

ROCKAWAY BOARDWALK RECONSTRUCTION

Environmental Assessment

Project Location: Community District 14
Borough of Queens

Lead Agency:
New York City Office of Management and Budget

Lead Agency Contact:
Calvin Johnson, Assistant Director CDBG-DR

Project Applicants:
New York City Department of Parks and Recreation and
New York City Economic Development Corporation

Preparers:
AKRF, Inc.
440 Park Avenue South
New York, NY 10016

February 14, 2014

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ENVIRONMENTAL REVIEW RECORD

Documentation of an Environmental Assessment for Projects/Activities Found at **24 C.F.R. Part 58.36**, Which Are Subject to the Federal Laws and Authorities Found at 24 C.F.R. Part 58.5 and Other Requirements found at 24 C.F.R. Part 58.6

Project/Activity Information, Executive Summary, Determinations, and Certification:

Project Name: Rockaway Boardwalk Reconstruction

Project Location: Rockaways, Queens, New York

Project Funding Program: CDBG-DR

Project Loan or Grant Number: B-13-MS-36-0001

Project Total Development Cost (best estimate): \$227 million

Project HUD assistance: \$10 million currently in approved Action Plan; additional funding to be determined.

Grant Recipient: New York City Office of Management and Budget
[\[24 C.F.R. Part 58\(a\)\(5\)\]](#)

Grant Recipient's Address: 255 Greenwich Street, 8th Floor, New York, NY 10007

Project Representative: Calvin Johnson, Assistant Director, CDBG-DR

Project Representative's Telephone Number: 212-788-6024

Responsible Entity (RE): New York City Office of Management and Budget
[\[24 C.F.R. Part 58.2\(a\)\(7\)\]](#)

Certifying Official: Mark Page or Official Designate
[\[24 C.F.R. Part 58.2\(a\)\(2\)\]](#)

Statement of Purpose and Need for the Proposed Action: [\[40 C.F.R. Part 1508.9\(b\)\]](#)

Hurricane Sandy damaged neighborhoods, beaches and New York City Department of Parks and Recreation (DPR) facilities in many locations. In the Rockaways, approximately 4.7 miles of the boardwalk were damaged. Targeted repairs were made to portions of the boardwalk in time to allow their limited use during the summer of 2013. The Proposed Action would complete the reconstruction of the boardwalk from Beach 20th Street to Beach 126th Street and would

increase the resiliency of the boardwalk. The Proposed Action also would provide structured access to the beach between Beach 126th and Beach 149th Streets over new dunes currently being constructed by the United States Army Corps of Engineers (USACE) and maintain the existing at-grade crossings through the existing dunes between Beach 9th and Beach 20th Streets (See Chapter 1, “Project Description.”)

Description of the Proposed Action:

(Include all contemplated actions which logically are either geographically or functionally a composite part of the project, regardless of the source of funding. [24 C.F.R. Part 58.32, 40 C.F.R. Part 1508.25])

It is the intention of the project to reconstruct the boardwalk between Beach 20th and Beach 126th Streets on new steel foundations in a similar footprint. Under current plans, all existing concrete foundations in the way of new construction would be removed and new steel foundations would be spaced approximately 30 feet apart. There could be changes to the existing alignment of between approximately 5 and 10 feet in some locations. Nowhere will the reconstructed boardwalk intrude on the seaward side of the mean high water spring elevation. An overall goal of the project is to raise the new boardwalk to an elevation of up to 3 feet above the 100-year FEMA storm surge levels which vary along the site from +13 feet to +17 feet North American Vertical Datum of 1988 (NAVD 88). The existing elevations of the tops of the pile caps vary from +10.4 feet to +14.56 feet NAVD 88. The typical boardwalk surface would be designed to be 3.0 feet above the 100-year storm surge elevation. This new elevation would result in raising the new boardwalk sections from approximately 1.4 feet at the eastern portion of the site to approximately 8.0 feet to the west. These elevations would vary to accommodate existing structures and to minimize changes in boardwalk elevations. The reconstruction would also incorporate a sand-retaining wall underneath the boardwalk that would prevent sand migration and help to protect the adjacent community. The sand-retaining wall would span the length of the boardwalk. The rebuilt boardwalk and associated access points would be constructed to be compatible with beach replenishment projects currently being undertaken by USACE. To the extent practicable, and in coordination with USACE, the boardwalk project would also consider interim secondary coastal protection measures and, at a minimum, would be designed so as to not preclude additional storm protection measures in the future. Between Beach 126th and Beach 149th Streets, the proposed project includes providing structured access to the beach with stairs and ramps across the new dunes currently being constructed as part of the USACE beach renourishment project. In addition, the proposed project would maintain the five existing at-grade crossings through the existing dunes between Beach 9th and Beach 20th Streets (See Chapter 1, “Project Description” for a more complete description of the Proposed Action.)

Existing Conditions and Trends:

(Describe the existing conditions of the project area and its surroundings, and trends likely to continue in the absence of the project. [24 C.F.R. Part 58.40(a)])

The Rockaway Beach and Boardwalk are a destination open space resource under the jurisdiction of the New York City Department of Parks and Recreation (DPR). The boardwalk is currently in a substantially deteriorated state due to Hurricane Sandy. Large sections either have no boardwalk surfaces or damaged surfaces. There are some areas with intact concrete boardwalks or rebuilt portions with cast-in-place-concrete. Targeted repairs—including beach access, lifeguard stations, and restroom facilities—were made in early 2013 to certain sections of the boardwalk at Beach 117th, 106th, 97th, and 86th Streets. Since there are currently several sections of boardwalk surface that are completely absent due to storm damage, the City is proposing to construct an interim boardwalk connection between Beach 35th Street and Beach 39th Street, where the boardwalk suffered significant damage. The boardwalk surface in this area, which was constructed of wood, is currently completely absent, thus interrupting

public use of the boardwalk. The proposed temporary structure will use salvaged *ipe* stringers that were recovered from the damaged boardwalk. These stringers will be placed on and anchored to the existing concrete piles, with timber decking placed on the stringers. The width of the deck will be approximately 12 feet and will be connected to the existing boardwalk at Beach 35th Street and Beach 39th Street. Upon completion of this interim connection, the entire stretch of boardwalk between Beach 9th St and Beach 60th Street would be usable, thus improving pedestrian access and enjoyment of this portion of the project site.

In addition, in the future with or without the proposed project the City intends to install sand fencing that would aid in the gradual formation of a sand dune beyond the eastern end of the USACE dune in order to provide flood protection to communities between Beach 9th and Beach 20th Streets. The sand fencing would be placed in two parallel rows approximately 20 feet apart, adjacent to and in approximate alignment with the eastern terminus of the USACE dune and landward of the existing natural dunes that occur in this area. Pedestrian access would be maintained through five at-grade openings in the sand fencing, where pedestrian access is now in the vicinity of Beach 19th, Beach 16th and Beach 9th Streets. In addition, in the future with or without the proposed project, the City would plant cape beach grass on the top of the USACE dune from Beach 20th Street to approximately Beach 73rd Street and on the top and seaward side of the dune from Beach 73rd Street to approximately Beach 149th Street. Planted areas would be protected by sand fencing until the vegetation becomes established.

Within 400-feet of the project site, the Rockaways peninsula contains multiple neighborhoods—including Far Rockaway, Edgemere, Arverne, Seaside, Rockaway Park, Belle Harbor, and Neponsit—that are developed with a diverse mix of residential, commercial, and community facility uses (see Figures 1 and 2). Many homes and businesses throughout the study area were damaged during Hurricane Sandy and are currently vacant, and some are undergoing repairs and/or reconstruction. The central portion of the study area between Beach 116th and Beach 84th Streets is the most active portion as it contains a concentration of commercial and community facility uses, as well as residential uses. As shown on Figure 3, this area contains medium-density residential districts (R4, R5, R5A, R5B, and R5-D) with commercial overlays along retail streets (C1-1, C1-3, C2-3). Beach 116th Street is a neighborhood retail center that includes restaurants, delis, pharmacies, souvenir stores, and a subway station. Rockaway Beach Boulevard in this area also includes a concentration of local retail uses. Community facility uses include healthcare facilities, schools, and nursing homes. Residential uses in this area include single-family houses, mid-century tower-in-the-park type residential developments, and new condominium towers and townhouses. West of this area, from Beach 117th Street to Beach 149th Street, the study area generally contains large single-family houses, with some supporting community facility uses, such as churches, temples, and schools. Many larger uses are adjacent to the beach in the area around Beach 125th Street, where there is a high-density residential zoning district (R7A). This area also contains low-density and medium density zoning districts (R1-2, R2, and R4A). North of the central area, there is a mix of older communities that generally contain single-family houses, mid-century tower-in-the-park residential developments, and newer developments, particularly in the Arverne Urban Renewal Area, which extends from Beach 73rd Street to Beach 32nd Street, south of Beach Channel Drive and Rockaway Freeway. Medium-density residential districts are predominant in this area (R6, as well as R4-1, R5, and R3-A), and there is also commercial overlay district (C2-4) and a medium-density commercial zone (C4-4).

Pursuant to the Arverne redevelopment plan, the 1,000-unit Arverne by the Sea development was built out by 2012. Additional development of approximately 1,300 residential units and supporting retail uses is expected to occur over time on the Arverne East blocks between Beach

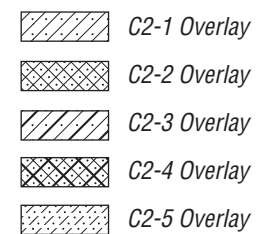




Source: NYC Department of City Planning, MapPLUTO 13 v1



0 2000 FEET
SCALE



32nd and Beach 59th Streets. Currently, these blocks are generally vacant land. No other major land use changes are currently anticipated in the study area. Homes and businesses affected by Hurricane Sandy are expected to be gradually repaired or redeveloped, and small new developments such as single-family houses and small businesses are expected to be built in the coming years.

Alternatives to the Proposed Action

Alternatives and Project Modifications Considered

[24 C.F.R. Part 58.40(e), 40 C.F.R. Part 1508.9]

(Identify and discuss all reasonable alternative courses of action that were considered and were not selected, such as alternative sites, designs, or other uses of the subject site(s). Describe the benefits and adverse impacts to the human environment of each alternative, in terms of environmental, economic, and design contexts, and the reasons for rejecting each alternative. Also, finally discuss the merits of the alternative selected.)

See Chapter 2, “Alternatives to the Proposed Action.”

No Action Alternative

[24 C.F.R. Part 58.40(e)]

(Discuss the benefits and adverse impacts to the human environment of not implementing the no action alternative.)

See Chapter 2, “Alternatives to the Proposed Action.”

Summary of Findings & Conclusions

(Briefly summarize all important findings and conclusions, discussing direct impacts, indirect impacts, and cumulative impacts.)

As described in Chapter 3, “Environmental Analyses,” the Proposed Action would not result in any adverse impacts.

Summary of Recommended Mitigation Measures

[24 C.F.R. Part 58.40(d), 40 C.F.R. Part 1508.20]

(Summarize the proposed mitigation measures identified and intended for implementation to eliminate or minimize adverse environmental impacts.)

As described in Chapter 3, Section D, “Hazardous Materials,” excavation and other construction work involving soil disturbance would be performed under a Site Management Plan and Health and Safety Plan to minimize the potential for impacts on the community and construction workers. The Site Management Plan and Health and Safety Plan will be submitted to and approved by the New York City Department of Environmental Protection before the commencement of any construction activities.

As described in Chapter 3, Section E, “Natural Resources,” construction activity would be limited between Beach 17th and Beach 73rd Streets to the non-breeding period for piping

plover, as well as for least tern and common tern, to avoid impacts to these species during the breeding season. In addition, a planting and propagation program for the dune sandspur, and any other confirmed rare, threatened or endangered plant species within the project site would be developed in coordination with New York City Department of Parks and Recreation and/or New York State Department of Environmental Conservation/New York Natural Heritage Program.

Conditions for Approval

(List all mitigation measures adopted by the responsible entity to eliminate or minimize adverse environmental impacts. These conditions must be included in project contracts or other relevant documents as requirements. [24 C.F.R. Part 58.40(d), 40 C.F.R. Part 1505.2(c)])

The following are conditions of approval for the proposed project:

- Acquire all required federal, state, and local permits before beginning construction;
- If any cultural resources are discovered during construction of the proposed project, all work will be halted and consultation with the New York State Historic Preservation Office and the Tribal Historic Preservation Officers will occur;
- Protect existing drain inlets from debris, soil, and sedimentation;
- Do not introduce invasive plants to the site;
- Follow City of New York stormwater management regulations;
- Replace and revegetate any disturbed area as soon as possible after work has been completed; and
- Require the construction contractor to implement the following measures for mitigation of construction impacts:
 - Construction noise should be mitigated with Best Management Practices as described in applicable city, state, and federal codes;
 - Minimize engine idling;
 - Establish and follow specified procedures for managing contaminated materials discovered or generated during construction;
 - Employ spill mitigation measures immediately upon a spill of fuel or other hazardous material; and
 - Establish and follow safety plans.

Additional Studies Performed

(Summarize and attach all special studies performed to support the environmental assessment analysis.)

See Chapter 3, "Environmental Analyses."

Finding:

[24 CFR Part 58.40(g)]

- ☒ **Finding of No Significant Impact**
(The project will not result in a significant impact on the quality of the human environment)
- ☐ **Finding of Significant Impact**
(The project may significantly affect the quality of the human environment)

Environmental Review Preparer's Information:

Environmental Preparer's name, title, and organization (printed or typed):

Peter A. Liebowitz, AICP, Senior Vice President, AKRF, Inc.

Environmental Preparer's signature: _____

Date: February 14, 2014

Responsible Entity, Representative's Information/Certification:

Responsible Entity, Representative's name, title, and organization (printed or typed):

NYC Office of Management & Budget, Calvin Johnson, Assistant Director CDBG-DR

Responsible Entity, Representative's signature: _____

Date: 2/18/14

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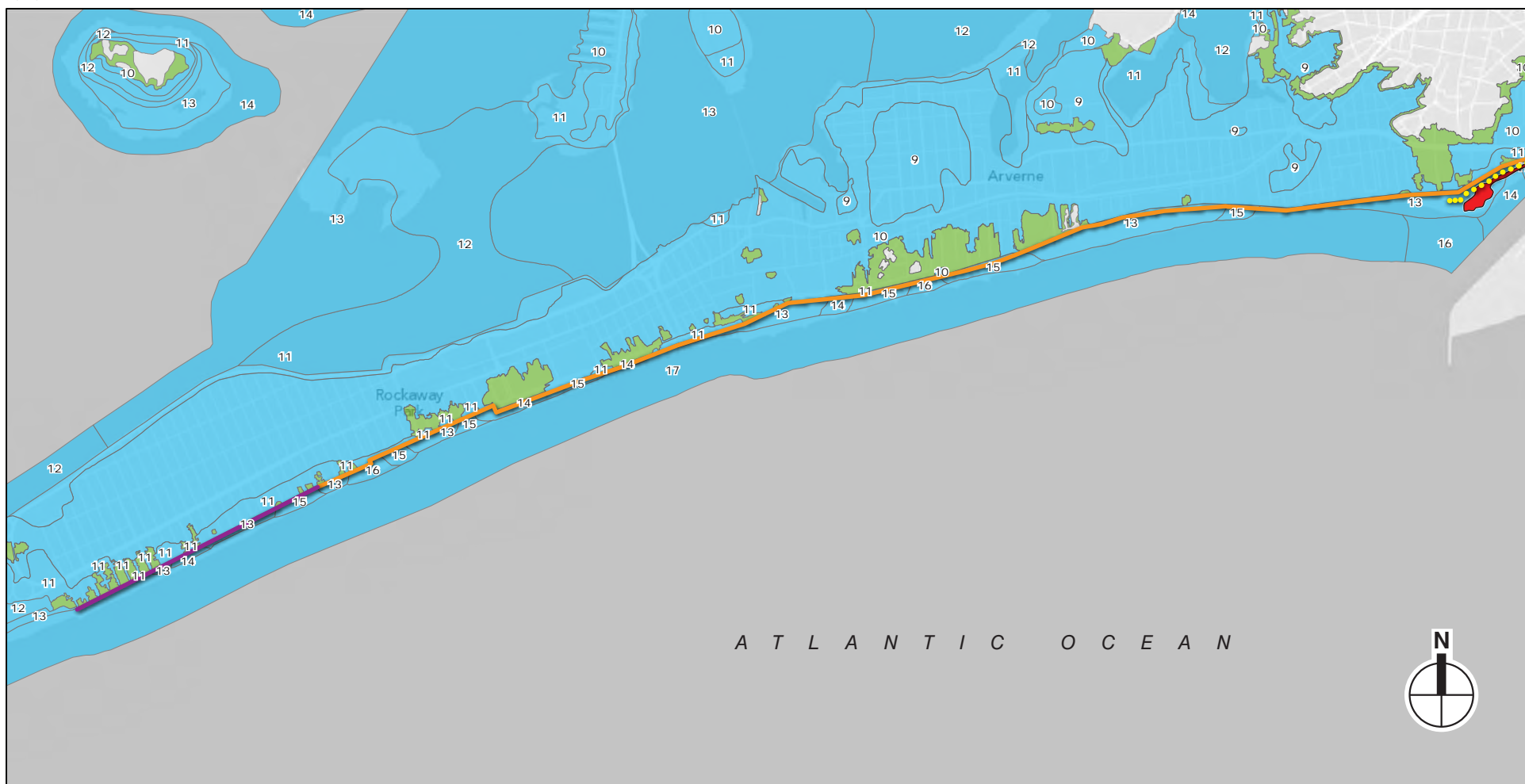
(For each listed statute, executive order (E.O.), or regulation, record the determinations made. Summarize all reviews and consultations completed as well as any applicable permits or approvals obtained. Attach supporting evidence that all required actions have been accomplished. Summarize any conditions or mitigation measures required. Then, state a determination of compliance or consistency.)





Compliance Factors:

Statutes, Executive Orders, and
Regulations listed at 24 CFR
§58.5



Compliance Documentation

Historic Preservation [36 CFR 800]	<p>The proposed project is in compliance; see Chapter 3, Section B, "Historic and Cultural Resources." No further assessment is required.</p>
Floodplain Management [24 CFR 55, Executive Order 11988]	<p>The proposed project is in compliance; see Chapter 3, Section A, "Coastal Zone Consistency" and Chapter 3, Section E, Natural Resources." As shown on Figure 4, the project site is located in the 100-year floodplain, and the proposed project will elevate the boardwalk above the 100-year FEMA storm surge levels. As described in the attached 8-step process (see Appendix D), it has been determined that there is no practicable alternative to the reconstruction of the boardwalk in the floodplain. The Early Floodplain Notice was published on September 20, 2013, and the Final Floodplain Notice was published on December 13, 2013. These notices and the affidavits of publication are included in Appendix D.</p>
Wetlands Protection [Executive Order 11990]	<p>The proposed project is in compliance; see Chapter 3, Section E, "Natural Resources." No further assessment is required.</p>
Coastal Zone Management Act [Sections 307(c),(d)]	<p>The proposed project is in compliance; see Chapter 3, Section A, "Coastal Zone Consistency." No further assessment is required.</p>
Sole Source Aquifers [40 CFR 149], SDWA (42 USC 201,300(f) et seq., and 21 USC 349	<p>The proposed project is in compliance; see Chapter 3, Section E, "Natural Resources." No further assessment is required.</p>



-  Boardwalk
-  Proposed Crossing Structures
-  Existing Dunes
-  Proposed (No-Action) Sand Fencing

Preliminary Flood Insurance Rate Map Flood Zones

-  100-year floodplain (Zones AE, AO, VE) with Base Flood Elevation where applicable
-  500-year floodplain (shaded X)

0 1 MILE
SCALE

Compliance Factors:

Statutes, Executive Orders, and
Regulations listed at 24 CFR
§58.5

**Compliance
Documentation**

Endangered Species Act [50 CFR 402]	<p>The proposed project is in compliance; see Chapter 3, Section E, "Natural Resources." No further assessment is required.</p>
Migratory Bird Treaty Act [50 CFR 10, 20, 21, Executive Order 13186]	<p>The proposed project is in compliance; see Chapter 3, Section E, "Natural Resources." No further assessment is required.</p>
Coastal Barrier Resources Act 16 U.S.C 3501-3510	<p>The proposed project is in compliance; CBRS NY-60P ends at the easterly boundary of Jacob Riis Park, which is west of the Proposed Action. No further assessment is required.</p> <p>http://www.fws.gov/CBRA/Maps/Locator/NY_Long_Island.pdf</p>
Wild and Scenic Rivers Act [Sections 7 (b), (c)]	<p>The proposed project is in compliance. There are no wild or scenic rivers within New York City as designated by the U.S. Department of the Interior. No impacts would occur and further assessment is not necessary.</p>
Air Quality [Clean Air Act, Sections 176 (c) and (d), and 40 CFR 6, 51, 93]	<p>The proposed project is in compliance. The proposed project is in a non-attainment area for ozone and particulate matter and a maintenance area for CO. However, the proposed project would not result in an increase in air pollutant emissions and would, therefore, not affect the New York State Implementation Plan (SIP). Due to the implementation of Best Management Practices that control dust and other emissions during construction, no significant impacts on air quality would result, and further assessment is not required.</p>
Farmland Protection Policy Act [7 CFR 658]	<p>The proposed project is in compliance. The project site is located in a developed urban area of New York City where prime farmland does not remain. The proposed project would not involve the conversion of farmland to non-agricultural use and, therefore, would not violate the Farmland Policy Act. No further assessment is required.</p>

Compliance Factors:

Statutes, Executive Orders, and
Regulations listed at 24 CFR
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**Compliance
Documentation**

Environmental Justice [Executive Order 12898]	The proposed project is in compliance; see Chapter 5, "Environmental Justice." No further assessment is required.
HUD Environmental Standards	Determinations and Compliance Documentation
Noise Abatement and Control [24 CFR 51 B]	The proposed project is in compliance. HUD standards for noise exposure do not apply to infrastructure projects such as the proposed project, because they are not noise sensitive uses (24 CFR 51.101). Noise levels should be minimized by ensuring that construction equipment is equipped with mufflers in good working order and construction activities are not conducted during early morning or late evening hours.
Explosive and Flammable Operations [24 CFR 51C]	The proposed project is in compliance. HUD Environmental Criteria and Standards at 24 CFR 51(c) are applicable to HUD-assisted projects that involve new residential construction, conversion of non-residential buildings to residential use, rehabilitation of residential properties that increase the number of units, or restoration of abandoned properties to habitable condition. The proposed project is for the reconstruction of an existing boardwalk and, as such, no further assessment is required.
Toxic Chemicals and Radioactive Materials [24 CFR 58.5(i); HUD Notice 79-33]	The proposed project is in compliance; see Chapter 3, Section D, "Hazardous Materials." No further assessment is required.
Airport Clear Zones and Accident Potential Zones [24 CFR 51 D]	The proposed project is in compliance; the proposed project is not located within 2,500 feet of the end of a civil airport runway or 8,000 feet of the end of a military airfield runway. No further assessment is required.
Magnuson-Stevens Fishery Conservation and Management Act [16 USC 1801 et seq]	The proposed project is in compliance. The proposed project does not include in-water construction and, therefore, has no potential to affect Essential Fish Habitats. No further assessment is required.
Fish and Wildlife Coordination Act [16 USC 661-666c]	The proposed project is in compliance. The proposed project does not include impounding, diverting, deepening, or otherwise modifying the waters of any stream or any other body of water. No further assessment is required.

Compliance Factors:

Statutes, Executive Orders, and
Regulations listed at 24 CFR
§58.5

**Compliance
Documentation**

Agriculture and Markets Law [Title 1 NYCRR Section 139.2]	Not applicable; does not affect the resources under consideration.
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Environmental Assessment Checklist

[Environmental Review Guide HUD CPD 782, 24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27]

Evaluate the significance of the effects of the proposal on the character, features and resources of the project area. Enter relevant base data and verifiable source documentation to support the finding. Then enter the appropriate impact code from the following list to make a finding of impact.

Impact Codes: (1) No impact anticipated; (2) Potentially beneficial; (3) Potentially adverse; (4) Requires mitigation; (5) Requires project modification. Note names, dates of contact, telephone numbers and page references. Attach additional materials as needed.

Project Name and Identification No.:

Land Development	Code	Source or Documentation
Conformance with Comprehensive Plans and Zoning	1	The proposed project is a reconstruction of the existing boardwalk and would not result in changes to land use or zoning. For a discussion of the Proposed Action's consistency with coastal management programs, see Chapter 3, Section A, "Coastal Zone Consistency."
Compatibility and Urban Impact	2	CDBG-DR funding would result in the reconstruction of the Rockaway Boardwalk. The reconstruction of the damaged boardwalk would provide an urban design and compatibility benefit by revitalizing the appearance of the associated neighborhoods.
Slope	1	Slope would not be altered with the proposed project, and impacts related to slope would not occur.
Land Development		
Erosion	1	See Chapter 3, Section E, "Natural Resources."
Soil Suitability	1	See Chapter 3, Section E, "Natural Resources."
Hazards and Nuisances including Site Safety	1	See Chapter 3, Section E, "Natural Resources."
Energy Consumption	1	See Chapter 3, "Environmental Analyses."
Noise - Contribution to Community Noise Levels	1	See Chapter 3, "Environmental Analyses."
Air Quality Effects of Ambient Air Quality on Project and Contribution to Community Pollution Levels	1	See Chapter 3, "Environmental Analyses."

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Environmental Design Visual Quality - Coherence, Diversity, Compatible Use and Scale	3	See Chapter 3, Section C, "Visual Quality/Urban Design."
Socioeconomic		
Demographic Character Changes	1	See Chapter 1, "Project Description" and Chapter 5, "Environmental Justice."
Socioeconomic		
Displacement	1	See Chapter 1, "Project Description" and Chapter 5, "Environmental Justice."
Employment and Income Patterns	1	See Chapter 1, "Project Description" and Chapter 5, "Environmental Justice."
Community Facilities and Services		
Educational Facilities	1	See Chapter 3, "Environmental Analyses."
Commercial Facilities	1	See Chapter 3, "Environmental Analyses."
Health Care	1	See Chapter 3, "Environmental Analyses."
Social Services	1	See Chapter 3, "Environmental Analyses."
Solid Waste	1	See Chapter 3, "Environmental Analyses."
Waste Water	1	See Chapter 3, "Environmental Analyses."
Storm Water		See Chapter 3, "Environmental Analyses."
Community Facilities and Services	Code	Source or Documentation
Water Supply	1	See Chapter 3, "Environmental Analyses."
Public Safety - Police	1	See Chapter 3, "Environmental Analyses."
- Fire	1	See Chapter 3, "Environmental Analyses."
- Emergency Medical	1	See Chapter 3, "Environmental Analyses."
Open Space and Recreation - Open Space	2	See Chapter 1, "Project Description" and Chapter 3, "Environmental Analyses."
- Recreation	2	See Chapter 1, "Project Description" and Chapter 3, "Environmental Analyses."
- Cultural Facilities	1	
Transportation	1	See Chapter 3, "Environmental Analyses."
Natural Features		
Water Resources	1	See Chapter 3, Section E, "Natural Resources."
Natural Features	Code	Source or Documentation
Surface Water	1	See Chapter 3, Section E, "Natural Resources."
Unique Natural Features and Agricultural Lands	1	See Chapter 3, Section E, "Natural Resources."
Vegetation and Wildlife	1	See Chapter 3, Section E, "Natural Resources."

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Other Factors		
Historical and Cultural Resources	1	See Chapter 3, Section B, "Historic and Cultural Resources."
Coastal Zone Management	1	See Chapter 3, Section A, "Coastal Zone Consistency."
Agriculture and Markets	1	

Note:

The Responsible Entity must additionally document compliance with 24 CFR §58.6 in the ERR, particularly with the Flood Insurance requirements of the Flood Disaster Protection Act and the Buyer Disclosure requirements of the HUD Airport Runway Clear Zone/Clear Zone regulation at 24 CFR 51 Subpart D.

Compliance Checklist for 24 CFR §58.6, Other Requirements

Complete for all projects, including Exempt (§58.34), Categorically Excluded Subject to §58.5 [§58.35(a)], Categorically Excluded Not Subject to §58.5[§58.35(b)], and Projects Requiring Environmental Assessments (§58.36)

Project Name:

ERR FILE:

§58.6(a) and (b) Flood Disaster Protection Act of 1973, as amended; National Flood Insurance Reform Act of 1994

Does the project involve new construction, major rehabilitation, minor rehabilitation, improvements, acquisition, management, new loans, loan refinancing or mortgage insurance?

☒ Yes ☐ No

If No, compliance with this section is complete.

If Yes, continue.

Is the project located in a FEMA identified Special Flood Hazard Area?

☒ Yes ☐ No

If No, compliance with this section is complete.

If Yes, continue.

Is the community participating in the National Flood Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

☒ Yes ☐ No

If Yes, Flood Insurance under the National Flood Insurance Program must be obtained. If HUD assistance is provided as a grant, insurance must be maintained for the economic life of the project and in the amount of the total project cost (or up to the maximum allowable coverage, whichever is less). If HUD assistance is provided as a loan, insurance must be maintained for the term and in the amount of the loan for the

life of the property (or up to maximum allowable coverage, whichever is less). A copy of the flood insurance policy declaration must be kept on file in the ERR.

If No, Federal assistance may not be used in the Special Flood Hazards Area.

Source Document:

§58.6(c) Coastal Barrier Improvement Act, as amended by the Coastal Barriers Improvement Act of 1990 (16 U.S.C. 3501)

Does the project involve new construction, conversion of land uses, major rehabilitation of existing structure, or acquisition of undeveloped land?

☒ Yes ☐ No

If No, compliance with this section is complete.

If Yes, continue below.

Is the project located in a coastal barrier resource area?

☐ Yes ☒ No

If No, compliance with this section is complete.

If Yes, Federal assistance may not be used in such an area.

Source Document:

§58.6(d) Runway Clear Zones and Clear Zones [24 CFR §51.303(a) (3)]

Does the project involve the sale or purchase of existing property?

Yes ☐ No ☒

If No, compliance with this section is complete.

If yes, continue below.

Is the project located within 2,500 feet of the end of a civil airport runway (Civil Airport's Runway Clear Zone) or within 15,000 feet of the end of a military runway (Military Airfield's Clear Zone)?

Yes ☐ No ☒

If No, compliance with this section is complete.

If Yes, If yes, the responsible entity must advise the buyer that the property is in a runway clear zone or clear zone, what the implications of such a location are, and that there is a possibility that the property may, at a later date, be acquired by the airport operator. The buyer must sign a statement acknowledging receipt of this information and be maintained in this ERR. For the appropriate content, go to:

<http://www.hud.gov/offices/cpd/environment/review/qa/airporthazards.pdf>.

Source Document:

Attachments:

List of Sources, Agencies, and Persons Consulted

[40 C.F.R. Part 1508.9(b)]

(List and attach all evidence of inquiries and responses received at all stages of consultation and analysis.)

Sources:

Environmental Assessment, consisting of the following chapters:

- Chapter 1, "Project Description"
- Chapter 2, "Project Alternatives"
- Chapter 3, "Environmental Analyses"
 - Chapter 3, Section A, "Coastal Zone Consistency"
 - Chapter 3, Section B, "Historic and Cultural Resources"
 - Chapter 3, Section C, "Urban Design and Visual Resources"
 - Chapter 3, Section D, "Hazardous Materials"
 - Chapter 3, Section E, "Natural Resources"
 - Chapter 3, Section F, "Construction"
- Chapter 4, "Cumulative Effects"
- Chapter 5, "Environmental Justice"

Agencies and Persons Consulted:

Mr. Robert Dobruskin, Director, Environmental Assessment and Review

Ms. Dalila Hall, Queens Borough Commissioner, New York City Department of Transportation

Ms. Stephanie Lamster, United States Environmental Protection Agency

Ms. Venetia Lannon, Natural Resources Supervisor, New York State Department of Environmental Conservation

Ms. Jodi McDonald, Chief, Regulatory Branch, New York District Army Corps of Engineers

Mr. Robert R. Kulikowski, Mayor's Office of Environmental Coordination

Mr. Andrew Feeney, NYS Division of Homeland Security and Emergency Services

Mr. Michael Marrellla, Director of Waterfront and Open Space, New York City Department of City Planning

Mr. Mark Page, Jr., Managing Director, Environmental Impact Analysis & Technical Review, New York City Department of Environmental Protection

Mr. Steve Papa, United States Fish and Wildlife Service

Mr. Naim Rasheed, Director, Office of Project Analysis/CEQR, New York City Department of Transportation

Mr. Stephen A. Ryba, Chief, Eastern Permits Section, New York District Army Corps of Engineers

CITY OF NEW YORK, HURRICANE SANDY CDBG-DR PROGRAM

Ms. Gina Santucci, Director of Environmental Review, New York City Landmarks Preservation Commission

Mr. Jeffrey Zappieri, Supervisor of Consistency Review and Analysis, New York State Department of State, Division of Coastal Resources

Appendices:

Appendix A: Programmatic Agreement among the Federal Emergency Management Agency, the New York State Historic Preservation Office, the New York State Office of Emergency Management, the Delaware Nation, the Delaware Tribe of Indians, the Shinnecock Nation, the Stockbridge-Munsee Community Band of Mohicans, LPC, and the Advisory Council of Historic Preservation as a result of Hurricane Sandy.

Appendix B: U.S. Fish & Wildlife Service list of threatened and endangered species, New York State Department of Environmental Conservation, Division of Fish, Wildlife & Marine Resources New York Natural Heritage Program database results, and Section 7 consultation documents.

Appendix C: Agency Correspondence. This appendix contains agency notification letters and agency responses. Agency notification letters were distributed on September 13, 2013, October 1, 2013, and October 17, 2013. Each letter asked that comments be received within 30 calendar days. On December 5, 2013 additional project updates were sent via email to the six agencies that had responded to the prior notification letters—the New York City Department of City Planning, the New York City Department of Environmental Protection, the New York City Landmarks Preservation Commission, the United States Environmental Protection Agency, the United States Fish and Wildlife Service, and the United States Army Corps of Engineers.

Appendix D: Floodplain Notices, Affidavits of publication, and 8-step process.

Appendix E: Combined Finding of No Significant Impact and Notice of Intent to Request Release of Funds, Affidavits of publication.

Appendix F: Request for Release of Funds submission to HUD, Authority to Use Grant Funds form.