

# 3740 - Norfolk Coastal Storm Risk Management (CSRM) Project - Nonstructural Home Raising and Hybrid Flood Protection Features

## Application Details

---

### Funding Opportunity:

3615-Virginia Community Flood Preparedness Fund - Projects Related to Approved USACE CSRM and Flood Risk Management - 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 5:23 PM  
**Initially Submitted By:** Justin Shafer  
**Last Submit Date:**  
**Last Submitted By:**

## Contact Information

---

### Primary Contact Information

**Active User\*:** Yes  
**Type:** External User  
**Name\*:** Mr. Justin Middle Name Shafer  
Salutation First Name Last Name  
**Title:** Coastal Resilience Manager  
**Email\*:** justin.shafer@norfolk.gov  
**Address\*:** 501B Boush Street

Norfolk Virginia 23510  
City State/Province Postal Code/Zip  
**Phone\*:** (757) 282-8383 Ext.  
Phone  
###-###-####

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

**Comments:**

## Organization Information

**Status\*:** Approved  
**Name\*:** NORFOLK, CITY OF  
**Organization Type\*:** Local Government  
**Tax ID\*:** 546001455  
**Unique Entity Identifier (UEI)\*:** RS6DCM873FA3  
**Organization Website:** <https://www.norfolk.gov/>  
**Address\*:** 810 Union Street  
Suite 1101

Norfolk Virginia 23510-  
City State/Province Postal Code/Zip  
**Phone\*:** (757) 282-8383 Ext.  
###-###-####  
**Fax:** ###-###-####

**Benefactor:**

**Vendor ID:**

**Comments:**

## VCFPF Applicant Information

---

### *Project Description*

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

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

**NFIP/DCR Community Identification Number (CID)\*:** 510104

If a state or federally recognized Indian tribe,

**Name of Tribe:**

**Authorized Individual\*:** Patrick Roberts  
First Name Last Name

**Mailing Address\*:** 810 Union Street  
Address Line 1  
Suite 1101  
Address Line 2

Norfolk Virginia 23510  
City State Zip Code

**Telephone Number\*:** 757-664-4242

**Cell Phone Number\*:** 757-664-4242

**Email\*:** citymgr@norfolk.gov

Is the contact person different than the authorized individual?

**Contact Person\*:** Yes

**Contact:** Justin Shafer  
First Name Last Name

501B Boush Street

Address Line 1

Address Line 2

Norfolk Virginia 23510

City State Zip Code

**Telephone Number:** 757-282-8383

**Cell Phone Number:** 757-282-8383

**Email Address:** justin.shafer@norfolk.gov

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

**Project Description\*:**

Norfolk Coastal Storm Risk Management (CSRМ) Project - Nonstructural Home Raising and Hybrid Flood Protection Features project will utilize a combination of structural and nonstructural components designed to reduce the city's risk from coastal flood and damage from nor'easters, hurricanes, and other significant storm events. Features of this portion of the Norfolk CSRМ project will include home raising, floodwalls and gates, levees, living shorelines, pump stations, and access structures.

**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\*:**

The project will provide enhanced resilience in 328 census blocks listed in supplementary documents

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

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

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

## Flood Insurance Rate Map

Number(s)

(if applicable):

5101040056H, 5101040057H, 5155290083D, 5101040059H, 5101040008H, 5101040009H

## Eligibility CFPF - Round 4 - Projects

---

### ***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

Does the local government have an approved resilience plan and has provided a copy or link to the plan with this application?

**Resilience Plan\*:** Yes  
Yes - Eligible for consideration under all categories  
No - Eligible for consideration for studies, capacity building, and planning only

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  
N/A - Not applicable

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 - Projects - 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\*:** CID510104\_CityofNorfolk-3 Norfolk CSRM - Scope of Work Final.pdf

#### **Comments:**

Scope of Work

#### ***Budget Narrative***

**Budget Narrative Attachment\*:**

CID510104\_CityofNorfolk-3 Norfolk CSRM Appendix B Budget Narrative with Receipts Final.pdf

**Comments:**

## Scope of Work Supporting Information - Projects

---

### ***Supporting Information - Projects***

Provide population data for the local government in which the project is taking place

**Population\*:** 247421.00

Provide information on the flood risk of the project area, including whether the project is in a mapped floodplain, what flood zone it is in, and when it was last mapped. If the property or area around it has been flooded before, share information on the dates of past flood events and the amount of damage sustained

**Historic Flooding data and Hydrologic Studies\*:**

CID510104\_CityofNorfolk-3 Norfolk CSRM - Flooding Data and Hydrologic Studies Link Final.docx

Include studies, data, reports that demonstrate the proposed project minimizes flood vulnerabilities and does not create flooding or increased flooding (adverse impact) to other properties

**No Adverse Impact\*:** CID510104\_CityofNorfolk-3 Norfolk CSRM No Adverse Impacts.docx

Include supporting documents demonstrating the local government's ability to provide its share of the project costs. This must include an estimate of the total project cost, a description of the source of the funds being used, evidence of the local government's ability to pay for the project in full or quarterly prior to reimbursement, and a signed pledge agreement from each contributing organization

**Ability to Provide Share of Cost\*:**

CID510104\_NorfolkCity\_CFPF-3\_Document\_Transmittal\_Form\_KS\_Signed.pdf

A benefit-cost analysis must be submitted with the project application

**Benefit-Cost Analysis\*:** CID510104\_CityofNorfolk-3 Norfolk CSRM Benefit Cost Analysis Final.pdf

If applicable, provide the Department with the current floodplain ordinance by link or attachment.

**Local Floodplain Management Regulations\*:** CID510104\_CityofNorfolk-3 Norfolk Floodplain Ordinance Final.docx

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

**Repetitive Loss and/or Severe Repetitive Loss Properties\*:**

CID510104\_CityofNorfolk-3 Norfolk Severe Repetitive Loss Properties Final.docx

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 residential structures and commercial structures in the project area

**Residential and/or Commercial Structures\*:**

In the project area, there are a myriad of residential and commercial structures that will be benefited by this project to include the St. Paul's Area. This Area is home to the region's highest concentration of assisted housing

with 1,674 aging units that do not meet modern building standards in three adjacent family assisted housing communities. This area floods regularly, a problem worsened by increased frequency and duration of significant storm events. The City of Norfolk and Norfolk Redevelopment and Housing Authority are actively working to address these challenges through the St. Paul's Transformation project which is leveraging U.S. Department of Housing and Urban Development Choice Neighborhood Initiative (CNI) Implementation Grant for \$30 million. The program will include a reimagined Newton's Creek that is daylighted to provide enhanced stormwater infiltration and storage as part of Phase 1A's interior drainage needs to support the St. Paul's Blue/Greenway, another highlighted example hybrid project from the Coastal Resilience Master Plan. In the Willoughby Spit area, 62 of the most high-risk residential properties will be elevated. 131 other residential properties are considered to be at high risk and will be evaluated for inclusion in the project if funding allows. Across the entire project areas, thousands of structures will see enhanced resilience as a result of the proposed work and even more once the entire CSRM is complete.

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

**Critical Facilities/Infrastructure\*:**

Critical infrastructure protected by structural elements of Phase 1A and 1B include the Dominion Power Reeves Ave substation, Norfolk City Hall, Norfolk Circuit Court, the Norfolk Central Energy Plant, and several interstate ramps.

**Explain the local government's financial and staff resources. How many relevant staff members does the local government have? To what relevant software does the local government have access? What are the local government's capabilities?**

**Financial and Staff Resources\*:**

The City of Norfolk has numerous professional and operational staff across multiple departments to provide support for project and grant management. In particular, the Office of Resilience and Public Works Design Division have more than 15 engineers, scientists, and inspectors who focus on design, construction, and monitoring of flood reduction, waterfront structures, water quality projects, and green infrastructure projects, as well as contracting of City projects.

Public Works Division of Environmental Storm Water Management has several crews dedicated to maintenance of hard infrastructure, including floodwalls, pipes, outfalls, and valves. Additionally, two crews are dedicated to maintenance of Best Management Practices, including living shorelines. The Department of Public Works has a dedicated Financial Management team who assist with project budget management, including a staff member who focuses on grants. Further high level grant, financial, and internal controls support are provided by dedicated teams in the Departments of Finance and Budget. Additional staff from the Bureau of Environmental Services support project inspection and permit compliance. Staff from the Department of Parks and Recreation support maintenance of open spaces and flood control features such as mowed berms.

The City uses a variety of specialized software to manage all aspects of projects. Overall project management is through the E-Builder web application. Budgets are managed in the AFMS web application and linked to E-Builder. Grants are managed through the Euna web application and other internal software. Contracting is managed through the OpenGov web application. Assets and maintenance work orders are managed in the Lucity application and ArcGIS. Norfolk also regularly develops or partners on tools for internal analysis and resident education of focus areas, such as the TITAN and Waze-integrated Floodmapp tool for real time flood risk awareness.

If the project proposed does not employ a nature-based or hybrid solution and the total project cost is greater than \$2 million, describe at least one alternative that could reasonably address the issue identified. Please also consider the No Action Option as a third alternative as part of the analysis. Explain these alternatives and the reason the proposed project was selected.

**Alternatives:**

CID510104\_CityofNorfolk-3 Norfolk CSRM Project Alternatives Final.pdf

**Identify and describe the goals and objectives of the project. Include a description of the expected results of the completed project and explain the expected benefits of the project. This may include financial benefits, increased awareness, decreased risk, etc.**

**Goals and Objectives\*:**

Goal 1: Elevate high risk structures in the Willoughby Spit area through a voluntary participation program.

Objective 1A: City of Norfolk establishes an enrollment process for the 62 most at-risk structures and enrolled interested participants by December 2026.

Objective 1B: City of Norfolk implements a design-build process and complete elevation of 62 structures by January 2029.

Goal 2: Construct the Harbor Park and Ferry Dock subphases of NCSRM Phase 1A.

Objective 2A: Army Corps will initiate construction by November 2027 and complete it by January 2029, with cost share from City of Norfolk.

Goal 3: Design completion of the subphases east of Newton's Creek in phase 1A.

Objective 3A: City of Norfolk completes design of eastern subphases of Phase 1A by June 2027.

Goal 4: Construct the Clay Avenue Bridge in Phase 1A.

Objective 4A: City of Norfolk initiates construction by February 2028 and it is complete by January 2029.

Goal 5: Complete the design of the Phase 1B.

Objective 5A: Army Corps completes design by January 2029, with cost share from City of Norfolk.

**Outline a plan of action laying out the scope and detail of how the proposed work will be accomplished with a timeline identifying expected completion dates. Determine milestones for the project that will be used to track progress.**

**Explain what deliverables can be expected at each milestone, and what the final project deliverables will be. Identify other project partners**

**Approach, Milestones, and**

**Deliverables\*:**

CID510104\_CityofNorfolk-3 Norfolk CSRM - Approach Milestones and Deliverables Final.docx

**Where applicable, briefly describe the relationship between this project and other past, current, or future resilience projects. If the applicant has received or applied for any other grants or loans, please identify those projects, and, if applicable, describe any problems that arose with meeting the obligations of the grant and how the obligations of this project will be met**

**Relationship to Other Projects\*:**

The Norfolk Coastal Storm Risk Management project (NCSRM) meets goals of Norfolk's Resilience Strategy, Green Infrastructure Plan, Climate Action Plan, Comprehensive Plan, and TMDL Action Plan. As components of the NCRSM, the projects included in this proposal will tie into other subphases currently under construction. Specifically, the Phase 1A East, Clay Ave Bridge, Harbor Park, and Ferry Dock subphases will tie into Phase 1A Water St and Newton Creek subphases supported by a Round 3 CFPF award. Combined, these subphases provide protection to the St Pauls area, where the St Paul's Redevelopment and Blue-Greenway projects are revitalizing a historically disadvantaged and at-risk community, weaving green infrastructures into a resilient mixed income, mixed use community. Phase 1A will tie into Phase 1B East on its eastern side, which will subsequently tie into the successful Ohio Creek Watershed Project, the combination of which will provide added protection to several watersheds that include Norfolk State University and several at risk communities. To the west, Phase 1A will tie into Phase 1B Waterside and Towne Point Park subphases, which end at the historic Downtown Flood Wall (itself to be replaced in future Phase 1D). These combined projects will protect the additional portions of the St Paul's area and the eastern side of downtown, including City Hall and Norfolk Circuit Courts. Other ongoing or planned projects in this area of Norfolk supported and protected by the planned project include expansion and enhancements of the popular Elizabeth River Trail, drainage improvements along the Tidewater Drive corridor east of St Paul's, redevelopment of the Young Terrace and Calvert Square housing communities with expansion of the Blue-Greenway system.

Proposed non-structural home raising elements of the proposal will be located in the Willoughby Spit area, where

the expansion of the Hampton Roads Bridge Tunnel is working to improve traffic flow in the region. To the north of the proposed home raising focus area, the Chesapeake Bay beachfront along Willoughby is part of a major Army Corps of Engineers beach renourishment project, with sand placement expected in coming years. Additional beach projects include restoration of eroding dunes and potential new breakwaters. Lastly, internal drainage of the Willoughby area will continue to be assessed, with pipe upgrades, backflow valves, and possibly small pumps installed to reduce nuisance road flooding.

**For ongoing projects or projects that will require future maintenance, such as infrastructure, flood warning and response systems, signs, websites, or flood risk applications, a maintenance, management, and monitoring plan for the projects must be provided**

**Maintenance Plan\*:** CID510104-3\_CityofNorfolk-3 Maintenance Plan Final.docx

**Describe how the project meets each of the applicable scoring criteria contained in Appendix B. Documentation can be incorporated into the Scope of Work Narrative**

**Criteria\*:**

**Eligible Projects:** The planned project includes hybrid approaches resulting in a nature based solution, as well as, traditional flood barriers and structure elevations.

**Social Vulnerability Index Score:** The immediate project area has an average SVI score of 1.8 (Very High Social Vulnerability) across 8 impacted block groups (utilizing AdaptVA Viewer). The Willoughby Spit area has an average SVI of -.05 (Very Low Social Vulnerability) across 2 impacted block groups and the Phase 1A/1B project area has an average SVI score of 2.48 (Very High Social Vulnerability) across 6 block groups.

**Community Scale of Benefit:** The project provides direct protection to less than 25% of the city, however, indirect benefits such as reduced road flooding of major corridors and business districts will be provided to the entire city and region.

**Expected Lifespan of Project:** The project is being designed with sea level rise in mind and is expected to provide benefits for more than 50 years.

**Remedy for NFIP probation or suspension:** The City is not in probation or suspension status.

**Proposed project part of a low-income geographic area:** Portions of the project are in low-income areas. Additionally, Norfolk as a whole is low-income compared to the state and the project provides significant benefits to the Hampton Roads region.

**Directly protect critical infrastructure:** Critical infrastructure protected by structural elements of Phase 1A and 1B include the Dominion Power Reeves Ave substation, Norfolk City Hall, Norfolk Circuit Court, the Norfolk Central Energy Plant, and several interstate ramps.

**Construction authorization from USACE:** The project has received construction authorization from USACE and preliminary construction funding under the Bipartisan Infrastructure Bill.

## Budget

---

### ***Budget Summary***

**Grant Matching Requirement\*:** USACE Projects - Fund 50%/Match 50%

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)\*:** \$49,973,000.00  
\*\*This amount should equal the sum of your request and match figures

**REQUIRED Match Percentage Amount:** \$24,986,500.00

## BUDGET TOTALS

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

### Match Percentage:

50.00%

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

**Total Requested Fund Amount:** \$24,986,500.00

**Total Match Amount:** \$24,986,500.00

**TOTAL:** \$49,973,000.00

### *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
USACE Phase 1A - Ferry Construction	\$875,000.00	\$875,000.00	Cash
Phase 1A - Harbor Park Reach Construction	\$4,725,000.00	\$4,725,000.00	Cash
Phase 1B USACE Design Management	\$1,711,500.00	\$1,711,500.00	Cash
Clay Avenue Bridge Construction	\$3,000,000.00	\$3,000,000.00	Cash
Nonstructural Program	\$13,075,000.00	\$13,075,000.00	Cash
NRP Phase 1A East Design	\$1,600,000.00	\$1,600,000.00	Cash
	<b>\$24,986,500.00</b>	<b>\$24,986,500.00</b>	

**Maintenance Costs**

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

No Data for Table

**PreAward 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

## Scoring Criteria for Flood Prevention and Protection USACE Projects

---

**Scoring**

**Category Scoring:**

Hold CTRL to select multiple options

**Project Category\*:** All hybrid approaches whose end result is a nature-based solution

**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

**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\*:** Less than 25% of incorporated locality (10)

**Expected Lifespan of Project**

**Expected Lifespan of Project\*:** 50 or more years (10)

**Does this project directly protect critical infrastructure**

**Protect Critical Infrastructure\*:** Yes

**Comments:**

The project includes hybrid flood barriers w/ living shorelines and nonstructural structure raisings. Critical infrastructure protected includes the Dominion Power Reeves Ave substation, City Hall, Norfolk Circuit Court, Norfolk Central Energy Plant.

## Long and Short Term Loan Budget - Projects - VCFPF

---

***Budget Summary***

**Are you applying for a short term, long term, or no loan as part of your application?**

If you are not applying for a loan, select "not applying for loan" and leave all other fields on this screen blank

**Long or Short Term\*:** Not Applying for Loan

**Total Project Amount:** \$0.00

**Total Requested Fund Amount:** \$0.00

**TOTAL:** \$0.00

***Salaries***

Description	Requested Fund Amount
No Data for Table	

***Fringe Benefits***

Description	Requested Fund Amount
No Data for Table	

***Travel***

Description	Requested Fund Amount
No Data for Table	

### ***Equipment***

**Description**

**Requested Fund Amount**

No Data for Table

### ***Supplies***

**Description**

**Requested Fund Amount**

No Data for Table

### ***Construction***

**Description**

**Requested Fund Amount**

No Data for Table

### ***Contracts***

**Description**

**Requested Fund Amount**

No Data for Table

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

**Description**

**Requested Fund Amount**

No Data for Table

## Supporting Documentation

---

### ***Supporting Documentation***

<b>Named Attachment</b>	<b>Required Description</b>	<b>File Name</b>	<b>Type</b>	<b>Size</b>	<b>Upload Date</b>
Detailed map of the project area(s) (Projects/Studies)	Norfolk CSRM Map	CFPF 2025 Round 6 Map.pdf	pdf	2 MB	11/21/2025 07:25 PM
FIRMette of the project area(s) (Projects/Studies)	Norfolk CSRM FIRM Panels	CID510104_CityofNorfolk-3 Norfolk CSRM FIRM Panels Final.pdf	pdf	1 MB	11/21/2025 08:44 PM
Historic flood damage data and/or images (Projects/Studies)	Historic Flood Damage Data	CID510104_CityofNorfolk-3 Norfolk CSRM - Historic Flood Damage Data Final.docx	docx	3 MB	11/21/2025 07:27 PM

<b>Named Attachment</b>	<b>Required Description</b>	<b>File Name</b>	<b>Type</b>	<b>Size</b>	<b>Upload Date</b>
A link to or a copy of the current floodplain ordinance	Norfolk Floodplain Ordinance	CID510104_CityofNorfolk-3 Norfolk Floodplain Ordinance Final.docx	docx	21 KB	11/21/2025 03:21 PM
Maintenance and management plan for project	Norfolk Maintenance Plan	CID510104-3_CityofNorfolk-3 Maintenance Plan Final.docx	docx	26 KB	12/01/2025 04:49 PM
A link to or a copy of the current hazard mitigation plan	Norfolk CSRM Hazard Mitigation Plan	CID510104_CityofNorfolk-3 Norfolk CSRM Hazard Mitigation Plan.docx	docx	22 KB	11/21/2025 08:07 PM
A link to or a copy of the current comprehensive plan	Norfolk CSRM Comprehensive Plan	CID510104_CityofNorfolk-3 Norfolk CSRM Comprehensive Plan Final.docx	docx	21 KB	11/21/2025 08:09 PM
Social vulnerability index score(s) for the project area	Norfolk SVI and Project Maps	CID510104_CityofNorfolk-3 City of Norfolk SVI Maps Final.pdf	pdf	7 MB	12/01/2025 04:22 PM
Authorization to request funding from the Fund from governing body or chief executive of the local government	A transmittal form outlining the grant, proposed project, costs, and match, with approval signatures from the City Manager, is attached.	CID510104_NorfolkCity_CFPF-3_Document_Transmittal_Form_KS_Signed.pdf	pdf	1 MB	12/01/2025 04:43 PM
Signed pledge agreement from each contributing organization	A transmittal form outlining the grant, proposed project, costs, and match, with approval signatures from the City Manager, is attached.	CID510104_NorfolkCity_CFPF-3_Document_Transmittal_Form_KS_Signed.pdf	pdf	1 MB	12/01/2025 04:43 PM
Maintenance Plan	Norfolk Maintenance Plan	CID510104-3_CityofNorfolk-3 Maintenance Plan Final.docx	docx	26 KB	12/01/2025 04:51 PM

Named Attachment	Required Description	File Name	Type	Size	Upload Date
<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	Norfolk CSRM Benefit Cost Analysis	CID510104_CityofNorfolk-3 Norfolk CSRM Benefit Cost Analysis Final.pdf	pdf	211 KB	11/21/2025 03:21 PM
Other Relevant Attachments	Norfolk Supplemental Documents - Design exhibits - Supported block groups - Norfolk SOP's	CID510104_CityofNorfolk-3 City of Norfolk Supplemental Documents Final.pdf	pdf	21 MB	12/01/2025 05:22 PM

### Letters of Support

Description	File Name	Type	Size	Upload Date
No files attached.				

## Resilience Plan

---

### Resilience Plan

Description	File Name	Type	Size	Upload Date
Approved Resilience Plan	CID510104_CityofNorfolk-3 Resilience Planning Overview for the City of Norfolk - DCR Approved Aug 2021_Updated 2025.pdf	pdf	323 KB	11/21/2025 09:12 PM