

# 2677 - Citywide Drainage Study - PH2A: Preliminary Engineering Reports for Priority Neighborhoods

## Application Details

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**Funding Opportunity:**  
2335-Virginia Community Flood Preparedness Fund - Capacity Building/Planning Grants - CY24 Round 5

**Funding Opportunity Due Date:** Mar 28, 2025 11:59 PM

**Program Area:** Virginia Community Flood Preparedness Fund

**Status:** Under Review

**Stage:** Final Application

  

**Initial Submit Date:** Jan 24, 2025 2:13 PM

**Initially Submitted By:** Darryl Walker

**Last Submit Date:**

**Last Submitted By:**

## Contact Information

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### Primary Contact Information

**Active User\*:** Yes

**Type:** External User

**Name\*:** Mr. Darryl Walker  
Salutation First Name Middle Name Last Name

**Title:**

**Email\*:** dwalker@petersburg-va.org

**Address\*:** 1340 E. Washington Street

  

Petersburg Virginia 23803  
City State/Province Postal Code/Zip

**Phone\*:** (804) 733-2357 Ext.   
Phone  
###-###-####

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

**Comments:**

## Organization Information

**Status\*:** Approved

**Name\*:** PETERSBURG CITY

**Organization Type\*:** Local Government

**Tax ID\*:**

**Unique Entity Identifier (UEI)\*:**

**Organization Website:** sturille@petersburg-va.org

**Address\*:** City of Petersburg  
135 N. Union Street  
  
Petersburg Virginia 23803  
City State/Province Postal Code/Zip

**Phone\*:** (804) 733-2300 Ext.  
###-###-####

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

**Benefactor:**

**Vendor ID:**

**Comments:**

## VCFPF Applicant Information

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### *Project Description*

**Name of Local Government\*:** Petersburg City

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

**NFIP/DCR Community Identification Number (CID)\*:** 510112

If a state or federally recognized Indian tribe,

**Name of Tribe:**

**Authorized Individual\*:** March Altman  
First Name Last Name

**Mailing Address\*:** 135 N. Union Street  
Address Line 1  
Address Line 2  
  
Petersburg Virginia Petersburg  
City State Zip Code

**Telephone Number\*:** 804-733-2300

**Cell Phone Number\*:** 804-733-2301

**Email\*:** maltman@petersburg-va.org

Is the contact person different than the authorized individual?

**Contact Person\*:** Yes

**Contact:** Darryl Walker  
First Name Last Name  
135 N. Union Street  
Address Line 1  
Address Line 2  
Petersburg Virginia Petersburg  
City State Zip Code

**Telephone Number:** 804-733-2357

**Cell Phone Number:** 804-733-2357

**Email Address:** dwalker@petersburg-va.org

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

**Project Description\*:**

The City of Petersburg requests CFPF assistance to complete capacity building and planning in order to build on the initial Citywide Drainage Study efforts by completing structure recovery for prioritized assets, updating the stormwater inventory GIS database for recovered assets, updating the existing conditions neighborhood model, performing alternatives analyses to identify flooding improvement strategies, develop a prioritized list of projects, and develop Preliminary Engineering Reports.

**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\*:** Census Tracts 8101, 8103, 8104, 8105, 8106, 8107, 8109, 8110, 8112, 8113

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

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

**Flood Zone(s) (if applicable):** X, A, AE

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

510112-0002D, 0004D, 0006D, 0007D, 0008D, 0009D, 0020D, 0026D, 0028D, 00029D, 0036D, 00037D

## 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\*:** 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

## Scoring Criteria for Capacity Building & Planning - Round 4

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### ***Scoring***

**Eligible Capacity Building and Planning Activities (Select all that apply) – Maximum 100 points. To make multiple selections, Hold CTRL and click the desired items.**

#### **Capacity Building and Planning\*:**

Other Capacity Building and Planning Activities, Resource assessments, planning, strategies, and development - Policy management and/or development

**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\*:** Very High Social Vulnerability (More than 1.5)

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

**NFIP\*:** Yes

**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

**Does this project provide "community scale" benefits?**

**Community Scale Benefits\*:** More than one census block

**Comments:**

## Scope of Work and Budget Narrative - Capacity Building and Planning - Round 4

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### ***Scope of Work - General Information***

**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 Attachment\*:** Scope of Work Narrative.pdf

**Comments:**

### ***Budget Narrative***

**Budget Narrative Attachment\*:** Budget Narrative.pdf

**Comments:**

## Scope of Work Supporting Information - Capacity Building and Planning

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### ***Scope of Work Supporting Information***

**Describe identified resource needs including financial, human, technical assistance, and training needs**

**Resource need identification\*:**

Currently, the 1st pass mapping of stormwater assets is completed and existing conditions modeling of 18 priority neighborhoods is underway. The scope of completed work to date for the Citywide Drainage Study has given the City several immediate next steps which require capacity building and planning to put the developed information to best use. The stormwater inventory efforts identified a significant number of stormwater assets for revisit due to unfavorable encountered conditions. The existing conditions modeling to-date of priority neighborhoods relies on engineering assumptions. The City is motivated to begin project identification to improve flooding conditions. Therefore, the City is requesting funding to build capacity to support structure recovery efforts in priority neighborhoods. The structure recovery efforts will allow more accurate modeling to identify flood improvement projects.

Contractual - The City will rely on contractors to perform both structure recovery tasks and related engineering and planning analyses required for this study. Structure recovery efforts require specialized equipment and staff resources that the City does not have available. The City will also rely on engineering contractors to perform the necessary planning and engineering-related analyses to develop project-based PERs.

Technical Assistance - It is the City's long-term goal to leverage the Citywide Drainage Study to create a plan and framework for implementing flood improvement projects. The City has identified a need to develop preliminary engineering reports (PERs) for priority neighborhoods for which completed existing conditions modeling of stormwater assets is available. The PERs will identify specific project-based drainage improvement projects to most efficiently and effectively address flooding issues. The City lacks staff capacity and equipment to perform the SWMM modeling and lacks the staff capacity and technical expertise to develop of the PERs.

Financial - The City of Petersburg is requesting funds to supplement their staff with hired consultant/contractors to provide the necessary equipment, staff capacity and expertise to complete this project.

**Describe the plan for developing, increasing, or strengthening knowledge, skills and abilities of existing or new staff.**

**This may include training of existing staff, hiring personnel, contracting consultants or advisors**

#### **Development of Existing or New**

##### **Staff\*:**

With funding, the City of Petersburg will retain appropriate contractors to complete structure recovery of prioritized stormwater assets. Tasks required to recover structures include traffic maintenance, removal of debris/trash/sediment, raising of manhole lids, CCTV to identify and map structure connectivity, and other tasks related to safely accessing stormwater assets. Stormwater inventory mapping will be updated to reflect the recovered stormwater asset connectivity.

The City will also contract with a qualified engineering Consultant with certified CFM(s) on staff to complete the PER planning efforts. The engineering consultant will provide GIS related tasks, engineering analysis to identify prioritized flood improvement projects, and planning to develop PERs for the selected priority neighborhoods. It is anticipated that qualified staff includes but is not limited to certified floodplain managers (CFM); professional engineers (PE); geospatial information technology technicians; and hydrology professionals; or equivalent.

**Where capacity is limited by funding, what strategies will be developed to increase resources in the local government? (This may include work with non-governmental organization, or applying for grants, loans, or other funding sources)**

#### **Resource Development**

##### **Strategies\*:**

The City has an established track record of utilizing grant funds to assist with resource development and plans to continue to utilize established partnerships and public funding to enhance capacity while it builds internal resources over the next three years.

**Describe policy management and/or development plans**

##### **Policy management and/or development\*:**

This work will inform changes to regular structure maintenance schedules that are currently in place to ensure that all structures are being maintained appropriately. The PERs will be critical to assisting the City in making long-term project implementation plans to allocate funding for storm sewer improvement projects.

**Describe plans for stakeholder identification, outreach, and education strategies**

##### **Stakeholder identification, outreach, and education strategies\*:**

A steering committee comprised of appropriate members from City of Petersburg staff, engineering consultants and public outreach coordinators has been developed as part of the Citywide Drainage Study Phase 1 efforts. The steering committee actively participates in regular meeting to discuss progress and to engage in public outreach events, such as ward meetings, etc. These efforts will be continued as part of this project to actively seek citizen and business owner input during the study.

## **Budget**

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## ***Budget Summary***

### **Grant Matching Requirement\*:**

LOW INCOME - Planning and Capacity Building - Fund 90%/Match 10%

\*Match requirements for Planning and Capacity Building in low-income geographic areas will not require match for applications requesting less than \$3,000.

Is a match waiver being requested?

**Match Waiver Request** Yes

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)\*:** \$650,000.00  
\*\*This amount should equal the sum of your request and match figures

**REQUIRED Match Percentage Amount:** \$65,000.00

## **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:** \$585,000.00

**Total Match Amount:** \$65,000.00

**TOTAL:** \$650,000.00

### ***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
Capacity Building Contract	\$585,000.00	\$65,000.00	
	<b>\$585,000.00</b>	<b>\$65,000.00</b>	

### ***Pre-Award and Startup Costs***

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

### ***Other Direct Costs***

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

## Supporting Documentation - General

### ***Supporting Documentation***

Named Attachment	Required Description	File Name	Type	Size	Upload Date
Detailed map of the project area(s) (Projects/Studies)	1-Stormwater Asset condition in Priority Neighborhoods, 2-Priority Neighborhoods Identified for Detailed Ex. Conditions Modeling, Phase 1a of the Citywide Drainage Study.	1 - PH2 Map.pdf	pdf	80 MB	01/23/2025 05:17 PM
FIRMette of the project area(s) (Projects/Studies)	FIRMettes of City of Petersburg	2 - City FIRMettes.pdf	pdf	50 MB	01/05/2025 03:01 PM



Named Attachment	Required Description	File Name	Type	Size	Upload
					Date
Historic flood damage data and/or images (Projects/Studies)	Historic Flooding Data	3 - Historic Flooding Data.pdf	pdf	7 MB	01/23/2025 03:07 PM
A link to or a copy of the current floodplain ordinance	Petersburg Floodplain Ordinance	4 - Petersburg Floodplain Ordinance.pdf	pdf	311 KB	01/05/2025 03:16 PM
Maintenance and management plan for project	Maintenance and Management Plan	5 - Maintenance and Management Plan.pdf	pdf	34 KB	01/22/2025 03:05 PM
A link to or a copy of the current hazard mitigation plan	Petersburg Hazard Mitigation Plan	6 - Combined Hazard Mitigation Plan.pdf	pdf	25 MB	01/05/2025 03:23 PM
A link to or a copy of the current comprehensive plan	Petersburg Comprehensive Plan	7 - Comprehensive Plan 2024-05-21.pdf	pdf	47 MB	01/05/2025 03:27 PM
Social vulnerability index score(s) for the project area	Petersburg Social Vulnerability Index	8 - Petersburg SVI 2024.pdf	pdf	1 MB	01/05/2025 03:28 PM
Authorization to request funding from the Fund from governing body or chief executive of the local government	Authorization Letter from City Manager	9 - Authorization Letter.pdf	pdf	474 KB	01/21/2025 12:44 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	Petersburg Opportunity Zone Mapping	10 - OZ Map 2024.pdf	pdf	990 KB	01/22/2025 03:06 PM

### Letters of Support

Description	File Name	Type	Size	Upload Date
No files attached.				