



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-2022-00176-EMI**
Issue Date: **March 24, 2022**
Expiration Date: **April 23, 2022**

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) and Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Suffolk County Department of Public Works
335 Yaphank Avenue
Yaphank, New York 11980

ACTIVITY: Ten-Year Maintenance Dredging with Beach Placement

WATERWAY: Stony Brook Harbor

LOCATION: Dredge Location: Stony Brook Harbor, Towns of Brookhaven and Smithtown, Suffolk County, New York

Dredge Material Placement Location: Smithtown Bay Shoreline (Long Beach Peninsula, West Meadow Beach and Old Field Club), Towns of Brookhaven and Smithtown, Suffolk County, 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

CENAN-OP-RE
PUBLIC NOTICE NO. NAN-2022-00176-EMI

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, 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 is not likely to affect any Federally endangered or threatened species or their critical habitat. However, pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

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 proposed work, fully described in the attached work description, could cause the disruption of habitat for various lifestages of some EFH-designated species as a result of a temporary increase in turbidity during construction. However, the New York District has made the preliminary determination that the site-specific adverse effects are not likely to be substantial because it is expected that fish populations would avoid the small area of disturbance. Further consultation with NOAA/FS regarding EFH impacts and conservation recommendations is being conducted and will be concluded prior to the final decision.

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.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision. This public notice serves as notification to the Administrator of the Environmental Protection Agency (EPA) pursuant to section 401(a)(2) of the Clean Water Act. If EPA determines that the proposed discharge may affect the quality of the waters of any state

CENAN-OP-RE
PUBLIC NOTICE NO. NAN-2022-00176-EMI

other than New York, it will so notify such other state, the district engineer, and the applicant. If such notice or a request for supplemental information is not received within 30 days of issuance of this public notice, the district engineer will assume EPA has made a negative determination with respect to section 401(a)(2).

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. By this public notice, we are requesting the state's concurrence with, objection to, or waiver of the applicant's certification. No permit decision will be made until one of these actions occur. For activities within the coastal zone of New York State, the applicant's certification and accompanying information is available from the Consistency Coordinator, New York State Department of State, Division of Coastal Resources and Waterfront Revitalization, Coastal Zone Management Program, One Commerce Plaza, 99 Washington Avenue, Albany, New York 12231, Telephone (518) 474-6000. Comments regarding the applicant's certification, and copies of any letters to this office commenting upon this proposal, should be so addressed.

In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

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 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 <http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx>.

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

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

Enclosures

WORK DESCRIPTION

The permit applicant, Suffolk County Department of Public Works (SCDPW), has requested Department of the Army (DA) authorization to conduct dredging, with ten-years maintenance with placement of all resultant dredged material at two designated beach placement areas. The project is located at Stony Brook Harbor, in the Towns of Brookhaven and Smithtown, Suffolk County, New York.

The proposed work would involve the following:

Maintenance dredge with ten-years maintenance, by hydraulic dredge, approximately 50,000 cubic yards (CY) of material from an approximately 960,935 square foot (22.06 acres) channel system to a depth of five or seven feet below the plane of Mean Low Water (MLW). The approximate slope of the channel system would be 1 to 3. The dredged material would be placed at two designated beach placement areas along the Smithtown Bay shoreline to the northeast of the channel (West Meadow Beach and Old Field Club) and west of the channel (Long Beach Peninsula) via a dredge pipeline.

The channel system consists of the following:

- Yacht Club Spur: Dredge approximately 25,000 CY of material from an approximately 100-foot-wide by 2,400-foot-long channel to a depth of seven feet below the plane of MLW.
- Porpoise Channel: Dredge approximately 6,000 CY of material from an approximately 100-foot-wide by 5,200-foot-long channel to a depth of seven feet below the plane of MLW.
- Porpoise Channel Spur: Dredge approximately 9,000 CY of material from an approximately 100-foot-wide by 1,200-foot-long channel to a depth of seven feet below the plane of MLW.
- Youngs Island: Dredge approximately 10,000 CY of material from an approximately 375-foot-wide by 500-foot-long triangular area to a depth of five feet below the plane of MLW.

The approximately 50,000 CY of material would be placed at either of the two beach nourishment areas, or a combination of both after each dredge event. The volumes and areas below assume the full volume of material will go to one location per dredging event:

- Long Beach Peninsula (Western Area): Approximately 18,700 CY of the total 50,000 CY of dredged material will be placed below the plane of SHW over 240,000 square feet (5.51 acres). The remaining 31,300 CY would be placed landward of the plane of SHW.
- West Meadow Beach and Old Field Club (Northeastern Area): Approximately 12,900 CY of the total 50,000 CY of dredged material will be placed below the plane of SHW over 199,500 square feet (4.58 acres). The remaining 37,100 CY would be placed landward of the plane of SHW.

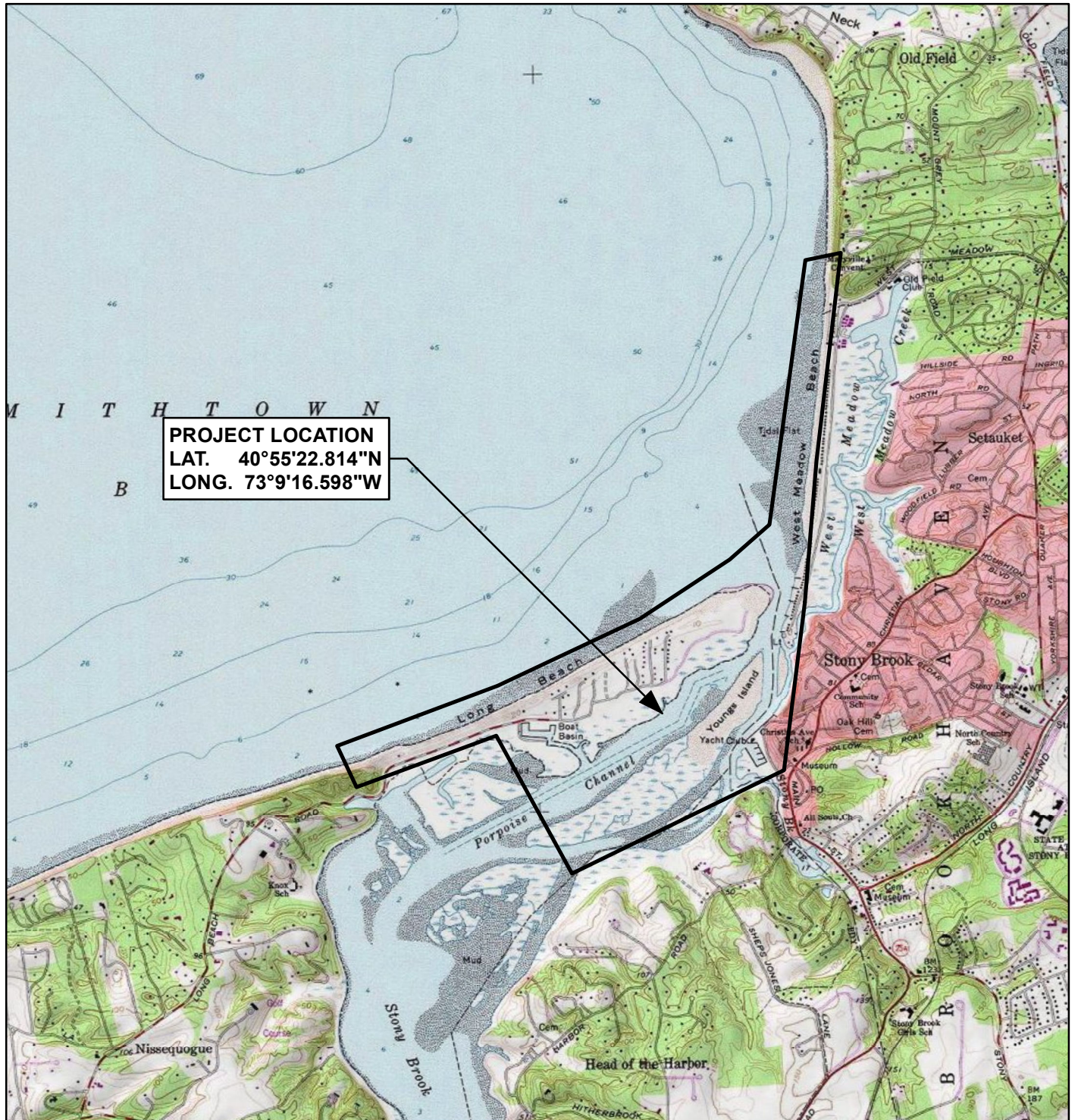
The applicant plans to conduct three (3) additional dredging events within the ten-year maintenance dredging period removing a maximum of approximately 50,000 CY per event from within the same dredging area with beach placement at the above referenced areas.

The applicant has stated that they have avoided, minimized, and mitigated for potential impacts proposed to the maximum extent practicable by limiting the dredged area to the minimum area required for safe and reasonable navigation of Stony Brook Harbor. Any potential impacts would be temporary and would be offset by implementing best management practices associated with

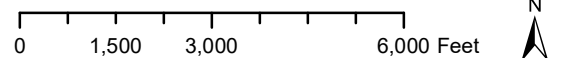
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PUBLIC NOTICE NO. NAN-2022-00176-EMI

the proposed use of a hydraulic dredge and floating pipeline. The use of a hydraulic dredge and floating pipeline would provide the cleanest and least obtrusive method for sediment removal and transport, minimizing to the greatest extent possible any potential adverse effects to the aquatic environment.

The stated purpose of this project is to maintain safe navigable depths for vessel use in the waterway.



SOURCE: SAINT JAMES USGS QUADRANGLES



GEI CONSULTANTS, INC., P. C.
HUNTINGTON STATION, NEW YORK

APPLICATION BY COUNTY OF SUFFOLK
JOSEPH T. BROWN, P.E.
COMMISSIONER
DEPARTMENT OF PUBLIC WORKS

MAINTENANCE DREDGING AT:

STONY BROOK HARBOR

TOWNS OF BROOKHAVEN AND SMITHTOWN
SUFFOLK COUNTY, NEW YORK

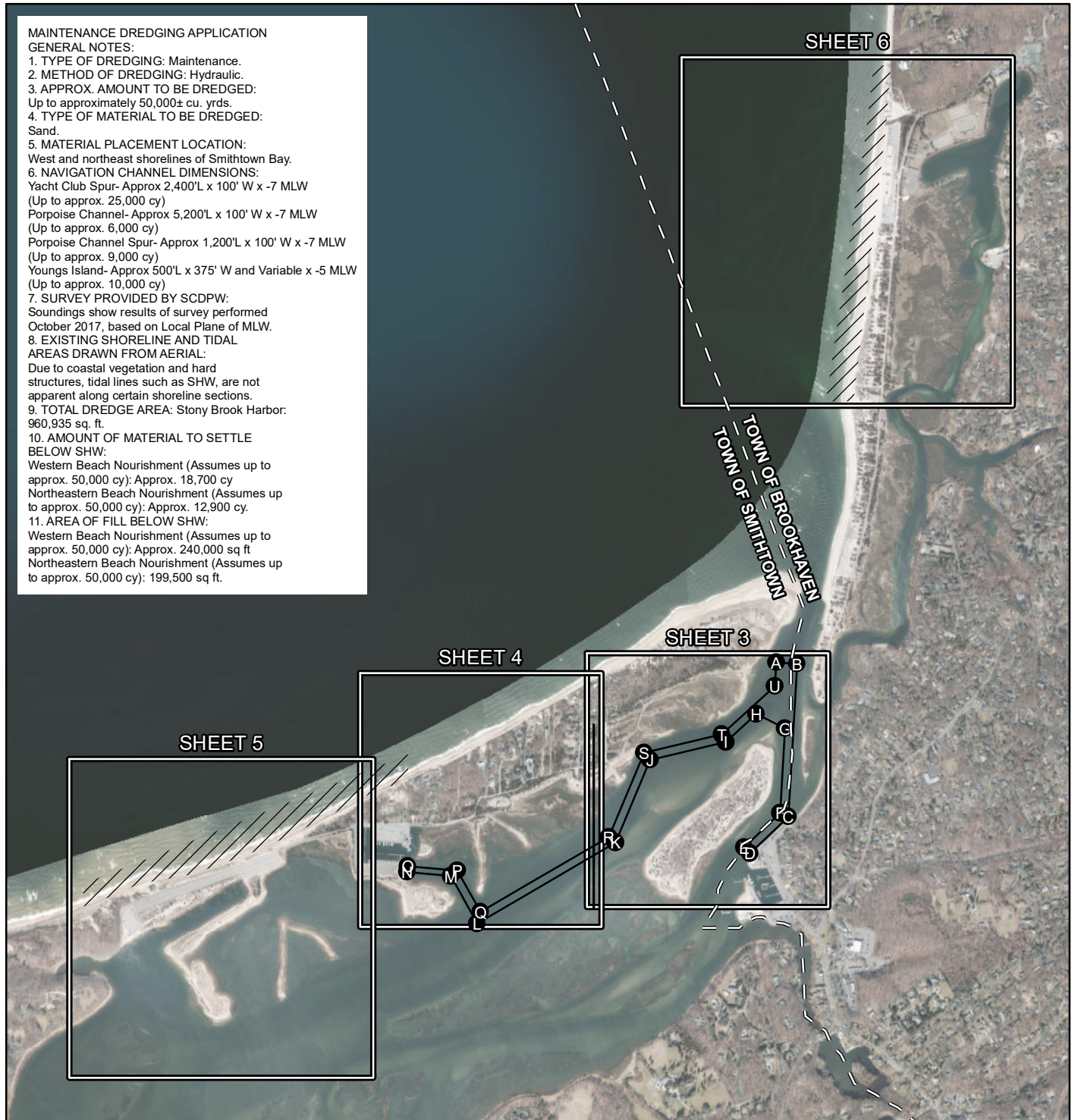
DATE: FEBRUARY 2022

SHEET 1 OF 11

MAINTENANCE DREDGING APPLICATION

GENERAL NOTES:

1. TYPE OF DREDGING: Maintenance.
2. METHOD OF DREDGING: Hydraulic.
3. APPROX. AMOUNT TO BE DREDGED:
Up to approximately 50,000± cu. yds.
4. TYPE OF MATERIAL TO BE DREDGED:
Sand.
5. MATERIAL PLACEMENT LOCATION:
West and northeast shorelines of Smithtown Bay.
6. NAVIGATION CHANNEL DIMENSIONS:
Yacht Club Spur- Approx 2,400'L x 100' W x -7 MLW
(Up to approx. 25,000 cy)
Porpoise Channel- Approx 5,200'L x 100' W x -7 MLW
(Up to approx. 6,000 cy)
Porpoise Channel Spur- Approx 1,200'L x 100' W x -7 MLW
(Up to approx. 9,000 cy)
Youngs Island- Approx 500'L x 375' W and Variable x -5 MLW
(Up to approx. 10,000 cy)
7. SURVEY PROVIDED BY SCDPW:
Soundings show results of survey performed
October 2017, based on Local Plane of MLW.
8. EXISTING SHORELINE AND TIDAL
AREAS DRAWN FROM AERIAL:
Due to coastal vegetation and hard
structures, tidal lines such as SHW, are not
apparent along certain shoreline sections.
9. TOTAL DREDGE AREA: Stony Brook Harbor:
960,935 sq. ft.
10. AMOUNT OF MATERIAL TO SETTLE
BELOW SHW:
Western Beach Nourishment (Assumes up to
approx. 50,000 cy): Approx. 18,700 cy
Northeastern Beach Nourishment (Assumes up
to approx. 50,000 cy): Approx. 12,900 cy.
11. AREA OF FILL BELOW SHW:
Western Beach Nourishment (Assumes up to
approx. 50,000 cy): Approx. 240,000 sq ft
Northeastern Beach Nourishment (Assumes up
to approx. 50,000 cy): 199,500 sq ft.



SOURCE: ESRI WORLD IMAGERY, 2020.

0 875 1,750 3,500 Feet



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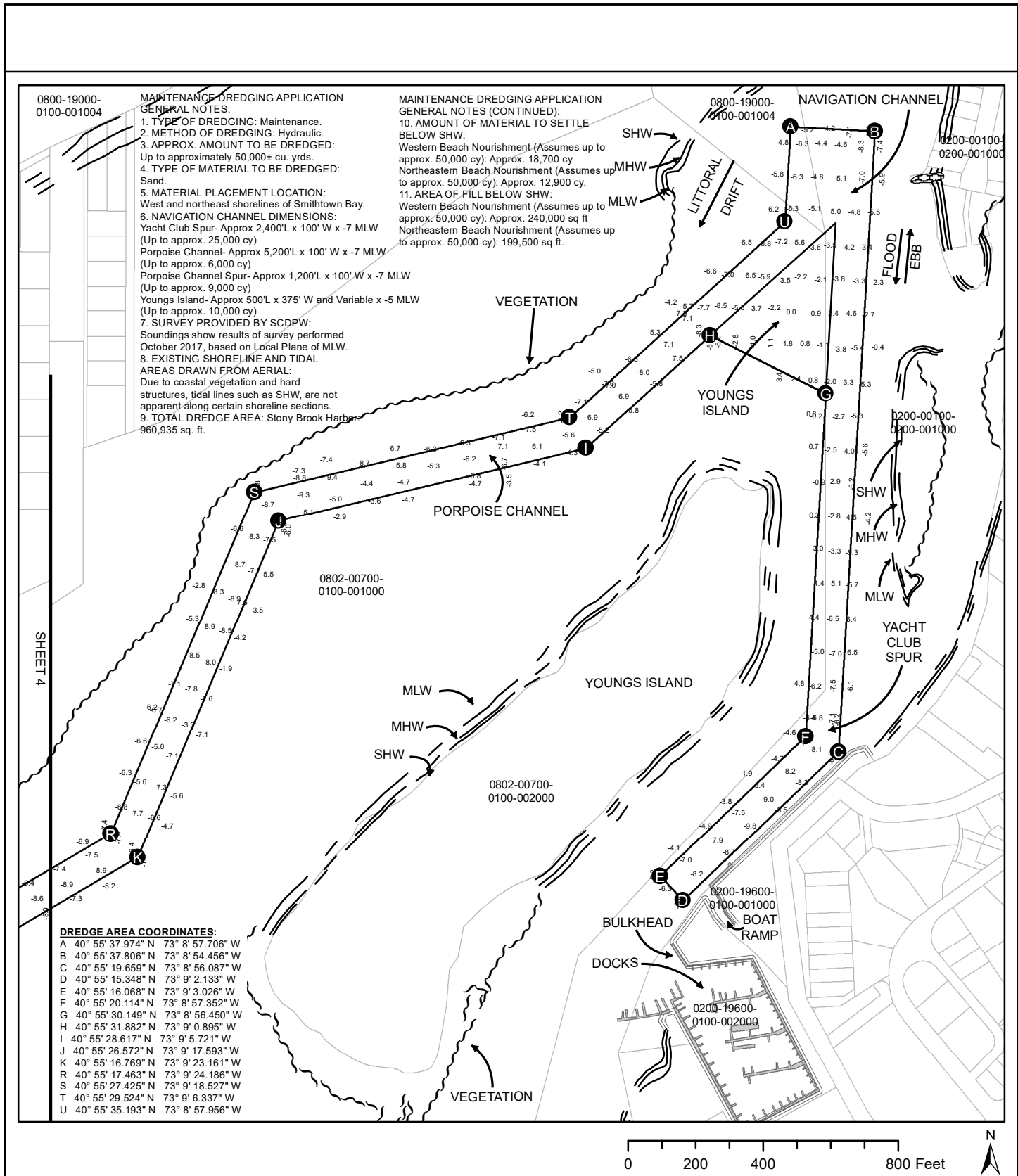
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STONY BROOK HARBOR

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DATE: FEBRUARY 2022

SHEET 2 OF 11



GEI CONSULTANTS, INC., P. C.
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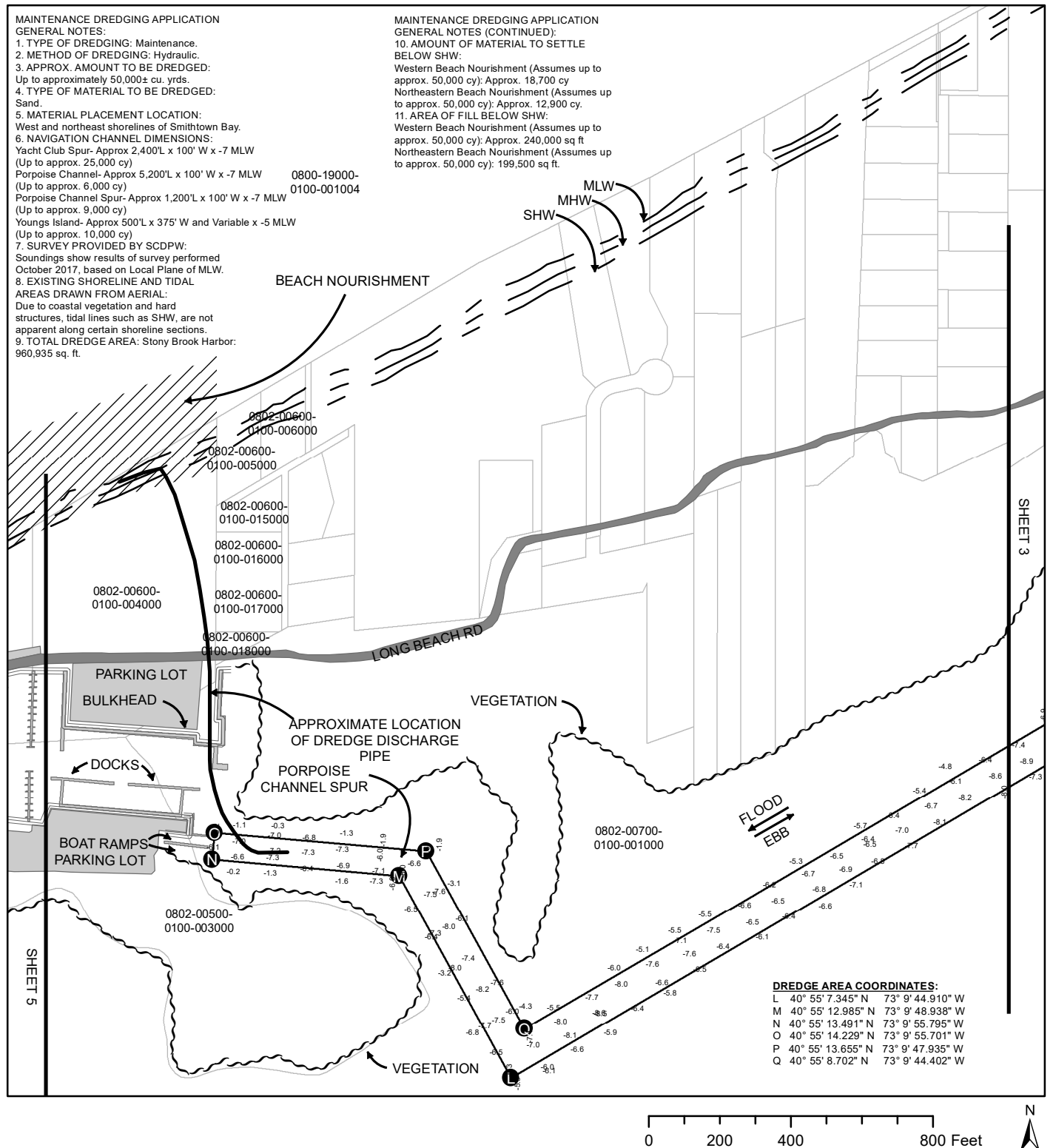
SHEET 3 OF 11

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STONY BROOK HARBOR

TOWNS OF BROOKHAVEN AND SMITHTOWN
SUFFOLK COUNTY, NEW YORK

DATE: FEBRUARY 2022

SHEET 4 OF 11

MAINTENANCE DREDGING APPLICATION

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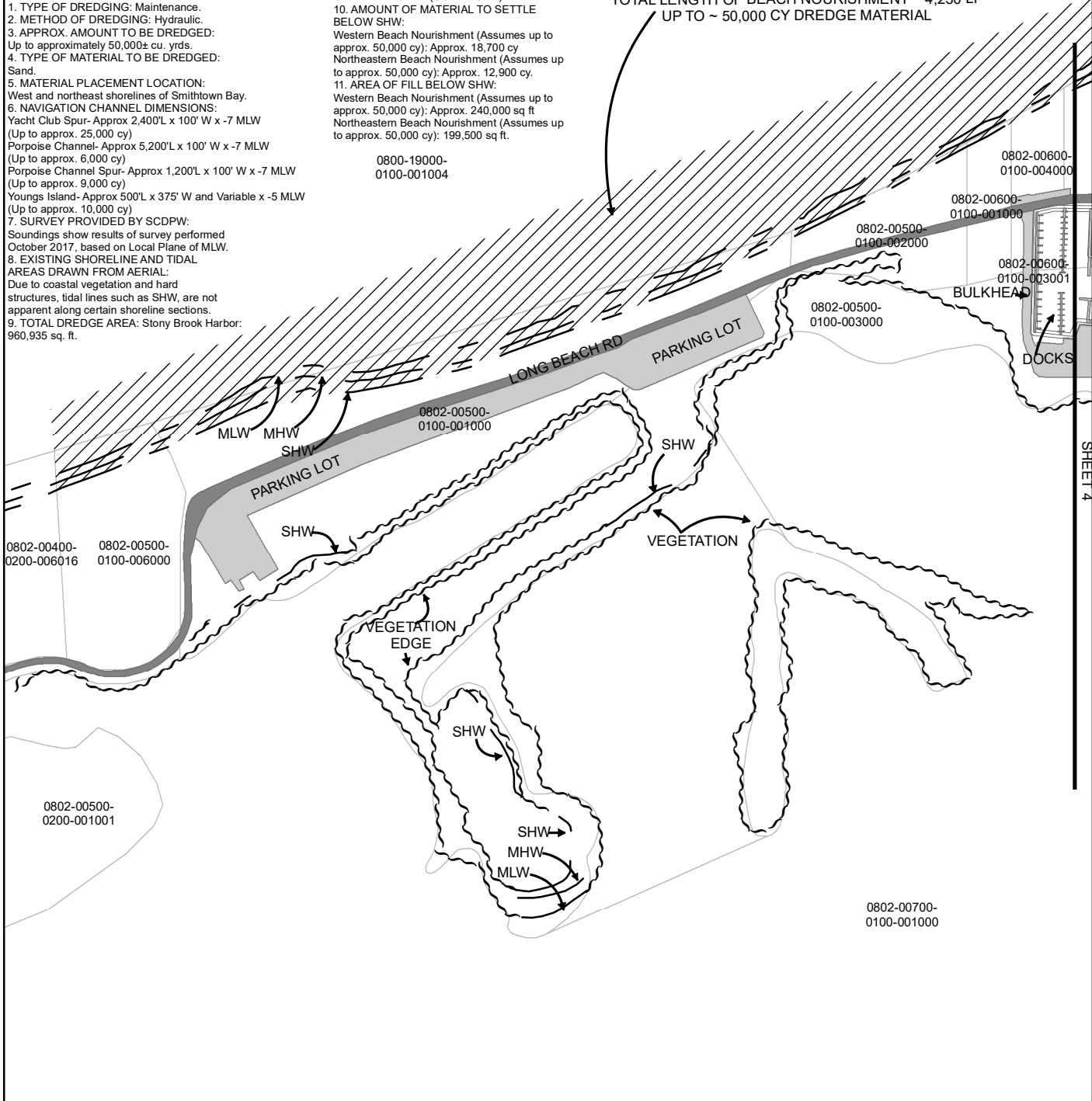
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BEACH NOURISHMENT
TOTAL LENGTH OF BEACH NOURISHMENT ~ 4,230 LF
UP TO ~ 50,000 CY DREDGE MATERIAL



SHEET 4



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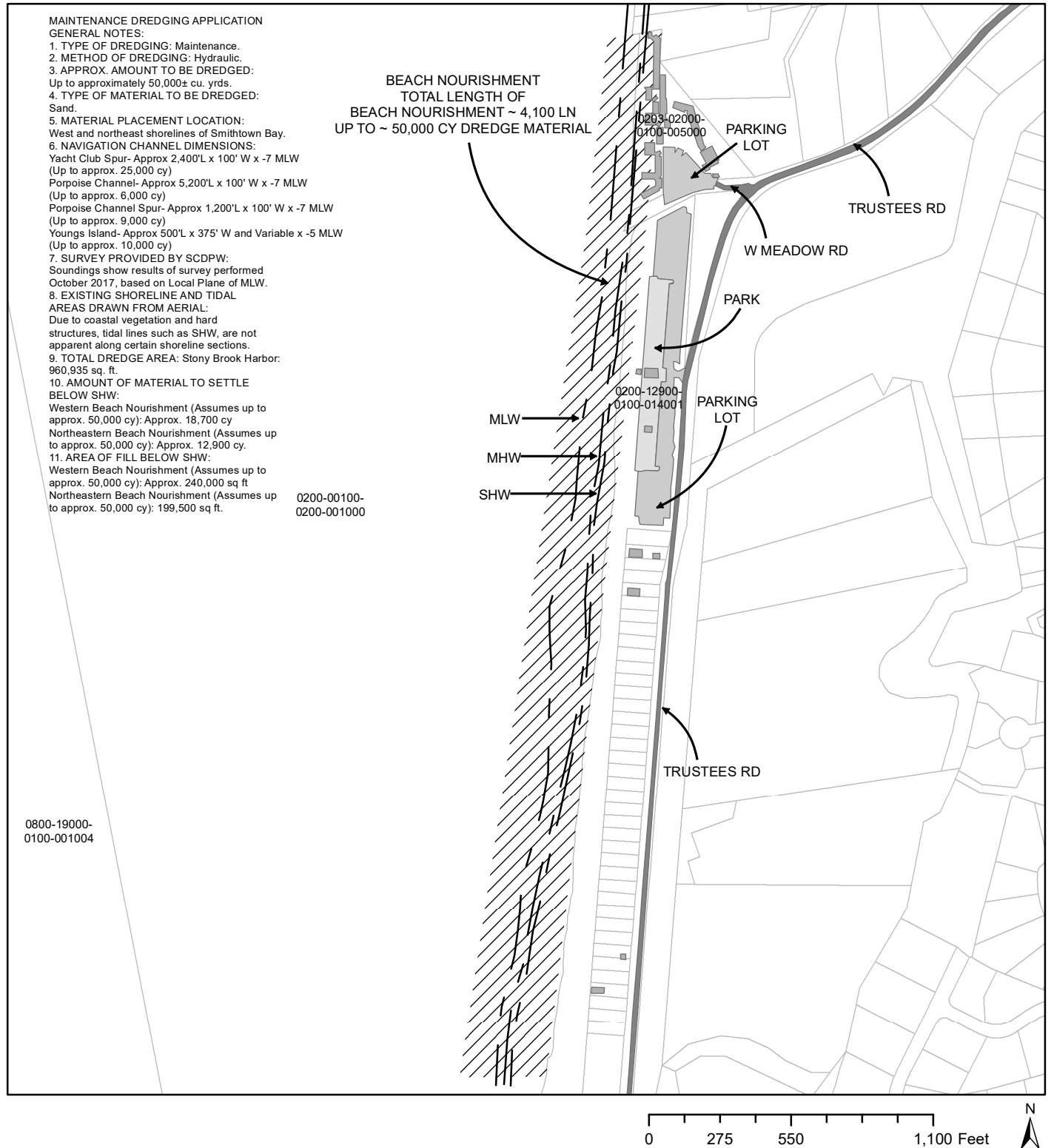
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STONY BROOK HARBOR

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DATE: FEBRUARY 2022

SHEET 5 OF 11



GEI CONSULTANTS, INC., P. C.
HUNTINGTON STATION, NEW YORK

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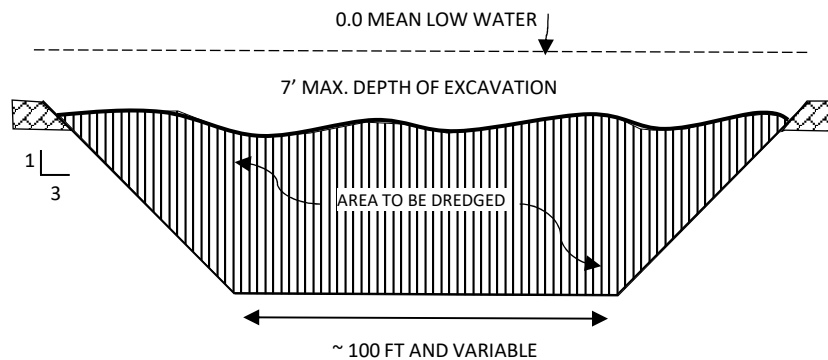
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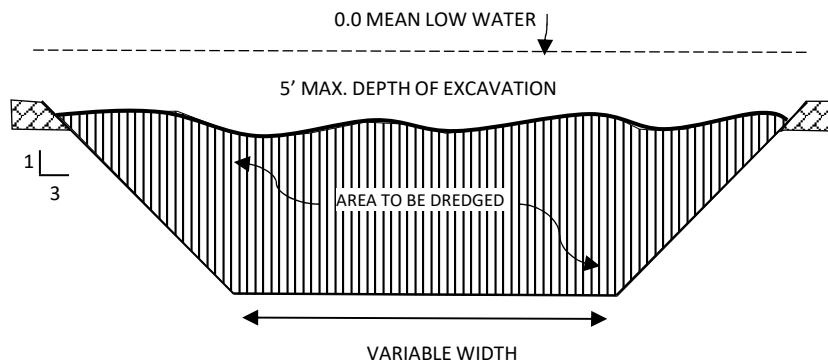
DATE: FEBRUARY 2022

SHEET 6 OF 11



TYPICAL CHANNEL SECTION

N.T.S.



TYPICAL CHANNEL SECTION YOUNGS ISLAND

N.T.S.



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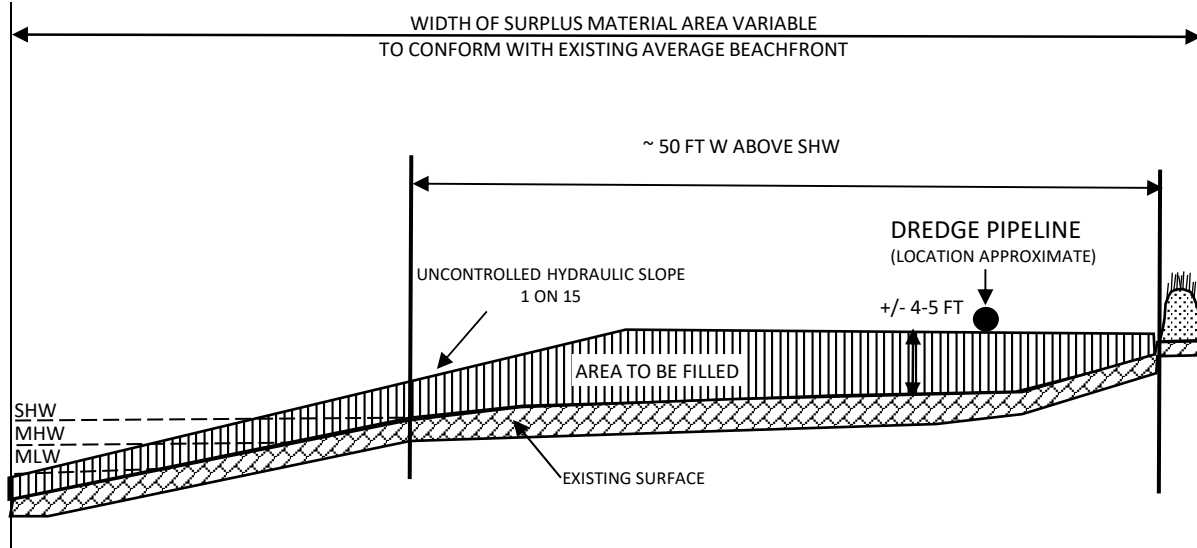
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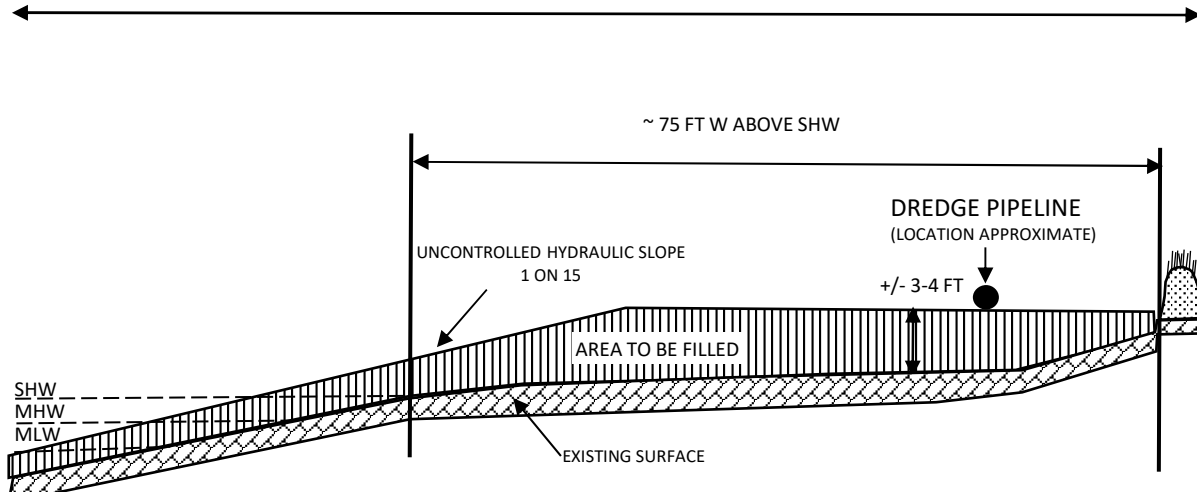
STONY BROOK HARBOR
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DATE: FEBRUARY 2022

SHEET 7 OF 11



TYPICAL BEACH NOURISHMENT WEST
(ASSUMES 50,000 CY OF DREDGE MATERIAL ON BOTH SECTIONS)
N.T.S.



TYPICAL BEACH NOURISHMENT SECTION NORTHEAST
(ASSUMES 50,000 CY OF DREDGE MATERIAL ON BOTH SECTIONS)
N.T.S.



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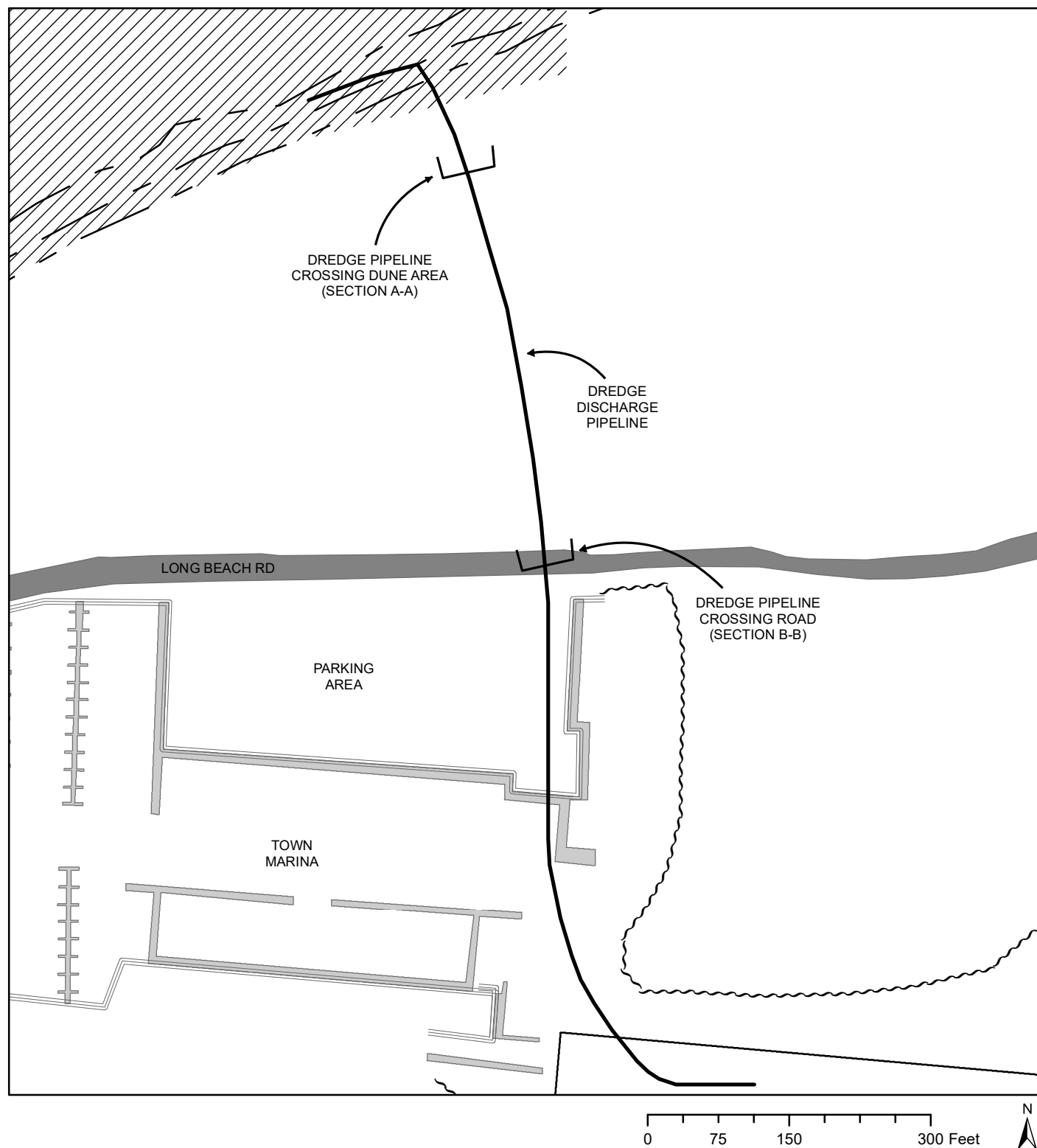
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SHEET 8 OF 11

PROPOSED DREDGE DISCHARGE PIPE ROUTE



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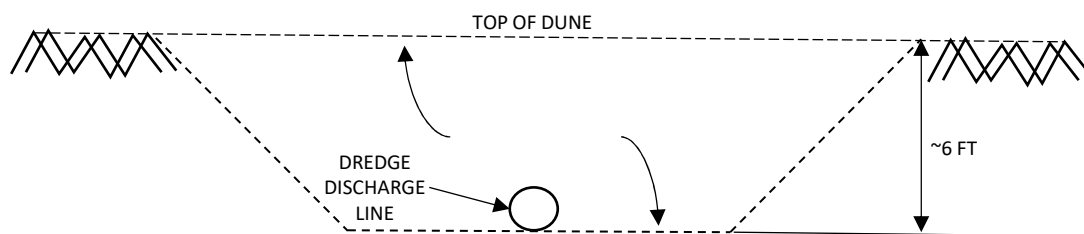
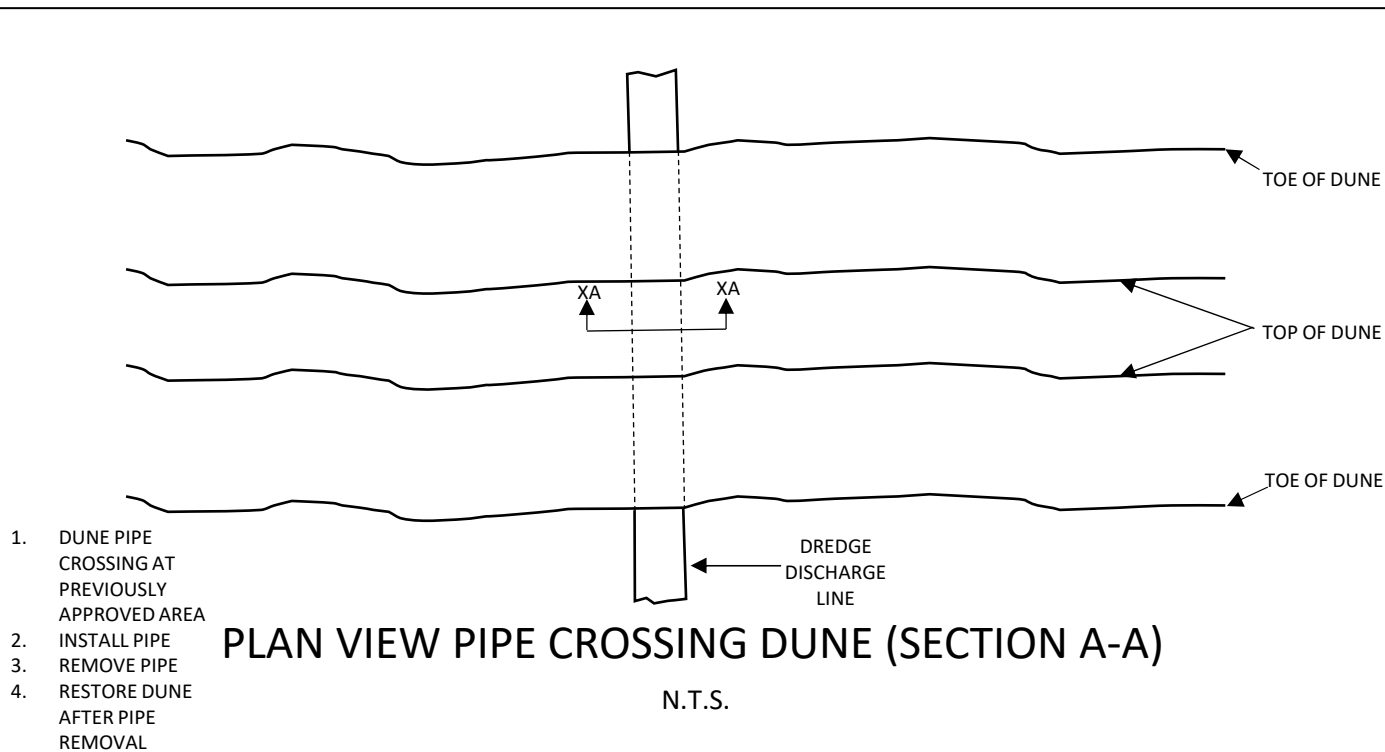
MAINTENANCE DREDGING AT:

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SHEET 9 OF 11



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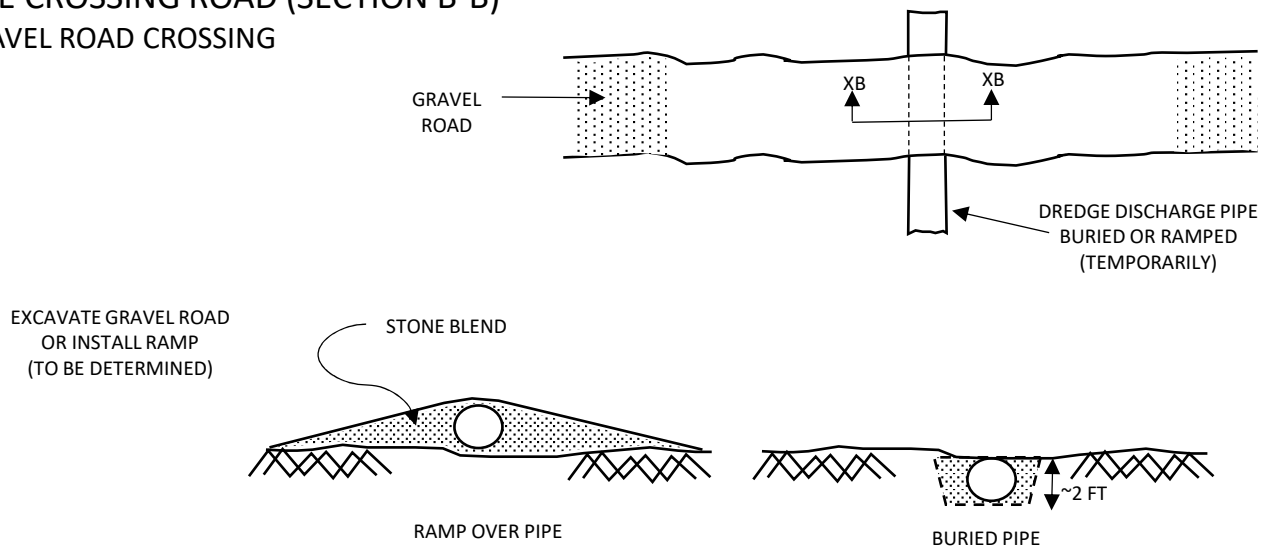
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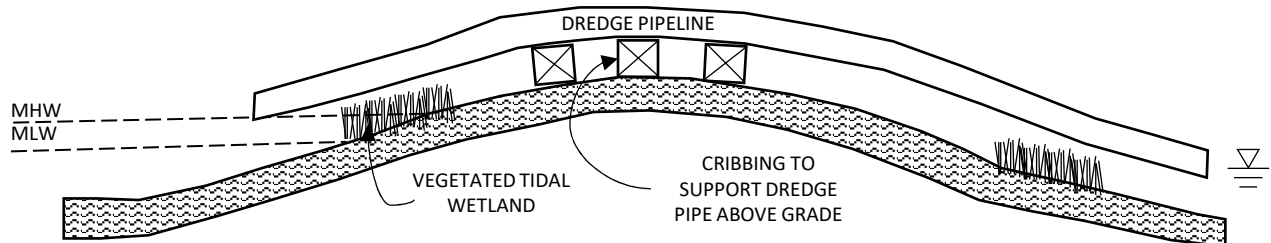
SHEET 10 OF 11

PIPE CROSSING ROAD (SECTION B-B)
GRAVEL ROAD CROSSING



PIPE CROSSING ROAD (SECTION XB-XB)

N.T.S.



PIPE CROSSING WETLANDS
TO BE DETERMINED

N.T.S.



GEI CONSULTANTS, INC., P. C.
HUNTINGTON STATION, NEW YORK

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SHEET 11 OF 11