Department of Homeland Security
Federal Emergency Management Agency

General Info

Project #	750132 **P/W #** 170	**Project Type**	Estimated Costs
Project Category	C - Roads and Bridges	**Applicant**	Portland, City of (005-60545-00)
Project Title	Peaks Island Seashore - WTBC	**Event**	4764DR-ME (4764DR)
Project Size	Large	**Declaration Date**	3/20/2024
Activity Completion Date	12/31/2027	**Incident Start Date**	1/09/2024
		Incident End Date	1/13/2024
Process Step	Obligated		

Damage Description and Dimensions

The Disaster # 4764DR, which occurred between *01/09/2024* and *01/13/2024*, caused:

Damage #1378852; Peaks Island Seashore Ave. (road and seawall)

General Facility Information:

- **Facility Type:** Roads (No Culverts)
- **Facility:** Seashore Avenue and Ocean Spray Road
- **Facility Description:** Asphalt roads following the perimeter of Peaks Island to the South and East with seawalls constructed on the ocean side of the road.
- **Approx. Year Built:** 1942
- **Location Description:** 120-808 Seashore Avenue on Peaks Island, Portland Maine 04108
- **Road Type:** Asphalt
- **Start GPS Latitude/Longitude:** 43.65262, -70.19010
- **End GPS Latitude/Longitude:** 43.66627, -70.18325
- **Width (ft):** 18
- **Number of Lanes:** 2

General Damage Information:

- **Date Damaged:** 1/9/2024 to 1/13/2024
- **Cause of Damage:** Storm surge and surface flooding

Road Damage:

Ocean Spray Road Site #3 (43.66805, -70.18360):

- Surface, 90.6667 CY of Crushed gravel, 102 FT long x 12 FT wide x 2 FT deep, Storm surge and surface flooding resulted in the crushed gravel road being washed out onto the beach and into the ocean. , 0% work completed.

Seashore Avenue Seawall Site #1 (43.65216, -70.19504):

- Seawall, 9.2593 CY of Crushed gravel, 40 FT long x 15 FT wide x 5 IN deep, Storm surge and surface flooding caused crushed gravel under the seawall to be washed into the road and ocean. , 0% work completed.
- Seawall, 50.4167 CY of 3' X 3' X 2' angular rock, 180 FT long x 16.5 FT wide x 5.5 IN deep, Storm surge and surface flooding caused angular rock (rip rap) making up the seawall to be washed onto the beach and into the ocean. , 0% work completed.

- Seawall, 300 CY of 4' X 4' X 3' angular rock, 90 FT long x 18 FT wide x 5 FT deep, Storm surge and surface flooding caused angular rock (rip rap) making up the seawall to be washed onto the beach and into the ocean., 0% work completed.

Seashore Avenue Site #2 (43.65262, -70.19010) (43.66627, -70.18325):

- Surface, 597.1139 CY of Asphalt surface, 2,149.61 FT long x 18 FT wide x 5 IN deep, Storm surge and surface flooding caused the asphalt road to be washed onto the shoulder and onto the beach., 0% work completed.
- Seawall, 75.5556 CY of Mixed medium rip rap with poured concrete, 136 FT long x 3 FT wide x 5 FT deep, Storm surge and surface flooding caused rip rap making up the seawall to be washed onto the beach and into the ocean., 0% work completed.
- Seawall, 1,248.3111 CY of 3' X 2' X 2' Angular rock, 280.87 FT long x 30 FT wide x 4 FT high, Storm surge and surface flooding caused angular rock (rip rap) making up the seawall to be washed onto the beach and into the ocean., 0% work completed.
- Seawall, 527.7778 CY of 4' X 4' X 4' Angular rock, 190 FT long x 15 FT wide x 5 FT deep, Storm surge and surface flooding caused angular rock (rip rap) making up the seawall to be washed onto the beach and into the ocean., 0% work completed.
- Seawall, 562.963 CY of 2' X 2' X 2' Angular rock, 190 FT long x 20 FT wide x 4 FT deep, Storm surge and surface flooding caused angular rock (rip rap) making up the seawall to be washed onto the beach and into the ocean., 0% work completed.
- Seawall, 288.8889 CY of 2' X 2' X 2' medium size angular rock, 130 FT long x 15 FT wide x 4 FT deep, Storm surge and surface flooding caused angular rock (rip rap) making up the seawall to be washed onto the beach and into the ocean., 0% work completed.
- Seawall, 1,213.7778 CY of 4' X 4' X 3' angular rock, 273.1 FT long x 20 FT wide x 6 FT deep, Storm surge and surface flooding caused angular rock (rip rap) making up the seawall to be washed onto the beach and into the ocean., 0% work completed.
- Seawall, 1,478.4722 CY of 4' X 4' X 3' angular rock, 319.35 FT long x 25 FT wide x 5 FT deep, Storm surge and surface flooding caused angular rock (rip rap) making up the seawall to be washed onto the beach and into the ocean., 0% work completed.
- Shoulder, 106.1536 CY of Sediment removal, 2,149.61 FT long x 2 FT wide x 8 IN deep, Storm surge and surface flooding caused shoulder to fill with sediment. , 0% work completed.

Final Scope

1378852 Peaks Island Seashore Ave. (road and seawall)

Work to be Completed

The applicant will utilize contract or force account for repairs to **Peaks Island Seashore Ave. (road and seawall), Maine** to restore this facility back to its pre-disaster design, function, and capacity (in-kind) within the existing footprint.

Road Damage:

Ocean Spray Road Site #3 (43.66805, -70.18360):

A. Remove and Replace, 90.6667 CY of Crushed gravel, 102 FT long x 12 FT wide x 2 FT deep.

Seashore Avenue Seawall Site #1 (43.65216, -70.19504):

B. Remove and Replace, 9.2593 CY of Crushed gravel, 40 FT long x 15 FT wide x 5 IN deep.

C. Remove and Replace, Seawall, 50.4167 CY of 3' X 3' X 2' angular rock, 180 FT long x 16.5 FT wide x 5.5 IN deep.

D. Remove and Replace, Seawall, 300 CY of 4' X 4' X 3' angular rock, 90 FT long x 18 FT wide x 5 FT deep.

Seashore Avenue Site #2 (43.65262, -70.19010) (43.66627, -70.18325):

E. Remove and Replace, 597.1139 CY of Asphalt surface, 2,149.61 FT long x 18 FT wide x 5 IN deep.

F. Remove and Replace, 75.5556 CY of Mixed medium rip rap with poured concrete, 136 FT long x 3 FT wide x 5 FT deep.

G. Remove and Replace, 1,248.3111 CY of 3' X2' X2' Angular rock, 280.87 FT long x 30 FT wide x 4 FT high.

H. Remove and Replace, 527.7778 CY of 4' X4' X4' Angular rock, 190 FT long x 15 FT wide x 5 FT deep.

I. Remove and Replace, 562.963 CY of 2' X2' X2' Angular rock, 190 FT long x 20 FT wide x 4 FT deep.

J. Remove and Replace, 288.8889 CY of 2' X2' X2' medium size angular rock, 130 FT long x 15 FT wide x 4 FT deep.

K. Remove and Replace, 1,213.7778 CY of 4' X4' X3' angular rock, 273.1 FT long x 20 FT wide x 6 FT deep.

L. Remove and Replace, 1,478.4722 CY of 4' X4' X3' angular rock, 319.35 FT long x 25 FT wide x 5 FT deep.

M. Remove, 106.1536 CY of Sediment removal, 2,149.61 FT long x 2 FT wide x 8 IN deep.

Work to be Completed Total: $2,849,137.50

Cost Estimating Format Total: $5,235,295.35

Project Notes:

1. All site estimates for work to be completed were generated using RS means Software Data/Year 2024 Quarter 4 – MAINE / PORTLAND (040-041). See document labeled “ST750132– DR4764ME – CEF.

2. GPS coordinates have been checked for accuracy.

3. Applicant will comply with local, state,federal procurement laws, regulations, and procedures. For work to be completed, the applicant is required to obtain any necessary Federal, State, and Local environmental permits prior to the start of construction.

4. All borrow material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provide the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural field, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. FEMA must review the source for compliance with all applicable federal environment planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.

5. The anticipated ground disturbance and staging area for this project’s activities were estimated to be within the right-of-way of the subject road facility.

6. Applicant provides LOCAL cost for the transportation to the island per round trip and has been considered as per request. To move a dump truck of gravel from Shaw Brothers to Peaks Island would cost $500 for the truck + $100 for the trip from the pit + $250 to transport it. 18 CY TRUCK.

I. Related Damaged Items to be Protected

During the declared incident period of January 9, 2024, through January 13, 2024, the City of Portland was impacted by a winter storm that caused storm surge and surface flooding, resulting in roads and seawalls in Peaks Island Seashore Avenue. As a direct result of this event, the following areas were damaged and will be mitigated.

Ocean Spray Road Site #3 (43.66805, -70.18360):

Crushed gravel surface (102 FT L x 12 FT W x 2 FT D; 90.6667 CY)

Seashore Avenue Seawall Site #1 (43.65216, -70.19504):

Crushed gravel seawall (40 FT L x 15 FT W x 5 IN D; 9.2593 CY)

Angular rock seawall (180 FT L x 16.5 FT W x 5.5 IN D; 50.4167 CY of 3 FT X 3 FT X 2 FT angular rock)

Angular rock seawall (90 FT L x 18 FT W x 5 FT D; 300 CY of 4 FT X 4 FT X 3 FT angular rock)

Seashore Avenue Site #2 (43.65262, -70.19010) (43.66627, -70.18325):

Asphalt surface (2,149.61 FT L x 18 FT W x 5 IN D; 597.1139 CY)

Mixed medium rip rap with poured concrete seawall (136 FT L x 3 FT W x 5 FT D; 75.5556 CY)

Angular rock seawall (280.87 FT L x 30 FT W x 4 FT; 1,248.3111 CY of 3 FT X 2 FT X 2 FT angular rock)

Angular rock seawall (190 FT L x 15 FT W x 5 FT D; 527.7778 CY of 4 FT X 4 FT X 4 FT angular rock)

Angular rock seawall (190 FT L x 20 FT W x 4 FT D; 562.963 CY of 2 FT X 2 FT X 2 FT angular rock)

Medium size angular rock seawall (130 FT L x 15 FT W x 4 FT D; 288.8889 CY of 2 FT X 2 FT X 2 FT medium size angular rock)

Angular rock seawall (273.1 FT L x 20 FT W x 6 FT D; 1,213.7778 CY of 4 FT X 4 FT X 3 FT angular rock)

Angular rock seawall (319.35 FT L x 25 FT W x 5 FT D; 1,478.4722 CY of 4 FT X 4 FT X 3FT angular rock)

Shoulder sediment removal (2,149.61 FT L x 2 FT W x 8 IN D; 106.1536 CY**)**

The affected site is located at 120-808 Seashore Avenue on Peaks Island, Portland Maine 04108

Note: For full version of DDD, please refer to document labeled PRJ_Report_750132_20250318.pdf.

Total repair cost of damaged elements being protected by the HMP at this site*=	$ 2,849,137.50

*Before Cost Estimating Format (CEF) factors if a large project.

Comments: The above is the total repair cost of damaged elements being protected before applying the CEF.

II. Hazard Mitigation Proposal (HMP) Scope of Work

Mitigation consists of providing additional riprap to reinforce the repairs and protect the road and seawalls against future storm surge and surface flooding by dissipating the energy of the incoming water.

Seashore Avenue Seawall Site #1 (43.65216, -70.19504):

Angular rock seawall (180 FT L x 16.5 FT W x 5.5 IN D; 50.4167 CY of 3 FT X 3 FT X 2 FT angular rock)

- Adding 47.90 Ton of riprap and rock lining, random, broken stone, 300 lb. average, dumped, not grouted. RS Means Code # 313713100370, priced at $ 75.95 per Ton.

Mitigation Measure Base Cost: $ 3,637.63

Angular rock seawall (90 FT L x 18 FT W x 5 FT D; 300 CY of 4 FT X 4 FT X 3 FT angular rock)

- Adding 285.00 Ton of riprap and rock lining, random, broken stone, 300 lb. average, dumped, not grouted. RS Means Code # 313713100370, priced at $ 75.95 per Ton.

Mitigation Measure Base Cost: $ 21,645.75

Seashore Avenue Site #2 (43.65262, -70.19010) (43.66627, -70.18325):

Mixed medium rip rap with poured concrete seawall (136 FT L x 3 FT W x 5 FT D; 75.5556 CY)

- Adding 22.67 SY of riprap and rock lining, random, broken stone, 3/8 to 1/4 C.Y. pieces, machine placed for slope protection, grouted. RS Means Code # 313713100110, priced at $ 380.27 per SY.

Mitigation Measure Base Cost: $ 8,618.82

Angular rock seawall (280.87 FT L x 30 FT W x 4 FT; 1,248.3111 CY of 3 FT X 2 FT X 2 FT angular rock)

- Adding 1185.90 Ton of riprap and rock lining, random, broken stone, 300 lb. average, dumped, not grouted. RS Means Code # 313713100370, priced at $ 75.95 per Ton.

Mitigation Measure Base Cost: $ 90,068.77

Angular rock seawall (190 FT L x 15 FT W x 5 FT D; 527.7778 CY of 4 FT X 4 FT X 4 FT angular rock)

- Adding 501.39 Ton of riprap and rock lining, random, broken stone, 300 lb. average, dumped, not grouted. RS Means Code # 313713100370, priced at $ 75.95 per Ton.

Mitigation Measure Base Cost: $ 38,080.49

Angular rock seawall (190 FT L x 20 FT W x 4 FT D; 562.963 CY of 2 FT X 2 FT X 2 FT angular rock)

- Adding 534.81 Ton of riprap and rock lining, random, broken stone, 300 lb. average, dumped, not grouted. RS Means Code # 313713100370, priced at $ 75.95 per Ton.

Mitigation Measure Base Cost: $ 40,619.19

Medium size angular rock seawall (130 FT L x 15 FT W x 4 FT D; 288.8889 CY of 2 FT X 2 FT X 2 FT medium size angular rock)

- Adding 274.44 Ton of riprap and rock lining, random, broken stone, 300 lb. average, dumped, not grouted. RS Means Code # 313713100370, priced at $ 75.95 per Ton.

Mitigation Measure Base Cost: $ 20,844.06

Angular rock seawall (273.1 FT L x 20 FT W x 6 FT D; 1,213.7778 CY of 4 FT X 4 FT X 3 FT angular rock)

- Adding 1153.09 Ton of riprap and rock lining, random, broken stone, 300 lb. average, dumped, not grouted. RS Means Code # 313713100370, priced at $ 75.95 per Ton.

Mitigation Measure Base Cost: $ 87,577.10

Angular rock seawall (319.35 FT L x 25 FT W x 5 FT D; 1,478.4722 CY of 4 FT X 4 FT X 3FT angular rock)

- Adding 1404.55 Ton of riprap and rock lining, random, broken stone, 300 lb. average, dumped, not grouted. RS Means Code # 313713100370, priced at $ 75.95 per Ton.

Mitigation Measure Base Cost: $ 106,675.47

General mobilization and transportation costs

- Adding three (3) mobilization or demobilization, delivery charge for equipment, hauled on 40-ton capacity towed trailer. RS Means Code # 015436501500, priced at $ 1,181.92 each.

Mitigation Measure Base Cost: $ 3,545.76

- Adding 100 miles of piers, mobilization, barge, by tugboat. RS Means Code # 061333520300, priced at $ 69.07 per mile.

Mitigation Measure Base Cost: $ $6,907.00

The mitigation measures will reduce the risk of future damage by providing additional riprap to reinforce the repairs and protect the road and seawalls against future storm surge and surface flooding by dissipating the energy of the incoming water.

III. Hazard Mitigation Proposal (HMP) Cost: Worksheet

- Reference and attach a detailed, itemized cost estimate and/or CEF.

A. Cost of items if the HMP is approved=	$ 421,313.04
B. Cost of items deducted from the repair scope of work (SOW)=	$ 0

C. Net Hazard Mitigation Cost (before CEF factors) =	$ 421,313.04
D. Is there a CEF?	Yes
E. Net Hazard Mitigation Cost (after CEF factors) =	$ 774,163.48
F. What is the CEF ratio (CEF Total Cost/Base Cost)?	1.838
Comments:	$ 421,313.04 (Total Mitigation Cost) x 1.838 (CEF factor) = $ 774,163.48 (HM Total with CEF).

Hazard Mitigation Proposal Cost: Summary

Net Hazard Mitigation Cost =	$ 774,163.48
See attachment(s).	ST750132-DR4764ME-Hazard Mitigation Cost Estimate with CEF.xlsm
Comments:	$ 421,313.04 (Total Mitigation Cost) x 1.838 (CEF factor) = $ 774,163.48 (HM Total with CEF).

IV. Cost Effectiveness Calculation

(Net HMP Cost/Total Repair Cost of the damaged portions of the facility for which the mitigation measure applies) x 100

	$ 421,313.04	/	$ 2,849,137.50	x 100 =	14.79 %	= 15%	

The Benefit-Cost Analysis (BCA) ratio is	N/A	= 1.0

V. HMP Cost-Effectiveness

The mitigation measures meet the cost effectiveness criteria based on:

Mitigation cost is within 15% of the total eligible repair cost of the facility or facilities for which the mitigation measure applies. In accordance with FEMA Public Assistance Program and Policy Guide (PAPPG) V4 June 2020, Chapter 8. Section IV. A, this mitigation measure does not exceed 15 percent of the eligible repair cost and is considered to be cost-effective.

VI. Compliances and Assurances

For 'work to be completed,' this HMP is for estimating purposes only. If the site's final placement and configuration are different than the preliminary estimate, the Applicant should submit a change in scope request. This HMP is subject to further review prior to award.

The Applicant is responsible for final design, placement, configuration, procurement, permits and compliance with all regulatory codes and standards.

Eligibility and funding for the mitigation at this site on this project will be subject to the compliance of all environmental laws, regulations, and executive orders applicable to the site(s).

HMP Notes

1. The mitigation proposal estimates were generated using RS Means. See attachment labeled ST750132-DR4764ME-Hazard Mitigation Cost Estimate with CEF.xlsm.

2. The mitigation measures proposed in this document, and all suggested quantities, dimensions, and specifications in the scope, are for estimating/costing purposes only, and to provide funds for the resilience of the facility. The final selection and implementation of these measures, including any new ground disturbance, will be determined by the Applicant. Please, refer to the HMP "Compliances and Assurances" section. Work near water.

3. Any stagging will be done in the Right-of-Way

Cost

Code	Quantity	Unit	Total Cost	Section
9000 (CEF Cost Estimate)	1.00	Lump Sum	$5,235,295.35	Uncompleted

CRC Gross Cost	$5,235,295.35
Total 406 HMP Cost	$774,163.48
Total Insurance Reductions	$0.00
CRC Net Cost	$6,009,458.83
Federal Share (75.00%)	$4,507,094.13
Non-Federal Share (25.00%)	$1,502,364.70

Award Information

Version Information

Version #	Eligibility Status	Current Location	Bundle Number	Project Amount	Cost Share	Federal Share Obligated	Date Obligated

Drawdown History

EMMIE Drawdown Status As of Date	IFMIS Obligation #	Expenditure Number	Expended Date	Expended Amount
9/22/2025	4764DRMEP00001701	2024DO4R-09192025	9/18/2025	$4,507,094.13

Obligation History

Version #	Date Obligated	Obligated Cost	Cost Share	IFMIS Status	IFMIS Obligation #
0	4/17/2025	$4,507,094.13	75%	Accepted	4764DRMEP00001701

Subgrant Conditions

- As described in Title 2 Code of Federal Regulations (C.F.R.) § 200.333, financial records, supporting documents, statistical records and all other non-Federal entity records pertinent to a Federal award must be retained for a period of three (3) years from the date of submission of the final expenditure report or, for Federal awards that are renewed quarterly or annually, from the date of the submission of the quarterly or annual financial report, respectively, as reported to the Federal awarding agency or pass-through entity in the case of a subrecipient. Federal awarding agencies and pass-through entities must not impose any other record retention requirements upon non-Federal entities. Exceptions are stated in 2 C.F.R. §200.333(a) – (f)(1) and (2). All records relative to this project are subject to examination and audit by the State, FEMA and the Comptroller General of the United States and must reflect work related to disaster-specific costs.
- In the seeking of proposals and letting of contracts for eligible work, the Applicant/Subrecipient must comply with its Local, State (provided that the procurements conform to applicable Federal law) and Federal procurement laws, regulations, and procedures as required by FEMA Policy 2 CFR Part 200, Procurement Standards, §§ 317-326.
- The Recipient must submit its certification of the subrecipient's completion of this project, the final claim for payment, and supporting documentation within 180 days from the date that the applicant completes the scope of work, or the project deadline, whichever occurs first. FEMA reimburses Large Projects (those with costs above the large project threshold) based on the actual eligible final project costs. Therefore, during the final project reconciliation (closeout), the project may be amended to reflect the reconciliation of actual eligible costs.
- When any individual item of equipment purchased with PA funding is no longer needed, or a residual inventory of unused supplies exceeding $5,000 remains, the subrecipient must follow the disposition requirements in Title 2 Code of Federal Regulations (C.F.R.) § 200.313-314.
- The terms of the FEMA-State Agreement are incorporated by reference into this project under the Public Assistance award and the applicant must comply with all applicable laws, regulations, policy, and guidance. This includes, among others, the Robert T. Stafford Disaster Relief and Emergency Assistance Act; Title 44 of the Code of Federal Regulations; FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide; and other applicable FEMA policy and guidance.
- The DHS Standard Terms and Conditions in effect as of the declaration date of this emergency declarations or major disaster, as applicable, are incorporated by reference into this project under the Public Assistance grant, which flow down from the Recipient to subrecipients unless a particular term or condition indicates otherwise.
- The Uniform Administrative Requirements, Cost Principles, and Audit Requirements set forth at Title 2 Code of Federal Regulations (C.F.R.) Part 200 apply to this project award under the Public Assistance grant, which flow down from the Recipient to all subrecipients unless a particular section of 2 C.F.R. Part 200, the FEMA-State Agreement, or the terms and conditions of this project award indicate otherwise. See 2 C.F.R. §§ 200.101 and 110.
- The subrecipient must submit a written request through the Recipient to FEMA before it makes a change to the approved scope of work in this project. If the subrecipient commences work associated with a change before FEMA approves the change, it will jeopardize financial assistance for this project. See FEMA Policy No. 104-009-2, Public Assistance Program and Policy Guide.
- Pursuant to section 312 of the Stafford Act, 42 U.S.C. 5155, FEMA is prohibited from providing financial assistance to any entity that receives assistance from another program, insurance, or any other source for the same work. The subrecipient agrees to repay all duplicated assistance to FEMA if they receive assistance for the same work from another Federal agency, insurance, or any other source. If an subrecipient receives funding from another federal program for the same purpose, it must notify FEMA through the Recipient and return any duplicated funding.

Insurance

Additional Information

3/18/2025

No adjustments to be made to the previous insurance coverage determination, no revisions to narrative needed, updated applicant tracker if needed, providing administrative function and forwarding project for completion.

Ronald Santana-Flores, PA Insurance Specialist
CRC Atlantic, Guaynabo, PR

12/27/2024

Does the Applicant have a Commercial Policy: Yes

Does the Applicant's Commercial Policy extend coverage for the damage described in this project: No

Property insurance coverage for road(s), road right-of-ways, embankment erosion, bridges or culvert damage represented on this project are not insured or insurable. No insurance relief is anticipated. No Obtain and Maintain requirement will be made.

FEMA requires the applicant to take reasonable efforts to pursue claims to recover insurance proceeds that it is entitled to receive from its insurer(s). In the event that any insurance proceeds are received for these expenses those proceeds must be reduced from FEMA Public Assistance funding to ensure no duplication of benefits has occurred.

No duplication of benefits from insurance is anticipated for work described in this application. In the event any part or all costs are paid by an insurance policy, a duplication of benefits from insurance will occur. The applicant must notify grantee and FEMA of such recoveries, and the Sub-Grant award amount must be reduced by actual insurance proceeds.

No insurance requirements will be required for this project. Insurance requirements are specific to permanent work to replace, restore, repair, reconstruct, or construct buildings, contents, equipment, or vehicles. (FEMA Recovery Policy FP 206-086-1).

No insurance narrative will be produced or uploaded into documents or attachments.

Ronald Santana-Flores, PA Insurance Specialist
CRC Atlantic, Guaynabo, PR

O&M Requirements

There are no Obtain and Maintain Requirements on **Peaks Island Seashore - WTBC**.

406 Mitigation

Mitigation consists of providing additional riprap to reinforce the repairs and protect the road and seawalls against future storm surge and surface flooding by dissipating the energy of the incoming water.

Environmental Historical Preservation

Is this project compliant with EHP laws, regulations, and executive orders? **Yes**

EHP Conditions

- Any change to the approved scope of work will require re-evaluation for compliance with NEPA and other Laws and Executive Orders.
- This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize funding.
- If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archaeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.
- Condition: artifacts National Historic Preservation Act (artifacts): Stop Work if archaeological deposits (for example Indian pottery, stone tools, shell, old house foundations, old bottles) are found/uncovered during construction. The project proponent and/or their contractor must immediately stop all work in the vicinity of the find, take reasonable measures to avoid or minimize harm to the finds, secure all archaeological finds (without removing them), and restrict access to the area of the find. The project proponent must immediately report the archaeological discovery to the State Emergency Management Agency and the FEMA Deputy Regional Environmental Officer Mary Shanks, 617-901-2204. FEMA will determine the next steps.
- Condition: human remains National Historic Preservation Act (human remains): STOP Work if human remains are discovered. The project proponent and their contractor must immediately stop all work in the vicinity of the discovery and take reasonable measures to avoid or minimize harm to the remains, project all human remains discoveries, and restrict access to discovery sites. The project proponents and their contractor must follow all state laws associated with the discovery of human remains, including immediately notifying the proper authorities. Violation of state law will jeopardize FEMA funding for this project. The project proponent will inform the Office of the Chief Medical Examiner, the State Archaeologist, the State Emergency Management Agency, and the FEMA Deputy Regional Environmental Officer Mary Shanks, 617-901-2204. FEMA will consult with the SHPO and Tribes, if remains are of tribal origin. Work in the vicinity of the discovery(s) may not resume until consultation is completed and appropriate measures have been taken to ensure that the project is compliant with the National Historic Preservation Act and the Native American Graves Protection and Repatriation Act.
- Condition: Inadvertent Effects to Structures National Historic Preservation Act (Inadvertent Effects to Structures): Stop work if any unanticipated damage, alteration, collapse, or demolition (complete or partial) occurs to any structure over 45 years of age during construction. The project proponent and their contractor shall immediately stop all work in the vicinity of the damage and take reasonable measures to avoid or minimize additional harm to the structure and make it safe and secure. For Example, structures include, but are not limited to culverts, bridges, stone walls [including those along water channels], and buildings) that are over 45 years of age within or adjacent to the project area. As soon as possible the project proponent shall report the unanticipated impact to structures to the State Emergency Management Agency and the FEMA Deputy Regional Environmental Officer Mary Shanks, 617-901-2204; FEMA will determine the next steps.
- Condition: Borrow Sources/Pits National Historic Preservation Act (borrow sources): All borrow or fill material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g., a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Subrecipient must notify FEMA and the Recipient (State EMA) prior to extracting material. FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a Subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.
- Condition: Staging and Access Areas National Historic Preservation Act (staging and access): Staging of equipment and materials and temporary access routes including, but not limited to, routes between staging and work areas shall take place on existing hardened surfaces such as paved or gravel roadways or parking lots. If additional staging areas or access routes are to be established on non-hardened surfaces, the Subrecipient must notify FEMA prior to construction or use. FEMA must review the staging area(s) and/or access route(s) for compliance with all applicable federal environmental planning and historic preservation laws and executive orders. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation in the form of photographs showing the staging and temporary and permanent access areas in use and shortly after construction is complete is required at closeout.
- Clean Water Act Section 404: Before construction begins, the Applicant must obtain any required Clean Water Act section 404 permit from the U.S. Army Corps of Engineers. A copy of the approval/permit, or documentation from the permitting official that an approval/permit is not required, must be forwarded to the State and FEMA for inclusion in the administrative record.
- Condition: Local Floodplain Administrator Approval Executive Order 11988, Floodplain Management: Before construction begins, the Applicant must obtain approval from the local permitting official responsible for floodplain development. A copy

of the approval/permit, or documentation from the permitting official that an approval/permit is not required, must be forwarded to the State and FEMA for inclusion in the administrative record.

EHP Additional Info

There is no additional environmental historical preservation on **Peaks Island Seashore - WTBC**.

Final Reviews

Final Review

Reviewed By L'HEUREUX, ROBYN L. **Reviewed On** 03/28/2025 10:09 AM EDT

Review Comments

No comments available for the Final Review step

Recipient Review

Reviewed By Fuchs, Anne **Reviewed On** 03/28/2025 11:48 AM EDT

Review Comments

No comments available for the Recipient Review step

Project Signatures

Signed By Hager, Caity **Signed On** 04/03/2025