



The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner

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December 15, 2025 JAN 28 2026

Her Excellency, Governor Kelly A. Ayotte
 and The Honorable Council
 State House
 Concord, NH 03301

REQUESTED ACTION

Approve NHDOT's request to amend NH Department of Environmental Services (NHDES) Wetland Bureau permit #2023-00690, to amend Approval Condition #11 requiring time of year restrictions on in-water work associated with the performance of the following work on Hampton Harbor in Seabrook, in accordance with RSA 482-A:3. This project was previously approved by the Governor and Executive Council on October 18, 2023, Item #103. Comments submitted by the Hampton Conservation Commission on the project as proposed are addressed in the Findings and are included in the enclosed documents.

Permanently impact 55,599 square feet of sand dune and undeveloped tidal buffer zone (TBZ), permanently impact 21,307 square feet of previously-developed TBZ (including 4,651 square feet of temporary impact and impact 339,314 square feet of tidal wetlands and waters to include 21,131 square feet of permanent impact and 318,183 square feet of temporary impact for the replacement of the NH Route 1A, Neil R. Underwood Bridge (Bridge No. 235.025). The proposed bridge will be 1,300 foot long, seven span, structural steel fixed bridge. State of New Hampshire Department of Transportation (NHDOT), N.H. Project No. 15904. Compensatory mitigation includes a one-time payment \$821,349.22 submitted to the Aquatic Resources Mitigation (ARM) fund for impacts to sand dunes, undeveloped 100-foot tidal buffer zone, and tidal waters.

NHDES imposed the following amended conditions as part of this approval:

1. All work shall be in accordance with revised plans and construction sequence narrative by the State of New Hampshire Department of Transportation (NHDOT), N.H. Project No. 15904 including:
 - a) Plans dated March 9, 2023, as received by the NH Department of Environmental Services (NHDES) on June 30, 2023; and
 - b) The 'Permittee Responsible Mitigation Plan for State-Listed Plant Impacts' by NHDOT received by NHDES on August 2, 2023.
2. This permit is also contingent upon submittal of a check in the amount of \$821,349.22 into the Aquatic Resource Mitigation fund by the applicant as calculated per Env-Wt 803.07 and RSA 482-A:30. Work is authorized in RSA jurisdiction under this permit once the full ILF payment has been deposited and cleared.
3. This permit shall not be effective until the permittee records this permit at the Rockingham County Registry of Deeds. Any limitations or conditions in the permit so recorded shall run with the land beyond the expiration of the permit. The permittee shall provide the NHDES with a copy of the permit stamped by the registry with the book and page and date of receipt, in accordance with New Hampshire Administrative Rule Env-Wt 314.02(b) and (c).
4. In accordance with Env-Wt 314.03, (a) The permittee shall notify the NHDES in writing at least one week prior to commencing any work under the permit.

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5. In accordance with Env-Wt 307.07, all development activities associated with any project shall be conducted in compliance with applicable requirements of RSA 483-B and Env-Wq 1400 during and after construction.
6. In accordance with Env-Wt 307.03(a), no activity shall be conducted in such a way as to cause or contribute to any violation of surface water quality standards specified in RSA 485-A:8 or Env-Wq 1700; or any provision of RSA 485-A, RSA 483-B, or Env-Wq 1400.
7. All work shall be conducted and maintained in such a way as to protect water quality as required by Rule Env-Wt 307.03(a) through (h).
8. In accordance with Env-Wt 611.05(f), water quality control measures shall be installed prior to start of work and in accordance with the manufacturer's recommended specifications or, if none, the applicable requirements of Env-Wq 1506 or Env-Wq 1508.
9. In accordance with Env-Wt 611.05(g), temporary water quality control methods shall be removed upon completion of work when compliance with Env-Wt 307.03(c)(6) is achieved.
10. All dredging activities shall meet all of the conditions listed in Rule Env-Wt 307.10(a) through (n).
11. Dredging and in water work shall occur between November 15 and March 15, in order to protect anadromous fish, in accordance with Env-Wt 307.10(i) and Env-Wt 311.06(g) with the exception that components of the temporary work trestle and oversized drilled shaft casings that are currently in place may be removed during the TOY restriction period. The components to be removed include twenty-four 72-inch diameter temporary casings, thirty-six 24-inch diameter temporary pipe piles, and eight 30-inch diameter temporary pipe piles with tie-down anchors.
12. In accordance with Env-Wt 307.05(e), to prevent the use of soil or seed stock containing nuisance or invasive species, the contractor responsible for work shall follow Best Management Practices for the Control of Invasive and Noxious Plant Species (Invasive Plant BMPs).
13. Restoration of all temporary impacts shall meet all of the conditions listed in Rule Env-Wt 307.12(a) through (i).
14. In accordance with Env-Wt 611.05(k), the project shall not disturb any sand dune vegetation growing on adjacent properties.
15. In accordance with Env-Wt 611.05(j), no non-native ornamental plants shall be introduced to or used on the property.
16. In accordance with Env-Wt 611.05(e), work shall be done in a time and manner so as to not disturb migratory waterfowl breeding and nesting areas.
17. In accordance with Env-Wt 611.05(h), any American Beachgrass (*Ammophila breviligulata*) that would be disturbed by a project shall be offered to NH Sea Grant for reuse.
18. In accordance with Env-Wt 609.10(b)(4), all work on the shoreline for stabilization purposes shall be done at low tide when the work area is fully exposed.
19. In accordance with Env-Wt 307.12(f), if any temporary impact area that is stabilized with seeding or plantings does not have at least 75% successful establishment of vegetation after 2 growing seasons, the area shall be replanted or reseeded, as applicable.
20. In accordance with Env-Wt 307.12(i), wetland areas where permanent impacts are not authorized shall be restored to their pre-impact conditions and elevation by replacing the removed soil and vegetation in their pre-construction location and elevation such that post-construction soil layering and vegetation schemes are as close as practicable to pre-construction conditions.

21. In accordance with Env-Wt 307.12(a), within 3 days of final grading or temporary suspension of work in an area that is in or adjacent to surface waters, all exposed soil areas shall be stabilized by seeding and mulching, if during the growing season; or mulching with tackifiers on slopes less than 3:1 or netting and pinning on slopes steeper than 3:1 if not within the growing season.
22. In accordance with Env-Wt 307.03(e), all exposed soils and other fills shall be permanently stabilized within 3 days following final grading.
23. In accordance with Env-Wt 307.18(b), a construction monitoring plan with inspection reports, and water quality reports prepared by a certified professional erosion and sediment control specialist (CPESC) or certified wetland scientist shall be submitted to the department upon completion of the project.
24. In accordance with Env-Wt 307.18(c), a report that describes the monitoring conducted and date(s) of inspections, and includes photos showing the extent of jurisdictional impacts, areas of restoration, and progress of any plantings shall be submitted to the department upon completion of the project.

EXPLANATION

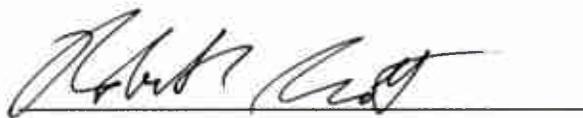
NHDES approved this project on September 22, 2025. NHDES supported its decision with the following findings:

1. This is classified as a major project per Rule Env-Wt 607.10(a), for all forms of dredging in tidal waters, that exceed the criteria listed in Env-Wt 607.10(b).
2. Per Rule Env-Wt 204.05(a), the NHDES has granted a waiver to the requirement established in Rule Env-Wt 202.01(b) for conducting a public hearing. Granting the waiver will not result in an avoidable adverse impact on the environment or natural resources of the state, including but not limited to jurisdictional areas and protected species or habitat, an avoidable adverse impact on public health or public safety, an impact on abutting properties that is more significant than that which would result from complying with the rule and statutory requirement being waived, and any benefit to the public or the environment from complying with the rule is outweighed by the operational or economic costs to the applicant.
3. Per Rule Env-Wt 202.01(b) and as required by RSA 482-A:8, NHDES finds that the requirements for a public hearing do not apply as the project will not have a significant environmental impact, as defined in Env-Wt 104.19, on the resources protected by RSA 482-A, or, is not of substantial public interest, as defined in Env-Wt 104.32.
4. There is no reasonable/practicable method of replacing the Hampton Seabrook bridge without impacts to sand dunes.
5. Per Rule Env-Wt 311.06(h), the Hampton Conservation Commission (HCC) provided supportive comments on the proposed project on April 26, 2023, stating, "the HCC voted not to oppose the granting of this NHDES Standard Dredge and Fill permit."
6. NHDOT has addressed questions raised by the HCC relative to flooding and erosion impacts and mitigation benefits through the final design details of their approved plans, details, and narratives provided in the application and responses to the Request for More Information received by NHDES on June 29, 2023.
7. Per Rule Env-Wt 311.06(h), the Seabrook Conservation Commission did not provide comments on the proposed project.
8. Per Rule Env-Wt 311.01(b), the applicant coordinated with the NH Fish and Game Department (NHF&G) and the Natural Heritage Bureau (NHB) to determine how to avoid and minimize project-related impacts on rare or protected animal species and habitat, and on protected plants or exemplary natural communities.

9. The public highway project meets all approval criteria established in Env-Wt 527.02.
10. Per Rule Env-Wt 604.03(b), the project has been evaluated by the applicant and meets all criteria listed in Env-Wt 604.03(b)(1) through (7).
11. NHDES has determined that the one-time in-lieu mitigation fee payment of \$821,349.22, into the dedicated ARM fund for the Salmon Falls - Piscataqua Rivers watershed per RSA 482-A:29, will provide for adequate compensatory mitigation to offset the project's impacts to tidal surface waters, tidal wetlands, the tidal buffer zone, and sand dunes as required per Env-Wt 605.03(a) and Env-Wt 803.
12. Per Rule Env-Wt 607.02(d), the dredging project has been screened to avoid shellfish beds, submerged aquatic vegetation and essential fish habitat.
13. Per Rule Env-Wt 314.07(a) and subject to Env-Wt 314.07(b), the permittee has requested an amendment to the issued permit by seeking an exemption of the time of year restriction on behalf of their bridge construction contractor, SPS New England, Inc. to allow the contractor to complete specific temporary in-water work activities.
14. The National Oceanic and Atmospheric Administration has not objected to lifting of the general prohibition to conduct in-water modification activities from 16 March through 14 November, subject to other mitigation measures outlined in their concurrence. USACE New England District has also issued reverification of the NH General Permit that also accommodates this request.

NHDES Wetlands Bureau permit #2023-00690 application documents are enclosed for review by the Governor and the Executive Council in consideration of this request and in accordance with RSA 482-A:3, II(a), as it is a major project located in New Hampshire public waters.

We respectfully request your approval of this item.



Robert R. Scott
Commissioner



**STANDARD DREDGE AND FILL
WETLANDS PERMIT APPLICATION**
Water Division/Land Resources Management
Wetlands Bureau
[Check the Status of your Application](#)



RSA/Rule: RSA 482-A/Env-Wt 100-900

APPLICANT'S NAME: New Hampshire Dept. of Transportation **TOWN NAME:** Seabrook/Hampton

	COMPLETE Administrative Use Only MAR 27 2023	Administrative Use Only	File No.: 2023-006410
			Check No.: V713212
			Amount: 30,000
			Initials: BH

A person may request a waiver of the requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interest of the public or the environment but is still in compliance with RSA 482-A. A person may also request a waiver of the standards for existing dwellings over water pursuant to RSA 482-A:26, III(b). For more information, please consult the [Waiver Request Form](#).

SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, I(d)(2))

Please use the [Wetland Permit Planning Tool \(WPPT\)](#), the Natural Heritage Bureau (NHB) [DataCheck Tool](#), the [Aquatic Restoration Mapper](#), or other sources to assist in identifying key features such as: [priority resource areas \(PRAs\)](#), [protected species or habitats](#), coastal areas, designated rivers, or designated prime wetlands.

Has the required planning been completed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does the property contain a PRA? If yes, provide the following information:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHFG) and NHB agreement for a classification downgrade) or a Project-Type Exception (e.g. Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Protected species or habitat? <ul style="list-style-type: none"> If yes, species or habitat name(s): [REDACTED] NHB Project ID #: [REDACTED] 	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
• Bog?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
• Floodplain wetland contiguous to a tier 3 or higher watercourse?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
• Designated prime wetland or duly-established 100-foot buffer?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
• Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Is the property within a Designated River corridor? If yes, provide the following information: • Name of Local River Management Advisory Committee (LAC): • A copy of the application was sent to the LAC on Month: Day: Year:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
For dredging projects, is the subject property contaminated? • If yes, list contaminant:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there potential to impact impaired waters, class A waters, or outstanding resource waters?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
For stream crossing projects, provide watershed size (see WPPT or Stream Stats): 45.35 square miles	
SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i)) Provide a brief description of the project and the purpose of the project, outlining the scope of work to be performed and whether impacts are temporary or permanent. DO NOT reply "See attached"; please use the space provided below.	
<p>The purpose of the project is to provide a safe, reliable, and structurally sound crossing over the Hampton Harbor Inlet, while also improving mobility for the traveling public. The project is necessary because the existing bridge is structurally deficient and functionally obsolete, and is on NHDOT's "Red-List", which identifies deficient bridge structures that are a priority for the state to address.</p> <p>The project involves the replacement of the Neil R. Underwood Bridge (Bridge No. 235/025) that carries NH Route 1A over the Hampton River at the inlet to Hampton Harbor. The proposed bridge consists of a 1,300 foot long, seven span, structural steel, fixed bridge located located approximately 75 feet west of the existing bascule bridge. The proposed bridge consists of six piers and two abutments with the end spans measuring approximately 162 feet in length and the five central spans measuring approximately 195 feet in length. The proposed roadway typical section consists of two 11-foot travel lanes with eight-foot shoulders flanked by six-foot sidewalks on each side with four pedestrian bump-outs on the bridge located at Piers 2 and 5. The proposed fixed bridge will provide a 150-foot navigational channel opening (inclusive of bridge fenders) and a vertical waterway clearance of 48 feet. The two abutments will consist of concrete cantilever types and the six piers will consist of reinforced concrete hammerhead pier caps over a concrete column on pier footings supported on deep foundations consisting of drilled shafts. The approach roadway reconstruction will begin approximately 900 feet south of the new bridge and end approximately 800 feet north of the new bridge at a point approximately 200 feet northerly of the State Park Road. Both temporary and permanent impacts are anticipated within the tidal wetlands and buffer zone, to dune habitat (a Priority Resource Area), and to Federal- and state-listed species. Compensatory mitigation will be undertaken by the NHDOT.</p>	
SECTION 3 - PROJECT LOCATION Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.	
ADDRESS: NH Route 1A over Hampton Harbor Inlet	
TOWN/CITY: Seabrook and Hampton	
TAX MAP/BLOCK/LOT/UNIT: (Map-Block-Lot) State Pier: 299-022-000 and NHDOT right-of-way	
US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: Hampton Harbor	

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<input type="checkbox"/> N/A		
(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):		42.89611° North -70.81654° West
SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))		
If the applicant is a trust or a company, then complete with the trust or company information.		
NAME: New Hampshire Department of Transportation, c/o Jennifer Reczek, P.E.		
MAILING ADDRESS: [REDACTED]		
TOWN/CITY: [REDACTED]	STATE: [REDACTED]	ZIP CODE: [REDACTED]
EMAIL ADDRESS: [REDACTED]		
FAX:	PHONE: [REDACTED]	
ELECTRONIC COMMUNICATION: By initialing here: JER, I hereby authorize NHDES to communicate all matters relative to this application electronically.		
SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))		
<input type="checkbox"/> N/A		
LAST NAME, FIRST NAME, M.I.: Hageman, Daniel A.		
COMPANY NAME: FHI Studio		
MAILING ADDRESS: 416 Asylum Steet		
TOWN/CITY: Hartford	STATE: CT	ZIP CODE: 06103
EMAIL ADDRESS: dhageman@fhistudio.com		
FAX: n/a	PHONE: 860-256-4917	
ELECTRONIC COMMUNICATION: By initialing here DAH, I hereby authorize NHDES to communicate all matters relative to this application electronically.		
SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b))		
If the owner is a trust or a company, then complete with the trust or company information.		
<input checked="" type="checkbox"/> Same as applicant		
NAME:		
MAILING ADDRESS:		
TOWN/CITY:	STATE:	ZIP CODE:
EMAIL ADDRESS:		
FAX:	PHONE:	
ELECTRONIC COMMUNICATION: By initialing here _____, I hereby authorize NHDES to communicate all matters relative to this application electronically.		

Section 6 – Property Owner

Hampton State Pier (1 Ocean Boulevard, Hampton, NH)

Name: Pease Development Authority; Contact: Geno Marconi, Director of Ports and Harbors

Mailing Address: [REDACTED]

Town/City/State: [REDACTED]

ZIP Code: [REDACTED]

Phone: [REDACTED]

Email: [REDACTED]

SECTION 7 - RESOURCE-SPECIFIC CRITERIA ESTABLISHED IN Env-Wt 400, Env-Wt 500, Env-Wt 600, Env-Wt 700, OR Env-Wt 900 HAVE BEEN MET (Env-Wt 313.01(a)(3))

Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters):

Env-Wt 400: The delineation classification of jurisdiction areas was completed by New Hampshire Certified Wetland Scientist #275 in accordance with Env-Wt 400 and USACE wetland delineation guidelines.

Env-Wt 500: The project has been developed in accordance with Env-Wt 500 (including Env-Wt 527 - Public Highways), including specific design requirements related to stream flow and flood storage. Application requirements have also been met.

Env-Wt 600: The project has been developed in accordance with Env-Wt 600 - Coastal Lands and Tidal Waters/Wetlands, including the preparation of a Coastal Functional Assessment and Vulnerability Assessment. Measures to avoid and minimize impacts to coastal resources have been incorporated into the design.

Env-Wt 700: The project has been developed accounting for Env-Wt 700 - Prime Wetlands; there are Prime Wetland resources approximately 2,000 feet to the west of the project site within Hampton Harbor; minimization and mitigation have been incorporated into the design.

Env-Wt 900: The project has been designed in accordance with Env-Wt 900 - Stream Crossings; the bridge crosses a Tier 4 tidal resource. A Hydraulic Report has been prepared in support of the design.

Supporting documentation is provided in the Wetland Functional Assessment Worksheet, Coastal Resources Worksheet, Coastal Functional Assessment, Vulnerability Assessment, Sand Dune Project Specific Worksheet, Avoidance and Minimization Checklist, Attachment A - Minor and Major Projects, and Stream Crossing Worksheet.

SECTION 8 - AVOIDANCE AND MINIMIZATION

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)). * Any project with unavoidable jurisdictional impacts must then be minimized as described in the [Wetlands Best Management Practice Techniques For Avoidance and Minimization](#) and the [Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet](#). For minor or major projects, a functional assessment of all wetlands on the project site is required (Env-Wt 311.03(b)(10)). *

Please refer to the application checklist to ensure you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). Use the [Avoidance and Minimization Checklist](#), the [Avoidance and Minimization Narrative](#), or your own avoidance and minimization narrative.

*See Env-Wt 311.03(b)(6) and Env-Wt 311.03(b)(10) for shoreline structure exemptions.

SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)

If unavoidable jurisdictional impacts require mitigation, a mitigation [pre-application meeting](#) must occur at least 30 days but not more than 90 days prior to submitting this Standard Dredge and Fill Permit Application.

Mitigation Pre-Application Meeting Date: Month: 12 Day: 02 Year: 2022

N/A - Mitigation is not required

SECTION 10 - THE PROJECT MEETS COMPENSATORY MITIGATION REQUIREMENTS (Env-Wt 313.01(a)(1)c)

Confirm that you have submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent unavoidable impacts that will remain after avoidance and minimization techniques have been exercised to the maximum extent practicable: I confirm submittal.

N/A - Compensatory mitigation is not required

SECTION 11 - IMPACT .REA (Env-Wt 311.04(g))

For each jurisdictional area that will be/has been impacted, provide square feet (SF) and, if applicable, linear feet (LF) of impact, and note whether the impact is after-the-fact (ATF; i.e., work was started or completed without a permit).

For intermittent and ephemeral streams, the linear footage of impact is measured along the thread of the channel. *Please note, installation of a stream crossing in an ephemeral stream may be undertaken without a permit per Rule Env-Wt 309.02(d), however other dredge or fill impacts should be included below.*

For perennial streams/ivers, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks.

Permanent impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials).

Temporary impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

JURISDICTIONAL AREA		PERMANENT			TEMPORARY		
		SF	LF	ATF	SF	LF	ATF
Wetlands	Forested Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Scrub-shrub Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Emergent Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Wet Meadow			<input type="checkbox"/>			<input type="checkbox"/>
	Vernal Pool			<input type="checkbox"/>			<input type="checkbox"/>
	Designated Prime Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Duly-established 100-foot Prime Wetland Buffer			<input type="checkbox"/>			<input type="checkbox"/>
Surface Water	Intermittent / Ephemeral Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Perennial Stream or River			<input type="checkbox"/>			<input type="checkbox"/>
	Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - River			<input type="checkbox"/>			<input type="checkbox"/>
Banks	Bank - Intermittent Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Bank - Perennial Stream / River			<input type="checkbox"/>			<input type="checkbox"/>
	Bank / Shoreline - Lake / Pond	7,542	432	<input type="checkbox"/>			<input type="checkbox"/>
Tidal	Tidal Waters	21,131	197	<input type="checkbox"/>	318,183		<input type="checkbox"/>
	Tidal Marsh			<input type="checkbox"/>			<input type="checkbox"/>
	Sand Dune	50,947 *		<input type="checkbox"/>			<input type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)	2,295		<input type="checkbox"/>			<input type="checkbox"/>
	Previously-developed TBZ	16,122		<input type="checkbox"/>	4,651		<input type="checkbox"/>
	Docking - Tidal Water			<input type="checkbox"/>			<input type="checkbox"/>
TOTAL		98,037	629		322,834		

SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)

*Note that 10,663 sf of Sand Dune is within TBZ

MINIMUM IMPACT FEE: Flat fee of \$400.

NON-ENFORCEMENT RELATED, PUBLICLY-FUNDED AND SUPERVISED RESTORATION PROJECTS, REGARDLESS OF IMPACT CLASSIFICATION: Flat fee of \$400 (refer to RSA 482-A:3, 1(c) for restrictions).

MINOR OR MAJOR IMPACT FEE: Calculate using the table below:

Permanent and temporary (non-docking):	420,871 SF	× \$0.40 =	\$ 30,000
Seasonal docking structure:	SF	× \$2.00 =	\$
Permanent docking structure:	SF	× \$4.00 =	\$
Projects proposing shoreline structures (including docks) add \$400 =			\$
Total =			\$ 30,000

The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 30,000

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SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)		
Indicate the project classification.		
<input type="checkbox"/> Minimum Impact Project	<input type="checkbox"/> Minor Project	<input checked="" type="checkbox"/> Major Project
SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)		
Initial each box below to certify:		
Initials: <i>JER</i>	To the best of the signer's knowledge and belief, all required notifications have been provided.	
Initials: <i>JER</i>	The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.	
Initials: <i>JER</i>	The signer understands that: <ul style="list-style-type: none"> • The submission of false, incomplete, or misleading information constitutes grounds for NHDES to: <ol style="list-style-type: none"> 1. Deny the application. 2. Revoke any approval that is granted based on the information. 3. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1. • The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641. • The signature shall constitute authorization for the municipal conservation commission and the Department to inspect the site of the proposed project, except for minimum impact forestry SPN projects and minimum impact trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II. 	
Initials: <i>JER</i>	If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing.	
SECTION 15 - REQUIRED SIGNATURES (Env-Wt 311.04(d); Env-Wt 311.11)		
SIGNATURE (OWNER): <i>Jennifer E. Reczek</i>	PRINT NAME LEGIBLY: Jennifer E. Reczek, P.E.	DATE: 3/15/2023
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER):	PRINT NAME LEGIBLY:	DATE:
SIGNATURE (AGENT, IF APPLICABLE): <i>Daniel A. Hageman</i>	PRINT NAME LEGIBLY: Daniel A. Hageman, NHCWS	DATE: 3/15/23
SECTION 16 - TOWN / CITY CLERK SIGNATURE (Env-Wt 311.04(f))		
As required by RSA 482-A:3, I(a)(1), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.		
TOWN/CITY CLERK SIGNATURE:	PRINT NAME LEGIBLY:	
TOWN/CITY:	DATE:	

DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3, I(a)(1)

1. IMMEDIATELY sign the original application form and four copies in the signature space provided above.
2. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
3. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board.
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

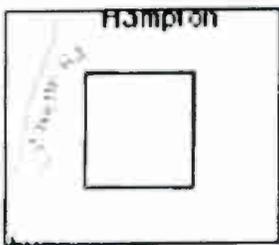
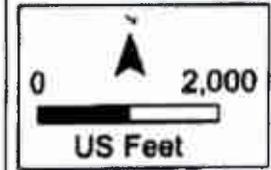
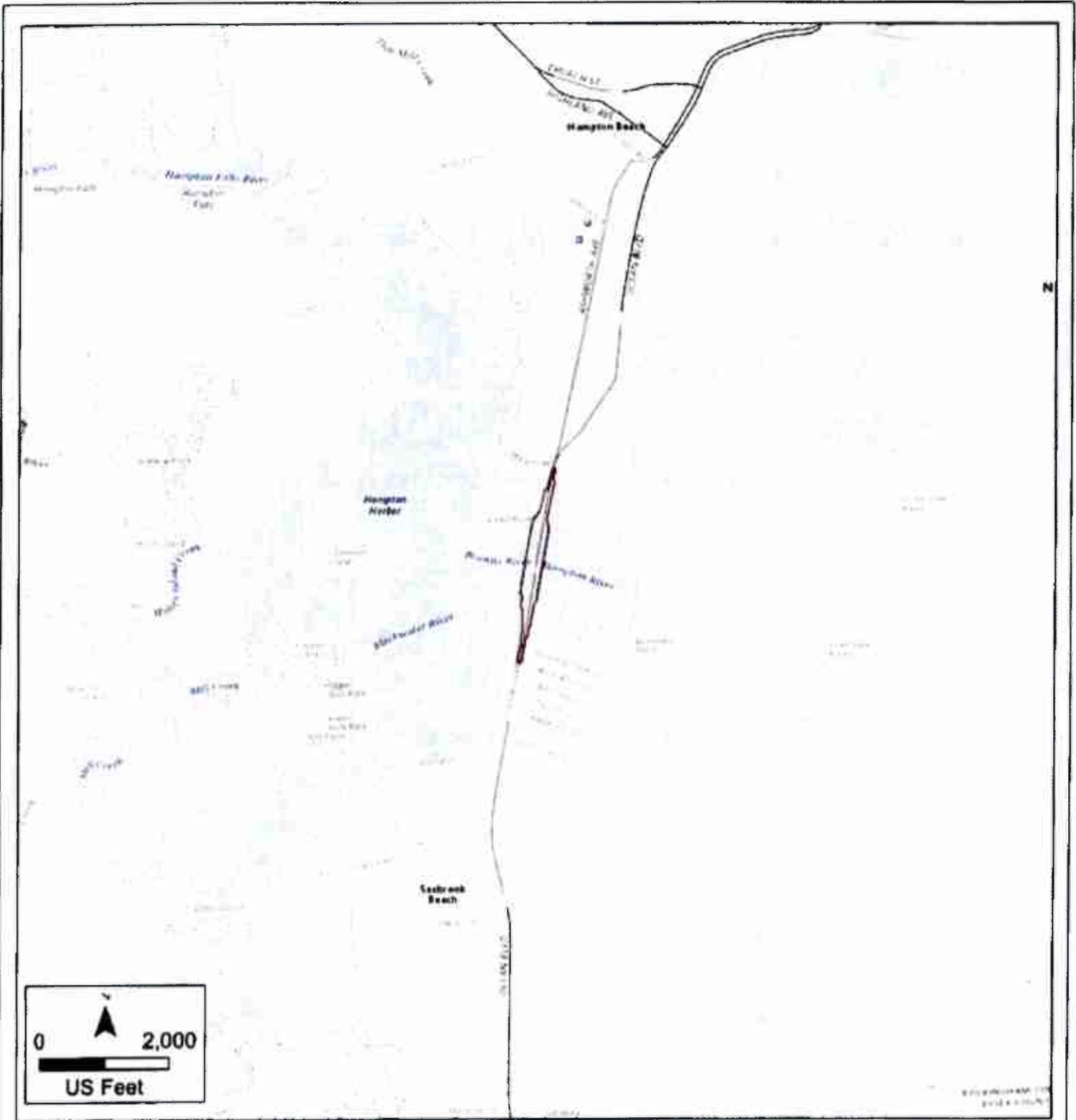
DIRECTIONS FOR APPLICANT:

Submit the original permit application form bearing the signature of the Town/City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery at the address at the bottom of this page. Make check or money order payable to "Treasurer – State of NH".

irm@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov



Legend

— Project Limits of Disturbance

**Seabrook-Hampton 15904
Seabrook and Hampton,
New Hampshire**

Attachment 1
Project Location

Map Produced: 10/19/2022
Data Source: FHI, USGS,
ESRI





The State of New Hampshire
**Department of Environmental
Services**



Robert R. Scott, Commissioner

This application contains confidential information from the NH Natural Heritage Bureau (NHB) Datacheck tool provided by the NH Department of Natural and Cultural Resources, NHB. This information is being withheld from disclosure to the public.

Please direct all questions regarding the confidential information to Pamela G. Monroe, Legal Unit Administrator, NH Department of Environmental Services, at: pamela.g.monroe@des.nh.gov, or (603) 271-3137.



Member, New Hampshire Association
of Conservation Commissions

NHDES Wetlands Bureau
Eben Lewis
Pease District Office
222 International Dr.
Suite 175

Re: NHDES Standard Dredge and Fill
Applicant: NH Department of Transportation
Address: NH Rte 1A Bridge over the Hampton
Harbor Inlet, Hampton and Seabrook, NH
Tax Map #299 Lot #22

April 26, 2023

Dear Mr. Lewis,

At the April 25, 2023 Hampton Conservation Commission meeting, the Commission reviewed the proposed plans for Neil Underwood Bridge replacement project. The NHDOT declined our invitation to attend the Conservation Commission's meeting to discuss the project and proposed mitigation plans. The Hampton Conservation Commission voted not to oppose the granting of this NHDES Standard Dredge and Fill permit.

However, the Commission is disappointed by the decision to make a payment to ARM instead of following through with any of the number of mitigation projects that were discussed in the pre-application meetings. The Commission stresses the importance of restoring function and value of resources impacted by the construction of the bridge within the town of Hampton. The public shared concerns as well. There remain several questions, including the following:

- What is NHDOT doing to address and prevent any flooding and erosion impacts during the project's construction?
- How can it be ensured that the location impacted will receive the benefit of mitigation efforts?

The Commission emphasizes the need to continue the conversation regarding mitigation, especially as SB56, which is being relied on to put funds into ARM to address dune impacts, has not yet passed. The Commission urges NHDOT to explore options for dune restoration or beach renourishment in the abutting neighborhoods throughout the construction process.

Sincerely,

Deborah R. Wrobel

Deborah Wrobel
Chair
Hampton Conservation Commission

From: [Jamie Sullivan](#)
To: [Lewis, Eben](#)
Cc: [Brianna O'Brien](#)
Subject: RE: NHDES Wetlands File 2023-690, NHDoT, seabrook/hampton bridge - ARM fund calc
Date: Thursday, September 14, 2023 12:06:32 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)

EXTERNAL: Do not open attachments or click on links unless you recognize and trust the sender.

Eben,

The Town of Hampton waives the 30-Day appeal period relating to the amendment to NHDES Wetlands File 2023-690 that has been filed. We understand this is proceeding to the Govern or and Executive Council meeting for approval as soon as possible.

Please let me know if you need anything further.

Best,

Jamie Sullivan
Town Manager
Town of Hampton
100 Winnacunnet Road
Hampton, NH 03842
603-758-1517

TOWN OF
Seabrook, New Hampshire

99 LAFAYETTE ROAD
P.O. BOX 456 - 03874-0456
TELEPHONE (603) 474-3311 • FAX (603) 474-8007

Mr. Eben Lewis
New Hampshire DES
29 Hazen Drive
Concord, New Hampshire 03302-0095

NHDES Wetlands File 2023-690 NHDoT Seabrook/Hampton Bridge

September 14, 2023

Dear Eben,

The Town of Seabrook, by and through this letter, waives the 30 day appeal period on the wetlands permit above referenced.

Please do not hesitate to contact my office with any questions or concerns.

Sincerely,

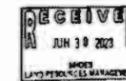


William M. Manzi III
Town Manager
Seabrook
603-474-3252
wmanzi@seabrooknh.org

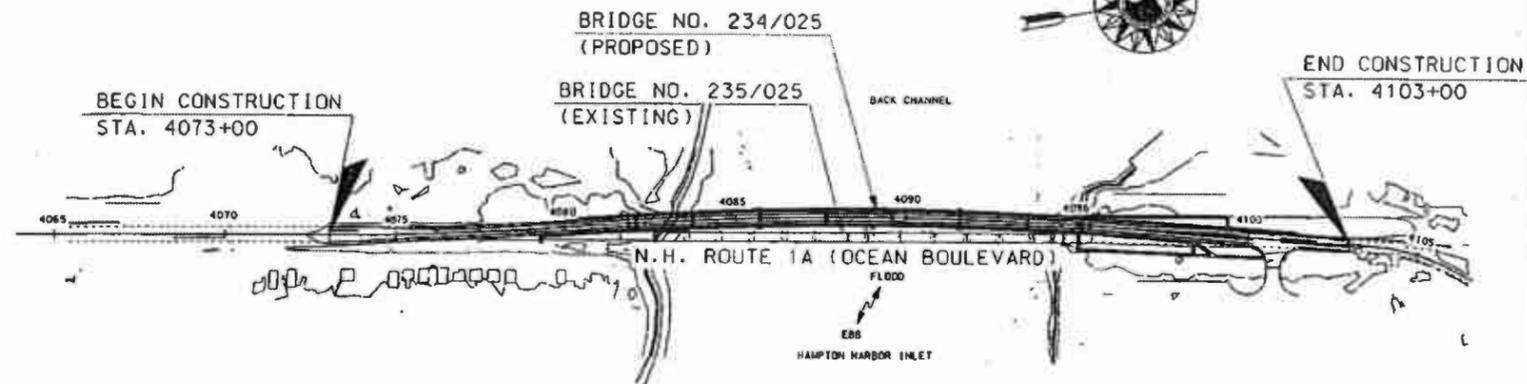
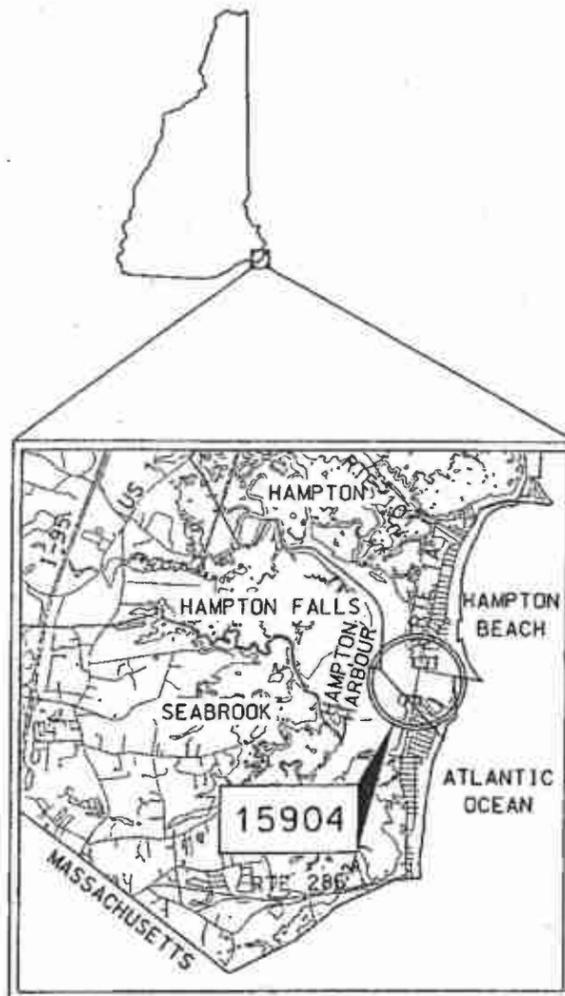
Attachment G

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
**WETLAND PERMITTING PLANS
FEDERAL AID PROJECT**

FEDERAL PROJECT NO. X-A001(026)
N.H. PROJECT NO. 15904
NH ROUTE 1A (OCEAN BOULEVARD)



DESIGN DATA	
AVERAGE DAILY TRAFFIC 20 20	9300
AVERAGE DAILY TRAFFIC 20 22	13704
PERCENT OF TRUCKS	1%
DESIGN SPEED	40 MPH
LENGTH OF PROJECT	3000 FT.
PROJECT DATUMS	
HORIZONTAL DATUM	STATE OF NH (ZONE 2400) NAD83
VERTICAL DATUM	NAVD83
THE MLLW TO NAVD83 CORRECTION USED FOR THIS PROJECT IS 5.17 FEET. THIS CORRECTION IS REFERENCE FROM NOAA'S V-DATUM MODEL VERSION 3.9. NA/NN REGION VERSION 1.3. IN THE VICINITY OF HAMPTON HARBOR, NEW HAMPSHIRE. NAVD83 IS ABOVE MLLW. THEREFORE THE CORRECTION SHOULD BE SUBTRACTED FROM MLLW TO CONVERT TO NAVD83 (I.E. USING NAVD83 DATUM, MLLW = -5.17 FT.)	
PROJECT ELEVATIONS (NAVD83)	
MEAN LOWER LOW WATER (MLLW)	-5.17 FT.
MEAN LOW WATER (MLW)	-4.85 FT.
MEAN HIGH WATER (MHW)	2.80 FT.
HIGHEST OBSERVABLE TIDE LINE (HOTL)	6.20 FT.
100 YEAR FLOOD PLAIN (FP100)	8.00 FT.
MEAN HIGH WATER + SEA LEVEL RISE (SLR)	7.18 FT.



INDEX OF SHEETS

NO.	SHEET TITLE
1	TITLE SHEET
2	KEY SHEET
3-4	STANDARD SYMBOLS
5-7	EXISTING CONDITION PLANS
8-10	PROPOSED CONDITION PLANS
11-12	WETLANDS IMPACTS PLAN
13	CHANNEL EXCAVATION PLAN AND ELEVATION
14	TYPICAL CHANNEL RIPRAP PROTECTION
15	EROSION CONTROL STRATEGIES
16-18	EROSION CONTROL PLANS
19-21	MITIGATION PLANS

REVISED JUNE 21, 2023
(RFMI RESPONSE UPDATE)

THESE PLANS HAVE BEEN REDUCED PHOTOGRAPHICALLY TO APPROXIMATELY HALF SCALE

TOWNS OF SEABROOK & HAMPTON
COUNTY OF ROCKINGHAM
SCALE: 1" = 200'
MARCH 9, 2023



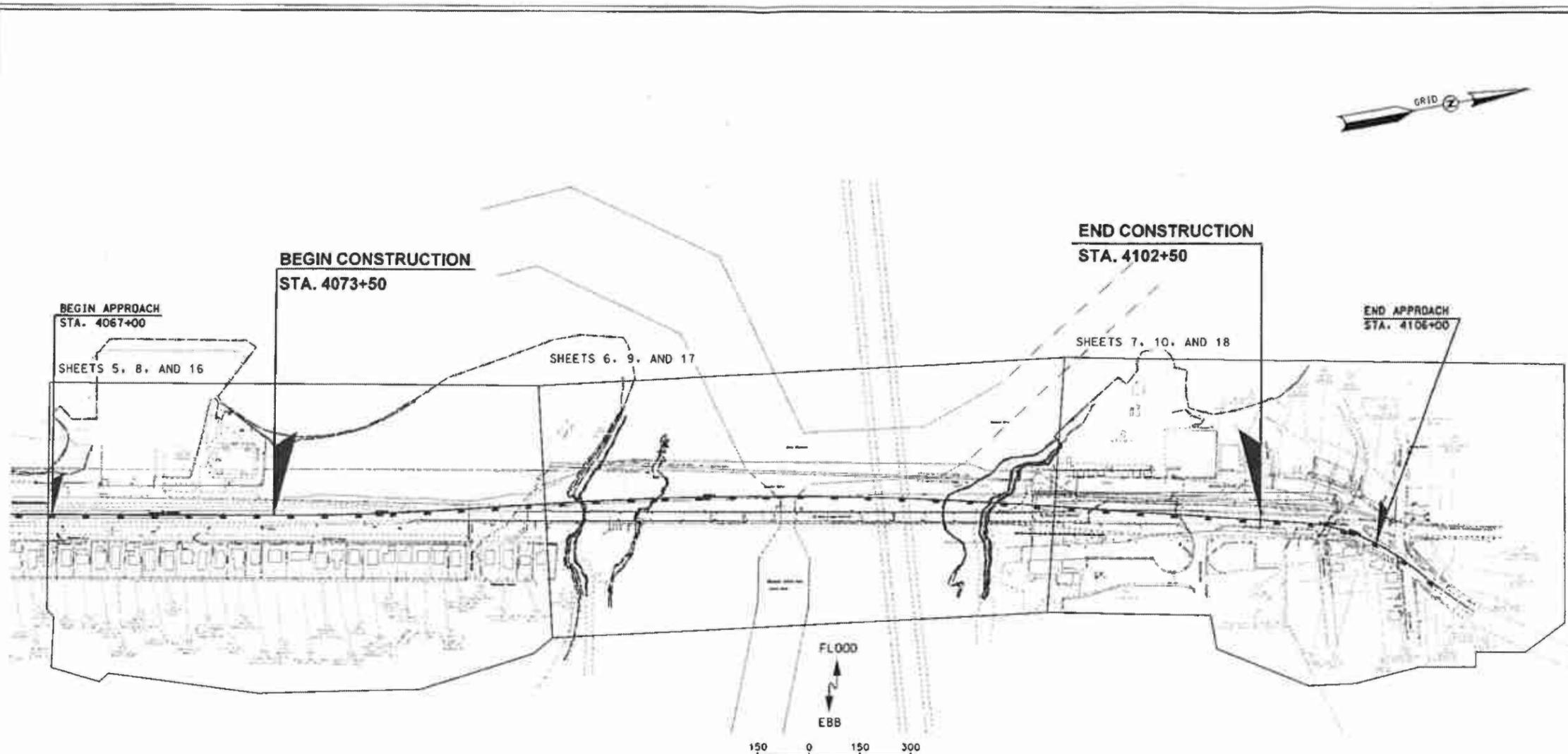
THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT NO. X-A001(026)	STATE PROJECT NO. 15904	SHEET NO. 1	TOTAL SHEETS 21
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DRAWN BY: LHS DATE: 08/2022
CHECKED BY: PUL DATE: 08/2022

LbeN

NO.	DATE	DESCRIPTION
1	08/2022	DESIGN
2	09/2022	CHECKED
3		AS BUILT DETAILS



GENERAL NOTES

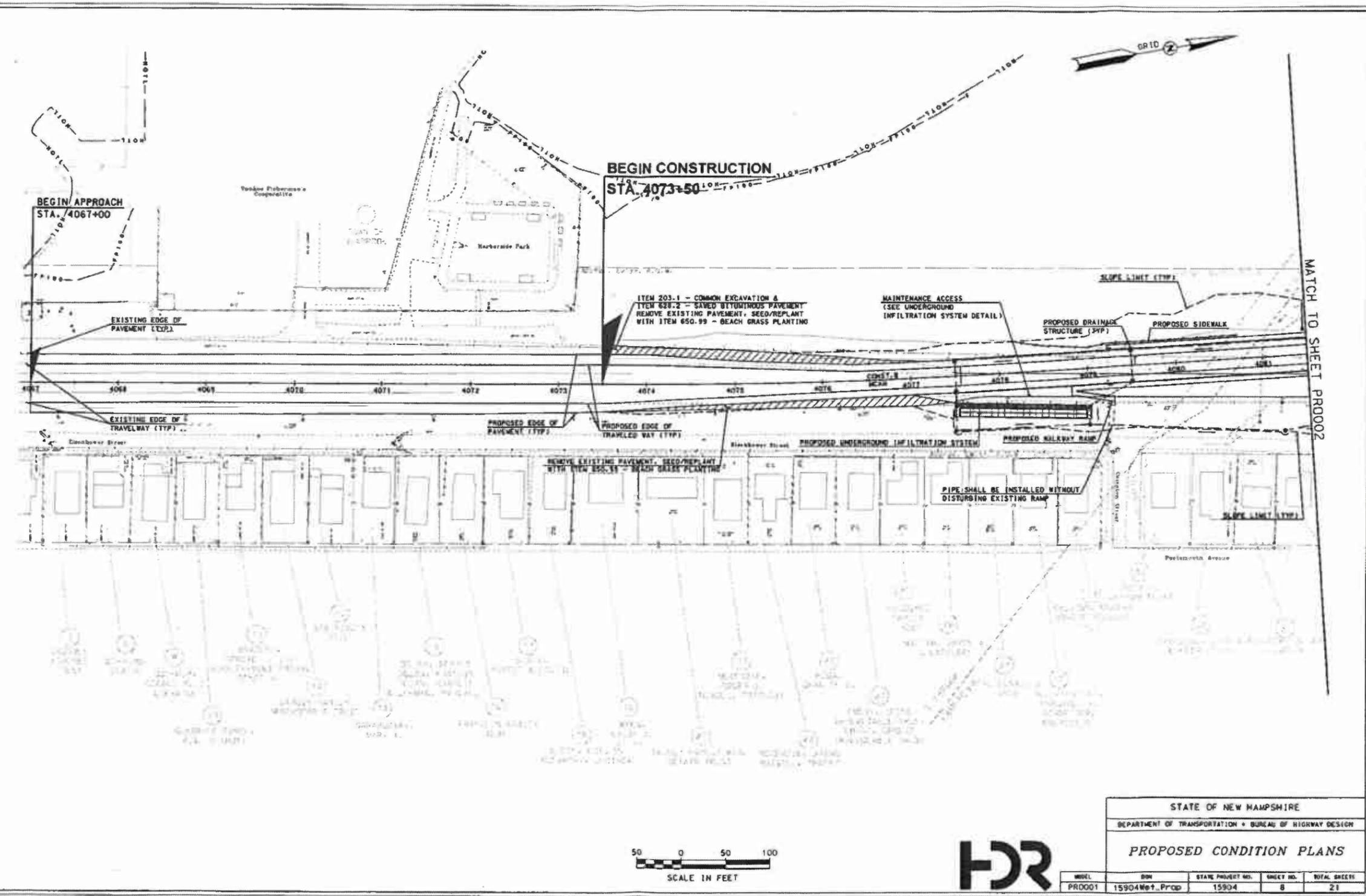
- REFERENCE: HAMPTON SEABROOK BRIDGE
D.S. PROJECT NO. 4827
- FIELD SURVEY PERFORMED BY S.M.F. & J.P.E. (DOUCET SURVEY) DURING MAY & JULY 2022 USING A TRIMBLE S6 TOTAL STATION WITH A TRIMBLE TSC3 DATA COLLECTOR AND A TRIMBLE DINI DIGITAL AUTO LEVEL. TRAVERSE ADJUSTMENT BASED ON LEAST SQUARE ANALYSIS.
- HORIZONTAL ORIENTATION BASED ON NH STATE PLANE COORDINATES NAD83/86 HOLDING DISKS 197-0450 & 197-0440.
- VERTICAL DATUM IS NAVD83 HOLDING DISKS 197-0450 (ELEVATION=20.38') AND 197-0440 (ELEVATION=20.43').
- PROPER FIELD PROCEDURES WERE FOLLOWED IN ORDER TO GENERATE CONTOURS AT 2' INTERVALS. ANY MODIFICATION OF THIS INTERVAL WILL DIMINISH THE INTEGRITY OF THE DATA, AND DOUCET SURVEY, WILL NOT BE RESPONSIBLE FOR ANY SUCH ALTERATION PERFORMED BY THE USER.
- A MULTIBEAM BATHYMETRIC SURVEY WAS PERFORMED BY CR ENVIRONMENTAL, INC. BETWEEN MAY 16-18, 2022. A STRONG WESTERLY WIND (20 KNOTS WITH GUSTS NEAR 40 KNOTS) AND ASSOCIATED WAVES IMPEDED NAVIGATION DURING THE SURVEY AND PLANNED TRANSECT ORIENTATIONS WERE MODIFIED IN REAL TIME TO ADDRESS SAFETY CONCERNS. STATISTICAL ANALYSIS OF MULTIBEAM BATHYMETRIC DATA AT TRANSECT INTERSECTIONS SHOWS A MEAN VERTICAL UNCERTAINTY OF 0.85 FEET. A COMPLETE REPORT OF CR ENVIRONMENTAL'S WORK WILL BE PROVIDED TO THE CLIENT.
- UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON OBSERVED PHYSICAL EVIDENCE AND PAINT MARKS FOUND ON-SITE.
- THE ACCURACY OF MEASURED UTILITY INVERTS AND PIPE SIZES/TYPES IS SUBJECT TO NUMEROUS FIELD CONDITIONS, INCLUDING: THE ABILITY TO MAKE VISUAL OBSERVATIONS, DIRECT ACCESS TO THE VARIOUS ELEMENTS, MANHOLE CONFIGURATION, ETC.
- ALL UNDERGROUND UTILITIES (ELECTRIC, GAS, TEL, WATER, SEWER DRAIN SERVICES) ARE SHOWN IN SCHEMATIC FASHION. THEIR LOCATIONS ARE NOT PRECISE OR NECESSARILY ACCURATE. NO WORK WHATSOEVER SHALL BE UNDERTAKEN USING THIS PLAN TO LOCATE THE ABOVE SERVICES, CONSULT WITH THE PROPER AUTHORITIES CONCERNED WITH THE SUBJECT SERVICE LOCATIONS FOR INFORMATION REGARDING SUCH. CALL DTG-SAFE AT 1-888-010-SAFE.
- COORDINATES AND DISTANCES SHOWN HEREON ARE GROUND IN US SURVEY FEET. TO CONVERT THESE GROUND DISTANCES TO GRID DISTANCES, MULTIPLY BY A COMBINED FACTOR OF 1.00002910 (AS CALCULATED BY TRIMBLE BUSINESS CENTER OFFICE SOFTWARE, USING DISK 197-0450 AS THE BASE POINT). ACCORDING TO NHDOT SURVEY, THE PUBLISHED COORDINATES ON DISK 197-0450 ARE INCORRECT. THE COORDINATES THEY PROVIDED (AND WHICH WERE USED) ARE: NORTHING=144835.79; EASTING=1211947.93.
- DANIEL A. HAGEMAN, CERTIFIED WETLAND SCIENTIST NO. 275, OF PHI STUDIO, HARTFORD, CONNECTICUT, PERFORMED THE WETLAND MAPPING ON AUGUST 12, 2022 ACCORDING TO THE USACE WETLAND DELINEATION MANUAL AND THE REGIONAL SUPPLEMENT TO THE USACE WETLAND MANUAL: NORTHCENTRAL AND NORTHEAST REGION, VERSION 2.0, JANUARY 2012, U.S. ARMY CORPS OF ENGINEERS.
- PER DANIEL A. HAGEMAN (PHCWS), "THERE ARE NO INLAND WETLANDS AND NO VEGETATED TIDAL WETLANDS IN THE SURVEY AREA." FOR PERMITTING PURPOSES, THE FEDERAL AND STATE JURISDICTIONAL "HIGHEST OBSERVABLE TIDE LINE (HOTL)" WILL BE THE SURVEYED ELEVATION OF THE WATER AS SHOWN, AND AS MARKED IN THE FIELD BY MR. HAGEMAN ON AUGUST 12, 2022 AT 11:30 PM DURING THE LUNAR HIGH TIDE.



STATE OF NEW HAMPSHIRE				
DEPARTMENT OF TRANSPORTATION - BUREAU OF HIGHWAY DESIGN				
KEY PLAN				
MODEL	DIST	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
KEY001	15904Wet_Loc	15904	2	21

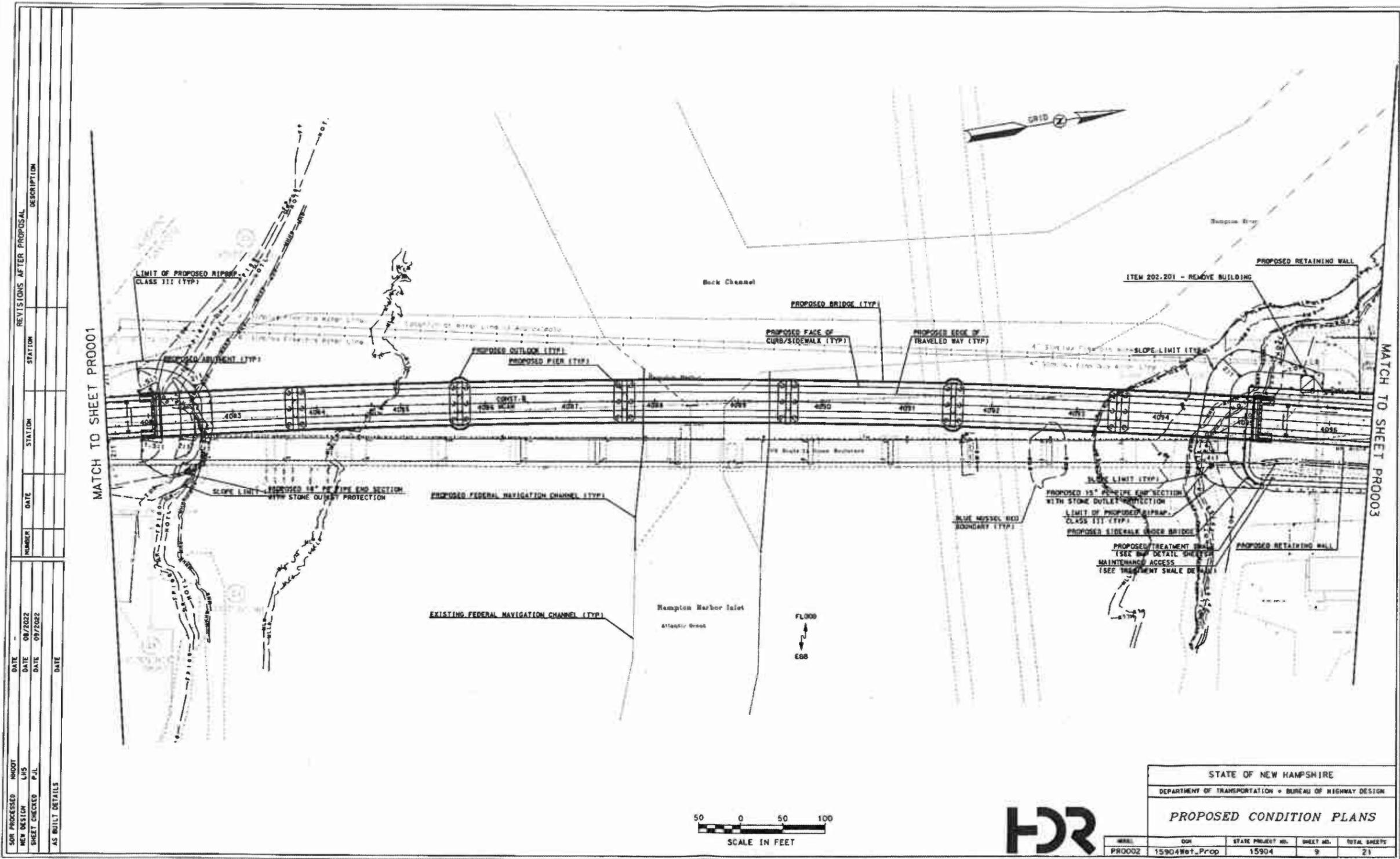
NO. PROCESSED	WHY?	DATE
DESIGN	LHS	08/2022
CHECKED	P-JL	09/2022
AS BUILT DETAILS		

REVISIONS AFTER PROPOSAL	STATION	DESCRIPTION



STATE OF NEW HAMPSHIRE				
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN				
PROPOSED CONDITION PLANS				
MODEL	CON	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
PR0001	15904Met_Prod	15904	8	21

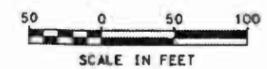




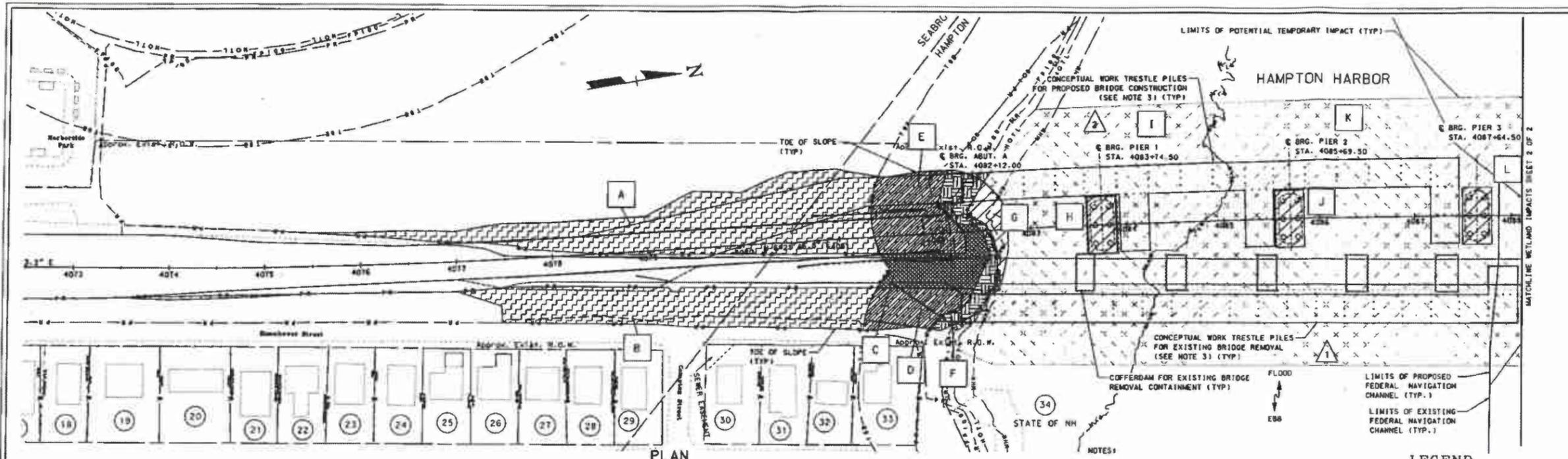
NO.	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION

NO.	DATE	DESCRIPTION



STATE OF NEW HAMPSHIRE				
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN				
PROPOSED CONDITION PLANS				
NO.	DATE	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
PRO002	15904Wet_Prop	15904	9	21



PLAN
SCALE: 1" = 50'-0"

WETLAND NUMBER	WETLAND CLASSIFICATION	LOCATION	AREA IMPACTS								DESCRIPTION	LINEAR STREAM IMPACTS FOR MITIGATION						
			PERMANENT				TEMPORARY					BANK LEFT	BANK RIGHT	CHANNEL				
			N.H.W.S. (NON-WETLAND)	N.H.W.S. & A.C.O.E. (WETLAND)	TEMPORARY	RESTORATIVE	SF	LF	SF	LF				LF	LF			
		A	24002															
		B	16282															
		C	4629															
		D	3823															
		E	6830															
		F	3830															
2	E2US2 (INTERTIDAL)	G		1911														
2	E2US2 (INTERTIDAL)	H		1800														
2	E2US2 (INTERTIDAL)	I				51373												
1	E1UBL (SUBTIDAL)	J		1800														
1	E1UBL (SUBTIDAL)	K				24643												
1	E1UBL (SUBTIDAL)	L		1800														
1	E1UBL (SUBTIDAL)	M		915														
1	E1UBL (SUBTIDAL)	N		255														
1	E1UBL (SUBTIDAL)	O		2243														
1	E1UBL (SUBTIDAL)	P		1800														
1	E1UBL (SUBTIDAL)	Q		1800														
1	E1UBL (SUBTIDAL)	R		238														
2	E2US2 (INTERTIDAL)	S		1062														
2	E2US2 (INTERTIDAL)	T		9099														
2	E2US2 (INTERTIDAL)	U				3857												
		V	3712															
		W	11883															
		X	2295															
		Y				4851												
TOTAL			76906	21131		322834								4675	6522	10197		

PERMANENT IMPACTS: 88037 SF
 TEMPORARY IMPACTS: 322834 SF
 TOTAL IMPACTS: 420871 SF



- NOTES:
- THE LOCATIONS OF TRESTLE AND BARGE CONSTRUCTION ARE APPROXIMATE AND WILL BE DESIGNED BY CONTRACTOR. ALL TEMPORARY IMPACTS SHALL BE WITHIN THE LIMITS OF POTENTIAL TEMPORARY IMPACTS DELINEATED ON THE PLAN.
 - INTERTIDAL IMPACT AREAS EXTEND FROM HDTL TO M.L.W. SUBTIDAL IMPACT AREAS ARE BELOW M.L.W.
 - TEMPORARY IMPACT AREAS WILL BE LIMITED TO TRESTLE PILES. IMPACT AREAS FOR PILES SUPPORTING ACCESS BARGES ARE ESTIMATED ASSUMING (5) 2'-0" DIAMETER PIPE PILES EVERY 50'-0" AND THEN FACTORED BY 2 TO ALLOW FOR CONTRACTOR FLEXIBILITY (APPROXIMATELY 2800 SF).
 - TEMPORARY IMPACT AREAS FOR CONSTRUCTION ACCESS BARGES ARE ESTIMATED ASSUMING (4) 2'-0" DIAMETER SPUDS PER BARGE, 3.145 SF/SPUD @ 4 SPUDS/BARGE @ 5 RE-ANCHORS/BARGE @ 62.8 SF IMPACTS PER BARGE @ 8 BARGES THEN FACTORED BY 2 TO ALLOW FOR CONTRACTOR FLEXIBILITY (APPROXIMATELY 1010 SF).
 - TWO EXISTING WATERLINES LIE WEST OF THE BRIDGE. THE EXPOSED LENGTH OF THE WATERLINES IN THE CHANNEL SUBJECT TO TIDAL INFLUENCE IS 700 FT. TEMPORARY RESTRAINT IS NEEDED TO CONSTRUCT THE TRESTLES. TEMPORARY IMPACTS ARE ASSUMED TO BE 5 FT FOR EACH WATERLINE. (2 LINES x 700 FT x 5 FT = APPROXIMATELY 7,000 SF).
 - FILL VOLUMES PRESENTED IN THE TABLE ARE MEASURED FROM THE HDTL ELEVATION DOWN TO EXISTING GRADE. DREDGE VOLUMES PRESENTED IN THE TABLE ARE FROM EXISTING GRADE DOWN TO THE BOTTOM OF EXCAVATION. THE SUM OF THE VOLUMES EQUALS TO TOTAL NON-NATIVE MATERIAL PLACED WITHIN THE HDTL LIMITS.

LEGEND

TYPE OF WETLAND IMPACT	SHADING/MATCHING
NEW HAMPSHIRE WETLANDS BUREAU & ARMY CORP. OF ENGINEERS (PERMANENT WETLAND)	[Diagonal Hatching]
TEMPORARY IMPACTS	[Cross-hatching]
PERMANENT TOB IMPACTS	[Grid Pattern]
PERMANENT TBZ IMPACTS - UNDEVELOPED	[Stippled]
PERMANENT TBZ IMPACTS - DEVELOPED	[Dotted]
TEMPORARY TBZ IMPACTS - DEVELOPED	[Hexagonal Pattern]
PRIORITY RESOURCE AREA - PERMANENT DUNE IMPACTS	[Square Pattern]

STATE OF NEW HAMPSHIRE
 DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN

PROJECT: SEABROOK HAMPTON BRIDGE NO. 234-023 STATE PROJECT 1564

LOCATION: NHA OVER HAMPTON RIVER

WETLAND IMPACTS PLAN (SHEET 1 OF 2)

DESIGNED: LJS ON 22 CHECKED: PLS ON 22
 DRAWN: LJS ON 22 CHECKED: NDK ON 22
 SCALE: 1" = 50'-0"

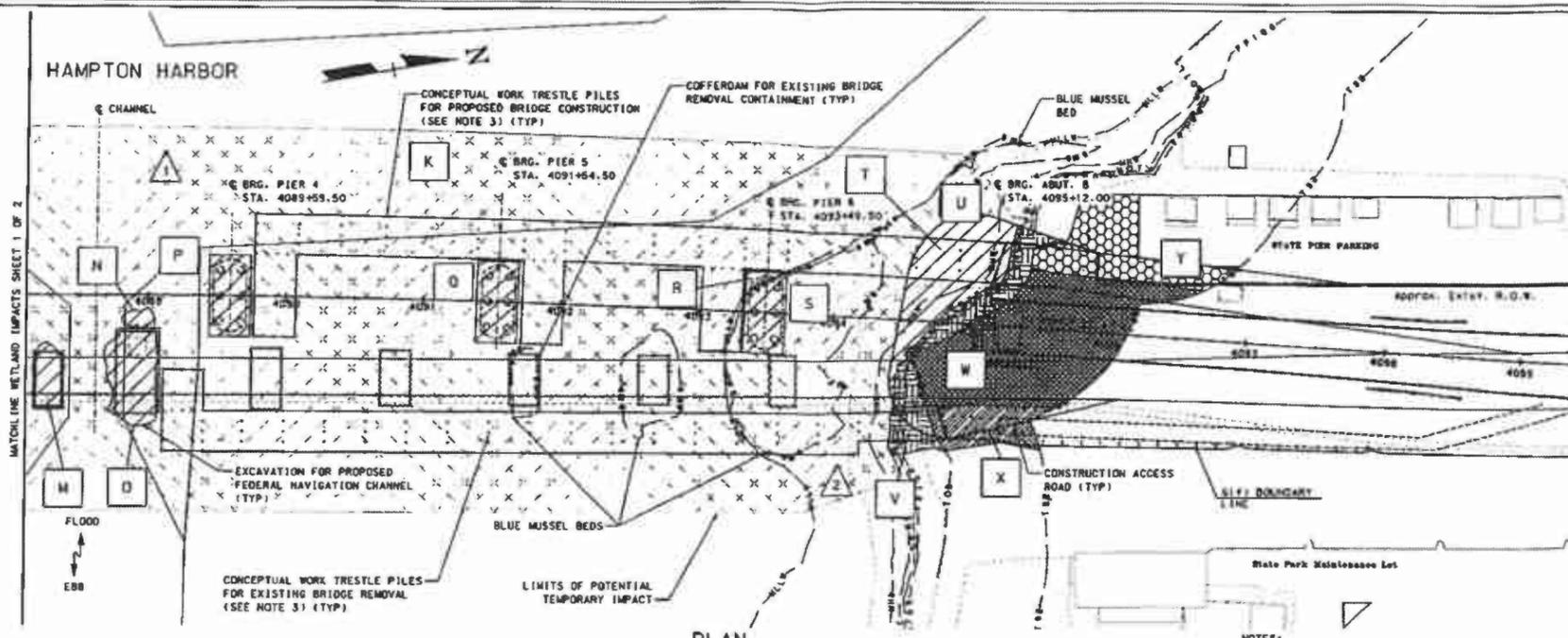
ISSUE DATE: 6/26/2013

PROJECT NO: X-A001(026)

SHEET NO: 11

TOTAL SHEETS: 21





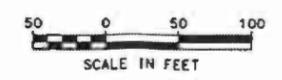
- NOTES:
- THE LOCATIONS OF TRESTLE AND BARGE CONSTRUCTION ARE APPROXIMATE AND WILL BE DESIGNED BY CONTRACTOR. ALL TEMPORARY IMPACTS SHALL BE WITHIN THE LIMITS OF POTENTIAL TEMPORARY IMPACTS DELINEATED ON THE PLAN.
 - INTERTIDAL IMPACT AREAS EXTEND FROM MTL TO MLLV. SUBTIDAL IMPACT AREAS ARE BELOW MLLV.
 - TEMPORARY IMPACT AREAS WILL BE LIMITED TO TRESTLE PILES. IMPACT AREAS FOR PILES SUPPORTING ACCESS TRESTLES ARE ESTIMATED ASSUMING (5) 2'-0" DIAMETER PIPE PILES EVERY 30'-0" AND THEN FACTORED BY 2 TO ALLOW FOR CONTRACTOR FLEXIBILITY (APPROXIMATELY 2800 SF).
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 - FILL VOLUMES PRESENTED IN THE TABLE ARE MEASURED FROM THE MTL ELEVATION DOWN TO EXISTING GRADE. DREDGE VOLUMES PRESENTED IN THE TABLE ARE FROM EXISTING GRADE DOWN TO THE BOTTOM OF EXCAVATION. THE SUM OF THE VOLUMES EQUALS TO TOTAL NON-NATIVE MATERIAL PLACED WITHIN THE MTL LIMITS.

LEGEND

TYPE OF WETLAND IMPACT	SHADING/MATCHING
NEW HAMPSHIRE WETLANDS BUREAU & ARMY CORP OF ENGINEERS (PERMANENT WETLAND)	[Pattern]
TEMPORARY IMPACTS	[Pattern]
PERMANENT TOB IMPACTS	[Pattern]
PERMANENT TBZ IMPACTS - UNDEVELOPED	[Pattern]
PERMANENT TBZ IMPACTS - DEVELOPED	[Pattern]
TEMPORARY TBZ IMPACTS - DEVELOPED	[Pattern]
PRIORITY RESOURCE AREA - PERMANENT DUNE IMPACTS	[Pattern]

WETLAND NUMBER	WETLAND CLASSIFICATION	LOCATION	WETLAND IMPACT SUMMARY								DESCRIPTION	LINEAR STREAM IMPACTS FOR MITIGATION				
			PERMANENT				TEMPORARY					RESTORATIVE	BANK LEFT	BANK RIGHT	CHANNEL	
			N.H.W.B. (NON-WETLAND)		N.H.W.B. & A.C.O.E. (WETLAND)		SF	LF	SF	LF						SF
		A	24002											216	216	197
		B	16282													
		C	4429													
		D	3833													
		E	6830													
		F	3930													
2	E2US2 (INTERTIDAL)	G			1911											
2	E2US2 (INTERTIDAL)	H			1800											
2	E2US2 (INTERTIDAL)	I					51373									
1	E1UBL (SUBTIDAL)	J			1800											
1	E1UBL (SUBTIDAL)	K						246453								
1	E1UBL (SUBTIDAL)	L			1800											
1	E1UBL (SUBTIDAL)	M			813											
1	E1UBL (SUBTIDAL)	N			285											
1	E1UBL (SUBTIDAL)	O			2243											
1	E1UBL (SUBTIDAL)	P			1800											
1	E1UBL (SUBTIDAL)	Q			1800											
1	E1UBL (SUBTIDAL)	R			238											
2	E2US2 (INTERTIDAL)	S			1562											
2	E2US2 (INTERTIDAL)	T			5099											
2	E2US2 (INTERTIDAL)	U						20357								
		V	3712													
		W	11693													
		X	2295													
		Y						4651								
TOTAL			76906		81131			322834						4675	5522	10197

PERMANENT IMPACTS: 89037 SF
 TEMPORARY IMPACTS: 322834 SF
 TOTAL IMPACTS: 420871 SF



STATE OF NEW HAMPSHIRE
 DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN

TOWN: SEABROOK/HAMPTON BRIDGE NO: 224025 STATE PROJECT: 1944

LOCATION: I-95 OVER HAMPTON RIVER

WETLAND IMPACTS PLAN (SHEET 2 OF 2)

DESIGNED	DATE	CHECKED	DATE	BY	DATE
DRAWN	DATE	CHECKED	DATE	BY	DATE
QUANTIFIED	DATE	CHECKED	DATE	BY	DATE
ISSUE DATE	PROJECT NUMBER		SHEET NO.		TOTAL SHEETS
REV. DATE	X-A-001(026)		12		21

7015 0640 0007 9795 6934

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Return Receipt (electronic) \$ _____

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Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

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WILLIAM M. MANZI, III -Town manager
PO BOX 456
SEABROOK, NH 03874

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

7015 0640 0007 9795 6927

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