

STATE OF NEW YORK
DEPARTMENT OF STATE

ONE COMMERCE PLAZA
99 WASHINGTON AVENUE
ALBANY, NY 12231-0001
[HTTPS://DOS.NY.GOV](https://dos.ny.gov)

KATHY HOCHUL
GOVERNOR

ROBERT J. RODRIGUEZ
SECRETARY OF STATE

NYS DEPARTMENT OF STATE
Office of Planning, Development and Community Infrastructure

MEMORANDUM

To: Pauline DiSanto
From: NYS Department of State, Coastal Consistency Unit
Date: 12/8/2023
Re: 2023-0878 Hugh Gereechan-Remove and replace

*

*

*

Enclosed is a copy of the Federal Consistency Assessment form and permit application for the above-referenced project for your information and preliminary review. Please contact the DOS reviewer assigned to this project, at Barbara.Delaney @dos.ny.gov or to discuss applicable LWRP policies and concerns, and any additional information which may be necessary to assist you in reviewing this project.

Any comments you may have will assist the Department in reaching a decision as to the consistency of the proposed action with the approved Croton-on -Hudson LWRP.

We would appreciate hearing from you on this proposed project within 30 days. If we do not hear from you by that date, we will presume that you have no objections to the proposed project.



**Department
of State**

From: [Desanctis, Joseph R. \[Joe\]](#)
To: [dos.sm.Cstl.CR](#)
Cc: [\(nicole.shute@wsp.com\)](#); [myrosia.dragan@wsp.com](#); [Ghabour, Susie](#)
Subject: RE: Croton Point Park Joint Application
Date: Tuesday, December 5, 2023 2:34:34 PM
Attachments: [image001.png](#)
[Croton Point Park Coping Replacement Joint Application.pdf](#)

You don't often get email from joseph.desanctis@wsp.com. [Learn why this is important](#)

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Good Afternoon,

Please find the attached updated Joint Application for the Croton Point Park Bulkhead Wall Coping Replacement project.

Please reach out if a hard copy is required or you have any questions or concerns.

Thank you,
Joe

From: Desanctis, Joseph R. [Joe]
Sent: Tuesday, December 5, 2023 2:16 PM
To: cr@dos.ny.gov
Cc: Shute, Nicole <Nicole.Shute@wsp.com>; Dragan, Myrosia K. <Myrosia.Dragan@wsp.com>; Ghabour, Susie <shga@westchestercountyny.gov>
Subject: Croton Point Park Joint Application

Good Afternoon,

Please find attached a Joint Application for the Croton Point Park Bulkhead Wall Coping Replacement project for Westchester County Department of Public Works & Transportation in Region 3, Westchester County, New York. Please note that NYSDEC provided us with a Notice of No Jurisdiction for the work proposed, which can be supplied upon request.

Please reach out if a hard copy is required or you have any questions or concerns.

Thank you,
Joe



Joe DeSanctis
Assistant Engineer

Office 914-801-0886
Mobile 914-582-1552

Joseph.DeSanctis@wsp.com

WSP USA Inc.
500 Summit Lake Drive
4th Floor, Suite 450
Valhalla, NY 10595

wsp.com

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JOINT APPLICATION FORM

For Permits for activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:

>NYS Department of Environmental Conservation

☐ Check here to confirm you sent this form to NYSDEC.

Check all permits that apply:

☐ Stream Disturbance

☐ Dams and Impoundment Structures

☐ Tidal Wetlands

☐ Water Withdrawal

☐ Excavation and Fill in Navigable Waters

☐ 401 Water Quality Certification*

☐ Wild, Scenic and Recreational Rivers

☐ Long Island Well

☐ Docks, Moorings or Platforms

☐ Freshwater Wetlands

☐ Coastal Erosion Management

☐ Incidental Take of Endangered / Threatened Species

* See Instructions (page 3)

>US Army Corps of Engineers

☒ Check here to confirm you sent this form to USACE.

Check all permits that apply:

☐ Section 404 Clean Water Act

☐ Section 10 Rivers and Harbors Act

Is the project Federally funded?

Yes

☒ No

If yes, name of Federal Agency:

General Permit Type(s), if known:

Nationwide Permit 3 - Maintenance

Preconstruction Notification:

Yes

☒ No

>NYS Office of General Services

☐ Check here to confirm you sent this form to NYSOGS.

Check all permits that apply:

☐ State Owned Lands Under Water

☐ Utility Easement (pipelines, conduits, cables, etc.)

☐ Docks, Moorings or Platforms

>NYS Department of State

☒ Check here to confirm you sent this form to NYSDOS.

Check if this applies:

☒

Coastal Consistency Concurrence

2. Name of Applicant

Hugh Greechan, Commissioner of Westchester County DPW&T

Taxpayer ID (if applicant is NOT an individual)

Mailing Address

148 Martine Ave

Post Office / City

White Plains

State

NY

Zip

10601

Telephone (914) 995-2546

Email hjg7@westchestercountyny.gov

Applicant Must be (check all that apply):

☒

Owner

☒

Operator

☐

Lessee

3. Name of Property Owner (if different than Applicant)

Mailing Address

Post Office / City

State

Zip

Telephone

Email

For Agency Use Only

Agency Application Number:

4. Name of Contact / Agent

WSP USA Inc. - Joseph DeSanctis

Mailing Address

500 Summit Lake Drive, Suite 450

Post Office / City

Valhalla

State

NY

Zip

10595

Telephone (914) 801-0886

Email Joseph.DeSanctis@wsp.com

5. Project / Facility Name

Croton Point Park Bulkhead Wall Coping Replacement

Property Tax Map Section / Block / Lot Number:

89.12-1-1

Project Street Address, if applicable

1 Croton Point Park Ave.

Post Office / City

Croton-on-Hudson

State

NY

Zip

10520

Provide directions and distances to roads, intersections, bridges and bodies of water

Enter Croton Point Park via Croton Point Avenue. Keep right after the toll booth for 3,000 ft towards the western most parking lot located between the North and South Playgrounds. Follow the asphalt path located at the south end of the parking lot towards the Hudson river bulkhead wall.

Town ☒ Village

City

County

Stream/Waterbody Name

Croton

Westchester

Hudson River

Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:

Latitude: 41 10 52.3N Longitude: -73 54 01.1W

6. Project Description: Provide the following information about your project. Continue each response and provide any additional information on other pages. **Attach plans on separate pages.**

a. Purpose of the proposed project:

To replace the concrete coping on the Croton Point Park seawall along the Hudson River. The existing seawall coping was damaged and pushed off the existing seawall during the remnants of Hurricane Ida, which hit the area in the fall of 2021.

b. Description of current site conditions:

Remaining structures includes the seawall along the Hudson River. Two sections of coping, measuring approximately 404 ft and 23 ft in length, disconnected from the bulkhead resulting from broken Z-angle steel connections that fastened the coping segments to the bulkhead wall. Some of the existing z-angles that connected the concrete coping to the seawall remain on the seawall, although most are damaged and/or broken. A dip in the grading of approximately 3" deep by 15" wide behind the bulkhead wall in the lengths of damaged coping appear to have been caused by settlement or washout due to the storm. This area is also bare of grass or vegetation.

c. Proposed site changes:

The existing seawall will remain, and the existing concrete coping will be removed and disposed. The damaged/displaced existing precast concrete coping segments will not be returned to their original position. They will instead be replaced by a new hybrid system employing both precast and cast-in-place elements to ensure better stability, rigidity, and connection to the seawall sheeting. Improvements include providing a larger coping "tail", buried in the fill behind the seawall and completely encasing the new steel connections to the seawall.

d. Type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material, structures below ordinary/mean high water, etc.):

80 CY of cast-in-place concrete will be placed behind the seawall for the hybrid coping system. 11 CY of topsoil, 96 SY of turf establishment, and 20 CY of crushed gravel will be placed behind the seawall the grade between the hybrid copings system and the surrounding existing grade. There will be no area of fill below the MHW elevation.

e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:

20 CY (475 SF along the proposed 430 ft. project area) will be excavated removing the existing back-fill to accommodate the volume of the proposed cast-in-place concrete segment of the hybrid coping system.

f. Is tree cutting or clearing proposed? Yes If Yes, explain below. ☒ No

Timing of the proposed cutting or clearing (month/year): N/A

Number of trees to be cut: 0 Acreage of trees to be cleared: 0

g. Work methods and type of equipment to be used:

Typical construction methods and equipment for material delivery, precast concrete and installation of proposed concrete are anticipated. However, the exact means and methods of proposed equipment to be used will be determined by the contractor. Expected equipment used by the contractor will likely include dump trucks, concrete pumps, welding tools, backhoe, bucket truck or scissor lift, crane, excavator, etc.

h. Describe the planned sequence of activities:

Install erosion and sediment control measures. Remove and dispose of existing damaged concrete coping segments. Excavate grade/back-fill behind the seawall sheeting. install form-work for cast-in-place concrete segments. Remove existing z-angle segments. Install shear studs. Install cast-in-place concrete rebar reinforcement. Install precast concrete segment. Pour cast-in-place concrete. Remove cast-in-place concrete form-work. Place embankment in place, topsoil, and seeding land-side of the sheeting. Remove erosion and sediment control measures.

i. Pollution control methods and other actions proposed to mitigate environmental impacts:

Turbidity curtains and silt fences will be installed in the construction site to protect the Hudson River.

j. Erosion and silt control methods that will be used to prevent water quality impacts:

Turbidity curtains and silt fences will be installed in the construction site to protect the Hudson River.

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:

The project will minimize impacts by not employing any excavation or excavation services below the MHW level. Moreover, no work will required within the Hudson River.

l. Proposed use: ☐ Private ☒ Public ☐ Commercial

m. Proposed Start Date: September 1, 2024 Estimated Completion Date: October 31, 2024

n. Has work begun on project? Yes If Yes, explain below. ☒ No

No.

o. Will project occupy Federal, State, or Municipal Land? ☒ Yes If Yes, explain below. ☐ No

Yes, the project site is owned by Westchester County.

p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:

Notice of No Jurisdiction NYSDEC ID: 3-5522-00064/00009

q. Will this project require additional Federal, State, or Local authorizations, including zoning changes?

☐ Yes If Yes, list below. ☒ No

7. Signatures.

Applicant and Owner (If different) must sign the application. If the applicant is the landowner, the **landowner attestation form** can be used as an electronic signature as an alternative to the signature below, if necessary. Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

Signature of Applicant



Date

12.4.2023

Applicant Must be (check all that apply): ☐ Owner ☐ Operator ☐ Lessee

Printed Name

Gayle Katman, WC DPWT

Title

WC DPWT Dep. Comm.

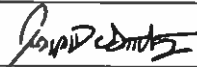
Signature of Owner (if different than Applicant)

Date

Printed Name

Title

Signature of Contact / Agent



Date

10/20/2023

Printed Name

Joseph DeSanctis

Title

Assistant Civil Engineer

For Agency Use Only

DETERMINATION OF NO PERMIT REQUIRED

Agency Application Number

(Agency Name) has determined that No Permit is required from this Agency for the project described in this application.

Agency Representative:

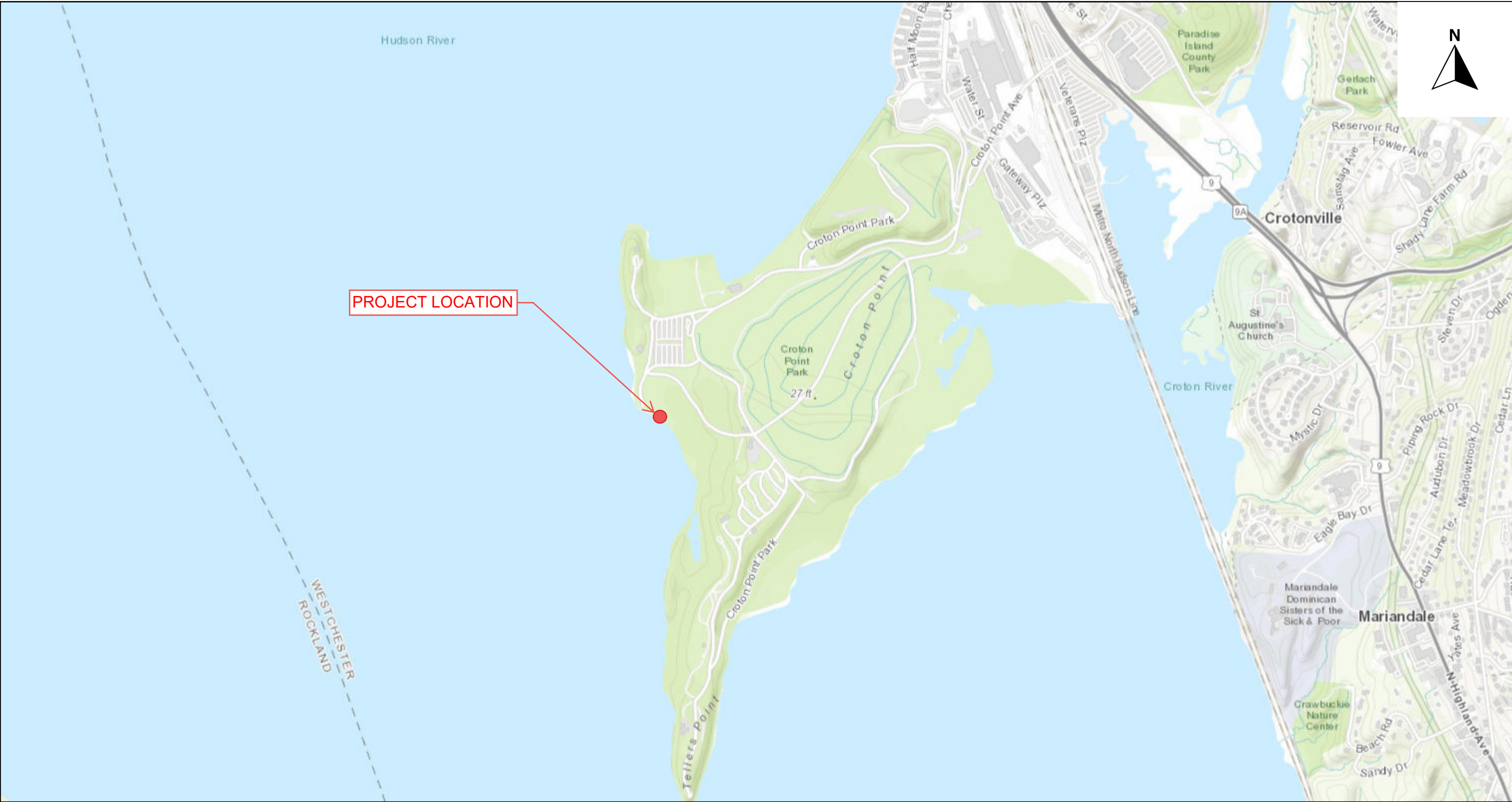
Printed Name

Title

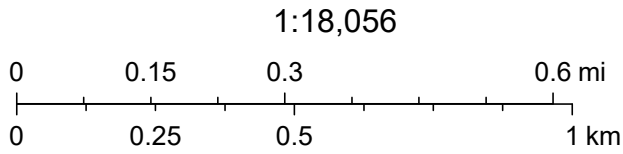
Signature

Date

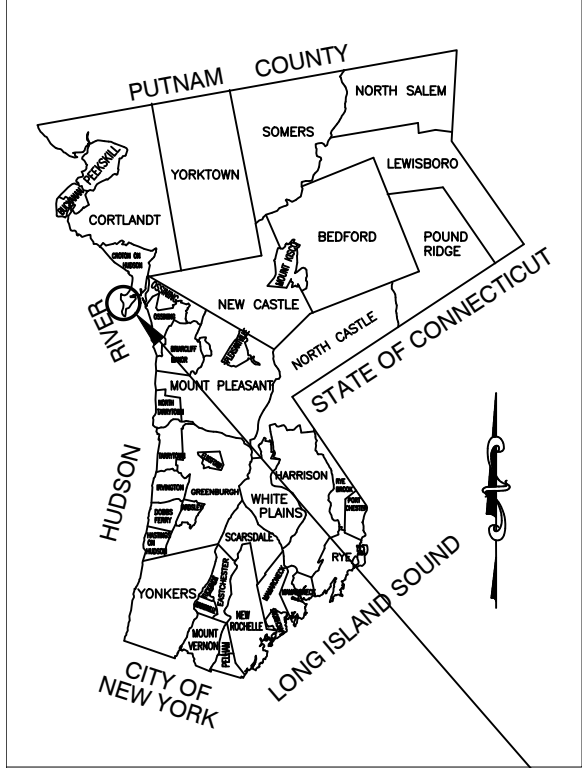
CROTON POINT PARK SEAWALL BULKHEAD REPAIR



October 24, 2023



County of Westchester, State of New Jersey, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA



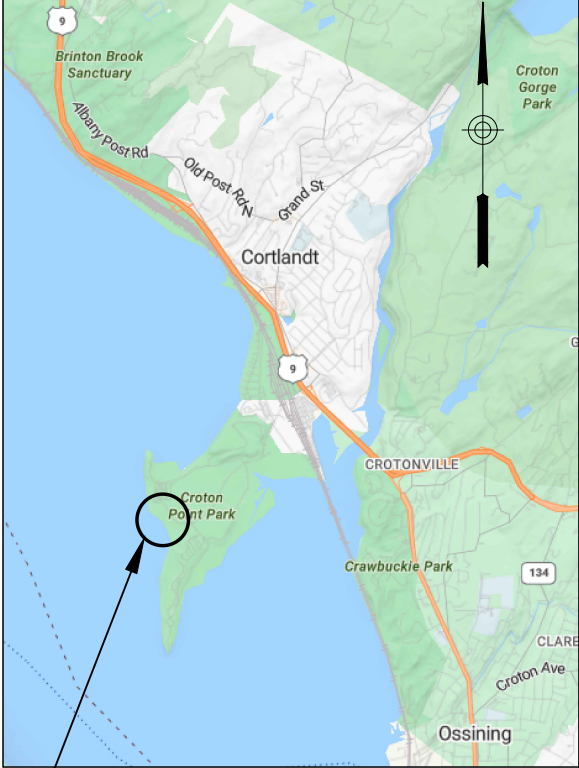
WESTCHESTER COUNTY

PROJECT LOCATION



WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT No. 02-545-REV
CROTON POINT PARK
BULKHEAD WALL COPING REPLACEMENT
CROTON POINT PARK
CROTON-ON-HUDSON, NEW YORK



LOCATION MAP

SCALE: N.T.S.

PROJECT LOCATION

NYS DOT STANDARD SHEET(S)

BY REFERENCE THE FOLLOWING NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SHEETS ARE INCLUDED IN THE DRAWINGS FOR THIS PROJECT: (TO BE FURNISHED TO THE ENGINEER IN THE FIELD AND PAID FOR BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION).

209-01, 209-06, 619-001, 619-002, 619-010, 619-011.

INCLUDED IN THIS APPLICATION

SHEET NO.

SHEET TITLE

DPW FILE NO.

X

T-001

TITLE SHEET

##-##-X-###

L-001

LEGENDS, ABBREVIATIONS, AND ESTIMATE OF QUANTITIES

##-##-X-###

GN-001

GENERAL NOTES

##-##-X-###

X

CN-001

GENERAL, ACCESS, EROSION & SEDIMENT CONTROL, AND CONSTRUCTION SEQUENCE PLAN

##-##-X-###

S-001

EXISTING CONCRETE COPING DETAILS

##-##-X-###

X

S-002

PROPOSED CONCRETE COPING DETAILS

##-##-X-###

X

D-001

EXCAVATION AND RESTORATION DETAILS

##-##-X-###



WSP USA • 500 Summit Lake Drive, Suite 450 • Valhalla, NY 10595 • 914.747.1120

IN CHARGE OF NICOLE SHUTE
CHECKED BY MYROSIA DRAGAN
MADE BY JOSEPH DESANTIS

RECOMMENDED FOR CONSTRUCTION _____ DATE _____
ANGELO SGOBBO P.E.
DIRECTOR OF DESIGN COORDINATION
DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION

RECOMMENDED FOR CONSTRUCTION _____ DATE _____
GAYLE M. KATZMAN, P.E.
FIRST DEPUTY COMMISSIONER
DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION

APPROVED FOR CONSTRUCTION _____ DATE _____
KATHLEEN O'CONNOR
COMMISSIONER
DEPARTMENT OF PARKS, RECREATION
AND CONSERVATION

APPROVED FOR CONSTRUCTION _____ DATE _____
HUGH J. GREECHAN, JR., P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS
AND TRANSPORTATION

IT IS A VIOLATION OF NYS LAW FOR ANY PERSON TO ALTER THIS DOCUMENT IN ANY WAY, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER. IF A DOCUMENT BEARING THE SEAL OF AN ENGINEER IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE DOCUMENT THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION
RECORD DRAWING CERTIFICATION				
☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES				
CONTRACTOR			PROJECT COORDINATOR	
NAME _____			NAME _____	
SIGNATURE _____			SIGNATURE _____	
TITLE _____			TITLE _____	
DATE _____			DATE _____	
WESTCHESTER COUNTY, NEW YORK			CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION			02-545-REV	T-001
DIVISION OF ENGINEERING			SHEET NO. 1	OF 7
CROTON POINT PARK			SCALE: AS SHOWN	
BULKHEAD WALL COPING REPLACEMENT			DATE: DECEMBER 2023	
TITLE SHEET			DPW FILE NO.	REV. NO.
			##-##-X-###	0

WORK ZONE CONTROL NOTES:

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING SILT FENCES, AND TURBIDITY CURTAINS.
2. REMOVE EXISTING DAMAGED CONCRETE COPING SEGMENTS. THE CONTRACTOR SHALL INSURE THAT THE SEGMENTS SHALL BE DISPOSED OF IN A PERMITTED CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT OR PROCESSING FACILITY.
3. EXCAVATE EXISTING GRADE BEHIND THE EXISTING SEAWALL SHEETING FOR THE INSTALLATION OF THE CAST-IN-PLACE CONCRETE SEGMENT.
4. REMOVE EXISTING Z-ANGLE SEGMENTS AND INSTALL SHEAR STUDS TO THE EXISTING SEAWALL SHEETING LANDSIDE.
5. INSTALL FORMWORK FOR CAST-IN-PLACE CONCRETE PRIOR TO THE INSTALLATION OF THE PRECAST CONCRETE SEGMENT. CONTRACTOR SHALL ENSURE THAT FORMWORK IS SEALED AS NECESSARY (INCLUDING THE USE OF A PRE-MOLDED JOINT FILLER) AND DOES NOT ALLOW ANY CONCRETE TO LEAK INTO THE RIVER. INSTALL REBAR FOR THE CAST-IN-PLACE CONCRETE SEGMENT ACCOUNTING FOR THE EVENTUAL LOCATION OF THE PROTRUDING DOWELS PRESENT IN THE PRECAST CONCRETE SEGMENTS.
6. INSTALL AND SECURE NEW PRECAST CONCRETE COPING SEGMENTS ON THE EXISTING SEAWALL.
7. POUR CAST-IN-PLACE CONCRETE BELOW THE PREVIOUSLY INSTALLED PRECAST CONCRETE SEGMENTS.
8. REMOVE APPROPRIATE AND UNNECESSARY CAST-IN-PLACE CONCRETE FORMWORK AFTER THE CAST-IN-PLACE CONCRETE HAS CURED.
9. PLACE EMBANKMENT IN PLACE, TOPSOIL AND SEEDING LANDSIDE OF THE SHEETING BEHIND THE NEWLY INSTALLED COPING. REGRADE THE ADJACENT AREA TO MEET THE EXISTING GRADE.
10. REMOVE THE SEDIMENT CONTROL MEASURES AND TEMPORARY PLASTIC BARRIER FENCE.
11. RESTORE UNPAVED SURFACES OF THE CONSTRUCTION ACCESS ROUTE WHEN WORK IS COMPLETE.

1. CONTRACTOR SHALL SECURE WORK ZONES AND STAGING AREAS WITH FENCING OR CONSTRUCTION BARRICADES TO PREVENT PUBLIC ACCESS.
2. WARNING SIGNS STATING "DANGER WORK ZONE" SHALL BE MOUNTED ON FENCING OR CONSTRUCTION BARRICADES AND SHALL FACE PATHS SO AS TO BE EASILY VISIBLE TO PATH USERS.
3. SEPARATE PAYMENT SHALL NOT BE MADE FOR THE WORK DESCRIBED IN THIS SECTION. CONTRACTOR SHALL INCLUDE COST OF WORK ZONE TRAFFIC CONTROL IN THE VARIOUS CONTRACT PAY ITEMS.



Group	Percentage (%)
All respondents	40
Non-unionized workers	45
Unionized workers	35
Employees of the public sector	40



IN CHARGE OF N.S.
CHECKED BY M.D.
MADE BY J.D.

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

☐ AS BUILT - CHANGES AS NOTED
☐ AS BUILT - NO CHANGES

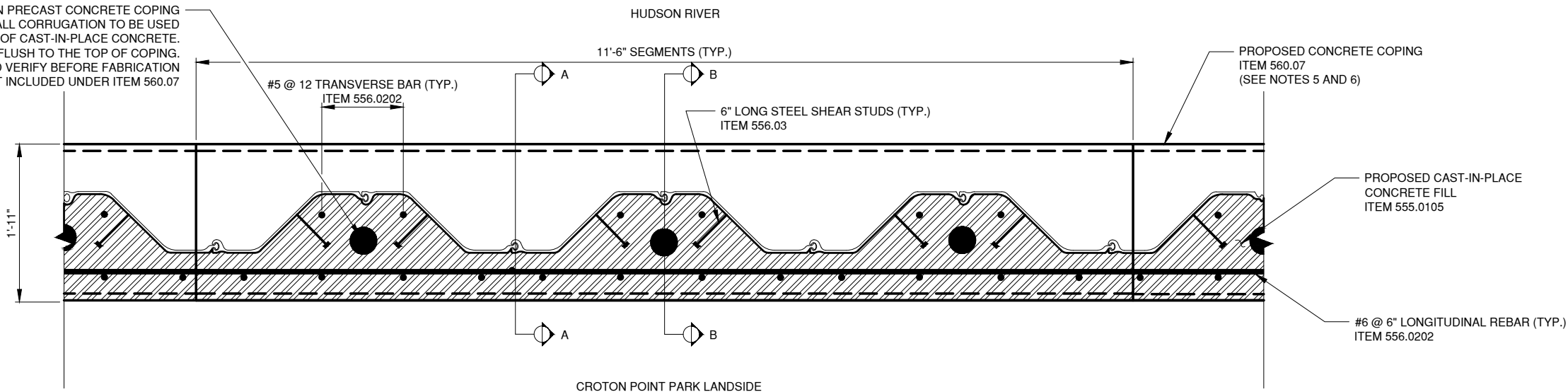
CONTRACTOR
 NAME _____
 SIGNATURE _____
 TITLE _____ DATE _____

NAME _____
SIGNATURE _____
TITLE _____ DATE _____

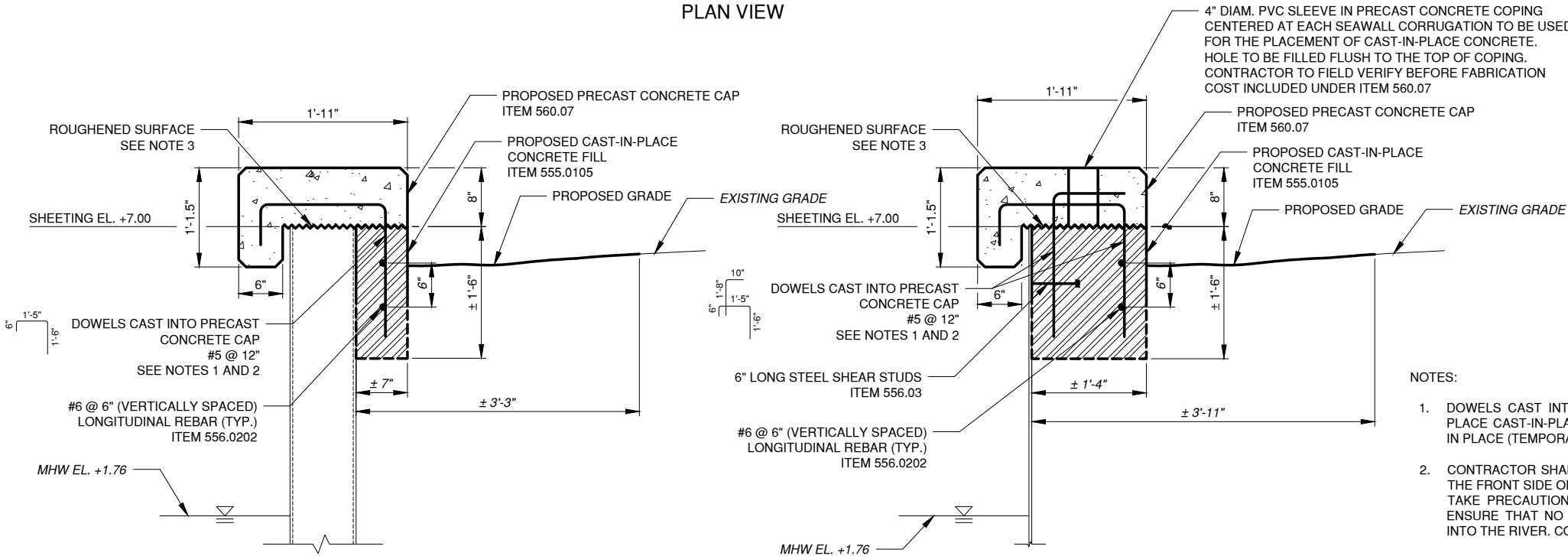
CROTON POINT PARK
BULKHEAD WALL COPING REPLACEMENT
GENERAL, ACCESS, EROSION & SEDIMENT CONTROL, AND
CONSTRUCTION SEQUENCE PLAN

CONTRACT NUMBER	SHEET NUMBER
02-545-REV	CN-001
SHEET NO. 4 OF 7	
SCALE: 1"=40'	
DATE: DECEMBER 2023	
DPW FILE NO.	REV NO.
##-##-X-##	0

4" DIAM. PVC SLEEVE IN PRECAST CONCRETE COPING CENTERED AT EACH SEAWALL CORRUGATION TO BE USED FOR THE PLACEMENT OF CAST-IN-PLACE CONCRETE. HOLE TO BE FILLED FLUSH TO THE TOP OF COPING. CONTRACTOR TO FIELD VERIFY BEFORE FABRICATION COST INCLUDED UNDER ITEM 560.07

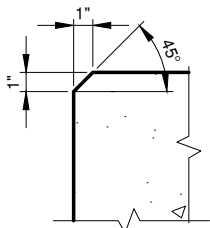


PROPOSED CONCRETE COPING SEGMENT
PLAN VIEW



NOTES:

- DOWELS CAST INTO PRECAST CONCRETE CAP. SUGGESTED SEQUENCE IS TO PLACE CAST-IN-PLACE CONCRETE AFTER PRECAST CONCRETE CAP IS ALREADY IN PLACE (TEMPORARY SUPPORT IS REQUIRED)
- CONTRACTOR SHALL ENSURE THAT FORMWORK IS SEALED AS NECESSARY AND THE FRONT SIDE OF THE SHEETING SHALL BE WATER-TIGHT. CONTRACTOR SHALL TAKE PRECAUTIONS INCLUDING THE USE OF A PRE-MOLDED JOINT FILLER TO ENSURE THAT NO CONCRETE SEEPS OR LEAKS THROUGH THE SHEETING AND INTO THE RIVER. COST INCLUDED UNDER ITEM 555.01015.
- CONTRACTOR SHALL TAKE STEPS NECESSARY TO ENSURE FULL CONTACT AND FULL BOND BETWEEN PRECAST CONCRETE AND CAST-IN-PLACE CONCRETE.
- ALL ELEVATIONS SHOWN ARE WITH RESPECT TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). THE MHW ELEVATIONS WERE PROVIDED BY THE DEC WITH RESPECT TO NAVD 88. THE ELEVATIONS OF THE SHEETING WERE NOTED WITH RESPECT TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29) ON THE RECORD PLANS PROVIDED BY WESTCHESTER COUNTY. A CONVERSION FACTOR OF +1.1 FEET WAS ADDED TO CONVERT THE ELEVATIONS OF THE SHEETING FROM NGVD 29 TO NAVD 88.
- PROPOSED PRECAST CONCRETE COPING SHALL HAVE A TIMBER TEXTURE FINISH TO MATCH EXISTING CONCRETE COPING SEGMENTS.
- COLORING OF PROPOSED PRECAST CONCRETE COPING SEGMENTS SHALL MATCH EXISTING CONCRETE COPING SEGMENTS AS CLOSE AS POSSIBLE.
- CONTRACTOR SHALL PROPOSE CONCRETE INSTALLATION METHODS TO REDUCE THE POTENTIAL OF VOIDS IN THE FORMWORK. CONTRACTOR MAY INCREASE CONCRETE SLUMP UP TO 5" WITH APPROVAL OF CONCRETE MIX DESIGN.



PROPOSED CONCRETE COPING BEVEL DETAIL
N.T.S

0 1 2
SCALE IN FEET

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CHECKED BY M.D.
MADE BY J.D.

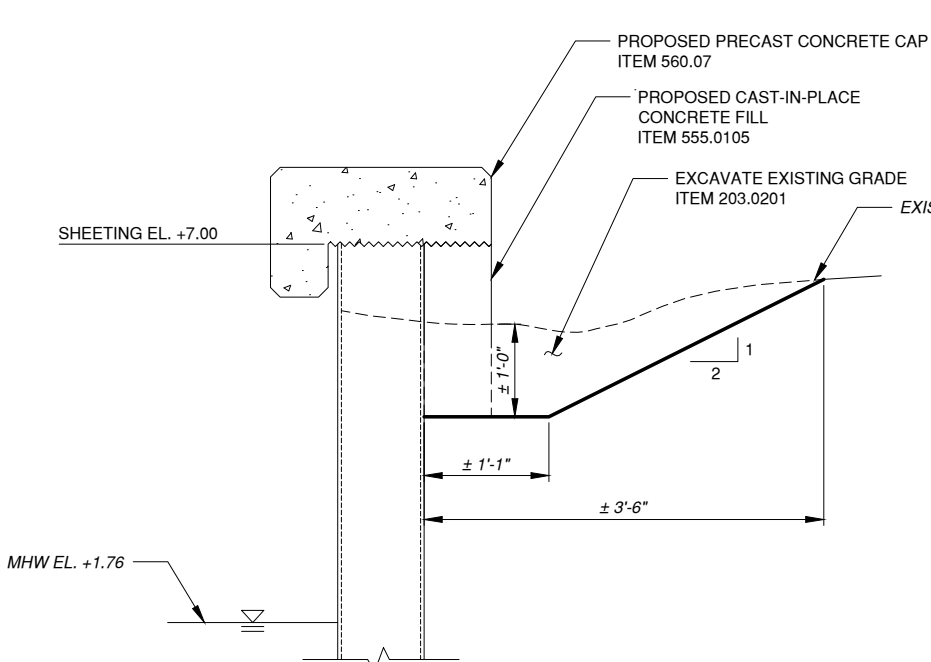
REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
☐ AS BUILT - CHANGES AS NOTED ☐ AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

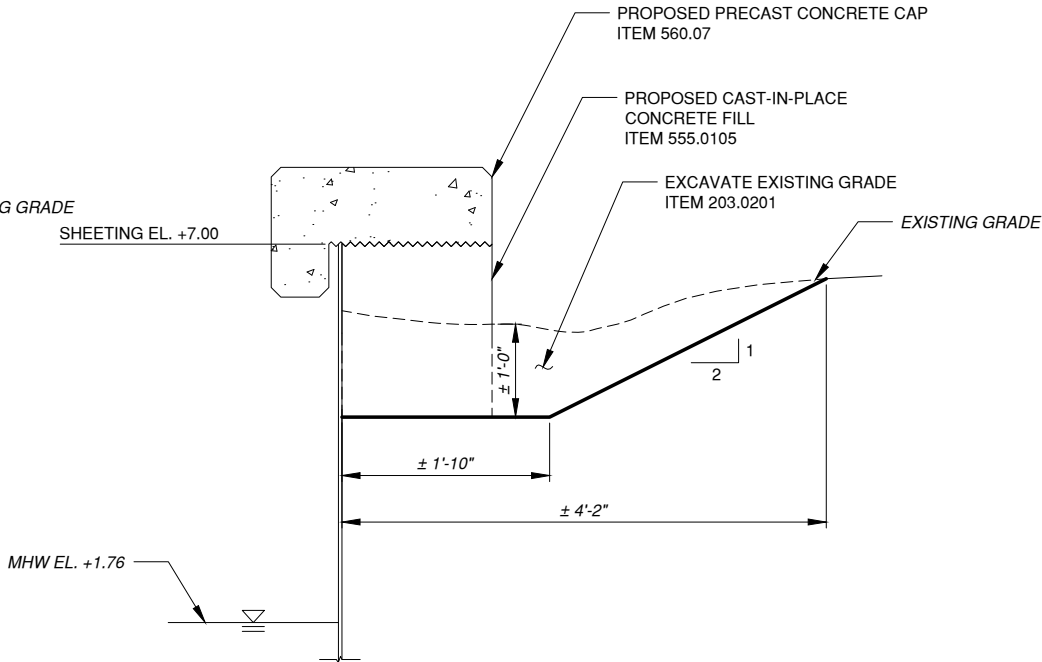
WESTCHESTER COUNTY, NEW YORK	
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION	
DIVISION OF ENGINEERING	
CROTON POINT PARK BULKHEAD WALL COPING REPLACEMENT	
PROPOSED CONCRETE COPING DETAILS	

CONTRACT NUMBER 02-545-REV	SHEET NUMBER S-002
SHEET NO. 6 OF 7	
SCALE: 1:10 DATE: DECEMBER 2023	
DPW FILE NO. ##-##-###	REV. NO. #

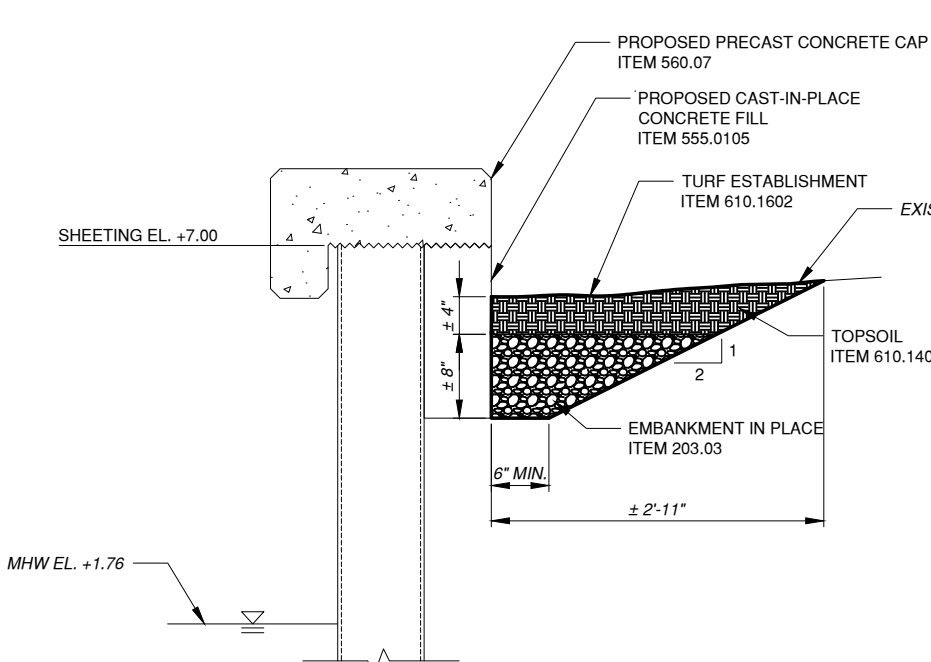
Plotted: Dec 05, 2023 - 10:50am
Drawing Path Name: C:\Users\USJ067~1\AppData\Local\Temp\AcSubsthan_3956\18793516_cpb_dtl_restoration_details.dwg



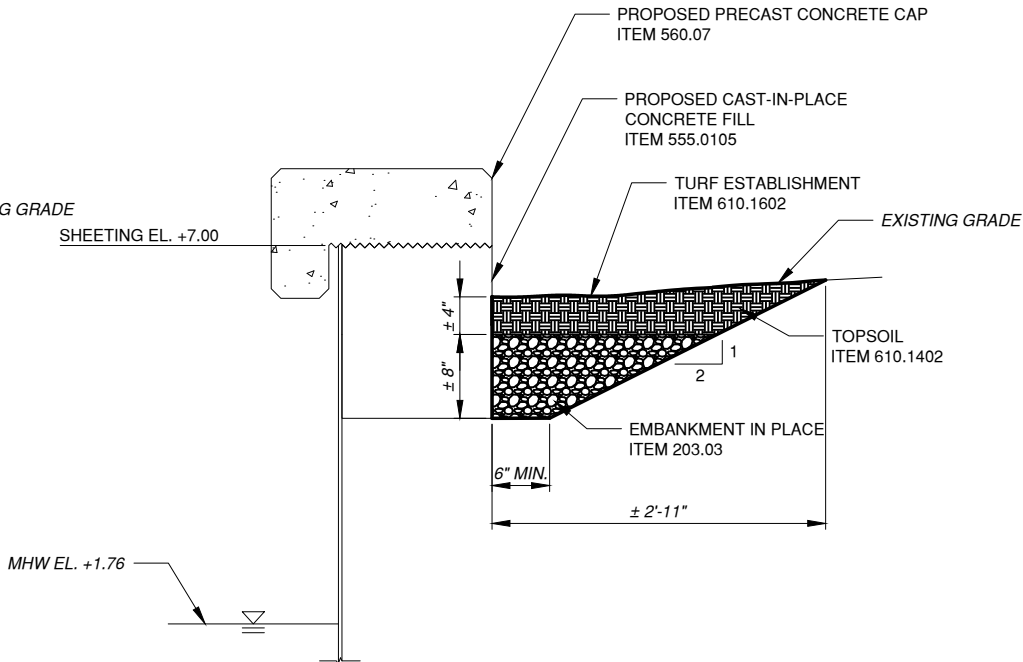
SECTION A-A
PROPOSED CONCRETE COPING SECTION
EXCAVATION DETAIL



SECTION B-B
PROPOSED CONCRETE COPING SECTION
EXCAVATION DETAIL



SECTION A-A
PROPOSED CONCRETE COPING SECTION
FILL DETAIL



SECTION B-B
PROPOSED CONCRETE COPING SECTION
FILL DETAIL



wsp
WSP USA • 500 Summit Lake Drive, Suite 450 • Valhalla, NY 10595 • 914.747.1120

IN CHARGE OF	N.S.
CHECKED BY	M.D.
MADE BY	J.D.

REVISION NUMBER	DATE	MADE BY	APP'D BY	REVISION

RECORD DRAWING CERTIFICATION			
☐ AS BUILT - CHANGES AS NOTED			
☐ AS BUILT - NO CHANGES			
CONTRACTOR		PROJECT COORDINATOR	
NAME		NAME	
SIGNATURE		SIGNATURE	
TITLE		TITLE	
DATE		DATE	

WESTCHESTER COUNTY, NEW YORK		CONTRACT NUMBER	SHEET NUMBER
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION		02-545-REV	D-001
DIVISION OF ENGINEERING		SHEET NO. 7 OF 7	
CROTON POINT PARK		SCALE: 1:10	
BULKHEAD WALL COPING REPLACEMENT		DATE: DECEMBER 2023	
EXCAVATION AND RESTORATION DETAILS		DPW FILE NO.	REV. NO.
		##-##-X-##	#

Photo No. 1

Location:

22 ft. northern
portion, view
north.

Description:

General view
of damaged
concrete
coping on the
northern
portion of the
existing
seawall.



Photo No. 2

Location:

22 ft. northern
portion, view
south.

Description:

General view
of damaged
concrete
coping on the
northern
portion of the
existing
seawall.



Photo No. 3

Location:
430 ft.
southern
portion, view
north.

Description:
General view
of damaged
concrete
coping on the
southern
portion of the
existing
seawall.



Photo No. 4

Location:
430 ft.
southern
portion, view
south.

Description:
General view
of damaged
concrete
coping on the
southern
portion of the
existing
seawall.



Photo No. 5

Location:
430 ft.
southern
portion section
view, view
north.

Description:
Section view of
an existing
displaced and
damaged
concrete
coping
segment.

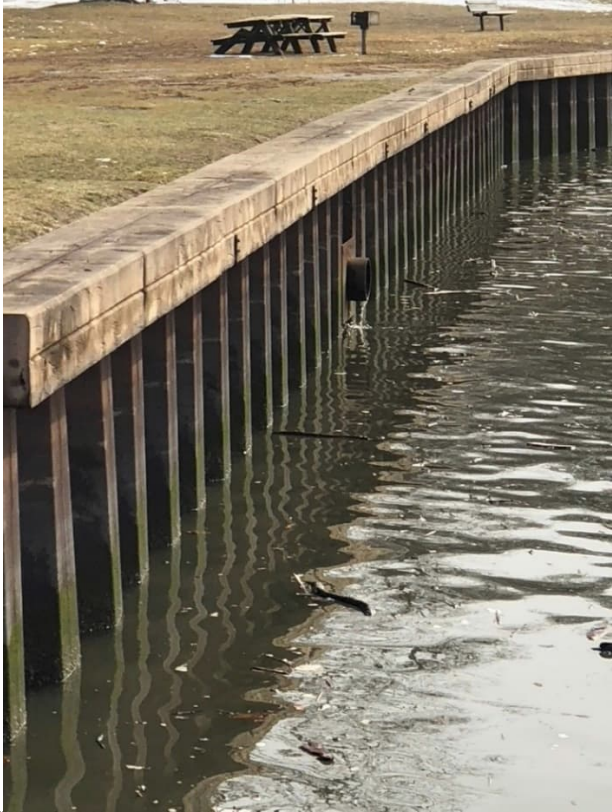


Photo No. 6

Location:
430 ft.
southern
portion,
section view,
view south.

Description:
Section view of
an existing
displaced and
damaged
concrete
coping
segment.



<u>Photo No. 7</u> <u>Location:</u> South elevation, view south. <u>Description:</u> View of existing seawall just south of the project location.	
<u>Photo No. 8</u> <u>Location:</u> 430 ft. southern portion, section view. <u>Description:</u> Section view of a remaining PZ-22 seawall bay.	

<u>Photo No. 9</u> <u>Location:</u> 430 ft. southern portion. <u>Description:</u> Detail view of the broken z- angle connector on existing displaced concrete coping segment.	
<u>Photo No. 10</u> <u>Location:</u> 430 ft. southern portion. <u>Description:</u> Detail view of the broken z- angle connectors on the existing seawall.	

<u>Photo No. 11</u>	
<u>Location:</u> 430 ft. southern portion.	
<u>Description:</u> General view of eroded existing grade.	

NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Federal Consistency Assessment Form

An applicant, seeking a permit, license, waiver, certification or similar type of approval from a federal agency which is subject to the New York State Coastal Management Program (CMP), shall complete this assessment form for any proposed activity that will occur within and/or directly affect the State's Coastal Area. This form is intended to assist an applicant in certifying that the proposed activity is consistent with New York State's CMP as required by U.S. Department of Commerce regulations (15 CFR 930.57). It should be completed at the time when the federal application is prepared. The Department of State will use the completed form and accompanying information in its review of the applicant's certification of consistency.

A. **APPLICANT** (please print)

1. Name: Joseph DeSanctis
2. Address: 500 Summit Lake Drive, 4th Floor, Suite 450, Valhalla, NY, 10595
3. Telephone: Area Code () (914) 801-0886

B. **PROPOSED ACTIVITY:**

1. Brief description of activity:

The project proposes to replace the concrete coping on the Croton Point Park seawall along the Hudson River with a hybrid concrete system. The surrounding grade land-side will be restored. No work will be done in the Hudson River.

2. Purpose of activity:

The existing seawall coping was damaged and pushed off the existing seawall during Hurricane Ida. The proposed solution mitigates this potential failure.

3. Location of activity:

<u>Westchester</u>	<u>Croton-on-Hudson</u>	<u>1 Croton Point Park Ave</u>
County	City, Town, or Village	Street or Site Description

4. Type of federal permit/license required: N/A

5. Federal application number, if known: N/A

6. If a state permit/license was issued or is required for the proposed activity, identify the state agency and provide the application or permit number, if known:

N/A

C. **COASTAL ASSESSMENT** Check either "YES" or "NO" for each of these questions. The numbers following each question refer to the policies described in the CMP document (see footnote on page 2) which may be affected by the proposed activity.

1. Will the proposed activity result in any of the following: YES/NO

- | | | |
|--|--------------------------|-------------------------------------|
| a. Large physical change to a site within the coastal area which will require the preparation of an environmental impact statement? (11, 22, 25, 32, 37, 38, 41, 43) | ☐ | ☒ |
| b. Physical alteration of more than two acres of land along the shoreline, land under water or coastal waters? (2, 11, 12, 20, 28, 35, 44) | ☐ | ☒ |
| c. Revitalization/redevelopment of a deteriorated or underutilized waterfront site? (1) | ☐ | ☒ |
| d. Reduction of existing or potential public access to or along coastal waters? (19, 20) | ☐ | ☒ |
| e. Adverse effect upon the commercial or recreational use of coastal fish resources? (9,10) | ☐ | ☒ |
| f. Siting of a facility essential to the exploration, development and production of energy resources in coastal waters or on the Outer Continental Shelf? (29) | ☐ | ☒ |
| g. Siting of a facility essential to the generation or transmission of energy? (27) | ☐ | ☒ |
| h. Mining, excavation, or dredging activities, or the placement of dredged or fill material in coastal waters? (15, 35) | ☐ | ☒ |
| i. Discharge of toxics, hazardous substances or other pollutants into coastal waters? (8, 15, 35) | ☐ | ☒ |
| j. Draining of stormwater runoff or sewer overflows into coastal waters? (33) | ☐ | ☒ |
| k. Transport, storage, treatment, or disposal of solid wastes or hazardous materials? (36, 39) | ☐ | ☒ |
| l. Adverse effect upon land or water uses within the State's small harbors? (4) | ☐ | ☒ |

2. Will the proposed activity affect or be located in, on, or adjacent to any of the following: YES/NO

- | | | |
|---|-------------------------------------|-------------------------------------|
| a. State designated freshwater or tidal wetland? (44) | ☐ | ☒ |
| b. Federally designated flood and/or state designated erosion hazard area? (11, 12, 17) | ☐ | ☒ |
| c. State designated significant fish and/or wildlife habitat? (7) | ☒ | ☐ |
| d. State designated significant scenic resource or area? (24) | ☐ | ☒ |
| e. State designated important agricultural lands? (26) | ☐ | ☒ |
| f. Beach, dune or Barrier Island? (12) | ☐ | ☒ |
| g. Major ports of Albany, Buffalo, Ogdensburg, Oswego or New York? (3) | ☐ | ☒ |
| h. State, county, or local park? (19, 20) | ☒ | ☐ |
| i. Historic resource listed on the National or State Register of Historic Places? (23) | ☒ | ☐ |

3. Will the proposed activity require any of the following: YES/NO

- | | | |
|--|--------------------------|-------------------------------------|
| a. Waterfront site? (2, 21, 22) | ☐ | ☒ |
| b. Provision of new public services or infrastructure in undeveloped or sparsely populated sections of the coastal area? (5) | ☐ | ☒ |
| c. Construction or reconstruction of a flood or erosion control structure? (13, 14, 16) | ☐ | ☒ |
| d. State water quality permit or certification? (30, 38, 40) | ☐ | ☒ |
| e. State air quality permit or certification? (41, 43) | ☐ | ☒ |

4. Will the proposed activity occur within and/or affect an area covered by a State-approved local waterfront revitalization program, or State-approved regional coastal management program? (see policies in program document*) ☒ ☐

D. ADDITIONAL STEPS

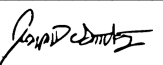
1. If all of the questions in Section C are answered "NO", then the applicant or agency shall complete Section E and submit the documentation required by Section F.

2. If any of the questions in Section C are answered "YES", then the applicant or agent is advised to consult the CMP, or where appropriate, the local waterfront revitalization program document*. The proposed activity must be analyzed in more detail with respect to the applicable state or local coastal policies. On a separate page(s), the applicant or agent shall: (a) identify, by their policy numbers, which coastal policies are affected by the activity, (b) briefly assess the effects of the activity upon the policy; and, (c) state how the activity is consistent with each policy. Following the completion of this written assessment, the applicant or agency shall complete Section E and submit the documentation required by Section F.

E. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with the State's CMP or the approved local waterfront revitalization program, as appropriate. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program, or with the applicable approved local waterfront revitalization program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: **Joseph DeSanctis**
Address: **500 Summit Lake Drive, 4th Floor, Suite 450, Valhalla, NY, 10595**
Telephone: Area Code () **(914) 801-0886**
Applicant/Agent's Signature:  Date: **11/08/2023**

F. SUBMISSION REQUIREMENTS

1. The applicant or agent shall submit the following documents to the **New York State Department of State, Office of Planning and Development, Attn: Consistency Review Unit, One Commerce Plaza-Suite 1010, 99 Washington Avenue, Albany, New York 12231.**

- a. Copy of original signed form.
- b. Copy of the completed federal agency application.
- c. Other available information which would support the certification of consistency.

2. The applicant or agent shall also submit a copy of this completed form along with his/her application to the federal agency.

3. If there are any questions regarding the submission of this form, contact the Department of State at (518) 474-6000.

*These state and local documents are available for inspection at the offices of many federal agencies, Department of environmental Conservation and Department of State regional offices, and the appropriate regional and county planning agencies. Local program documents are also available for inspection at the offices of the appropriate local government.

ATTACHMENT TO THE NEW YORK STATE DEPARTMENT OF STATE COASTAL MANAGEMENT PROGRAM
FEDERAL CONSISTENCY ASSESSMENT FORM

D. ADDITIONAL STEPS

Question C.2.c: State designated significant fish and/or wildlife habitat?

Policy 7 – Significant coastal fish and wildlife habitats, as identified on the coastal area map shall be protected, preserved and, where practical, restored so as to maintain their viability as habitats.

This repair project does not require any **tree cutting or any in-water work**. **Construction will be performed within the September 1st to October 31st window to not interfere with any potential wildlife habitat**. Once completed, the repairs will once again allow the public to safely view these areas from a distance. **NYSDEC has sent a notice of no Jurisdiction** as it was determined that all work appears to be above the mean high-water level. Any necessary measures requested by the State Agency regarding fish and/or wildlife habitat in the area will be adequately incorporated into the project requirements.

Question C.2.h: State, county, or local park?

Policy 19 - protect, maintain, and increase the level and types of access to public water related recreation resources and facilities so that these resources and facilities may be fully utilized in accordance with reasonably anticipated public recreation needs and the protection of historic and natural resources. In providing such access, priority shall be given to public beaches, boating facilities, fishing areas and waterfront parks.

This project will restore the pre-storm access to the County Park. These repairs will help to also preserve the park for future years to come.

Policy 20 – Access to the publicly-owned foreshore and to lands immediately adjacent to the foreshore or the water's edge that are publicly-owned shall be provided, and it should be provided in a manner compatible with adjoining uses. Such lands shall be retained in public ownership.

This project will restore the pre-storm access to the County Park. These repairs will help to also preserve the park for future years to come.

Question C.2.i: Historic resource listed on the National or State Register of Historic Places?

Policy 23 – Protect, enhance and restore structures, districts, areas or sites that are of significance in the history, architecture, archaeology or culture of the State, its communities, or the nation.

The main purpose of this project is to restore existing structures that are an integral part of the Bulkhead wall along Croton Point Park. Repair will replace damaged elements and reinstate the structures to their original function and appearance. Access to other areas of the historic park will once again be restored when the repairs are complete.

Question C.4: Will the proposed activity occur within and/or affect an area covered by a State-approved local waterfront revitalization program, or State approved regional coastal management program?

The main purpose of this project is to restore existing structures that are an integral part of the Bulkhead wall along Croton Point Park. Repair will replace damaged elements and reinstate the structures to their original function and appearance.