Salutation First Name Middle Name Last Name

Title: Director of Community Development

Email*: troberts@bvcity.org

Address*: 2039 Sycamore Ave

Buena Vista Virginia 24416
City State/Province Postal Code/Zip

Phone*: 540-261-8607 Ext.

Phone
###-###-####

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

Comments:

Organization Information

Status*: Approved
Name*: City of Buena Vista
Organization Type*: City Government
Tax ID*: 546001179
Unique Entity Identifier (UEI)*: XKYYRMN2LJE8
Organization Website: HTTP://WWW.BUENAVISTAVA.ORG/
Address*: 2039 Sycamore Ave

Buena Vista Virginia 24416-
City State/Province Postal Code/Zip
Phone*: 540-261-8607 Ext.
###-###-####
Fax: ###-###-####

Benefactor:

Vendor ID:

Comments:

VCFPF Applicant Information

Project Description

Name of Local Government*: City of Buena Vista

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

NFIP/DCR Community Identification Number (CID)*: 510027

If a state or federally recognized Indian tribe,

Name of Tribe:

Authorized Individual*: Thomas Roberts
First Name Last Name

Mailing Address*: 2039 Sycamore Ave
Address Line 1
Address Line 2

Buena Vista Virginia 24416
City State Zip Code

Telephone Number*: 540-261-8607

Cell Phone Number*: 540-319-8004

Email*: troberts@bvcity.org

Is the contact person different than the authorized individual?

Contact Person*: No

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

Project Description*:

To conduct hydraulic analysis of Pedlar Gap Run in the project vicinity and design an appropriate replacement to the existing corrugated metal culvert which can carry Woodland Avenue over the stream and allow for storm event flows without causing flooding.

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*: 930601

Is Project Located in an NFIP Participating Community?* Yes

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

Flood Zone(s) (if applicable): 51163C0385C, 51163C0290C, 51163C0401C, 51163C0405C

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

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*: N/A
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*: CID510027_CityofBuenaVista_CFPF.pdf

Comments:

This document includes the entire application package

Budget Narrative

Budget Narrative Attachment*: CID510027_CityofBuenaVista_CFPF_budget.pdf

Comments:

This document is just the budget page of the application package

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

Funding of studies of statewide and regional significance and proposals will be considered for the studies listed below - Up to 45 points

Studies and Data Collection of Statewide and Regional Significance Scoring:

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. (45)

Regional relative sea level rise projections for use in determining future impacts. (45)

Vulnerability analysis either statewide or regionally to state transportation, water supply, water treatment, impounding structures, or other significant and vital infrastructure from flooding. (45)

Flash flood studies and modeling in riverine regions of the state. (45)

Statewide or regional stream gauge monitoring to include expansion of existing gauge networks. (45)

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. (45)

Regional flood studies in riverine communities that may include watershed scale evaluation, updated estimates of rainfall intensity, or other information. (45)

Regional hydrologic and hydraulic studies of floodplains. (45)

Studies of potential land use strategies that could be implemented by a local government to reduce or mitigate damage from coastal or riverine flooding. (40)

Other proposals that will significantly improve protection from flooding on a statewide or regional basis (35)

**Studies and Data Collection of
Statewide and Regional
Significance*:**

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

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*: High Social Vulnerability

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*:

This study is essential for determining the best replacement for this aging and undersized culvert to ensure it does not contribute to localized flooding in the future. The urgent need is for a new structure at this location for safety of the roadway. The long-term need is for improvements to the ability of Pedlar Gap Run to withstand storm event flows without flooding that would damage nearby homes or infrastructure.

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*:

The engineer for this study has not been selected yet. Staff will procure an engineer experienced in hydraulic analysis and bridge design.

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*:

This study is included in the City's draft flood hazard resilience plan as a recommendation. The study will be used to apply for CFPF project construction funds in a subsequent grant round, or another funding source.

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*:

N/A

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 Repetitive Loss Properties*: BV repetitive loss 6th and woodland.xlsx

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*:

Approximately 21 residential structures and 2 commercial structures are near the project site and might see flood damage if this culvert were overtopped.

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

Critical Facilities/Infrastructure*:

Woodland Avenue is an important street corridor because it is one of only three streets connecting the north and south parts of the City. The other two are Hazel Avenue, another residential street, and Magnolia Avenue/Rt 501. Because Hazel Avenue is close in elevation to Woodland Avenue, in a flood event Hazel may be compromised as

well, leaving only one north-south route in the City. Magnolia Avenue/Rt 501 is also a critical north-south route in Rockbridge County, connecting Glasgow and Natural Bridge with Interstate 81.

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)*: \$130,000.00
 **This amount should equal the sum of your request and match figures

REQUIRED Match Percentage Amount: \$13,000.00

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: \$117,000.00

Total Match Amount: \$13,000.00

TOTAL: \$130,000.00

Personnel

| Description | Requested Fund Amount | Match Amount | Match Source |
|------------------------------|-----------------------|-------------------|-------------------|
| Existing staff in-kind hours | \$0.00 | \$1,200.00 | City general fund |
| | \$0.00 | \$1,200.00 | |

Fringe Benefits

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

Travel

| Description | Requested Fund Amount | Match Amount | Match Source |
|-------------|-----------------------|--------------|--------------|
|-------------|-----------------------|--------------|--------------|

| 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 |
|-----------------------------|-----------------------|-------------------------------|
| Consultant to conduct study | \$117,000.00 | \$11,800.00 City general fund |
| | \$117,000.00 | \$11,800.00 |

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) | Project site | CFFP 6th and Woodland map 20251125.pdf | pdf | 865 KB | 11/25/2025 03:01 PM |

| Named Attachment | Required Description | File Name | Upload | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------|--------|--------|---------------------|
| | | | Type | Size | Date |
| FIRMette of the project area(s) (Projects/Studies) | Firmette | CFPF 6th and Woodland firmette.pdf | pdf | 589 KB | 11/25/2025 03:02 PM |
| Historic flood damage data and/or images (Projects/Studies) | | | | | |
| A link to or a copy of the current floodplain ordinance | | | | | |
| Maintenance and management plan for project | | | | | |
| A link to or a copy of the current hazard mitigation plan | | | | | |
| A link to or a copy of the current comprehensive plan | | | | | |
| Social vulnerability index score(s) for the project area | | | | | |
| Authorization to request funding from the Fund from governing body or chief executive of the local government | Resolution approving application | CFPF 6th and Woodland app resolution 20251125.pdf | pdf | 48 KB | 11/25/2025 03:07 PM |
| Signed pledge agreement from each contributing organization | | | | | |
| 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 | Full application package | CID510027_CityofBuenaVista_CFPF.pdf | pdf | 3 MB | 11/25/2025 03:07 PM |

Letters of Support

| Description | File Name | Type | Size | Upload Date |
|-------------|-----------|------|------|-------------|
|-------------|-----------|------|------|-------------|

Description

File Name

Type

Size

Upload Date

No files attached.