

# 1952 - BATTLEFIELD BOULEVARD ROAD ELEVATION PROJECT

## Review Details

<b>Funding Opportunity:</b>	1447-Virginia Community Flood Preparedness Fund - Project Grants - CY23 Round 4
<b>Program Area:</b>	Virginia Community Flood Preparedness Fund
<b>Application Status:</b>	Under Review
<b>Stage:</b>	
<b>Organization:</b>	CHESAPEAKE, CITY OF
<b>Applicant:</b>	Crystal Bloom
<b>Internal Status:</b>	
<b>Round:</b>	1
<b>Reviewer:</b>	Sidney Huffman
<b>Type:</b>	Internal
<b>Role:</b>	Primary
<b>Review Status:</b>	Submitted
<b>Submitted Date:</b>	Dec 4, 2023 4:35 PM
<b>Score:</b>	<b>70.00</b>

## Projects Scoring - Round 4

### Eligibility and Scoring

#### 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)?

Yes = Eligible for consideration

No = Not eligible for consideration

**Local Government\*:** Yes

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

Yes = Eligible for consideration under all categories

No = Eligible for consideration for studies, capacity building, and planning only

**Resilience Plan\*:** Yes

If the applicant is not a town, city, or county, are letters of support from all affected local governments included in this application?

Yes = Eligible for consideration

No = Not eligible for consideration

**Letters of Support\*:** N/A

Has this or any portion of this project been included in any application or program previously funded by the Department?

Yes = Not eligible for consideration

No = Eligible for consideration

**Previously Funded\*:** No

Has the applicant provided evidence of an ability to provide the required matching funds?

Yes = Eligible for consideration

No = Not eligible for consideration

N/A = Match not required

**Required Matching Funds\*:** Yes

Is the project eligible for consideration?

Yes = Not eligible for consideration

No = Eligible for consideration

**Project Eligible for Consideration\*:**

Yes

**Eligibility Comments:**

Eligibility: No additional comments.

Additional comments on application:

1. Application is complete, with all required elements.

2. BCA meets FEMA requirements if 3% discount rate is used; see Supporting Information, "BCA e\_BCAnarrative.pdf". Current FEMA BRIC guidance for 2023 allows this discount rate (see FEMA Fact Sheet, Notice of Funding Opportunity for Fiscal Year 2023 Building Resilient Infrastructure and Communities Program, [https://www.fema.gov/sites/default/files/documents/fema\\_hma\\_bric-nofo-fact-sheet\\_102023.pdf](https://www.fema.gov/sites/default/files/documents/fema_hma_bric-nofo-fact-sheet_102023.pdf))

3. Applicant is submitting for Low Income Geographic Area Match/All other Projects, which is 85% Fund/15% Match. Applicant is requesting approximately 70% Fund/30% Match.

## Scoring - Eligible Projects

**Applicants may select multiple categories. Total score cannot exceed 100**

The category chosen must be the primary project in the application.

**Category Scoring:**

Acquisition of developed property consistent with an overall comprehensive local or regional plan for purposes of allowing inundation, retreat, or acquisition of structures and where the flood mitigation benefits will be achieved as a part of the same project as the property acquisition - 30 points

Wetland restoration - 25 points

Floodplain restoration - 25 points

Construction of swales and settling ponds - 25 points

Living shorelines and vegetated buffers - 25 points

Permanent conservation of undeveloped lands identified as having flood resilience value by ConserveVirginia Floodplain and Flooding Resilience layer or a similar data driven analytic tool - 25 points

Dam removal - 25 points

Stream bank restoration or stabilization - 25 points

Restoration of floodplains to natural and beneficial function - 25 points

Any other nature-based approach - 20 points

All hybrid approaches whose end result is a nature-based solution - 15 points

All other projects - 10 points

**Please Note:**

Permanent conservation of undeveloped lands is identified as having flood resilience value by ConserveVirginia Floodplain and Flooding Resilience layer or a similar data driven analytic tool

Developing flood warning and response systems, may include gauge installation, to notify residents of potential emergency flooding events

**Project Category\*:** 10

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) - 10 Points

High Social Vulnerability (1.0 to 1.5) - 8 Points

Moderate Social Vulnerability (0.0 to 1.0) - 5 Points

Low Social Vulnerability (-1.0 to 0.0) - 0 Points

Very Low Social Vulnerability (Less than -1.0) - 0 Points

**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?

(If Yes - 5 Points | If No - 0 Points)

**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.

(If Yes - 10 Points | If No - 0 Points)

**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?

(If Yes - 5 Points | If No - 0 Points)

**Reduction of Nutrient and Sediment Pollution\*:** Yes

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

More than one census block - 30 points

50-100% of census block - 25 points

25-49% of census block - 20 points

Less than 25% of census block - 0 points

**Community Scale Benefits\*:** 30

**Expected Lifespan of Project**

**Lifespan Scoring:**

10 -14 Years - 3 Point

15 - 20 Years - 5 Points

Over 20 Years - 10 Points

**Expected Lifespan of Project\*:** Over 20 Years

**Scoring Comments:**

1. SVI average for City of Chesapeake per AdaptVA is 0.05, Moderate Social Vulnerability. Block Group 1 of Tract 209.07 has a social vulnerability index score of 0.85 (VFRIS); moderate SVI.

2. Low income status: Locality income is above the Virginia mean income, however, Applicant uses data for Census tract 209.07 (project location), median household income of \$62,105, which is approximately 73% of that of the City of Chesapeake and 77% of Virginia mean income.

3. Scoring summary: Category, All other projects, 10 pts + SVI, Mod, 5 pts + NFIP, 0 pts + LIGA, 10 pts + RNSP, 5 pts + CSB, 30 pts + ELP, 10 pts = 70

**Total Score\*:** 70

**Special Conditions:**

1. The project does not change any existing drainage patterns, therefore no adverse impact is anticipated. Analysis to be conducted during design is expected to confirm that this is the case. Applicant must submit completed "no adverse impact" analysis to DCR.

2. The project will remove the roadway from 100-yr AE flood zone, last mapped on 12/16/2014. Applicant will submit letter of map change and technical data developed to FEMA, with DCR copied.