

PUBLIC NOTICE

US Army Corps of Engineers New York District Jacob K. Javits Federal Building New York, N.Y. 10278-0090 ATTN: Regulatory Branch

In replying refer to: Public Notice Number: NAN-2020-00920-EMI Issue Date: May 6, 2021 Expiration Date: June 5, 2021

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).

- APPLICANT: Consolidated Edison Company of New York, Inc. 4 Irving Place New York, New York 10003
- ACTIVITY: Construction of two (2) microtunnels containing electrical feeder cables
- WATERWAY: Harlem River
- LOCATION: Between Inwood, Borough of Manhattan, New York County, and Fordham Manor, Borough of The Bronx, Bronx County, City of New York, New York

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND EMAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE,

CENAN-OP-RE PUBLIC NOTICE NO. NAN-2020-00920-EMI

otherwise, it will be presumed that there are no objections to the activity.

Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. Comments provided will become part of the public record for this permit application. All written comments, including contact information, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by email is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein will have no effect on any Federally endangered or threatened species or their critical habitat pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531).

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act (Public Law 104-267), requires all Federal agencies to consult with the National Oceanic and Atmospheric Administration Fisheries Service (NOAA/FS) on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). The New York District has made the preliminary determination that the activities for which authorization is sought herein will have no effect on EFH or EFH-listed species.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Pursuant to Section 307 (c) of the Coastal Zone Management Act of 1972 as amended [16 U.S.C. 1456 (c)], for activities under consideration that are located within the coastal zone of a state which has a federally approved coastal zone management program, the applicant has certified in the permit application that the activity complies with, and will be conducted in a manner that is consistent with, the approved state coastal zone management program. In a letter April 5, 2021, the New York State Department of State issued a Concurrence with Consistency Certification, F-2020-0670, to the applicant for the proposed activities.

The applicant has obtained the following governmental authorizations for the activity under consideration from the New York State Department of Environmental Conservation with an effective date of September 16, 2020:

- Tidal Wetland Permit ID 2-9902-00116/00001
- Water Quality Certification Permit ID 2-9902-00116/00002
- Excavation & Fill in Navigable Waters Permit ID 2-9902-00116/00003

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. Please send

CENAN-OP-RE PUBLIC NOTICE NO. NAN-2020-00920-EMI

all comments and questions concerning this application to Christopher.W.Minck@usace.army.mil.

In order for us to better serve you, please complete our Customer Service Survey located at <u>http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx</u>.

For more information on New York District Corps of Engineers programs, visit our website at <u>http://www.nan.usace.army.mil</u>.

FOR AND IN BEHALF OF Stephan A. Ryba Chief, Regulatory Branch

Enclosures

CENAN-OP-RE PUBLIC NOTICE NO. NAN-2020-00920-EMI

WORK DESCRIPTION

The permit applicant, Consolidated Edison Company of New York, Inc. (Con Ed), has requested Department of the Army (DA) authorization to construct two (2) microtunnels containing electrical utility cables beneath the Harlem River between Inwood, Borough of Manhattan, New York County, and Fordham Manor, Borough of The Bronx, Bronx County, City of New York, New York

The proposed work would involve the following:

Construct via Horizontal Directional Drilling (HDD) two (2) five-foot diameter steel pipe microtunnels each containing a total of twelve (12) HDPE conduits consisting of eight (8) 13kV electrical utility cables and four (4) vacant spare conduits.

The "Phase 1" microtunnel will be located south of the University Heights Bridge beginning at a 30-foot diameter launching shaft at the Con Ed parking lot along 9th Avenue and W204th Street in Inwood (N:253212.1652°; E:1007043.9434°) and run approximately 775 feet to a 25-foot diameter receiving shaft at the vacant parcel owned by New York City Department of Transportation (NYCDOT) abutting the Major Deegan I-87 expressway in Fordham Manor (N:252662.4950°; E:1007629.5321°). The top of the "Phase 1" microtunnel would be constructed a minimum of 19 feet below the authorized depth of the Harlem River Federal Navigation Channel and will have a minimum of 15 feet of coverage as measured from the top of the pipe to the existing grade.

The "Phase 2" microtunnel will be located north of the University Heights Bridge beginning at a 30-foot diameter launching shaft at the Con Ed cable house located at Exchange Street in Fordham Manor (N:253810.4473°; E:1008505.3837°) and run approximately 1,130 feet to a 25-foot diameter receiving shaft at the New York City Transit Authority (NYCTA) lot at 9th Avenue and W208th Street in Inwood (N:254162.8438°; E:1007402.4767°). The top of the "Phase 2" microtunnel would be constructed a minimum of 25 feet below the authorized depth of the Harlem River Federal Navigation Channel and will have a minimum of 15 feet of coverage as measured from the top of the pipe to the existing grade.

The applicant has stated that they have avoided, minimized, and mitigated for potential impacts proposed, to the maximum extent practicable by utilizing HDD instead of trenching to install the cables, constructing the microtunnels to ensure a minimum of 15 feet of coverage below the deeper of the authorized federal navigation channel or the existing grade, which ever is deeper as measured from the top of the pipe, and by developing a Frac-Out plan in the unlikely event there is an incidental release of slurry. Silt fencing in addition to straw wattles and haybales will be installed to prevent sediment from migrating offsite. There will be no return flow from dewatered material to the waterway as all water will be pumped through a filter bag prior to disposal. All drill cuttings and fluids will be transported off-site for disposal at a state approved upland facility.

The purpose of this project is to increase electrical capacity and ensure system reliability for the New York City electrical grid.

BASTIEI

GARY

2021

DESIGN HARLEM RIVER CROSSING/FIGURE 1 COVERSHEET.DWG LOCUS-AERIAL-2 FEBRUARY 1,

- 30%

CZA-\\CZABUFFALO\CADD\PROJECTS\56900S\56903.00 CONED

ы Ц

GeoEnvironmental,

GZA

1

© 2021





© 2016- GZA GeoEnvironmental, Inc. GZA-\\GZABUFFALO\CADD\PROJECTS\56900S\56903.00 CONED - 30% DESIGN HARLEM RIVER CROSSING\FIGURE 3-10_SMALL FIGS.DWG PH-1 PLAN-4 FEBRUARY 1, 2021 GARY BASTIEN



3 OF 10

© 2016- GZA GeoEnvironmental, Inc. GZA-\\GZABUFFALO\CADD\PROJECTS\56900S\56903.00 CONED - 30% DESIGN HARLEM RIVER CROSSING\FIGURE 3-10_SMALL FIGS.DWG PH-1 PROFILE-5 FEBRUARY 1, 2021 GARY BASTIEN



4 OF 10



© 2016 – GZA GeoEnvironmental, Inc. GZA-\\GZABUFFALO\CADD\PROJECTS\56900S\56903.00 CONED – 30% DESIGN HARLEM RIVER CROSSING\FIGURE 3-10_SMALL FIGS.DWG PH-2_PLAN-6 FEBRUARY 1, 2021 GARY BASTIEN



© 2016- GZA GeoEnvironmental, Inc. GZA-\\GZABUFFALO\CADD\PROJECTS\56900S\56903.00 CONED - 30% DESIGN HARLEM RIVER CROSSING\FIGURE 3-10_SMALL FIGS.DWG PH-2_PROFILE-7 FEBRUARY 1, 2021 GARY BASTIEN



SOILS LEGEND:



LEGEND - WATER LEVEL

MLW	MEAN LOW WATER
MLLW	MEAN LOW LOW WATER
MHW	MEAN HIGH WATER
MHHW	MEAN HIGH HIGH WATER
MHWS	MEAN HIGH WATER SPRING
O/S	BASELINE OFFSET (FEET)
EL.	BOREHOLE SURFACE



NOTE:



PERMITTING ONLY NOT FOR CONSTRUCTION

				30% DESIGN HARLEM RIVER	PREPARED BY:			PREPARED FOR:		
				13KV/ ELECTRICAL EEEDER CROSSINGS	13KV ELECTRICAL EEEDER CROSSINGS				CONSOLIDATED EDISON	
NO.	ISSUE/DESCRIPTION	BY	DATE	HARI FM/BRONX NEW YORK	Engineers and Scientists			OF NEW YORK, INC.		
INLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF					/ www.yza.com					
ZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR SE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT.					PROJ MGP	R: TGB	REVIEWED BY: CAW	CHECKED BY: TGB	FIGURE	
AND LOCA	TION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRAN	ISFERRE	D, REUSED,	PHASE II - NORTH CROSSING CONCEPTUAL PROFILE	DESIGNED	BY: -	DRAWN BY: DEW / GRB	SCALE: AS SHOWN	7	
PURPOSE	WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSI	E, OR M	ODIFICATION		DATE:		PROJECT NO.	REVISION NO.		
TO THE DI GZA, WILI	RAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXF _ BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR I	PRESS C	ONSENT OF Y TO GZA.		FEBRU	ARY, 2021	21.0056903.00		•	

©2016- GZA GeoEnvironmental, Inc. GZA-\\GZABUFFALO\CADD\PROJECTS\56900S\56903.00 CONED - 30% DESIGN HARLEM RIVER CROSSING\FIGURE 3-10_SMALL FIGS.DWG PH-1 ESPC PLANS-8 FEBRUARY 1, 2021 GARY BASTIEN



© 2016 – GZA GeoEnvironmental, Inc. GZA-\\GZABUFFALO\CADD\PROJECTS\56900S\56903.00 CONED – 30% DESIGN HARLEM RIVER CROSSING\FIGURE 3-10_SMALL FIGS.DWG PH-2 ESPC PLANS-9 FEBRUARY 1, 2021 GARY BASTIEN



9 OF 10

© 2016- GZA GeoEnvironmental, Inc. GZA-\\GZABUFFALO\CADD\PROJECTS\56900S\56903.00 CONED - 30% DESIGN HARLEM RIVER CROSSING\FIGURE 3-10_SMALL FIGS.DWG EROSION DETAILS-10 FEBRUARY 1, 2021 GARY BASTIEN

