

3771 - Loudoun County Stormwater Infrastructure - Map Modernization Work Plan

Application Details

Funding Opportunity:	
3292-Virginia Community Flood Preparedness Fund - Capacity Building/Planning 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:	Dec 1, 2025 4:25 PM
Initially Submitted By:	Dominick Kohnke
Last Submit Date:	
Last Submitted By:	

Contact Information

Primary Contact Information

Active User*:	Yes		
Type:	External User		
Name*:	Mr.	Dominick	Middle Name Kohnke
	Salutation	First Name	Last Name
Title:	Water Resources Engineer		
Email*:	Dominick.Kohnke@aecom.com		
Address*:	13873 Park Center Road, Suite 390		
	Herndon	Virginia	20171
	City	State/Province	Postal Code/Zip
Phone*:	703-682-4900 Ext.		
	Phone		
	###-###-####		
Fax:	###-###-####		
Comments:			

Organization Information

Status*: Approved
Name*: AECOM
Organization Type*:
Tax ID*: 952661922
Unique Entity Identifier (UEI)*: EPUXNLX5EYC4
Organization Website:
Address*: 3101 Wilson Blvd

Phone*: Arlington Virginia 22201-4443
City State/Province Postal Code/Zip
703-307-8236 Ext.
###-###-####
Fax: ###-###-####

Benefactor:

Vendor ID:

Comments:

VCFPF Applicant Information

Project Description

Name of Local Government*: Loudoun County

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

NFIP/DCR Community 510090

Identification Number (CID)*:

If a state or federally recognized Indian tribe,

Name of Tribe:

Authorized Individual*: Chris Stone
First Name Last Name

Mailing Address*: 801 Sycolin Road, S.E. Suite 300
Address Line 1
Address Line 2

Leesburg Virginia 20175
City State Zip Code

Telephone Number*: 571-233-6559

Cell Phone Number*: 571-233-6559

Email*: Chris.Stone@Loudoun.gov

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*:

Implementation of a major GIS-based database update for Loudoun's stormwater infrastructure asset inventory, including comprehensive field surveying and data integration.

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*: No

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

Census Block(s) Where Project will Occur*: VARIOUS: 1 thorough 48

Is Project Located in an NFIP Participating Community?* Yes

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

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

Flood Insurance Rate Map Number(s) (if applicable): VARIOUS: 510090 0210 D through 510090 0295 D

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

Scoring Criteria for Capacity Building & Planning - Round 4

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*:

Goal planning, implementation, and evaluation, Long-term maintenance strategy, Other proposals that will significantly improve protection from flooding on a statewide or regional basis, Resource assessments, planning, strategies, and 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*: Low 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*: No

Does this project provide "community scale" benefits?

Community Scale Benefits*: More than one census block

Comments:

This effort will affect the entirety of Loudoun County's jurisdiction.

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

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*: 2025-12-01_CFPF Grant Application_FINAL.zip

Comments:

Please see Appendix B of the '2025-12-01_CFPF Grant Application_FINAL' document for a complete Scope of Work documentation.

Budget Narrative

Budget Narrative Attachment*: 2025-12-01_CFPF Grant Application_FINAL.zip

Comments:

Please see Appendix C of the '2025-12-01_CFPF Grant Application_FINAL' document for a complete Scope of Work documentation.

Scope of Work Supporting Information - Capacity Building and Planning

Scope of Work Supporting Information

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

Resource need identification*:

Financial, surveying firms, engineering, contractors, GPS-compatible handheld tablets, ordinary survey tools to access and measure stormwater infrastructure assets.

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*:**

County plans on hiring contractors and leverage the County's in-house GIS and management staff resources (see Figure B1 of the '2025-12-01_CFPF Grant Application_FINAL') to manage the progress of this effort.

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*:**

This effort is not limited by funding.

Describe policy management and/or development plans

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

Stormwater Infrastructure - Map Modernization (SIMM) Work Plan outlines the policies and procedures for this effort. See supporting documentation.

Describe plans for stakeholder identification, outreach, and education strategies

Stakeholder identification, outreach, and education strategies*:

Asset ownership belongs to County and state stakeholders (VDOT). Loudoun County will engage VDOT on a regular basis to verify jurisdictional compliance.

No additional stakeholder engagement is anticipated as needed for this project.

Budget

Budget Summary

Grant Matching Requirement*:

Planning and Capacity Building (non staffing) - Fund 75%/Match 25%

*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 No

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

*:

Total Project Amount (Request + Match)*: \$4,988,848.00
**This amount should equal the sum of your request and match figures

REQUIRED Match Percentage Amount: \$1,247,212.00

BUDGET TOTALS

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

Match Percentage:

25.00%

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

Total Requested Fund Amount: \$3,741,363.00

Total Match Amount: \$1,247,212.00

TOTAL: \$4,988,575.00

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
Contracts	\$3,741,363.00	\$1,247,212.00
	\$3,741,363.00	\$1,247,212.00

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
Detailed map of the project area(s) (Projects/Studies)	
FIRMette of the project area(s) (Projects/Studies)	

Named**Attachment****Required Description**

Historic flood
damage data
and/or images
(Projects/Studies)

A link to or a
copy of the
current floodplain
ordinance

<https://online.encodeplus.com/regs/loudouncounty-va-crosswalk/doc-viewer.aspx?secid=52#s>

Maintenance and
management
plan for project

Implementation of a major GIS-based database update for Loudoun's stormwater infrastruc

A link to or a
copy of the
current hazard
mitigation plan

https://ehq-production-us-california.s3.us-west-1.amazonaws.com/6a38c87d10e5785f91f69973ff52e2333036172f/original/1662735780/9c1f6_Natural_Hazards_Only.pdf?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=ArAmz-Date=20251201T204907Z&X-Amz-Expires=300&X-Amz-SignedHeaders=host&X-Amz-Signature=1f825af8f663a5c8138b957642d4fbf1b4aaecd4c7da3753307705dc0a322a09

A link to or a
copy of the
current
comprehensive
plan

<https://www.loudoun.gov/DocumentCenter/View/216116/Loudoun-County-Local-Resilience-Pl>

Social
vulnerability
index score(s) for
the project area

<https://www.arcgis.com/apps/instant/sidebar/index.html?appid=e829a2bcb6214590bc363017>

Authorization to
request funding
from the Fund
from governing
body or chief
executive of the
local government

Work flow authorization approval from Loudoun County.

Signed pledge
agreement from
each contributing
organization

Letter of authorization.

Maintenance
Plan

Benefit-cost analysis must be submitted with project applications over \$2,000,000. in lieu of using the FEMA benefit-cost analysis, the risk reduction benefits of a flood mitigation project and compares those benefits to its cost-effectiveness.

Benefit Cost
Analysis

Other Relevant
Attachments

Letters of Support

Description	File Name	Type	Size	Upload Date
Cover letter/letter of need	2025-12-01_Loudoun - Cover Letter of Need_SIGNED.pdf	pdf	145 KB	12/01/2025 04:24 PM