

**GENERAL PROVISIONS –
CONTRACT SPECIFIC**

GENERAL PROVISIONS – CONTRACT SPECIFIC

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1. BRIEF SCOPE OF WORK:

Rhode Island Contract No. 2024-CB-048, Federal-Aid Project No. BRO-044H(002) Bridge Group 44H – Nonquit Pond for the replacement of Nonquit Pond Bridge No. 292 in the Town of Tiverton will consist of, but is not limited to erosion control, relocation of existing utilities, concrete abutments, wingwalls, pile caps, steel micropiles, approach slabs, rehabilitation of existing reinforced concrete abutments and wingwalls, elastomeric bearings, prestressed concrete NEXT D beams, full depth pavement, guardrail installation, field office, mobilization, maintenance and protection of traffic, loam and seed, and all other incidentals required to finish the work of this contract, complete and accepted.

Overhead utilities and a water main are present at Bridge No. 292. The overhead utilities will be temporarily relocated during construction and relocated permanently after construction. The water main is located south of the bridge and will remain in place.

2. LIST OF CONTRACT DOCUMENTS:

The Contract Documents include the following contents:

- February 2024 Edition of the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction
- Required Contract Provisions for Federal-Aid Construction Contracts
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- Subsurface Exploration Logs
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- Existing Conditions Survey Plan

3. UTILITY AND MUNICIPAL NOTIFICATION AND COORDINATION

The following utility and municipal contacts are provided:

RI Energy – Gas

James Paulette
Principal Engineer
Rhode Island Energy - Gas
477 Dexter Street
Providence, RI 02903
401-465-8580
JMPaulette@rienergy.com

Rhode Island Energy – Electric

Patrick Ventre
Project Manager
RI Energy - Electric
280 Melrose Street
Providence, RI 02907
732-672-3359
pventre@rienergy.com

CoxCom, LLC
Shawn Murphy
Right-of-Way Agent II
Cox Communications / Northeast Region
Office: 401-430-5599
Shawn.Murphy@cox.com

Verizon
Peter DeCosta
Engr III Spec-Ntwk Eng&Ops
Verizon State Highway Coordinator
85 High Street
Pawtucket, RI 02860
Cell: 508-944-6701
peter.x.decosta@verizon.com

Town of Tiverton
Chris Cotta
Town Administrator, Town of Tiverton
343 Highland Road
Tiverton, RI 02878
Telephone: (401) 625-6710
administrator@tiverton.ri.gov

Town of Tiverton, DPW
Richard F. Rogers, Jr.
Director of Public Works
Department of Public Works, Tiverton
50 Industrial Way
Tiverton, RI 02878
Office: 401-625-6760
Fax: 401-625-6783
dpw@tiverton.ri.gov

Newport Department of Utilities
Robert Schultz, Jr.
Director of Utilities
70 Halsey Street
Newport, RI 02840
Telephone: (401) 845-5600
Emergency After Hours: (401) 845-5826

Tiverton Fire Department
William S. Bailey, III
Fire Chief
85 Main Road
Tiverton, RI 02878
401-625-6707
chief@tivertonfire.com

Little Compton Fire Department
Richard G. Petrin
Fire Chief
60 Simmons Road
Little Compton, RI 02837
401-635-2013

Portsmouth Fire Department
Paul Ford
Fire Chief
2300 E. Main Road
Portsmouth, RI 02871
401-683-1200

Westport Fire Department
Daniel K. Baldwin
Fire Chief
54 Hix Bridge Road
Westport, MA 02790
401-636-1109

Upon award, the Contractor shall notify all applicable utility companies relative to their anticipated construction start date. Immediately following the Pre-Construction Conference, the Contractor shall initiate all required utility notifications.

The locations of existing utilities have been shown on the Plans using the best available information and are approximate only. The Contractor shall verify the exact locations of all existing utilities and service connections both underground and overhead in accordance with

DIG SAFE prior to commencing any work that may impact the utilities in the area. Any damage to the utilities, which are detailed by DIG SAFE or shown on the Plans, shall be the Contractor's responsibility. The cost to repair such damage shall be borne by the Contractor.

The Contractor shall contact DIG SAFE (1-888-344-7233) prior to commencing with construction.

Nonquit Dam and Fish Ladder Access

The property to the north of Bridge No. 292, including Nonquit Dam and Fish Ladder, is owned by the City of Newport as part of their drinking water distribution system, and is used by RIDEM Fish and Wildlife to monitor fish migrations through the fish ladder. The Contractor shall provide the City and RIDEM access to the property for operation and maintenance of the structures and their equipment. The Contractor shall coordinate with the City and their water department, and RIDEM (Patrick McGee patrick.mcgee@dem.ri.gov) to alert them of any operations that may disrupt access to the property and avoid any conflicts with required operation or maintenance that the City, or RIDEM alerts the Contractor of during construction.

Rhode Island Energy – Gas

Regulations

- a. Contractor shall follow the guidelines listed in RI Energy's "Guidelines for Working Around Gas Utilities", document attached.
- b. Depth of gas facilities are unknown and could be shallow, use caution when working in the vicinity of any gas facility, hand digging only.
- c. RI Energy requires a minimum of one foot of separation between crossing utilities and existing gas facilities.
- d. RI Energy requires a minimum of three feet of separation between the gas main and the parallel facility for steel and plastic gas mains. **For cast iron gas main see line item for encroachment guidelines.**
- e. At a proposed utility and **critical** gas main crossing, a RI Energy gas damage prevention inspector must be on site when crossing. Call Ed Souza at 401-283-9159 or Jeff Cassel at 508-468-7217.
- f. If a **gas main is exposed or going to be exposed** call RI Energy dispatch at 877-304-1203 for an inspector to be dispatched to the site to inspect the line before backfill.
- g. If a **gas main or gas main coating is damaged** call RI Energy dispatch office at 877-304-1203 for an inspector to be dispatched to the site for repair before backfill.
- h. For any exposed gas facility, provide backfill materials and compact the backfill materials in accordance with RI Energy's "Guidelines for Backfill and Compaction Around Gas Pipes", document attached.
- i. When crossing or exposing a steel or plastic gas facility support may be required. Follow the guidelines listed and illustrated in RI Energy's "Support Requirements for Exposed & Undermined Steel or Plastic Gas Facilities", document (dwg no. CNST-6045) attached.
- j. All gas valve boxes shall be adjusted to the new road/sidewalk surface. Valve boxes, if required for replacement, can be obtained at Rhode Island Energy's Providence location, 477 Dexter Street, Providence, RI or Lincoln location, 642 George Washington Highway

- (quantities 5 or less). Gas valve boxes need to be accessible at all times to be operated by RI Energy in the event of an emergency.
- k. All cathodic protection boxes (boxes that contain wires that go down to the gas main) shall be adjusted to the new road/sidewalk surface. Care shall be exercised when adjusting so as not to damage the wires. If the wires are damaged or if assistance is needed, contact RI Energy corrosion engineer to visit the site. Contact Rick LePage 508-948-8432. New boxes, if required, can be obtained at RI Energy's Providence facility, 477 Dexter Street, Providence, RI or RI Energy's Lincoln facility, 642 George Washington Highway, Lincoln, RI (quantities 5 or less). Contractor shall follow the guidelines listed in RI Energy's "Guidelines for Working Around Corrosion Control System Components", document attached.
 - l. Due to system reliability and public safety concerns, it is RI Energy's practice to restrict all construction work on or near gas facilities between November 15th and April 15th. All scheduled work should be completed between April 15th and November 15th. As gas usage peak during the months of December to March driven by heating needs, RI Energy's priority is to provide our customers with safe and reliable gas service. Any work on or near the gas facility will expose our customers to unnecessary risk. Exceptions will be considered on a case-by-case basis. Approvals from gas control, operational engineering, and project engineering will be required for these cases.
 - m. For a gas leak call 800-640-1595.
 - n. For a damaged gas facility call 800-870-1664.
 - o. RI Energy will purge our old gas main of gas, wipe test sample the inside of the pipe, cap the ends and abandon in place. Pipe four inches and less in diameter can't be sampled; this pipe will be assumed to be contaminated. If the wipe test results show PCB contamination and a section or sections need to be removed by the contractor then the contractor will need to transport the removed sections with sealed ends to either our Allens Ave facility at 642 Allens Ave in Providence or our Dexter St facility at 477 Dexter St in Providence or our Lincoln facility at 642 George Washington Hgwy in Lincoln and place them in our red open top "Pipe to be Cleaned" container on site. RI Energy would then handle the cleaning and proper disposal. RI Energy also requires that the open pipe ends of the abandoned pipe remaining in the ground be capped or sealed with expanding foam. If the wipe test shows that the pipe has no PCB contamination then removed sections can just be disposed of by the contractor as scrap metal.

Cast Iron Involvement

- p. If excavating parallel to or crossing a cast iron gas facility then encroachment of the cast iron line is a possibility and a concern where replacement may be required. Whenever an excavation is in the vicinity of a cast iron gas main contact RI Energy encroachment engineer to be on site, call Ed Souza at 401-283-9159 or Jeff Cassel at 508-468-7217. Guidelines in avoiding an encroachment are listed in RI Energy's "Cast Iron Gas Main Encroachment Prevention", document attached.
- q. If excavating parallel to or crossing a cast iron facility that is greater than 8", this line is not covered under the encroachment guidelines and law. RI Energy does not allow more than 10' of gas main to be exposed and only allows (1) bell & spigot joint to be exposed. If a bell & spigot joint is exposed said joint must be leak clamped before backfill unless a clamp is already in place. Provide backfill materials and compact the backfill materials in accordance with RI Energy's "Guidelines for Backfill and Compaction Around Gas Pipes", document attached. Minimum 95% compaction of the soil below a cast iron is always required.

Always call RI Energy damage prevention department for an inspector to be dispatched to site. Call Ed Souza at 401-283-9159 or Jeff Cassel at 508-468-7217.

Regulator station

- r. RI Energy requires notification of construction work within 200 ft of a gas regulator station for safety monitoring during construction. Please call RI Energy I&R Supervisor Mike Romano at 617-910-7854 or George Maerkle at 401-595-8276 or Jay Costa at 781-290-3515 when digging within 200 ft of regulator station. After hours, please call 877-304-1209.

Conduit Installs

- s. Rhode Island Energy requires a one-foot separation between proposed conduit and any gas facility.
- t. Rhode Island Energy does not allow the use of grinding wheel type trenchers over any gas facility, hand digging only in these areas.
- u. If it is necessary to go under our facility and our facility is 4", 6" or 8" cast iron, then encroachment becomes an issue. In order to avoid an encroachment and avoid the main section being replaced keep the trench width for 4" cast iron to less than 3' wide and for 6" cast iron to less than 4' wide and for 8" cast iron to less than 5'6" wide. 95% compaction of the soil below a cast iron is always required and proper backfill in accordance with our backfill and compaction around gas mains document. If an encroachment is suspected please call Ed Souza at 401-283-9159 or Jeff Cassel at 508-468-7217.

See Appendix "A" – RI Energy Guidelines for Working Around Gas, for the above referenced attachments.

4. COORDINATION WITH OTHER CONTRACTS

It shall be the Contractor's responsibility to coordinate, cooperate and schedule his work and all segments thereof with the Engineer, other contractors, utility owners, and applicable local authorities, so as to minimize impacts to the construction schedule. Refer to Section 105.07 of the Standard Specifications for additional information.

The Contractor is hereby notified that the construction projects listed below will be ongoing simultaneously with their contract and they shall be responsible to coordinate their work efforts with those Contractors:

- RIC No. 2023-CM-016 Main Road (Route 77) over Quaket Creek Culvert Replacement

5. SPECIALTY ITEMS

Specialty Items in this Contract are as follows:

- Directional, Regulatory, and Warning Signs (other than temporary construction signs)
- Seeding
- Landscaping
- Guardrail
- Prestressed Concrete Beams

- Elastomeric Bearings
- Granite Identification Tablets
- Resetting of Existing WPA Plaques
- Micropiles and Load Tests

6. NOTICE TO CONTRACTORS

A. Standard Specifications

The reference “Standard Specifications” as written in the General Provisions – Contract Specific and the Job Specific Specifications shall mean the February 2024 edition of the Rhode Island Department of Transportation Standard Specifications for Road and Bridge Construction.

B. Contract Submittal List (CSL)

The Contractor shall prepare the Contractor Submittal List (CSL) listing shop drawings and submittals required for this Contract. The Contractor shall identify shop drawings and submittals that are critical to the commencement of the construction. A preliminary CSL is included in Appendix “B”. Shop drawings and submittals are required for, but not limited to, the items included in the CSL.

C. Plans and Shop Drawings

The Contractor shall note specification “105.02 Plans and Shop Drawings”. In addition to submitting in the PMP, the Contractor shall submit Shop Drawings electronically directly to the Consulting Engineer Andrew Prezioso, P.E. (APrezioso@VHB.com) – VHB, to the RIDOT Project Manager, and to the Construction Manager.

D. Use of Explosives

The Contractor is NOT allowed to use explosives on this project.

E. Unit Bid Item and Lump sum Bid Item Payments

For requirements and work described in the Contract Documents but not expressly identified to be measured separately for payment, the costs thereof shall be included in the contract bid prices of the items of work to which they pertain as listed in the Proposal.

F. Dust Control

The Contractor is prohibited from using calcium chloride as dust control. The Contractor shall only use water to control dust.

G. Storage of Construction Material and/or Equipment

The Contractor shall place all equipment and material in their field yard or on site in a location approved by the Engineer.

Storage of materials shall be coordinated with and approved by the Engineer. Storage of construction material and/or equipment shall be a minimum distance of 30 feet from the roadway.

Stockpiles shall be covered and must be located outside any areas of RIDEM and CRMC jurisdiction including but not limited to wetlands and their associated buffers. Any storage or stockpile of construction material and/or equipment on private property will be the Contractor's responsibility.

There shall be no storage of construction equipment and/or parking of vehicles under the drip lines of any trees.

H. Disposal of Surplus Material

All existing or other material not required or needed for use on the project, and not required to be removed and stockpiled, shall become the property of the Contractor and shall be removed from the site during the construction period and legally disposed of. No separate payment will be made for this work, but all costs in connection therewith shall be included in the unit bid prices for this Contract.

I. Project Coordination Meetings

When a field meeting or in-person meeting is required, all personnel shall have the appropriate personal protective equipment (PPE) devices.

J. Road/Lane Closures

The Contractor shall notify the Department 3 weeks in advance of a bridge or roadway closure/split/shift/travel lane width reductions on any roads within the State.

All full closures, splits, or shifts shall be scheduled to begin on ***Friday or Saturday night***, as determined by the TMP, to allow motoring public time to adjust to new travel patterns while allowing RIDOT the opportunity to evaluate its success. Construction work can commence on the Monday following the evaluation period.

Any exceptions to this must be approved by the Senior Management of the Department.

K. Construction Signage

The Contractor shall be responsible for maintaining appropriate construction related signing at all times. All temporary construction signs not appropriate for the construction activity taking place shall be removed, covered, or otherwise concealed. This includes the period between erecting the signs, and the start of construction, as well as when a construction phase is completed, or suspended. All signs not appropriate for lane closures, speed limits or construction activity taking place at any given time shall be removed or covered.

L. Right-of-Way

Plans for Highway Acquisition, Permanent Easements, Permanent Aerial Easements, and Temporary Highway Easements for Plat No. 3004 were submitted for approval in July 2024.

M. Bridge Inspection Report

Rhode Island Department of Transportation, Bridge Inspection Report – Nonquit Pond Bridge No. 029201, dated 10/03/2019, is available for informational purposes only and may be requested from RIDOT. It shall not be considered part of the Contract Documents. The Contractor shall be responsible for field-verifying the information shown in this document.

N. Concrete Color

The Contractor is to coordinate, through the RIDOT Project Engineer, with the Rhode Island Historical Preservation and Heritage Commission for approval of the proposed concrete color of the parapets and endpost.

O. Bridge Signage

Any removal of bridge posting signs needs to be made in coordination with the RIDOT Bridge Ratings Group and RIDOT Maintenance and not by the Contractor.

P. Existing Foundations

The Contractor shall field verify the location of the existing substructure, the proposed pile caps, and the proposed micropiles to determine the locations where the proposed pile caps will interfere with the existing structure. The Engineer shall be notified if pile locations need to be moved to accommodate the existing structure.

7. SEQUENCE OF CONSTRUCTION AND SCHEDULE

General Stipulations: The Contractor shall adhere to the following requirements:

- a) The Contractor shall coordinate, cooperate and schedule his work and all segments thereof with the Engineer, other contractors, utility owners, and applicable local authorities, so as to minimize impacts to the construction schedule.
- b) Included as an appendix to these Contract Specific General Provisions is the Transportation Management Plan (TMP) for this project. The TMP lays out the set of coordinated transportation management strategies that will be used to manage the work zone safety and mobility impacts of this project. In the event of a discrepancy between information in the TMP and information elsewhere in the Contract Documents, the former shall govern.
- c) All work shall be completed in accordance with the Traffic-Related Work Restrictions indicated in the Transportation Management Plan (See Appendix "C").
- d) The Department's latest Training Guidelines for Personnel Responsible for Work Zone Safety & Mobility are available under the "Contractors & Consultants" section at <http://www.dot.ri.gov/business/contractorsandconsultants.php>
- e) The Contractor is advised that the signs and other traffic control devices shown on the Traffic Control Plans and Details are minimum requirements. The Contractor shall be

responsible to supplement these as required to ensure the public's safety. All traffic control set-ups shall conform to the latest edition of the Manual on Uniform Traffic Control Devices, with latest revisions.

- f) Before starting construction activities that require traffic control, the Contractor shall furnish and install all construction signing and traffic control devices. All temporary construction signs shall be removed, covered or otherwise concealed when they are not needed to properly warn drivers and/or pedestrians. The Contractor shall be compensated for this under Item Code 937.0100, "Furnish, Install, Maintain, and Move Temporary Traffic Protection".
- g) The Contractor shall coordinate requirements for Uniformed Traffic Control Persons with the Engineer who will coordinate with the local police department.
- h) In cases of emergency and/or as directed by the Engineer, the Contractor shall move equipment to allow for the passage of emergency vehicles and/or open closed lanes to maintain traffic flow.
- i) The Contractor shall not commence work that impacts vehicular and pedestrian traffic until fabrication of materials required to complete such work is finished and on site.
- j) The Contractor will be permitted to work during both daytime and nighttime hours provided that the minimum number of lanes and shoulders listed in TMP are maintained and access to and egress from all side streets, driveways, buildings, and other pedestrian pathways are maintained. To minimize impacts to traffic and local businesses, all pavement marking installation shall be performed at night.

8. SMALL-SITE STORMWATER POLLUTION PREVENTION PLAN

The Small-Site Stormwater Pollution Prevention Plan (SWPPP) for this project is included as an appendix (See Appendix "D"). The SWPPP provides guidance for complying with the terms and conditions required under the General Permit, however, this document does not negate or eliminate the need to understand and adhere to all applicable RIPDES regulations.

The Small-Site Stormwater Pollution Prevention Plan details the anticipated erosion & sediment controls required for this project. The Contractor must designate a SWPPP contact person, experienced in storm water management on construction sites, who is available on site throughout the life of the project, and who has the authority to direct contractor's personnel and/or subcontractor's personnel in carrying out corrective actions requested by the SWPPP Inspector or RIDOT's Construction Manager. The Contractor's designated SWPPP contact person must be available to oversee all SWPPP related activities and to accompany the SWPPP Inspector or RIDOT's Construction Manager, as requested, when inspections are performed. The Contractor shall identify the SWPPP contact person at the Pre-Construction Meeting. The SWPPP contact person should be at the Pre-Construction Meeting if possible.

9. ENVIRONMENTAL PERMITS

Environmental permits and consultations for the replacement of Nonquit Pond Bridge No. 292 are included in Appendix "E". Permits include CRMC "CRMP Category B Assent" and USACE "Preconstruction Notification, RIGP 8." It shall be the Contractor's responsibility to comply with all restrictions and stipulations stated or implied by the permits and orders. There will be no special payment for work done to comply with permits and orders unless an item is provided in the proposal for a specific requirement.

Any and all deviations from the approved permit operations or conditions shall be submitted for approval to the corresponding permitting agency or agencies. Work that deviates from approved permit operations or conditions shall not begin without receipt of the proper approvals.

10. NATURAL RESOURCES

The Contractor shall adhere to the following natural resource sections. Additional information regarding endangered species and the "no effect" determination are included in Appendix "F".

NATIONAL MARINE FISHERIES SERVICE (NMFS) ENDANGERED SPECIES ACT (ESA) AND ESSENTIAL FISH HABITAT (EFH) PROTECTION

Essential fish habitat consultation under the Federal Highway Administration (FHWA)/NMFS Greater Atlantic Fisheries Office (GARFO) Programmatic EFH and ESA Section 7 consultation under the FHWA GARFO NLAA Program was completed for the replacement of Nonquit Pond Bridge No. 029201 over Almy Creek in Tiverton, RI. Compliance with the requirements below are necessary to ensure compliance with the programmatic:

Ensure all operators, employees, and contractors are aware of all FHWA environmental commitments when working in areas where EFH and ESA-listed species may be present.

Contact the RIDOT Natural Resources Unit (401-479-1327) for questions about restrictions or conservation measures.

Conservation Measures

Any temporary discharges must meet state water quality standards (e.g., no discharges of substances in concentrations that may cause acute or chronic adverse reactions, as defined by EPA water quality standards criteria).

Turbidity control measures must be properly secured and monitored to ensure aquatic species are not entangled or trapped in the project area. Prevent construction debris and sediment from entering aquatic areas and remove all construction debris and excess/deteriorated materials and dispose of in an upland area. Ensure that raw concrete does not contact the water; wet pours of concrete must be confined within sealed forms until the concrete is set or pre-cast members installed.

Install soil erosion, sediment, and turbidity controls and maintain them in effective operating condition during construction. Remove controls upon completion of work, after all exposed soil and other fills, as well as any work waterward of ordinary high water or the high tide line, are permanently stabilized.

Prevent construction debris and sediment from entering aquatic areas and remove all construction debris and excess/deteriorated materials and dispose of in an upland area.

Return areas impacted by temporary activities, fills, or structures to pre-construction or better condition, including elevations and substrate, and replant with native species.

Habitat Restoration

Any fill, including planting media and placement of any seed shellfish, spatted-shell, or cultch must be free of all non-native or invasive species and/or contaminants. An invasive species control plan must be part of the project if the transportation agency cannot guarantee this.

Grain size of any sediment used as part of habitat restoration must be the same size or larger than the native material at the site.

Time of Year (TOY) Restrictions

Activities that require soil erosion, sediment, and turbidity controls must not encroach >25% of the stream width measured from mean high water at any time of the year. The project must maintain safe, timely, and effective downstream fish passage throughout the project.

Install and remove all in water soil erosion, sediment, and turbidity controls outside the following TOY restrictions:

Spring: February 1st – June 30th

Fall: September 1st - November 30th

Work can take place during the TOY restrictions in the dry behind the water controls.

PROTECTION UNDER THE MIGRATORY BIRD TREATY ACT

Under the Migratory Bird Treaty Act (MBTA), it is unlawful to intentionally or unintentionally take, capture or kill any migratory bird unless a Migratory Bird Permit is first obtained from the U.S. Fish and Wildlife Service. The USFWS's rules define "take" for MBTA purposes to mean to "pursue, hunt, shoot, wound, kill, trap, capture, or collect." Each violation of the MBTA can result in a fine of \$15,000, imprisonment for six months, or both.

There are few bird species that are not protected under the MBTA; they are Rock Doves (domestic pigeons), House Sparrows, and European Starlings. Although these species are not protected, they must be treated in a humane manner. The Contractor is encouraged to relocate

active nests of unprotected species into nearby trees after approval from the RIDOT Natural Resources Unit (401-479-1327).

Bird species that are protected under the MBTA include all waterfowl, herons, eagles, hawks, falcons, owls and songbirds (including swallows, eastern phoebes and American robins). Nests typically may be found empty, with eggs, or chicks from March 1st to August 31st in trees, brush, open fields, and bridge structures. Raptors (hawks, falcon, owls, and eagles) nest as early as January 22nd through August 31st in or on trees, on telephone poles, open fields, or bridge structures.

Clearing and Grubbing, Tree Removal, and Land Disturbing Activities

A variety of bird species nest in trees, shrubs and grass areas within the highway ROW. If clearing and grubbing, tree removal, staging areas or other land disturbing activities will occur during the migratory bird breeding season (March 1st- August 31st), the Contractor shall avoid any active bird nests. During the breeding season (March 1st - August 31st), the Contractor should inspect the affected right-of-way for bird nests before commencing work. The Contractor shall not disturb any active nests (completed or partially completed nests that contain eggs or nestlings).

The Contractor shall not disturb any active nests (completed or partially completed nests that contain eggs or nestlings). If any active nest is discovered and the nest cannot be avoided, work shall stop and the RIDOT Natural Resources Unit shall be contacted to evaluate the potential for disturbance of nests. The project will avoid the removal and destruction of active bird nests except through federal and state approved options.

At no time should large nests of hawks, falcons or eagles be destroyed, as these species return to the same nest site year after year and reuse the same nest. If a raptor nest must be removed for work to take place, it can be moved in cooperation with the USFWS.

All questions relating to migratory birds and nesting should be directed to the RIDOT Natural Resources Unit (401-479-1327).

Birds Nesting On or Under Bridges

A variety of bird species nest on or under bridges. Before commencing any bridge-related construction activities during the breeding season (March 1st-August 31st), the Contractor shall inspect the bridge(s) for bird nests. If any active nest is discovered, work shall stop and the RIDOT Natural Resources Unit shall be contacted.

The Contractor shall not disturb any active nests (completed or partially completed nests that contain eggs or nestlings). If any active nest is discovered and the nest cannot be avoided, work shall stop and the RIDOT Natural Resources Unit shall be contacted to evaluate the potential for disturbance of nests. The project will avoid the removal and destruction of active bird nests except through federal and state approved options.

At no time should large nests of hawks, falcons or eagles be destroyed, as these species return to the same nest site year after year and reuse the same nest. If a raptor nest must be removed for work to take place, it can be moved in cooperation with the USFWS.

All questions relating to migratory birds and nesting should be directed to the RIDOT Natural Resources Unit (401-479-1327).

Taking of a Migratory Bird

The taking of a migratory bird shall be reported to the RIDOT Natural Resources Unit (401-479-1327). The Contractor shall be responsible for all penalties levied by the USFWS for the taking of a migratory bird. The USFWS's rules define "take" for MBTA purposes to mean to "pursue, hunt, shoot, wound, kill, trap, capture, or collect."

All questions relating to migratory birds and nesting should be directed to the RIDOT Natural Resources Unit (401-479-1327).

NORTHERN DIAMONDBACK TERRAPIN PROTECTION

The Northern diamondback terrapin is listed at a state endangered species in Rhode Island and the following best management practices are to be implemented to protect the turtle and its habitat. This project has been reviewed by the RIDEM Fish & Wildlife Division; the requirements below are required to ensure compliance with state listed species conservation measures.

The Contractor shall ensure all personnel working on the project site are made aware of the potential presence and protected status of the Northern diamondback terrapin. The Contractor shall ensure all personnel working on the project site are aware of all environmental conservation measures related to the terrapin. The Northern diamondback terrapin flyer shall be made available to all personnel and posted on project bulletin boards. Contact the RIDOT Natural Resources Unit (401-479-1327) for questions about project limits, restrictions, or conservation measures.

Before commencing construction activities during the nesting season (April 15th - July 31st), the Contractor shall inspect the work area for terrapin. This can be completed by searching the water for terrapin heads just above the surface.

If any Northern diamondback terrapins are observed in or around the project area at any time, the RIDOT Natural Resources Unit (NRU) must be notified at 401-479-1327.

TRICOLORED BAT PROTECTION

The U.S. Fish and Wildlife Service (USFWS) has proposed to list the tricolored bat as Federally Endangered under the Endangered Species Act (ESA). The following avoidance and minimization measures should be implemented to protect the bat and its habitat. Contact the NRU (401-479-1327) for questions about project limits, restrictions, or conservation measures.

The Contractor shall ensure all personnel working on the project site are made aware of the potential presence and protected status of the tricolored bat. The Contractor shall ensure all personnel working on the project site are aware of all environmental commitments related to the tricolored bat. The tricolored bat flyer shall be made available to all personnel and posted on project bulletin boards. Contact the RIDOT Natural Resources Unit (401-479-1327) for questions about project limits, restrictions, or conservation measures.

Bridge:

A bridge visual assessment was completed on 08/05/2024 and evidence of bats was not found. If bridge work is not completed before 08/05/2026, inspection of the bridge for the presence of, or evidence of use by, bats shall be completed. The Contractor shall notify the RIDOT Natural Resources Unit (NRU) no later than ninety (90) days prior to 08/05/2026 to provide adequate time for inspection. If bats are found to be present, or, if there is evidence of bat usage, work at the bridge shall not commence until after the NRU has completed coordination with the US Fish and Wildlife Service to determine the appropriate actions or mitigation actions.

Tree Cutting and Clearing Restriction:

All phases/aspects of the project (e.g., temporary work areas, alignments) will be modified, to the extent practicable, to avoid tree removal* in excess of what is required to implement the project safely.

All tree removal of trees **equal to or greater than 3-inch diameter at breast height** shall be completed between *November 1st and April 14th*. The Contractor shall ensure tree removal is limited to that specified in project plans. Prior to tree removal the Contractor shall layout the clearing limits in the field (e.g. with bright orange flagging/fencing or another marking method, subsidiary to the Work) to ensure all tree clearing work is within the tree clearing limits.

***“Tree removal”** is defined by the USFWS as cutting down, harvesting, destroying, trimming, or manipulating in any other way the trees, saplings, snags, or any other form of woody vegetation likely to be used by northern long-eared bats.

Lighting:

Direct temporary lighting away from suitable habitat* during the active season (*April 15th to October 31st*). Use downward-facing, full cut-off lens lights, and direct lighting away from suitable habitat when installing new or replacing existing permanent lights.

***away from suitable habitat** means only toward non-forested work site

11. SURVEY LAYOUT NOTES

Field survey work was performed by Martinez Couch & Associates. See Job Specific Plan Symbols, Legend & Notes plan and Existing Conditions Survey plan in the contract plan set for additional information.

The Engineer will not authorize construction activities to begin until they are satisfied that all appropriate ground control has been established, tied down, and duly recorded in standard field books. It is the Contractor's responsibility to ensure that construction layout is provided in sufficient detail, thereby enabling them to construct the project in conformity with the plans, details, and specifications.

There will be no separate payment for this type of survey work, as indicated in Section 934 of the Standard Specifications.

12. WATER MAIN "AS BUILT"

The 24" Newport Water Main "As Built" was provided by the City of Newport Department of Utilities and is available for reference in Appendix "G".

13. GEOTECHNICAL INVESTIGATION AND FOUNDATION REPORT & BORING LOGS

A Geotechnical Investigation and Foundation Report for the Reconstruction of the Nonquit Pond Bridge No. 029201 including boring logs was prepared by Pare Corporation. The Geotechnical Investigation and Foundation Report is available upon request.

Appendix A

Rhode Island Energy Guidelines for Working Around Gas



10/01/12

Guidelines for Working Around Gas Utilities

Notification of Construction

RI Energy requests at least six week advanced notification prior to the start of construction to perform scheduled work in the proposed project area. Be aware that some gas work cannot be performed during the normal heating season.

Support and Protect

Contractor must call Dig Safe to have the gas mains and services marked out before construction. Care must be exercised when saw cutting over any gas infrastructure, especially services, which are more shallow than the main. Depth of gas mains vary. Contractor shall dig test pits in order to ascertain exact locations, cover and invert elevations, clearances, alignment and operating status of existing gas facilities. Contractor shall exercise extreme caution when excavating in the vicinity of any gas facility. Hand excavation shall be performed to locate all gas facilities and whenever digging within 24" of gas facilities. If cover over gas piping is removed the required cover must be replaced, or if not feasible, National Grid must be notified for review of the issue. Undermined gas pipe must be adequately supported and protected from damage. Contact RI Energy engineer for guidelines regarding proper pipe support. Significant vibration from pile driving and such may negatively impact gas facilities, particularly cast iron mains and regulator station vaults. Contact RI Energy engineer prior to performing such activities as well as operations which may undermine gas facilities such as micro-tunneling, jacking, directional drilling, etc.

Gas Leaks

For any gas leak please call the appropriate number immediately.

Greater Boston - 800-233-5325

Other Massachusetts – 800-548-8000

Rhode Island – 800-640-1595

Types of Gas Facilities

Gas mains and services are made of several different materials and contain a wide range of pressures. Typical materials used for buried gas pipe includes bare steel, coated steel, plastic, cast iron, wrought iron, ductile iron, and copper. Never assume that a pipe is not gas. At times gas lines are inserted into older lines to save excavation cost.

Exposure of Gas Facilities

If any gas mains or services become exposed, National Grid must be notified to inspect the line before backfilling. Also any damage that may have been made to the pipe or pipe coating will need to be repaired by National Grid before backfilling. Contact our Dispatch office at (877) 304-1203 for inspection. It is important that even minor damage or scrapes be reported to National Grid. Backfill shall be 6" of sand around the gas line and clean compacted fill above.



Regulator Stations

Gas regulator stations are particularly critical facilities and National Grid must be notified whenever work is to take place within 200 feet of a station. Regulator stations are typically in buried vaults accessed through either manhole covers or aluminum doors. **ONLY AUTHORIZED NATIONAL GRID EMPLOYEES SHALL OPEN A REGULATOR STATION VAULT.** Be aware that a complex nest of piping and valves often exists in the vicinity outside the vaults.

Blasting

National Grid must be notified of any blasting that will take place within 200 feet of a gas utility. National Grid must be supplied with a detailed blast plan for blasting in the vicinity of gas facilities. The evaluation of the blast plan by a National Grid engineer may take some time, therefore, blast plan data should be submitted at least two weeks prior to the planned blasting. As a general rule blasting will not be permitted within 10 feet of a gas line and PPV at the nearest gas pipe shall not exceed 5 in/sec. PPV at the nearest gas main shall be monitored.

Valves

Access to gas valves must be maintained throughout construction and left at grade at the end of construction. Should valve boxes be damaged and need to be replaced National Grid will supply replacements upon request. **NEVER OPERATE A GAS VALVE. ONLY NATIONAL GRID SHALL OPERATE GAS VALVES.**

Clearance

Adequate clearance must be provided when installing other utilities, foundations, structures, etc. Contact National Grid engineer for guidance.

GUIDELINES FOR BACKFILL AND COMPACTION AROUND GAS PIPES

PERMANENT BACKFILL AND COMPACTION

DESCRIPTION

This work shall consist of backfilling and compacting all disturbed material at and around existing gas pipes and facilities. Size of pipe, material, length of exposed pipe, location of pipe, etc. will all follow the same set of Standards and Specifications stipulated by Nationalgrid Company. If design plans call for gas pipes to be exposed and supported (sheeting methods not used), then at the time of backfill, all disturbed material below the invert of the gas pipe shall be removed and replaced with suitable roadway or trench excavation material or bedding material. The contractor will not be allowed to replace this disturbed material with the same existing material if it has now been mixed with adjacent silty subsoil (clays) and fines. Well-graded gravel and sands will be used to replace the unsuitable material when no excess suitable material is available on site. Soils with high humus or mineral content should not be used to for backfill because they can promote electrolytic or bacterial attack.

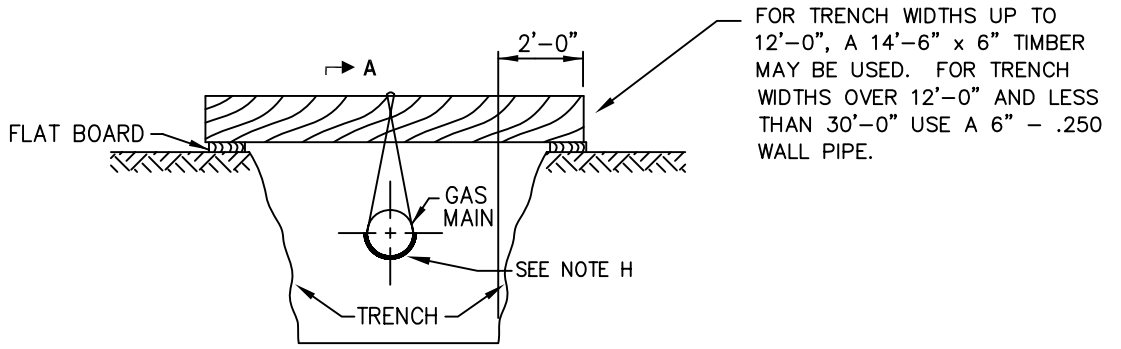
Backfilling the gas pipe should begin immediately after the work in that location is complete. The region within 6" alongside and on top of the gas pipe shall be backfilled with padding sand (free of cinders, ash, and rock). In no case shall the material used for backfilling in this region contain any stones. Backfill shall consist of suitable materials (medium to coarse sands with little or no silts) placed in layers of not more than 8" to 12" after compaction.

Trench spoil material shall be suitable for backfilling above the padding material as long as rocks with a diameter larger than 3" are removed. The layers shall be mechanically compacted to the industry standard of 95% or until a density comparable to the unexcavated material is achieved. In some instances, flooding with water is an acceptable method of compaction but only if the back-fill material is clean, coarse, and adequate drainage is existent. The above specified backfill material is essential in order to attain the degree of compaction necessary to avoid future settlement.

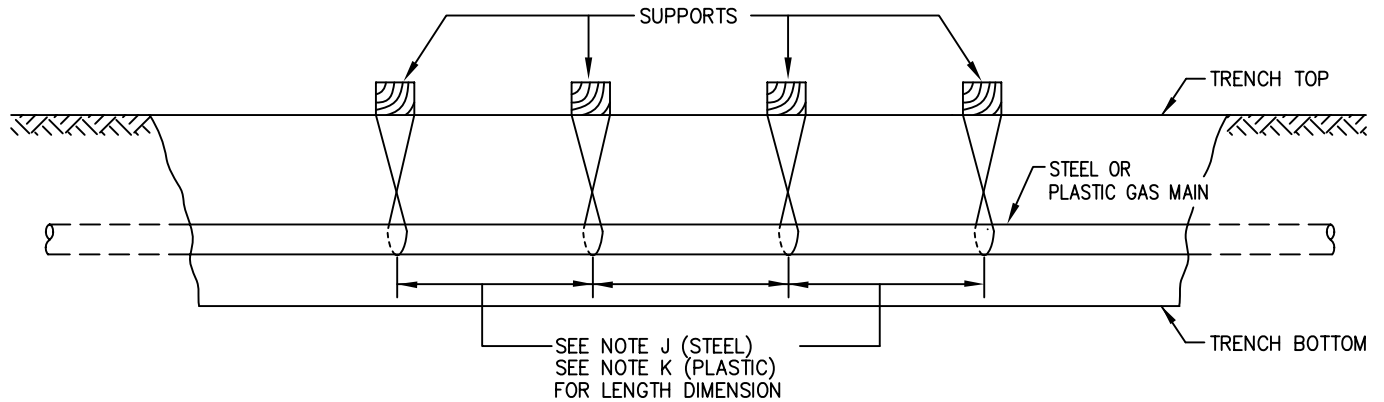
Tracing Wire, if necessary, shall be installed 2" to 6" below Plastic gas pipes.

Warning Tape shall be installed approximately 12" above the gas pipe.

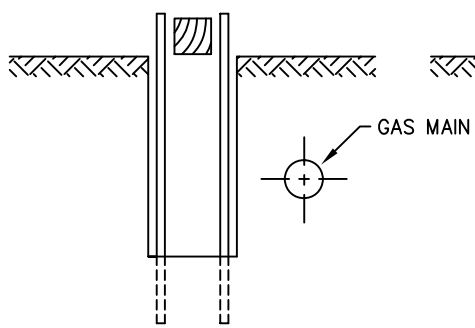
A minimum of 2" temporary pavement shall be applied over the trench as soon as possible.



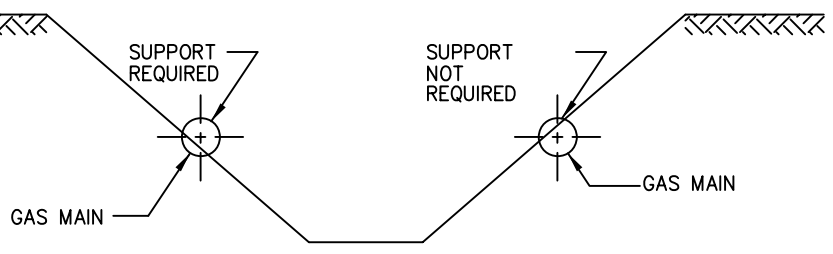
EXPOSED SUPPORT



SUPPORTED LENGTH A-A



ADEQUATELY SHORED TRENCH
DETAIL A
SEE NOTE B



INADEQUATELY SHORED OR UNSHORED TRENCH
DETAIL B
SEE NOTE B

<p>LI-MA-NH-NYC</p>	SUPPORT REQUIREMENTS FOR EXPOSED & UNDERMINED STEEL OR PLASTIC GAS FACILITIES	
	DATE: 07/01/2003 DESIGN: A. GIULIANI DRAWN: P. DIMAIO	EFFECTIVE DATE: 03/24/2006 STD. DWG. NO. CNST-6045
REVISIONS CLARIFIED NOTES B & C ADDED NOTE N.		

NOTES:

- A. THIS CONSTRUCTION STANDARD SHALL BE USED TO SUPPORT PLASTIC OR STEEL GAS FACILITIES WHICH ARE UNDERMINED AND EXPOSED BY CONSTRUCTION ACTIVITY.
- B. IF AN EXCAVATION IS MADE **AT ANY DISTANCE** PARALLEL TO THE GAS FACILITY WITH ADEQUATE **OSHA** STRUCTURAL SHORING, AS SHOWN IN DETAIL "A", OR IF A STABLE SOIL CONDITION WITH **SUFFICIENT COVER ABOVE THE PIPE'S CENTERLINE EXISTS**, AS SHOWN IN DETAIL "B", THEN SUPPORTS ARE NOT REQUIRED. **UNSTABLE SOIL IS DEFINED AS A SOIL WHICH CAN CAUSE "SOIL RUN OUT" FROM BENEATH THE PIPE (e.g., WASHOUT, SOFT CLAY, etc.) OR CAN SHIFT DUE TO CONSTRUCTION ACTIVITY, VIBRATIONS, etc.; AND CAUSE A SOIL SCENARIO TO OCCUR AS SHOWN IN DETAIL "B" TO REQUIRE PIPE SUPPORT.**
- C. IF AN EXCAVATION CROSSES OR RUNS PARALLEL TO A GAS FACILITY, SUPPORTS MAY NOT BE REQUIRED IF THE EXPOSED SECTION OF PLASTIC PIPES IS 3' OR LESS AND STEEL PIPES 7' OR LESS.
- D. ALL EXCAVATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE **ONE CALL DIG SAFE PROGRAM** USING THE APPROPRIATE MARK OUT, TEST HOLES AND EXCAVATION TO AVOID DAMAGE TO PIPE OR PIPE COATINGS:
 - NEW YORK STATE CODE RULE 753
 - MA CHAPTER 82 - SECTION 40, GENERAL LAWS, REGULATING NOTICE REQUIREMENTS FOR EXCAVATION IN PUBLIC WAYS
 - NH DIG SAFE LAW, RSA 374 – REGULATING UNDERGROUND UTILITY DAMAGE PREVENTION SYSTEM
- E. USE OF THIS CONSTRUCTION STANDARD DOES NOT RELIEVE THE CONSTRUCTION AGENCY OR AUTHORITY OR THEIR RESPECTIVE CONTRACTORS OF RESPONSIBILITY FOR DAMAGES. ALL DAMAGES WILL BE REPAIRED IN ACCORDANCE WITH EXISTING STANDARDS AND THE APPROPRIATE PARTY SHALL BE BILLED FOR ALL EXPENSES.
- F. GAS FACILITIES SHOULD NOT BE UNDERMINED WITHOUT ADEQUATE SUPPORT (DETAIL A). ALL SUPPORT LINES SHALL BE TENSIONED SO THAT NO DEFLECTION WILL OCCUR WHEN THE FACILITY IS UNDERMINED. THIS TENSION SHALL BE CHECKED AT THE START AND END OF EACH DAY AND ADJUSTED AS NECESSARY.
- G. WHERE A COUPLING, GAS SERVICE, CLAMP, VALVE, DRIP LINE OR OTHER APPURTENANCE EXISTS ON THE EXPOSED SECTION OF MAIN, AN ADDITIONAL SUPPORT SHALL BE INSTALLED AT THE LOCATION.
- H. WHEN SUPPORTING AN EXPOSED FACILITY, THE PIPE COATING SHALL BE PROTECTED WITH ROCK SHIELD (ITEM ID 00301097), OR OTHER LIKE MATERIAL CUT TO A MINIMUM WIDTH OF ½ THE SUPPORTED PIPE DIAMETER. SUPPORT LINES SHALL BE A MINIMUM OF ¾" POLYPROPYLENE OR BETTER.
- I. SUPPORTS FOR GAS TRANSMISSION FACILITIES SHALL BE REVIEWED WITH GAS ENGINEERING PRIOR TO INSTALLATION.
- J. THE MAXIMUM SPACING BETWEEN SUPPORTS FOR STEEL FACILITIES SHALL BE AS FOLLOWS:
 - 7' SPACING FOR ¾" AND 1 ¼" STEEL
 - 10' SPACING FOR 2" STEEL
 - 15' SPACING FOR 3" AND 4" STEEL
 - 20' SPACING FOR 6" AND LARGER STEEL
- K. THE MAXIMUM SPACING BETWEEN SUPPORTS FOR PLASTIC FACILITIES SHALL BE AS FOLLOWS :
 - 3' SPACING FOR 2" AND SMALLER PLASTIC
 - 6' SPACING FOR 4" AND LARGER PLASTIC
- L. VIBRATING MACHINES ARE ALLOWED OVER STEEL OR PLASTIC FACILITIES WITH 24" OR GREATER COVER. HAND HELD MECHANICAL TAMPER IS ACCEPTABLE OVER ANY FACILITY WITH 12" OR GREATER COVER.
- M. WHEN CONSTRUCTION ACTIVITY IS COMPLETED, CLEAN FILL SHALL BE COMPACTED AROUND AND UNDER THE GAS FACILITY BEFORE REMOVING SUPPORTS.
- N. **SEE REGIONAL PBWK5010 PROCEDURES FOR REPLACEMENT REQUIREMENTS OF CAST IRON PIPE.**

No.	ITEM	CODE No.
BILL OF MATERIAL		

GUIDELINES FOR WORKING AROUND CORROSION CONTROL SYSTEM COMPONENTS

DESCRIPTION

This guideline shall control work around existing Corrosion Control components. Replacement of test stations, anodes and test wire leads shall comply with Standards and Specifications stipulated by RI Energy. If design plans call for work in the area of Corrosion Control components, care must be taken to prevent damage to such components.

GENERAL NATIONAL GRID CONSIDERATIONS

The contractor shall perform replacement of damaged corrosion control test boxes, resetting of disturbed test boxes, and ensure a minimum of 12" of excess wire above the rim of the test box after set to finished grade. Wires shall not be pulled taught to achieve the 12" above the box, as this will cause stress on the wire connection at the main. Wires needing to be lengthened, damaged corrosion control components i.e. wires, or wire coating, shall require notification to the Corrosion Control Department (508-948-8432) to initiate inspection/repair or replacement of the damaged components.

Backfilling exposed Corrosion Control wire components should begin immediately after the work in that location is complete. The region within 6" alongside and on top of the connector wires shall be backfilled with padding sand (free of cinders, ash, and rock). Test wire leads must be kept with enough slack to prevent stress on the points where the wires connect to the gas main. Trench spoil material shall be suitable for backfilling above the padding material as long as rocks with a diameter larger than 3" are removed. The 8" to 12" backfill layers shall be mechanically compacted to the industry standard of 95%.

Cast Iron Gas Main Encroachment Prevention

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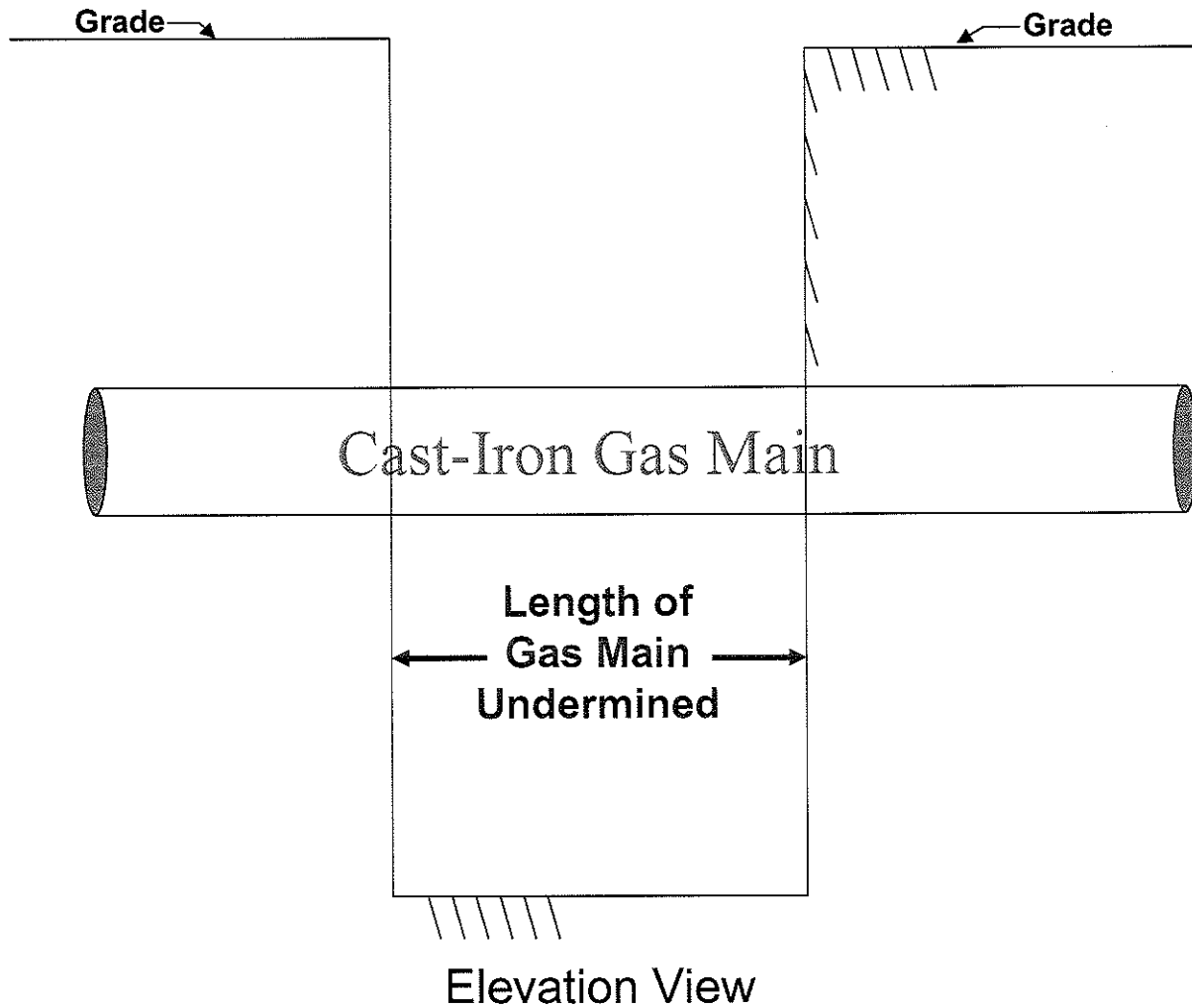
Chris Ferranti
Lead Engineer
Gas Operations & Construction
Rhode Island
Cell: 401-465-9064
chris.ferranti@nationalgrid.com

477 Dexter Street
Providence, RI 02863

CI Encroachments

- CI Encroachments can occur when excavating under or next to CI gas mains
- CI Encroachments can occur Even when a gas main is not exposed
- Two types of Encroachments: Undermine and Parallel
 - Undermine Encroachments (Cross Trench)
 - Parallel Encroachments

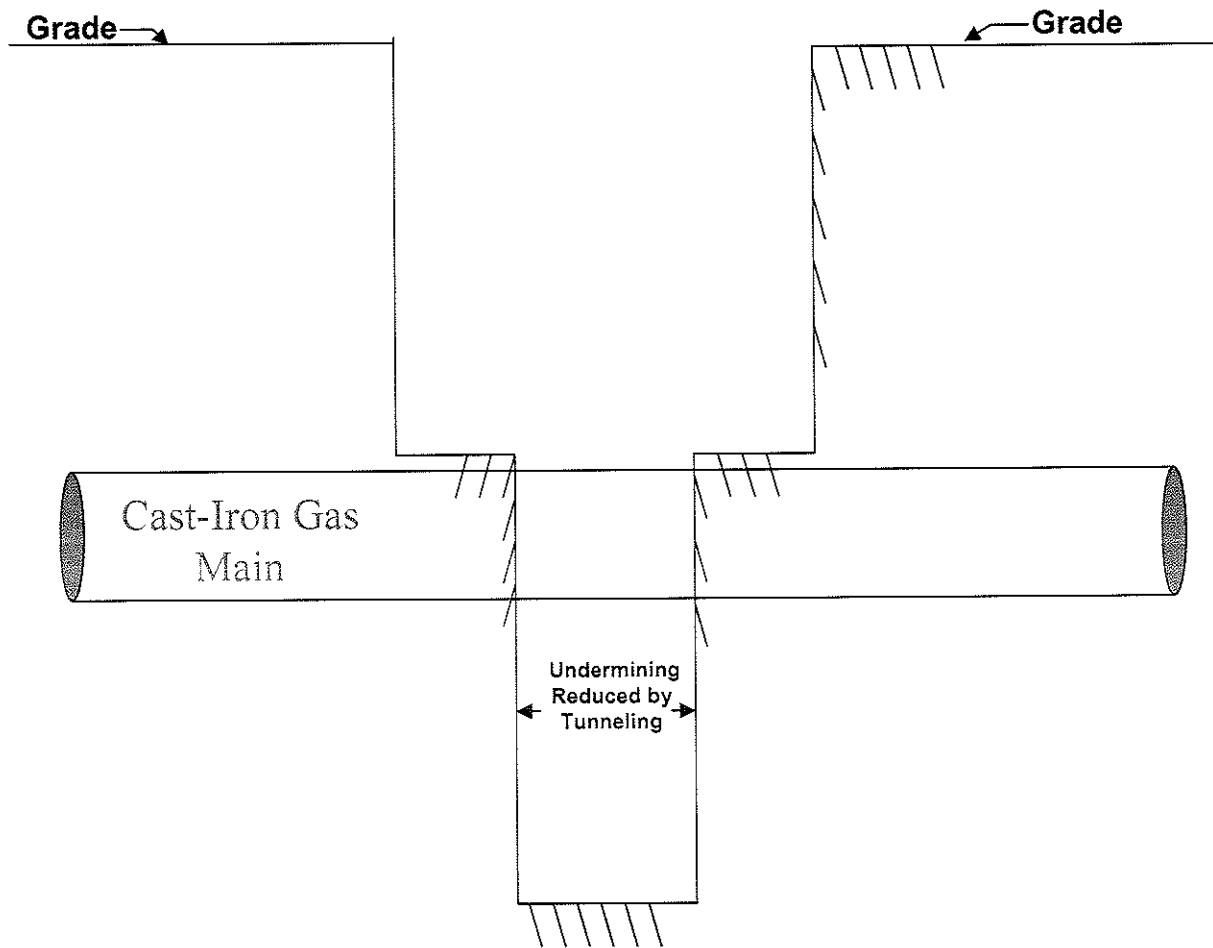
Cross Trench



Cross Trench - Rules of Thumb:

- The shorter the undermine, the better
- Limiting the length of the undermine to 30" or less will always avoid an encroachment

Cross Trench with Tunneling



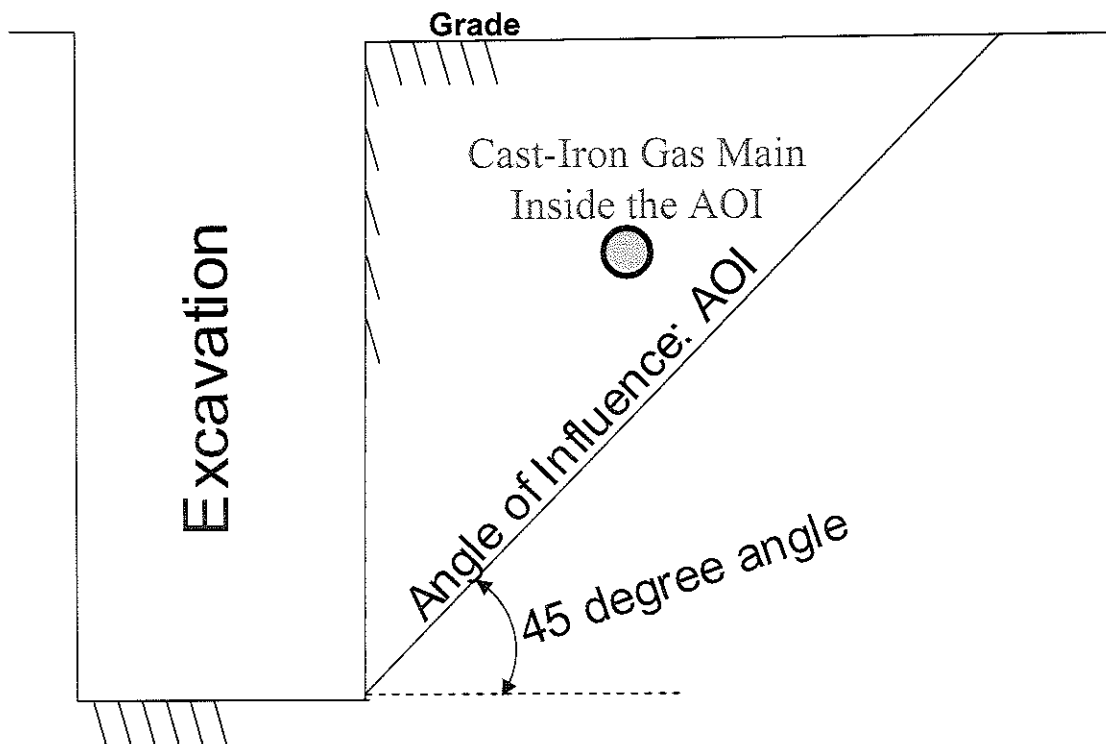
Elevation View

Tunneling is an Effective Way of Preventing Encroachments

Cast Iron Encroachments

can occur even when the

Gas Main is not Exposed

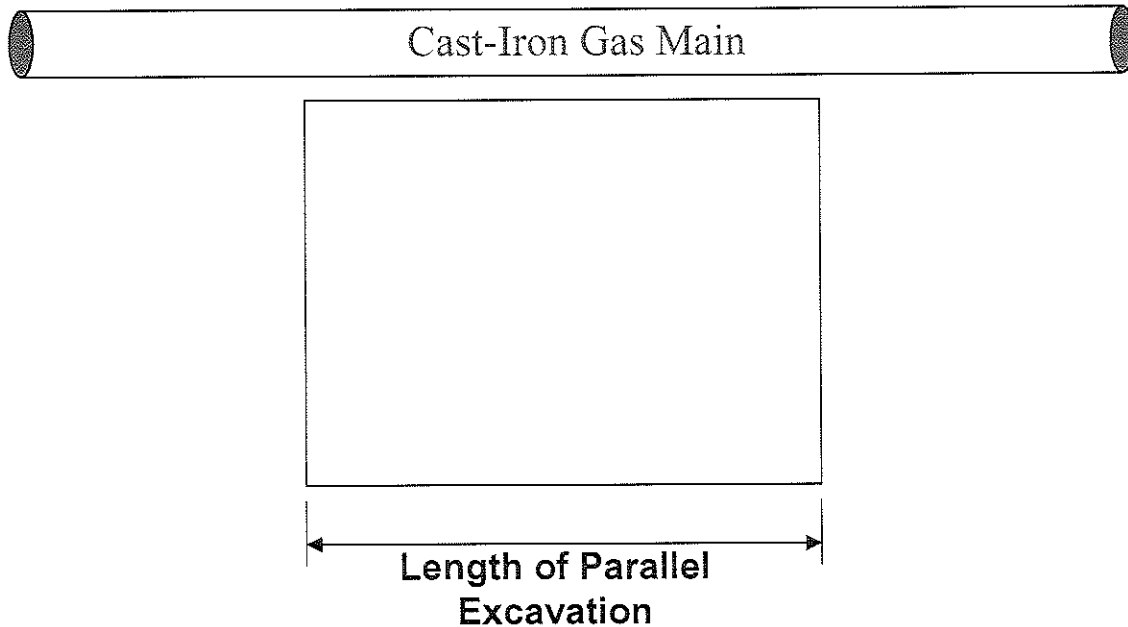


Angle of Influence:

- The AOI extends up from the bottom of the excavation at a 45 degree angle
- The AOI can affect cast iron gas mains even if the gas main is not exposed

Excavation Next to Gas Main

(view from above looking down)

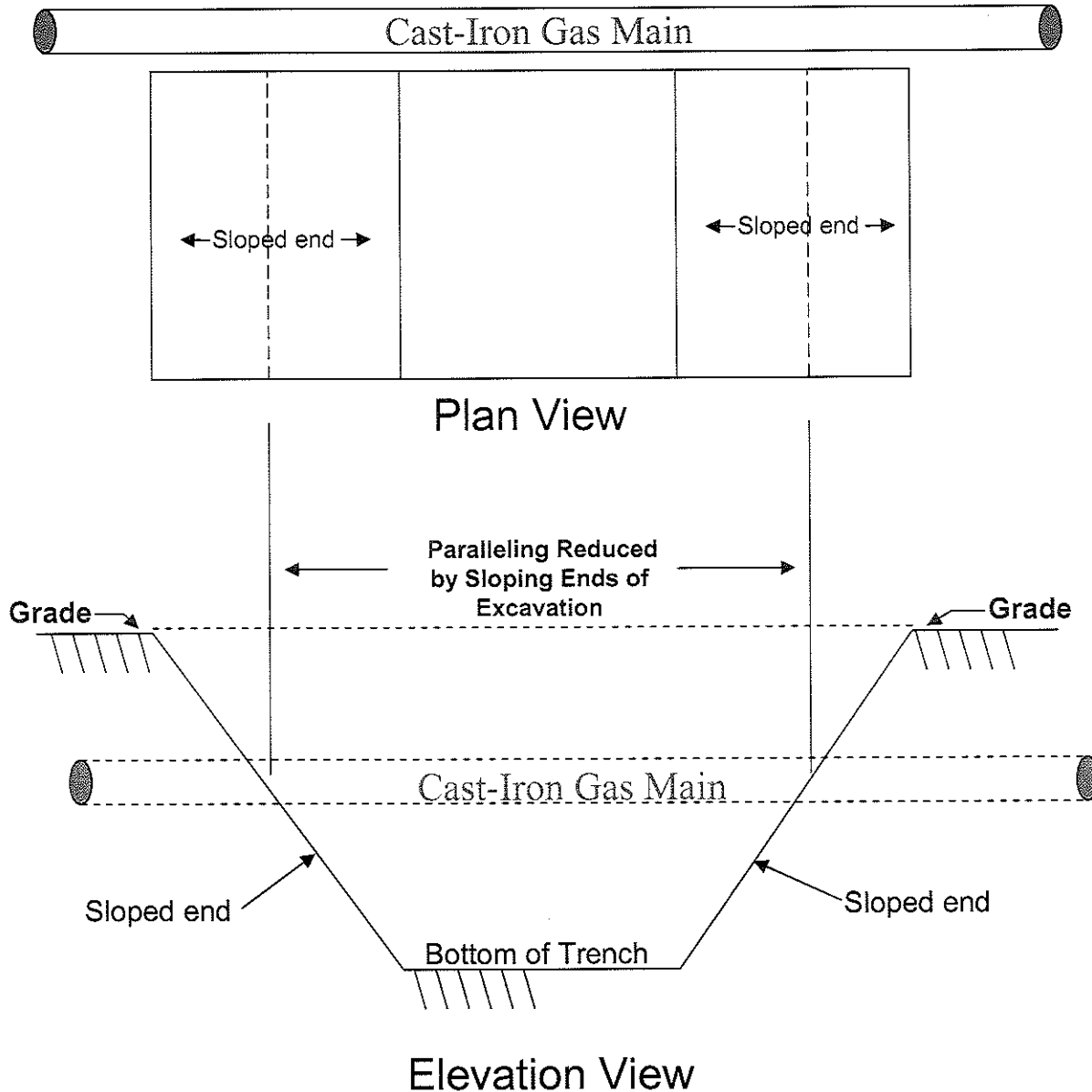


Plan View

Parallel Excavation Rule of Thumb:

- Limiting the length of the parallel to 7'-6" or less will always avoid an encroachment

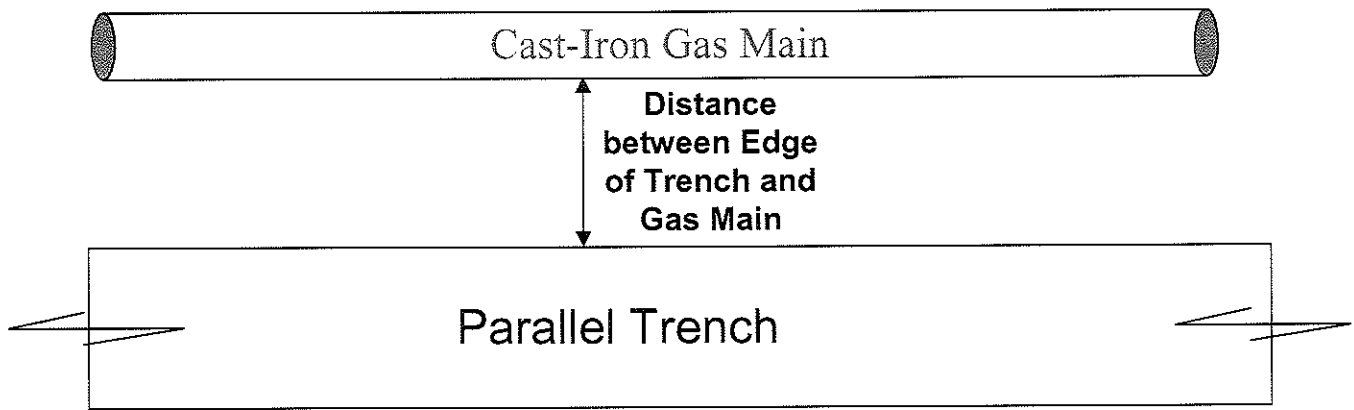
Parallel Excavation with Sloped Ends



Sloping the ends of an Excavation can be an Effective Way of Preventing Encroachments

Trenching Next to Gas Main

(view from above looking down)



Plan View

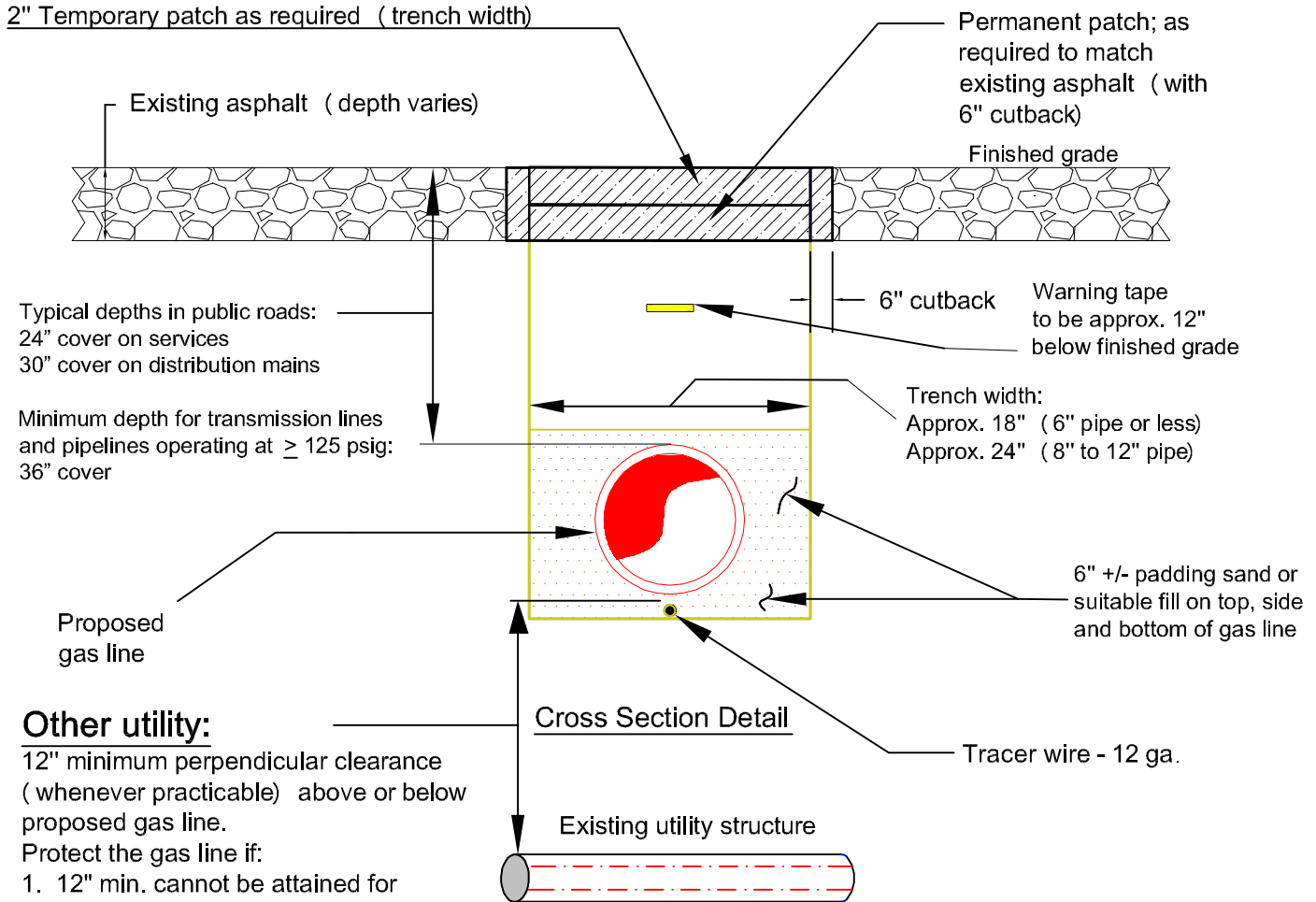
Parallel Trenching Rules of Thumb:

- The greater the separation between the gas main and the trench, the better
- Keeping the distance between the excavation and the gas main greater than the (depth of the trench - 2') will in most cases avoid an encroachment

CI Encroachments

- CI Encroachments can occur when excavating under or next to CI gas mains
- CI Encroachments can occur **Even when a gas main is not exposed**
- Two types of Encroachments: Undermine and Parallel
 - **Undermine Encroachments (Cross Trench)**
 - In all cases, the shorter the length of gas main undermined the better
 - Limiting undermining to less than 30” in length will always avoid an encroachment
 - Tunneling under the gas main can be an effective method for avoiding encroachments
 - **Parallel Encroachments**
 - Parallel Encroachments can occur even if the gas main is not exposed
 - In all cases, the greater the separation between the gas main and the parallel excavation, the better
 - Limiting excavations adjacent to gas main to less than 7’-6” in length will always avoid an encroachment
 - Keeping parallel excavations more than the (depth of the trench – 2’) from gas main in most cases will prevent an encroachment

Typical Utility Crossing and Trench Guidelines



Other utility:

12" minimum perpendicular clearance (whenever practicable) above or below proposed gas line.

Protect the gas line if:

1. 12" min. cannot be attained for gas transmission lines and pipelines operating at ≥ 125 psig.
2. 6" min. cannot be attained for distribution mains.
3. 4" min. cannot be attained for services.

Minimum clearance when protection is provided against damage is 2" for all gas lines.

Pipeline backfill will consist of suitable materials (medium to coarse sands with little or no silts) placed in layers of no more than 8" to 12" after compaction. Trench spoil materials suitable for backfilling will be mechanically compacted to the industry standards of 95% (as measured by Drop-Cone Penetrometer method) or until a density comparable to the unexcavated material is achieved.

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RI

TYPICAL UTILITY CROSSING AND TRENCH GUIDELINES

DATE: 09/15/2014

EFFECTIVE DATE: 09/15/2014

DESIGN: N. COSTANZO

STD. DWG. NO.

DRAWN: N. COSTANZO

CS-CNST002

Appendix B

Preliminary Contract Submittal List

APPENDIX B

PRELIMINARY CONTRACT SUBMITTAL LIST

Submittal No.	Description	Spec No.	Date Submitted to RIDOT	Date Returned to Contractor	Date Returned to RIDOT	Comments
CSL-001	Construction Procedures					
CSL-002	Control of Water					
CSL-003	Bridge Demolition					
CSL-004	Steel Micropiles					
CSL-005	Concrete and CLSM					
CSL-006	Waterstops					
CSL-007	Joint Fillers					
CSL-008	Precast Concrete					
CSL-009	Non-Shrink Grout					
CSL-010	Reinforcing Steel, Splicers, and Inserts					
CSL-011	Elastomeric Bearings					
CSL-012	Waterproofing Membrane					
CSL-013	Filter Fabric					

Appendix C

Transportation Management Plan



**LEVEL 3
TRANSPORTATION
MANAGEMENT
PLAN**

Project Name: **Bridge Group 44H - Nonquit Pond**
 RI Design Contract No(s): **2023-EB-028D**
 RI Construction Contract No(s): **2024-CB-048**
 PTSID #: **2602V**

Submission: **ADV** Date: **8/13/2024**

PROJECT INFORMATION

Brief Project Description: Rhode Island Contract No. 2024-CB-048, Federal-Aid Project No. BRO-044H(002), Bridge Group 44H – Nonquit Pond for the replacement of Nonquit Pond Bridge No. 292 in the Town of Tiverton will consist of, but is not limited to erosion control, relocation of existing utilities, concrete abutments, wingwalls, pile caps, steel micropiles, approach slabs, rehabilitation of existing reinforced concrete abutments and wingwalls, elastomeric bearings, prestressed concrete NEXT D beams, full depth pavement, guardrail installation, field office, mobilization, maintenance and protection of traffic, loam and seed, and all other incidentals required to finish the work of this contract, complete and accepted.

General Work Limits: The work zone limits will generally encompass the entire roadway segment or intersection including roadway, sidewalks, and shoulder areas.

WORK ZONE LOCATIONS

ROADWAY NAME or INTERSECTION	FROM	TO	APPROX. LENGTH
Pond Bridge Road	1900' East of Puncatest Neck Road	600' West of Main Road	500 ft

General Project Schedule*: Work is expected to commence in Spring 2025 and be completed in Spring 2026.

*The information in this section is not intended to and shall not supersede the approved schedule and milestone/completion dates for the project.

TRAFFIC-RELATED WORK RESTRICTIONS

General Restrictions: See Attachment A: General Restrictions Chart.

Holiday Restrictions: **NOTE: IN CASE OF DISCREPENCY BETWEEN THESE HOLIDAY RESTRICTIONS AND THE GENERAL RESTRICTIONS (ATTACHMENT A), THESE HOLIDAY RESTRICTIONS SHALL GOVERN.**

New Year's Day (if on weekend, the Holiday is recognized the Monday after) -- No lane closures on 13:00 New Year's Eve Day through 0:00 day after New Year's (or the Monday if on a weekend)

Martin Luther King Day - No lane closures on the Holiday.

Presidents Day - No lane closures on the Holiday.

Easter Day - No lane closures on the Holiday.

Memorial Day - No lane closures from 13:00 Friday Before to 00:00 Tuesday after the Holiday.

Juneteenth National Freedom Day - No lane closures on the Holiday (if the Holiday falls on the weekend the holiday is recognized on the Monday following the Holiday.)

Independence Day - No lane closures from 13:00 day before until 00:00 the day after the holiday.

Victory Day - No lane closures on the Holiday.

Labor Day - No lane closures from 13:00 day before until 00:00 the day after the holiday

Columbus Day - No lane closures on the holiday.

Veteran's Day - No lane closures on the holiday.

Election Day (If its an Observed RI State Holiday) - No lane closures on the holiday.

Thanksgiving Day - No lane closures shall be performed by the contractor on Wednesday through Sunday of Thanksgiving Week. Work can resume at 00:00 on Monday after the Holiday weekend.

Christmas Day (if on weekend, the Holiday is recognized the Monday after) - No lane closures from 13:00 on Christmas Eve through 0:00 day after Christmas

TEMPORARY TRAFFIC CONTROL PLANS

These RIDOT- and/or Designer-Developed TTC Plans will be used during the work on this project

Included in:		Included in:			
RIDOT TYPICAL TTC PLANS	TMP	Plan Set	DESIGNER-DEVELOPED TTC PLANS	TMP	Plan Set
<input type="checkbox"/> Mobile Operation	<input type="checkbox"/>	<input type="checkbox"/>	Temporary Traffic Control Plan No. 1	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Work Beyond the Shoulder	<input type="checkbox"/>	<input type="checkbox"/>	Temporary Traffic Control Plan No. 2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Shoulder Closure - Two Lane Road	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Shoulder Closure - Limited Access	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 1-Side Lane Shift - Two Lane Road	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> 2-Side Lane Shift - Two Lane Road	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Lane Shift - Limited Access	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Lane Closure - Two Lane Road	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Lane Closure - Four Lane Road	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Lane Closure - Limited Access	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Double Lane Closure - Limited Access	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

PUBLIC INFORMATION PLAN

These strategies will be used to provide information concerning the project to road users and the community

SELECTED STRATEGIES

- RIDOT travel advisories news releases
- RIDOT travel advisories web site
- RIDOT 511 traveler information system
- Highway advisory radio (HAR)

RESPONSIBILITIES / REQUIREMENTS / SPECIAL CONSIDERATIONS

- RIDOT TMP Imp. Mngr. to send RIDOT notification form to Communications min. 48 hrs. in advance of restrictions.
- RIDOT TMP Imp. Mngr. to send RIDOT notification form to Communications min. 48 hrs. in advance of restrictions.
- RIDOT TMP Imp. Mngr. to send RIDOT notification form to RIDOT TMC min. 48 hrs. in advance of restrictions.
- Permanent (existing) RIDOT HAR systems to be updated by RIDOT TMC as applicable based on submitted CMG Restriction Forms.

TRANSPORTATION OPERATIONS PLAN

These strategies will be used to provide improved transportation operations/safety within project work zones

SELECTED STRATEGIES

RESPONSIBILITIES / REQUIREMENTS / SPECIAL CONSIDERATIONS

PERFORMANCE MONITORING, CHANGES TO TMP, & CONTINGENCIES

The Contractor's TMP Implementation Manager is responsible for keeping the portion of the project being used by public traffic in a condition that (1) safely and adequately accommodates such traffic and (2) is in accordance with the Traffic-Related Work Restrictions, the Temporary Traffic Control Plans, and where appropriate, the other transportation management strategies identified above.

The RIDOT TMP Implementation Manager or his/her responsible designee should (1) inspect the project work zones for conformance with the Temporary Traffic Control Plans, the ATSSA Quality Guidelines for Temporary Traffic Control Devices and Features, and where applicable, the other transportation management strategies identified above and (2) document all work zone-related feedback and complaints that are received from the public.

If at any time (1) a deviation from any of the strategies included in the TMP (e.g., the use of an alternate construction sequence) is desired by one or more members of the project implementation team, (2) field observations and/or data suggest that impacts to road users are or will be unacceptable, or (3) one or more performance requirements established in the TMP are not being met in the field, the RIDOT TMP Implementation Manager and/or Project Manager shall report the situation to his/her supervisor. The Project Manager will coordinate with the Design Consultant of record and present the changes to the State Traffic Safety Engineer, Director of the Division of Project Management, the Chief Engineer of Infrastructure, and/or other interested parties as appropriate and/or necessary to consider and determine whether revised alternate strategies should be implemented in an effort to lessen the adverse safety and mobility impacts of the project. If any changes should be implemented, the changes shall be documented in a revised version of the TMP. Any changes implemented can be removed at any time, at RIDOTs discretion, if unexpected adverse impacts to traffic occur.

If a deviation from any of the strategies included in the TMP is requested by the Contractor, the Contractor is responsible for preparing and submitting to the RIDOT TMP Implementation Manager appropriate documentation (e.g., design calculations, analysis reports, Temporary Traffic Control Plans, etc.) showing that the requested change(s) are (1) feasible and (2) expected to result in safety and mobility impacts that are no more adverse than the impacts resulting from the strategies already included in the latest approved TMP. RIDOT will review and consider the submittal(s) as described in the preceding paragraph and will determine whether the changes should be implemented. The Contractor shall prepare and submit to the RIDOT TMP Implementation Manager a revised version of the latest approved TMP in both printed and electronic (Microsoft® Excel) format that documents all of the proposed changes. Work to implement the changes shall not begin until the revised TMP is approved.

When unexpected events (e.g., crashes, inclement weather, unforeseen traffic demands, etc.) occur in a project work zone where one or more lanes are closed, the RIDOT TMP Implementation Manager or his/her responsible designee should (1) determine whether or not the lane closure(s) can/should be removed in order to improve traffic operations and/or minimize delays and (2) if deemed appropriate, take action to remove the lane closure(s).

Other

Requirements:

TMP APPROVALS

All approvals must be obtained prior to start of work

DIRECTOR, DIVISION OF PROJECT MANAGEMENT		
Signature:		
Date:	7-19-24	
Revision #	Initials	Date

STATE TRAFFIC SAFETY ENGINEER		
Signature:		
Date:	7-24-24	
Revision #	Initials	Date

CHIEF ENGINEER OF INFRASTRUCTURE		
Signature:		
Date:	7-24-24	
Revision #	Initials	Date

TMP IMPLEMENTATION MANAGERS

RIDOT Construction Manager	
Name:	
Title:	
Unit:	
Office Phone:	
Mobile Phone:	
E-Mail:	

CONTRACTOR	
Name:	
Title:	
Company/Unit:	
Office Phone:	
Mobile Phone:	
E-Mail:	

Location	MINIMUM NUMBER OF LANES & SHOULDERS TO REMAIN OPEN TO TRAFFIC ^{1,2,3}								
	Time of Day		Day of Week						
	From	To	SUN	MON	TUES	WED	THURS	FRI	SAT
Pond Bridge Road (During Bridge Replacement) ⁴	0:00	7:00	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR
	7:00	19:00	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR
	19:00	0:00	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR	DETOUR
Pond Bridge Road (All Other Times)	0:00	7:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL
	7:00	19:00	ALL	1L - ALT	1L - ALT	1L - ALT	1L - ALT	1L - ALT	ALL
	19:00	0:00	ALL	ALL	ALL	ALL	ALL	ALL	ALL

LEGEND:

- 1L - ALT A minimum of one 11-foot wide travel lane shall remain open to alternating traffic
- DETOUR All traffic to be detoured
- ALL All travel lanes and shoulders shall remain open to traffic

NOTES

-
- 1 The set-up and break-down of temporary traffic control devices within a traveled way or shoulder shall be construed as a closure of that traveled way or shoulder.
 - 2 The provisions noted herein shall not free the Contractor from his responsibility to conduct all work in such a manner that assures the least possible obstruction to traffic.
 - 3 Access to and egress from all side streets, driveways, buildings, and other pedestrian pathways intersecting the Project work zones shall be maintained at all times unless otherwise noted or shown on Plans.
 - 4 A maximum of one continuous 85-day closure of Pond Bridge Road shall be allowed unless otherwise directed by RIDOT.

Appendix D

Small-Site Stormwater Pollution Prevention Plan

SMALL-SITE Stormwater Pollution Prevention Plan

For:

RIC No. 2024-CB-048

Bridge Group 44H – Nonquit Pond

Town of Tiverton

Newport County

Owner:

RI DEPARTMENT OF TRANSPORTATION

Alisa Diaz Richardson

2 Capitol Hill

Providence, RI 02903

401-222-2468

Operator:

*TO BE DETERMINED UPON
CONTRACT AWARD*

Company Name

Name

Address

City, State, Zip Code

Telephone Number

Estimated Project Dates:

Start Date: 3/15/2025

Completion Date: 6/1/2026

SWPPP Prepared By:

VHB

1 Cedar Street, Suite 400

Providence, RI 02903

401-272-8100

SWPPP Preparation Date:

5/10/2024

OWNER CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under the direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. 8/



Owner Signature:

8/7/24

Date

Owner Name: Alisa Diaz Richardson, PE

Owner Title: Administrator, Environmental Division

Company Name: Rhode Island Department of Transportation

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INTRODUCTION

This Small-Site Storm Water Pollution Prevention Plan (SWPPP) has been prepared for the State of Rhode Island Department of Transportation (RIDOT) for a construction project that has less than one (1) acre of soil disturbance. This document provides general guidance for the installation and maintenance of erosion and sediment controls on small projects.

The purpose of erosion and sedimentation best management practices (BMPs) is to prevent pollutants from leaving the construction site and entering waterways or environmentally sensitive areas during and after construction. This SWPPP has been prepared prior to the initiation of construction activities to address anticipated worksite conditions. The best management practices (BMPs) depicted on the site plan and described in this narrative should be considered the minimum measures required to control erosion, sedimentation, and stormwater runoff at the site. Since construction is a dynamic process with changing site conditions, it is the operator's responsibility to manage the site during the construction phases to prevent pollutants from leaving the site. This may require the operator to revise and amend the SWPPP during construction to address varying site and/or weather conditions, such as by adding or realigning erosion or sediment controls.

It is the responsibility of the RIDOT Construction Manager to maintain the SWPPP, including all attachments, amendments, and inspection records, at the project field office and to make all records available for inspection by RIDEM during construction.

The RIDOT Construction Manager and designated Certified SWPPP Inspector are required to review the SWPPP and sign the Party Certification pages (Section 8). The prime contractor and all subcontractors involved in earthwork or exterior construction activities are also required to review the SWPPP and sign the certification pages before construction begins.

Any questions regarding the SWPPP, BMPs, inspection requirements, or any other facet of this document may be addressed to the RIDOT Environmental Division at 401-734-4892.

Please note: Even if practices are correctly installed on a site according to the approved plan, the site is only in compliance when erosion and sedimentation are effectively controlled throughout the entire site.

SECTION 1: SITE DESCRIPTION

1.1 Project/Site Information

Rhode Island Contract No. 2024-CB-048, Federal-Aid Project No. XXX-XXXX(XXX), Bridge Group 44H – Nonquit Pond for the replacement of Nonquit Pond Bridge No. 292 in the Town of Tiverton will consist of, but is not limited to erosion control, relocation of existing utilities, concrete abutments, wingwalls, pile caps, steel micropiles, approach slabs, rehabilitation of existing reinforced concrete abutments and wingwalls, elastomeric bearings, prestressed concrete NEXT D beams, full depth pavement, guardrail installation, field office, mobilization, maintenance and protection of traffic, loam and seed, and all other incidentals required to finish the work of this contract, complete and accepted.

The project is located within the Pond Bridge Road Right-of-Way which crosses over Almy Creek immediately downstream of Nonquit Pond Dam. The roadway project limits stretch from approximately 1000' West of Main Road (Route 77) to 600' West of Main Road (Route 77) and is approximately 0.09 miles in length.

1.2 Nature and Sequence of Construction Activity

Micropiles for the new substructures will be installed with temporary lane closures. Bridge demolition and reconstruction will be completed during a full roadway closure. Approach work, paving and permanent utility relocations will take place after the bridge construction is complete.

Overhead utilities and a water main are present at Bridge No. 292. The overhead utilities will be temporarily relocated during construction and relocated permanently after construction. The water main is located south of the bridge and will remain in place.

Estimated Project Start Date: 3/15/2025

Estimated Project Completion Date: 6/1/2026

Estimated Number of Months: 16

1.3 Construction Site Estimates

The following are estimates of the construction site:

Total Project Area	0.61 acres
Construction Site Area to be disturbed	0.55 acres
Percentage impervious area <u>before</u> construction	35%
Percentage impervious area <u>after</u> construction	41%

1.4 Potential Discharges

Environmentally Sensitive Areas	Construction Site Discharges to: (Yes / No)	List discharge points & indicate how determination was made
Waters of the State	Yes	Stormwater from roadway discharges into the Nonquit Pond and Almy Creek via overland flow. Site survey.
Wetlands (Coastal or Upland)	Yes	Freshwater Scrub-Shrub Swamp to the northwest and Shrub Wetland northeast edge closest to the roadway. Coastal Wetlands to the southeast and southwest. Field investigation.
Separate Storm Sewer System	No	Under existing conditions, the roadway has no closed drainage system and sheet flow directs to the low point in the roadway outside of the bridge limits, then flows to either side of the roadway and into roadside drainage trenches or adjacent vegetated road shoulders. Site mapping.
303(d) Impaired Waters	Yes	Nonquit Pond and Almy Creek (Sakonnet River). RIDEM Mapping.
TMDL Waters	Yes	Nonquit Pond (Total Phosphorus and Total Organic Carbon TMDL scheduled for 2020). RIDEM Mapping, State of Rhode Island 2018-2020 Impaired Waters Report.
Special Resource Protection Waters (SRPWs)	Yes	Nonquit Pond: Ecological Habitat, Drinking Water Supply. Almy Creek (Sakonnet River): Recreation, Ecological Habitat, Federal Park, Critical Habitat (Rare and Endangered Species) RIDEM Mapping.
Cold Water Fisheries	No	RIDEM Mapping.
Natural Heritage Areas	No	Bridge No. 292 is located outside of a Natural Heritage Area. RIDEM Mapping.
Historic/Cultural Areas	Yes	Nonquit Pond Bridge (Historic Eligible). Historic consultant.
Permanent Stormwater Structures (swales, outfalls, treatment units, etc.)	No	Existing swale to be relocated to accommodate roadway widening.

1.5 Allowable Non-Storm Water Discharges

RIPDES Construction General Permit – IV.E.1.g

Are there allowable non-stormwater discharges on or near the project area?

Yes No

List of allowable non-stormwater discharges:

- discharges which result from the washdown of vehicles where no detergents are used;
- the use of water to control dust;
- fire fighting activities;
- fire hydrant flushings;
- pavement washwaters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled materials have been removed) and where detergents are not used;

Are there any known or contaminated discharges, including dewatering operations, on or near the project area?

Yes No

If yes, list the discharges and the RIPDES individual permit number(s) or RIPDES Remediation General Permit Authorization number(s) associated with these discharges.

- RIPDES individual permit number: N/A
- RIPDES Remediation General Permit Authorization number: N/A

1.6 Potential Sources of Pollution

Anticipated on this Project (Y/N)	Operation/ Location	Stormwater Pollutants
Y	Clearing, grading, excavating, and unstabilized areas	Sediment; Trash/Debris
Y	Construction Entrance	Sediment
Y	Soil Stockpiles	Sediment
Y	Paving operations	Sediment; Trash/Debris
Y	Concrete washout and waste	Heavy metals; pH; Trash/Debris
Y	Structure construction/ painting/ cleaning	Nutrients; pH; Trash/Debris; Toxic chemicals
Y	Demolition and debris disposal	Sediment; Trash/Debris
Y	Dewatering operations	Sediment; Nutrients
N	Drilling and blasting operations	Sediment; pH; Trash/Debris
Y	Material delivery and storage	Sediment; Nutrients; Heavy metals; pH; Pesticides/Herbicides; Oil/Grease; Trash/Debris; Toxic chemicals
Y	Material use during building process	Nutrients; heavy metals; pH; pesticides/herbicides; oil/grease; trash/debris; toxic chemicals
Y	Solid waste/ trash/ debris	trash/debris; toxic chemicals
N	Hazardous waste	heavy metals; pH; pesticides/herbicides; oil/grease; toxic chemicals
N	Contaminated spills	Nutrients; heavy metals; pH; pesticides/herbicides; oil/grease; toxic chemicals
N	Sanitary/septic waste (porta potty?)	Nutrients; pH; Bacteria/Viruses; toxic chemicals
Y	Vehicle/equipment fueling and maintenance	Oil/Grease; Toxic chemicals; fuel
Y	Vehicle/equipment use and storage	Oil/Grease; Toxic chemicals
Y	Landscaping operations	Sediment; Nutrients; Trash/Debris
N	Off-site LUHPPL run-on	Industrial toxins; oil/grease; heavy metals; fuel; salt; hazardous materials
	Other:	

1.7 Site Plans

TITLE & DATE OF PLAN SET(S): Bridge Group 44H – Nonquit Pond (May 2024)

- Total area of development
- Total area of soil disturbance
- Areas that will not be disturbed
- The location of all erosion and sediment controls
- Locations of storm drain inlets and outfalls
- The location and name of the receiving waters or separate storm sewer system and the ultimate receiving waters
- Location and name of all waters of the State, including wetlands
- Location of environmentally sensitive features/areas to be protected (Section 1.4)
- Constraint locations of material storage areas, equipment storage areas, concrete washouts, dumpsters, stockpiles, fueling locations etc. (i.e. locations where these activities will not occur)

SECTION 2: EROSION AND SEDIMENTATION CONTROLS

What is a BMP?

Erosion and Sedimentation controls are Best Management Practice (BMP) devices, practices, or methods for preventing storm water pollutants from leaving the construction site and reaching environmentally sensitive areas. The most common BMPs are compost filter socks, straw bales, and silt fence, but a BMP can also be a policy or procedure like construction sequencing and street sweeping. The objectives of erosion and sediment controls are to minimize the potential for erosion and sedimentation during construction activities.

If BMPs are not depicted on the approved plan set, but erosion or sedimentation is occurring, appropriate BMPs must be installed as directed by the RIDOT Construction Manager.

2.1 Minimize Disturbed Area and Protect Natural Features

As far as is practicable, existing vegetation will be protected and left in place, in accordance with the clearing limits shown on the approved Plans. Prior to any land disturbance activities commencing on the site, the Contractor will physically mark limits of disturbance (LOD) on the site and any areas to be protected within the site, so that workers can see the areas to be protected. Topsoil will be preserved where possible, in accordance with stock pile management specifications

2.2 Phase Construction Activity

At a minimum, construction sequencing and timing of construction activities will include:

1. Before any earthwork begins, erosion and sediment controls will be installed as depicted on the Approved Plans, and in accordance with all applicable sections of the RIDOT Standard Specifications. Upon acceptable completion of site preparation and installation of erosion and sediment controls, site construction activities may commence.
2. While earthwork is being done, routine inspection and maintenance and/or modification of erosion and sediment controls will be performed.
3. Final stabilization of any disturbed areas after earthwork has been completed.

2.3 Control Stormwater Flowing Onto & Through Project

Structural BMPs will be used to divert flows from exposed soils, retain or detain flows, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site.

BMPs will be installed as depicted on the approved plan set and in accordance with applicable RIDOT Standard Specifications.

Control measures that may be used, upon approval, include straw bales/silt fencing, compost filter socks, fiber rolls, gravel bag berms, slope drains, check dams, and riprap.

☒ 2.4 Stabilizing Soils

Phased Clearing & Grubbing:

Only areas that can be reasonably expected to have active construction work being performed within 21-days of disturbance will be cleared/grubbed at any one time. It is NOT acceptable to clear and grub the entire construction site if disturbed portions will not be active within the 21-day time-frame.

Clearing/Grubbing will not take place during a rain event if erosion is likely to occur; nor will it occur if a rain event is forecasted and appropriate erosion controls cannot be installed prior to the storm and in accordance with section 201, 206 through 211 of the RIDOT standard specifications.

No undisturbed areas will be cleared of existing vegetation after October 15th of any calendar year or during any period of full or limited winter shutdown. All disturbed soils exposed prior to October 15 of any calendar year will be seeded or protected by that date. Any such areas that do not have adequate vegetative stabilization, as determined by the Construction Manager or environmental inspector, by November 15 of any calendar year, must be stabilized by erosion control matting or mulch, in accordance with specifications contained within the RI Soil Erosion and Sediment Control Handbook (as amended). If work continues within any of these areas during the period from October 15 through April 15, care must be taken to ensure that only the area required for that Day's work is exposed, and all erodible soil must be restabilized within 5 working days.

As per RIDOT Standard Specification 201.03.1 – Clearing and Grubbing:

After clearing, and by the end of each day's grubbing operation, the Contractor will install erosion control measures that are indicated on the Plans or as directed by the Construction Manager. Such erosion control measures will be installed in strict accordance with the requirements of **SECTIONS 206, 207, and 208** of these Specifications, **PERIMETER EROSION CONTROLS, CHECK DAMS, and TEMPORARY DEWATERING BASINS**, respectively.

Initiating Stabilization Practices

Upon completion and acceptance of site preparation and initial installation of erosion and sediment controls the operator will initiate appropriate stabilization practices during all phases of construction on all disturbed areas as soon as possible but not more than fourteen (14) days after the construction activity in that area has temporarily or permanently ceased, unless the activity is to resume within twenty-one (21) days.

Any disturbed areas that will not have active construction activity occurring within twenty-one (21) days must be stabilized using the BMPs depicted on the approved plan set and in accordance with RIDOT Standard Specifications Section L.02 – Seeding, Section L.05 - Seed Stabilizers and Section M.18 – Landscape Materials (M.18.08 – Mulch and M.18.09 – Seed Stabilizer Materials).

Maintaining Stabilization

Controls and methods that may be used to maintain soil stabilization include the placement of geotextiles, erosion control blankets/mats, and temporary seeding. If the stabilization BMPs fail and erosion occurs, then alternative control measures &/or methods may need to be substituted.

☒ 2.5 Protect Slopes

Structural BMPs will be used to temporarily conduct concentrated stormwater runoff safely down the face of a cut or fill slope without causing erosion on or below the slope.

BMPs will be installed as depicted on the approved plan set and in accordance with applicable RIDOT Standard Specifications.

Control measures that may be used, upon approval, include temporary slope drains, compost filter socks, fiber rolls, gravel bag berms, erosion control mats/blankets, and temporary vegetative cover.

2.6 Protect Storm Drain Inlets

Structural BMPs will be used to protect ALL stormwater inlets &/or catch basins that may receive sediment-laden stormwater flow.

BMPs will be installed as depicted on the approved plan set and in accordance with applicable RIDOT Standard Specifications.

Control measures that may be used, upon approval, include catch basin inserts, compost filter socks, fiber rolls, and gravel bag berms.

- No stormwater inlets or catch basins are present within project limits.

2.7 Protect Storm Drain Outfalls

Structural BMPs will be used to protect ALL stormwater outfalls that may discharge sediment-laden stormwater flow.

BMPs will be installed as depicted on the approved plan set and in accordance with applicable RIDOT Standard Specifications.

Control measures that may be used, upon approval, include compost filter socks, fiber rolls, gravel bag berms, and rip-rap.

2.8 Establish Perimeter Controls and Sediment Barriers

Structural BMPs will be used to establish perimeter barriers that will stop sediment-laden stormwater flow from leaving the construction site.

BMPs will be installed as depicted on the approved plan set and in accordance with applicable RIDOT Standard Specifications.

Control measures that may be used, upon approval, include baled straw &/or silt fence, compost filter socks, fiber rolls, and gravel bag berms.

2.9 Retain Sediment On-Site and Control Dewatering Practices

Sediment traps, basins, and barriers are used to retain sediment on the site to protect streams, lakes, drainage systems, and adjacent property. These devices are used at the outlets of channels, diversions, and other runoff conveyance measures to allow sediment-filled water to pool and sediment to settle. These measures are often used as the last line of defense to stop sediment from leaving the site.

The dewatering of non-contaminated non-stormwater (i.e. groundwater) or accumulated precipitation discharge of sediment-laden water into storm drains, streams, lakes or wetlands prior to sediment removal is prohibited.

The dewatering of contaminated non-stormwater cannot be discharged without prior notice and approval from either the Rhode Island Department of Environmental Management (RIDEM) or the Coastal Resources Management Council (CRMC). Should dewatering of contaminated water be occurring on this

construction project, appropriate permits will have been obtained, and will be included as part of the Contract Documents.

- Compost Filter Socks will be installed throughout the project limits of Nonquit Pond Bridge No.292
- Compost Filter Socks will be installed at all drainage outfalls for cleaning and flushing of pipe operations
- Sandbags lined with filter fabric will be installed as Control of Water measures within the channel for repairs to the abutment.

☒ 2.10 Monitoring Weather Conditions

Care will be taken to avoid having unstabilized areas exposed during precipitation events. Weather forecasts will be routinely checked, and in the case of an expected precipitation event of over 0.25-inches over a 24-hour period, all BMPs will be inspected, and maintained as necessary, prior to the weather event.

In the case of an extreme weather forecast (greater than one-inch of rain over a 24-hour period), additional erosion/sediment controls will be installed where appropriate.

- Wunderground Tiverton Station <https://www.wunderground.com/weather/us/ri/tiverton>

Important!! Care shall be taken to initiate work activities when an extended forecast of fair weather, with no precipitation, is expected. All work must occur when the channel is in a no- to low-flow state, so the work window and days preceding construction must be free of precipitation events.

SECTION 3: GOOD HOUSEKEEPING BMPS

The purpose of good housekeeping is to prevent daily construction operations and activities from causing pollution.

☒ 3.1 *Off-site Tracking of Sediments*

Any construction site access point must employ the BMPs depicted on the approved plan set and in accordance with RIDOT Standard Specifications Section 211 – Construction Accesses, or any method approved of by the RIDOT Construction Manager and the RIDOT Environmental Division. Construction accesses will be used in conjunction with the stabilization of construction roads to reduce the amount of mud picked up by construction vehicles. All RI STD 9.9.0 Construction Access roads will be constructed prior to any roadway accepting construction traffic

If a Construction Access BMP is not designated on the plans, it is still the responsibility of the Operator to ensure that no sediment is tracked off the construction site by any vehicles leaving the site. Additional control measures that may be used, upon approval, include a vehicle washing station and/or daily street sweeping.

The Operator will remain responsible for the clean-up of any mud or dirt that is tracked onto streets or paved areas, even with the installation of gravel construction entrances. Inspect access for excessive sediment build up. Remove sediment and rebuild the exit as necessary to retain effectiveness and prevent off-site tracking. Additional street cleaning may be required if unable to retain sediment on site.

☒ 3.2 *Waste Disposal*

Building materials and other construction site wastes will be properly managed and disposed of to prevent the discharge of solid materials from wind and precipitation. All types of waste generated at the site will be disposed of in a manner consistent with State Law and/or regulations.

- The waste collection area will not be within any of the constraint areas located on the Site Plans (Section 1.7) and will be approved by the RIDOT Construction Manager.
- All waste containers will be covered to avoid contact with wind and precipitation.
- Waste collection will be scheduled frequently enough to prevent containers from overflowing.
- All construction site wastes will be collected, removed, and disposed of in accordance with applicable regulatory requirements and only at authorized disposal sites.
- Equipment and containers will be checked for leaks, corrosion, support or foundation failure, or other signs of deterioration. Those that are found to be defective will be immediately repaired or replaced.

☒ 3.3 *Spill Prevention and Control Plan*

Spills and leaks will be avoided through frequent inspection of equipment and material storage areas. Heavy equipment and other vehicles will be routinely inspected for leaks and repaired as necessary. Material storage areas will be routinely inspected for leaky containers, open containers, or improper storage techniques that may lead to spills or leaks. Appropriate cleanup procedures and supplies will be available on-site.

Spills will be cleaned up immediately and following proper response procedures and in accordance with any applicable regulatory requirements. At no time will spills be cleaned and flushed down storm drains or in to any environmentally sensitive area (i.e. stream, pond, wetland).

Equipment/vehicle fueling and repair/maintenance operations or hazardous material storage will not take place within any of the constraint areas located on the "Constraint Map" (Section 1.7) and will be approved by the RIDOT Construction Manager.

☒ 3.4 Control of Allowable Non-Storm Water Discharges

Non-storm water discharges will be controlled to reduce the likelihood of contamination. Allowable discharges will be kept separate from stormwater flow with BMPs.

For contaminated non-stormwater discharge(s), the requirements and regulations of the associated RIPDES individual permit or RIPDES Remediation General Permit will be adhered to at all times.

☒ 3.5 Establish Proper Building Material Staging Areas

Stock piles will not be located within any of the constraint areas located on the "Constraint Map" (Section 1.7) and will be approved by the RIDOT Construction Manager. They will have side slopes no greater than 30% and stockpiles of erodible material will be seeded and ringed with RI STD 9.1.0 to stabilize (or RIDOT approved equivalent: berms, dikes, fiber rolls, compost socks, sandbag, gravel bags).

If soil stockpiles are not stabilized with vegetation, then they will be securely covered at the end of each workday.

All chemicals and/or hazardous waste material must be stored properly and legally in covered areas, with containment systems constructed in or around the storage areas. Areas must be designated for materials delivery and storage. Designated areas will not be located within any of the constraint areas located on the "Constraint Map" (Section 1.12) and will be approved by the RIDOT Construction Manager.

- A constraint map is not provided. Constraint areas throughout the project will instead include any area within 100 feet of a wetland and 50 feet of a catch basin or inlet.

☒ 3.6 Designate Washout Areas

Concrete mixer trucks and chutes will be washed in a designated area or concrete wastes will be properly disposed of off-site. Washout areas for concrete, paint or any other material will not be within any of the constraint areas located on the Site Plans (Section 1.7) and will be approved by the RIDOT Construction Manager.

Temporary concrete washout areas must be constructed and maintained to contain all water and concrete waste generated by washout operations. A sign should be placed at the washout site to inform concrete equipment operators of the facility location. Facilities must be cleaned or replaced when they reach 75% capacity.

At no time will any material (concrete, paint, chemicals) be washed into storm drains, open ditches, streets, streams, wetlands, or any environmentally sensitive area. The site operator must ensure that construction waste is properly and legally disposed of, to avoid exposure to precipitation, at the end of each working day. Designated areas will not be located within any of the constraint areas located on the Site Plans (Section 1.7) and will be approved by the RIDOT Construction Manager.

- A constraint map is not provided. Constraint areas throughout the project will instead include any area within 100 feet of a wetland and 50 feet of a catch basin or inlet.

☒ 3.7 Establish proper equipment/vehicle fueling & maintenance practices

Vehicle fueling, maintenance and/or washing will occur off-site, or in designated areas. Designated areas will not be located within any of the constraint areas located on the “Constraint Map” (Section 1.7) and will be approved by the RIDOT Construction Manager.

Areas will be clearly designated, and berms, sandbags, or other barriers will be used around the perimeter of the maintenance area to prevent storm water contamination.

Construction vehicles will be inspected frequently for leaks. Repairs will take place immediately. Disposal of all used oil, antifreeze, solvents and other automotive-related chemicals will be according to applicable regulations; at no time will any material be washed down the storm drain or in to any environmentally sensitive area.

- A constraint map is not provided. Constraint areas throughout the project will instead include any area within 100 feet of a wetland and 50 feet of a catch basin or inlet.

☒ 3.8 Dust Control

Dust control procedures and practices will be used to suppress dust on a construction site during the construction process, as applicable. Precipitation, temperature, humidity, wind velocity and direction will determine amount and frequency of applications. However, the best method of controlling dust is to prevent dust production. This can best be accomplished by limiting the amount of bare soil exposed at one time. RIDOT Standard Specifications Section 907 – Dust Control – will be followed.

Dust Control methods may include watering, surface roughening, wind barriers, walls, and covers.

☒ 3.9 Sweeping

Sweeping of streets, roads, highways, and parking lots that have accumulated significant amounts of pollutants (construction site sediment, trash, debris) will be done as necessary, or as directed by the RIDOT Construction Manager. When construction exits are not keeping construction site sediment from the roadway, sweeping will be done daily. Disposal of collected sweeping material will follow RIDOT Standard Specifications Section 931 – Cleaning and Sweeping Pavement.

SECTION 4: POST-CONSTRUCTION BMPs

Post-Construction Best Management Practices are BMPs that are installed during the Construction Phase of a project to manage storm water flow after the construction is completed.

Measures must be used during the construction project to protect permanent or long term BMPs as they are installed so that they will function properly when they are brought online at the end of the construction phase.

Such long-term BMPs may include: infiltration basins, open vegetated swales and natural depressions, vegetated buffer strips, and detention/ retention structures. Controls may also be needed to prevent or minimize erosion at outfall locations or along the length of vegetated channels to reduce velocity flow from the structure to the receiving waters.

Control measures that may need to be implemented during the construction phase typically include measures to ensure proper installation and/or long term functioning of the long-term BMPs. Examples include: ensuring proper material staging areas and equipment routing to avoid compaction of soil in areas meant for permanent BMPs, and final cleaning of structural BMPs before construction finalization.

4.1 Post-Construction BMPs

Location	Post-Construction BMP	Protective Measures
None Proposed		

SECTION 5: MAINTENANCE and INSPECTIONS

RIPDES Construction General Permit – Section IV.E.2.d

5.1 Maintenance

Maintenance procedures for erosion and sedimentation controls and stormwater management structures/facilities are described on the approved plan set and in Section 212 of the RHODE ISLAND DEPARTMENT OF TRANSPORTATION Standard Specifications for Road and Bridge Construction February 2024 EDITION (and Amendments).

The Contractor will maintain erosion and pollution controls to the satisfaction of the Construction Manager. Erosion and pollution controls must be able to prevent, under normal weather conditions, both the movement of soil materials and the intrusion of sediment-laden discharges into environmentally sensitive areas.

Construction will not commence or continue until all specified erosion and pollution controls are in place, properly installed and accepted by the Construction Manager.

Erosion and pollution controls will be cleaned when sediment deposits reach the heights indicated in the table provided in Section 212.03.1 of the RIDOT Standard Specifications, after a rainstorm as necessary; and/or when directed by the RIDOT Construction Manager.

Erosion control structures will remain in place until all disturbed earth has been securely stabilized and accepted by RIDOT. Before final removal, all accumulated sediment on the upstream side will be removed and legally disposed of. After removal of structures, disturbed areas will be regraded and stabilized as necessary.

BMPs will be maintained in effective operating condition by appropriate means. Upon identification of BMPs that are not operating effectively, maintenance and/or appropriate means will be performed as soon as practicable.

Timely maintenance of the control measures identified in this SWPPP will be ensured by weekly and post-storm event site inspections. These site inspections are a condition and requirement of the RIDOT Stormwater Management Program Plan.

Please Note: The contractor is required to have a full-time, on-site designated contact person responsible for working with the RIDOT Construction Manager and the SWPPP Inspector to resolve SWPPP-related issues.

5.2 Inspections

Minimum Monitoring and Reporting Requirements

The construction site must be inspected at least once every seven (7) calendar days and within twenty-four (24) hours after any storm event which generates at least 0.25-inches of precipitation per twenty-four (24) hour period and/or after a significant amount of runoff or snowmelt. An appropriate rain gauge (as may be found on www.wunderground.com or www.nws.noaa.gov (or similar sites)) must be identified and utilized for the determination of the storm events.

General Notes

- The Certified SWPPP Inspector (Inspector) will prepare a separate inspection report for each inspection.
- The Inspection Reference Number will be a combination of the **Construction Contract Number - consecutively numbered inspections.**
ex. Inspection reference number for the 4th inspection of a project would be:
2011-AA-BBB-4
- Each report will be signed and dated by the SWPPP Inspector and forwarded to the Construction Manager within 24 hours of the inspection.
- Each report will be signed and dated by the Construction Manager and forwarded to the Contractor's designated representative.
- Each report will be signed and dated by the Contractor upon receipt.
- If Corrective Actions are required, the Contractor will initiate appropriate measures within 24 hours of receiving of the inspection report.
- It is the responsibility of the RIDOT Construction Manager to maintain a copy of the SWPPP, copies of all completed inspection reports, and amendments as part of the SWPPP documentation at the project field office during construction.

ATTACHMENT A: Inspection Report Instructions and Template

5.3 Corrective Actions

If, in the opinion of the Inspector or Construction Manager, corrective action is required, the Inspector or Construction Manager will note it on the inspection report and will notify and direct the Contractor to take corrective action and make all necessary repairs whenever maintenance of the erosion and pollution controls is required.

In accordance with Section 212 of the RIDOT Standard Specifications, the Contractor will commence with the requisite cleaning and maintenance measures no later than the next consecutive calendar day after receiving such a directive from the Construction Manager, and will aggressively and expeditiously perform such cleaning and maintenance work until the original problem is remedied to the complete satisfaction of the Construction Manager.

If the Construction Manager decides on any given day that those erosion and pollution controls specified in the Contract are not in place or have not been adequately maintained as specified in this Section, the daily charge set forth in Section 110 will be deducted from monies due the Contractor as a charge for failure to comply with this Specification. Moreover, the stated daily charge will continue each consecutive calendar day thereafter until the deficiencies noted have been corrected to the complete satisfaction of the Construction Manager.

ATTACHMENT A: Inspection Report Instructions and Template including Corrective Action Log

SECTION 6: Amendments

This SWPPP is intended to be a working document.

It is expected that amendments will be required throughout the construction of the project.

Even if practices are installed on a site per the approved plan, the site is only in compliance when erosion and sedimentation are effectively controlled throughout the entire site.

The SWPPP will be amended whenever there is a change in design, construction, operation, maintenance, or other procedure which has a significant effect on the potential for the discharge of pollutants, or if the SWPPP proves to be ineffective in achieving its objectives (i.e. the selected BMPs are not effective in controlling erosion or sedimentation).

All revisions must be recorded in the Record of Amendments Log Sheet within the SWPPP, and dated red-line drawings and/or a detailed written description must be appended to the SWPPP. Inspection Forms must be revised to reflect all amendments. Update the Revision Date and the Version # in the footer of the Report to reflect amendments made.

All SWPPP Amendments, except minor non-technical revisions, must be approved by the Construction Manager.

SECTION 7: Recordkeeping

7.1 Requirements

It is the RIDOT Construction Manager's responsibility to have the following documents at the Field Office and immediately available for review upon request:

- A copy of the fully signed and dated SWPPP
- Copies of all signed and dated Inspection Reports
- Corrective Action Log
- Amendment Log
- Any Regulatory permits obtained as part of the Project

SECTION 8: Party Certifications

All parties working for the Rhode Island Department of Transportation are required to comply with the Stormwater Pollution Prevention Plan (SWPPP) for any work that is performed on-site. Any person or group who violates any condition of the SWPPP may be subject to substantial penalties or loss of contract. Contractors and Sub-Contractors are encouraged to advise all employees working on this project of the requirements of the SWPPP. A copy of the SWPPP is available for your review at the RIDOT Field Office, or may be obtained from the RIDOT Environmental Division by calling (401) 734-4892.

The prime contractor and each subcontractor engaged in activities at the construction site that could impact stormwater must be identified and sign the following certification statement.

I acknowledge that I have read and understand the terms and conditions of the SWPPP for the above designated project and agree to follow the BMPs and practices described in the SWPPP.

RIDOT Construction Manager:

Insert Company or Organization Name

Insert Name & Title

Insert Address

Insert City, State, Zip Code

Insert Telephone Number, Insert Fax/Email

signature/date

Contractor's Certified SWPPP Inspector:

Insert Company or Organization Name

Insert Name & Title

Insert Address

Insert City, State, Zip Code

Insert Telephone Number, Insert Fax/Email

signature/date & certification w/#

Contractor SWPPP Contact:

Insert Company or Organization Name

Insert Name & Title

Insert Address

Insert City, State, Zip Code

Insert Telephone Number, Insert Fax/Email

signature/date

Subcontractor SWPPP Contact:

Insert Company or Organization Name

Insert Name & Title

Insert Address

Insert City, State, Zip Code

Insert Telephone Number, Insert Fax/Email

signature/date

Amendment Log

ALL AMENDMENTS MUST BE APPROVED BY RIDOT CONSTRUCTION MANAGER

Describe amendment to be made to SWPPP, the date, and the person/title making the amendment. The RIDOT Construction Manager must approve ALL amendments.

	Date	Description of Amendment	R.E. initials
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Add more lines/pages as necessary

SWPPP APPENDICES

Attachment A

Small-Site SWPPP Inspection Report with Instructions

Small-Site SWPPP Corrective Action Log



Department of Transportation
Two Capitol Hill
Providence, RI 02903

Office 401-222-2450
Fax 401-222-3905

Small-Site SWPPP Inspection Report with Instructions

For all projects with **less than one (1) acre of soil disturbance**, RIDOT is required to develop and enforce a site-specific **Storm Water Pollution Prevention Plan (SWPPP)** to remain in compliance with RIDOT's Stormwater Management Program Plan (SWMPP). As part of the SWPPP, a site-specific inspection report must be created and utilized.

Preparing the Inspection Report

This inspection report template has been provided by RIDOT for the development of the site-specific SWPPP Inspection Report. It must be customized for each individual Project to meet the requirements of the RIPDES Construction General Permit and our SWMPP.

It is expected that this Inspection Report will be prepared as part of the preparation of the site-specific SWPPP. This inspection report template is designed to be customized according to the SWPPP document (initially) and then customized based on conditions at the site.

Review the site-specific SWPPP and the Plans to develop the inspection report. **On a copy of the site plan, number all stormwater BMPs and areas of the site that will be inspected.** Include both structural (basins, outlet protection, swales, etc) and non-structural (construction entrances, perimeter barriers, trash areas, etc) BMPs and areas that will be inspected. Also, identify all point source outfalls, areas of highly erodible soils, and the priority natural resource areas (i.e. streams, wetlands, mature trees, etc). **List each BMP or area to be inspected separately in the site-specific BMP section of the inspection report.**

An appropriate rain gauge must be identified and utilized for the determination of the storm events. Rain gauges may be found on www.wunderground.com, www.nws.noaa.gov (or similar sites).

Small-Site SWPPP Inspection Report Instructions for:

RIDOT ENVIRONMENTAL DIVISION

- The RIDOT Administrator of the Environmental Division must review the SWPPP and sign the Certification Statement as the site OWNER on p. iii of the SWPPP.

RIDOT CONSTRUCTION MANAGER

- The RIDOT Construction Manager (CM) must review the SWPPP and sign the Certification Statement for RIDOT Construction Manager in Section 8. If the CM has any questions, contact the RIDOT Environmental Division (ED) at 401-734-4892.
- After an inspection has been performed, the CM must sign the 'acknowledgement' certification on Page 1 of the Inspection Report **at time of receipt from the Inspector**.
- The CM must review the Inspection Report within 24-hours of receipt.
 - If the CM agrees with the Inspection report, the CM must:
 - Fill out the "NOTICE TO CONTRACTOR" box on the last page of the Report
 - Have the Contractor sign the 'acknowledgement' certification on Page 1
 - Make a copy of the Inspection Report with all 3 signatures for the Contractor's use
 - If the CM disagrees with a corrective action item, the CM must:
 - Document objection with each item and provide justifiable reason in the inspection report. The contractor will not responsible for initiating corrective actions for such items. RIDOT's ED will review such items if warranted.
 - Fill out the "NOTICE TO CONTRACTOR" box on the last page of the Report
 - Have the Contractor sign the 'acknowledgement' certification on Page 1
 - Make a copy of the Inspection Report with all 3 signatures for the Contractor's use
- It is the responsibility of the RIDOT Construction Manager to maintain a copy of the SWPPP, copies of all completed inspection reports, and amendments as part of the SWPPP documentation at the project field office during construction.
- **The Inspection Report serves as the RIDOT directive to the Contractor to proceed with corrective actions.**
- **The CM is responsible for verifying Corrective Actions performed by the Contractor (sign/date on Corrective Action Log).**

- On a monthly basis, the Construction Manager must electronically submit a PDF of the Inspection Reports to the Project Manager (PM) and the Environmental Division (ED). Please submit ED reports to: dot.swppp@dot.ri.gov .

Monthly submission:

- must include each completed, dated, and signed inspection report, including any associated photos.
- must be submitted no later than the 10th of the month following the end of the reporting period.
- must include a copy of the daily rainfall summary data for the month as reported by the selected rain gauge (ex/ the monthly calendar from www.wunderground.com).
- may have the report content, frequency, &/or submission format changed with approval from the ED.

CONTRACTOR'S CERTIFIED SWPPP INSPECTOR

- The Contractor may be the Inspector if they are qualified, or the Contractor may designate another qualified person as the Inspector (see current Section 212 of RIDOT Specifications). The designated inspector must review the SWPP Plan and sign the Certification Statement for SWPPP Inspector in Section 8 of the SWPPP.
- **It is the responsibility of the Contractor's Inspector to start the SWPPP Inspections BEFORE EARTHWORK BEGINS.** Earthwork is NOT allowed to proceed until a SWPPP Inspection of the site has been completed.
- A separate inspection report will be prepared for each inspection.
- Complete any items that will remain constant, such as the project information and BMP locations and descriptions. Then print out multiple copies (double-sided!) of this customized inspection report to use during the inspections *or save the file for future use on a computer.* **The Inspector must also include their Certification/Qualification number on each inspection report.**
- The Inspection Reference Number shall be a combination of the Construction Contract Number - **consecutively numbered inspections**.
ex. Inspection reference number for the 4th inspection of a project would be:
2006-AA-BBB-4
- Check the rain gauge for past & future weather data prior to inspection.
- Minimum Monitoring and Reporting Requirements
“...the site must be inspected at least once every seven (7) calendar days and within twenty-four (24) hours after any storm event which generates at least 0.25-inches of precipitation per twenty-four (24) hour period and/or after a significant amount of runoff or snowmelt.” (per RIPDES CGP)

- When conducting the inspection, walk the site by following the site map and numbered BMPs locations for inspection. Also, note whether the overall site issues have been addressed.
- Take photos to document issues, completed required maintenance/corrective actions – each photo should be dated and have a unique identification # and written description indicating where it is located within the project area. If a close-up photo is required, it should be preceded with a photo including both the detail area and some type of visible fixed reference point. Photos should be annotated with Station numbers and other identifying information where needed.
- For each inspection, the Inspector must determine if the Construction site is in compliance with the SWPPP, or not. The Inspector must check the appropriate check-box on Page 1 of the inspection report.
- Each report must be signed and dated by the Inspector and forwarded to the RIDOT Construction Manager within 24-hours of the inspection.

CONTRACTOR

- The Contractor must review the SWPPP and sign the Certification Statement for Contractor in Section 8 of the SWPPP.
- After an Inspection has been performed, the Contractor must sign the 'acknowledgement' certification on Page 1 of the inspection form at time of receipt from the Construction Manager.
- The CM will provide a copy of the signed Inspection Report to the Contractor.
- **The Inspection Report serves as your RIDOT directive to proceed with corrective actions.**
- In accordance with the SWPPP and Section 212 of the RIDOT Standard Specifications, the **Contractor will commence with the requisite cleaning and maintenance measures no later than the next consecutive calendar day after receiving such a directive from the Construction Manager, and will aggressively and expeditiously perform such cleaning and maintenance work until the original problem is remedied to the complete satisfaction of the Construction Manager.**
- The **CONTRACTOR** is responsible for maintaining the **CORRECTIVE ACTION LOG** for each inspection report. The log is a running total. Do not create a new one for each inspection.

Small-Site SWPPP Inspection Report Instructions for:

INSPECTOR, CONSTRUCTION MANAGER, & CONTRACTOR

Amendments

The SWPPP shall be amended whenever there is a change in design, construction, operation, maintenance, or other procedure which has a significant effect on the potential for the discharge of pollutants, or if the SWPPP proves to be ineffective in achieving its objectives.

SWPPP Amendments may be recommended by any party, but all amendments must be approved by the Construction Manager. The revision must be recorded in the Record of Amendments Log Sheet within the SWPPP and dated red-line drawings and/or a detailed written description must be appended to the SWPPP. Inspection Forms must be revised to reflect all amendments by the Inspector.

Questions

RIDOT Environmental Division
360 Lincoln Ave
Warwick, RI 02888
401-734-4892
dot.swppp@dot.ri.gov

RIDOT Small-Site SWPPP Inspection Report

Project Information			
Name/RIC/PTSID			
RIDOT Project Mgr		RIDOT Construction Mgr	
Contractor		Contractor's Project Superintendent	
E&S Sub-Contractor Contact		Certified SWPPP Inspector's Cert. & Cert. #	
Inspection Information			
Contractor's SWPPP Inspector Info	Name	Phone	Email
Inspection Date	Click or tap to enter a date.	Start/End Time	
Inspection Type <input type="checkbox"/> Weekly <input type="checkbox"/> Pre-storm event <input type="checkbox"/> During storm event <input type="checkbox"/> Post-storm event <input type="checkbox"/> Violation			
Weather Information			
Rain Gauge:			
Last Rain Event			
Date Click or tap to enter a date.: Duration (hrs): Approximate Rainfall (in):			
Current Weather at time of this inspection:			
Weather Forecast at time of this inspection: (And: When is next precipitation or wind event anticipated?)			
Certification Statements			
Inspector: (check one) <input type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and <u>is in compliance</u> with the site-specific SWPPP. <input type="checkbox"/> I, as the designated Inspector, certify that this site has been inspected and I have made the determination that the <u>site requires corrective actions</u> before it will be compliant with the site-specific SWPPP. The required corrective actions are noted within this inspection report.			
Print Name:	Signature:	Date: Click or tap to enter a date.	
Construction Manager: I, the RIDOT Construction Manager, acknowledge the receipt of this SWPPP inspection report, and understand the requirements set forth in the RIDOT Standard Specifications and the Contract Documents regarding the implementation and maintenance of erosion and sedimentation controls.			
Print Name:	Signature:	Date: Click or tap to enter a date.	
Contractor: I, the designated Contractor representative, acknowledge the receipt of this SWPPP inspection report, and understand the requirements set forth in the RIDOT Standard Specifications and the Contract Documents regarding the implementation and maintenance of erosion and sedimentation controls.			
Print Name:	Signature:	Date: Click or tap to enter a date.	

EROSION AND SEDIMENTATION BMP INSPECTION		"No" means needs attention	Assoc. Photo #	If "No", what is the CORRECTIVE ACTION to bring into compliance?
2.1	Are Limits of Disturbance clearly marked at the site?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.1	Are natural resource areas (e.g., streams, wetlands, trees, etc.) <u>protected</u> with sediment barriers or similar BMPs?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None on/adjacent to site		
2.2	Is construction sequencing being followed?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		
2.3	Are structural BMPs properly installed to <u>divert stormwater flow</u> from entering the construction site?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None needed		
2.4	Is clearing/grubbing only occurring in areas that will have <u>active work</u> within 21-days?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.4	Is clearing/grubbing taking place inside the <u>Apr 15 - Oct 15</u> window?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.4	Do disturbed/unstabilized areas have appropriate <u>erosion/sedimentation controls</u> in place?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> All areas stabilized		
2.5	Are all slopes <u>protected</u> from concentrated stormwater flow?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No slopes		
2.6	Are ALL storm drain inlets &/or catch basins properly <u>protected with silt sacks or other appropriate BMPs</u> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.7	Are ALL storm drain outfalls properly <u>protected from scour/erosion</u> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No outfalls		
2.8	Are perimeter and sediment controls adequately <u>installed & maintained</u> to prevent sediment from leaving the site (including entering drainage system)?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
2.9	If dewatering, are <u>discharge points protected & receiving waters free of sediment deposits</u> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No dewatering		
2.10	Is weather forecast being <u>checked regularly</u> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No		

Notes on Erosion and Sediment Controls:

GOOD HOUSEKEEPING BMP INSPECTION		"No" means needs attention	Assoc. Photo #	If "No", what is CORRECTIVE ACTION to bring into compliance?
3.1	Are BMPs effectively limiting sediment from being <u>tracked</u> into the street?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.2	Is trash/litter from work areas collected & placed in <u>covered</u> containers regularly?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.3	Are equipment , vehicles, containers, & storage areas <u>free from leaks</u> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.3	Are materials that are potential stormwater contaminants <u>covered</u> or <u>stored inside</u> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.4	Are non-storm water discharges (i.e. dust control H ₂ O) free from <u>contamination</u> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.5	Are stockpiles <u>covered</u> (either with temporary vegetation or tarps), <u>ringed</u> with barrier BMPs, & located <u>at least 50 feet away</u> from natural resources & storm drains?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No stockpiles		
3.6	Are washout facilities (e.g. paint, grout, concrete) <u>available</u> , clearly <u>marked</u> , and maintained & located <u>at least 50-feet away</u> from natural resources and storm drains?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No concrete use at this time		
3.7	Are vehicle & equipment fueling, cleaning, & maintenance areas <u>free from leaks</u> & located <u>at least 50-feet away</u> from natural resources & storm drains?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No fueling areas		
3.8	Is dust being <u>controlled</u> on-site?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
3.9	Is sweeping being used to <u>keep sediment off roads</u> & parking lots?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
PROCEDURAL BMP INSPECTION		"No" means needs attention	Assoc. Photo #	If "No", what is CORRECTIVE ACTION to bring into compliance?
4.1	Are permanent stormwater STUs (i.e. infiltration basins, swales, permeable pavement areas) being <u>protected from compaction</u> ? (<i>No stockpiling or vehicles in these areas!</i>)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No permanent STUs		
5.1	Are all erosion & pollution controls being <u>maintained</u> in accordance with RIDOT Standard Spec Section 212?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.2	Are inspections taking place at least every 7 days & after storm events?	<input type="checkbox"/> Yes <input type="checkbox"/> No		
5.3	Has the Contractor initiated & <u>completed</u> previous Corrective Actions (CA)?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No previous CA		
6.0	Are SWPPP Amendments being <u>logged</u> ?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> None		
7.0	Are SWPPP & ALL inspection reports being kept at RIDOT Field Office?	<input type="checkbox"/> Yes <input type="checkbox"/> No		

TO BE FILLED OUT BY RIDOT CONSTRUCTION MANAGER

OUTSTANDING CORRECTIVE ACTIONS

Were **CORRECTIVE ACTIONS** reported in the previous inspection report?

<input type="checkbox"/> NO	No Corrective Actions were issued in <u>previous</u> inspection report.	
<input type="checkbox"/> YES and...	<input type="checkbox"/> All Corrective Actions have been addressed	
	Date work began: <small>Click or tap to enter a date.</small>	Date work completed: <small>Click or tap to enter a date.</small>
	<input type="checkbox"/> Corrective Actions remain and are <u>noted in this inspection report</u> . WHY did they not get addressed w/in 7-days?	

NOTICE TO CONTRACTOR

This SWPPP Inspection Report, completed by a qualified inspector, indicates that this construction site is:

<input type="checkbox"/> COMPLIANT	<input type="checkbox"/> No immediate actions are required. Keep up the good work! <input type="checkbox"/> Work is required to maintain site compliance. Contractor to complete the noted corrective actions within 24 hours to stay in compliance. Site moves into non-compliant category after 24 hours if not completed. Charges may be assessed.
<input type="checkbox"/> NON-COMPLIANT	<p>This document serves as your RIDOT directive to proceed with the CORRECTIVE ACTIONS that have been outlined above.</p> <p>The SWPPP, Construction Contract documents, and Section 212 of the RIDOT Standard Specifications state that the Contractor will commence with the requisite cleaning and maintenance measures no later than the next consecutive calendar day after receiving such a directive from the Construction Manager and will aggressively and expeditiously perform such cleaning and maintenance work until the original problem is remedied to the complete satisfaction of the Construction Manager.</p> <p>Date work to begin: <small>Click or tap to enter a date.</small></p> <p>Date work to be completed: <small>Click or tap to enter a date.</small></p>
R.E. initials: _____ R.E. Comments: Date: <small>Click or tap to enter a date.</small>	

Corrective Action Log

**THIS FORM TO BE FILLED OUT BY SITE CONTRACTOR
FOR EVERY INSPECTION**

Location/ Station	Corrective Action	Date Notified	Date Completed	RIDOT Initial
		Click or tap to	Click or tap to enter a	
		Click or tap to	Click or tap to enter a	
		Click or tap to	Click or tap to enter a	
		Click or tap to	Click or tap to enter a	
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Operator Signature:		Date:	Click or tap to enter a date.	

Appendix E
Environmental Permits



State of Rhode Island
Coastal Resources Management Council
Oliver H. Stedman Government Center
4808 Tower Hill Road, Suite 3
Wakefield, RI 02879-1900

(401) 783-3370
Fax (401) 783-2069

Post CRMC Assent Requirements

The following is a checklist of Post Assent actions that are required for you to address:

Recording of Assent

- As per General Stipulation "A" of the enclosed Assent, the Property Owner or their Agent **must record** this CRMC Assent **in its entirety** at the project location's local municipal Town/City Clerk's office. Each and every page of this enclosed Assent must be registered by the applicant onto the property's title and certified by the City/Town. You **must** do this within 30 days of receiving this Assent. **You, the applicant, are responsible for returning, a hard copy or email to the Coastal Resources, a copy of each and every page to CRMC of the recorded Assent which will be stamped by the Clerk's office upon your filing.** Failure to comply could render this Assent null and void, revocation of your Assent and/or resulting in an Administrative Fine of up to \$2,500.00 being assessed. Your prompt attention to this matter is greatly appreciated. Should you have any questions please do not hesitate to call the Coastal Resources office at 401-783-3370, fax us at 401-783-2069 or email copy of the recorded Assent to jabbruzzese@crmc.ri.gov.

Commencement of Work Notice:

- Please alert CRMC within 48 hours of the start of your project by emailing: Cstaff1@crmc.ri.gov.

Posting of Assent Card:

- To be in compliance with your CRMC Assent you must post the orange or blue assent card enclosed in a conspicuous place on the project site. Please do not remove the document attached which is the actual assent with stipulations.

Post Dock Construction Requirement

- As per Red Book (650-RICR-20-00-1) § 1.3.1(D)(11)(y), all residential docks shall be certified by the Design Engineer that it was constructed according to the approved plans with typical marine construction standards. Please provide confirmation of certification through the use of the enclosed document. All applicants for residential and limited recreational docks shall submit the CRMC designer's dock as-built form and an as-built survey within thirty (30) days following construction. Post construction survey shall meet all requirements of Section 1.3.1(D)(10)(t).



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Oliver H. Stedman Government Center
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Wakefield, RI 02879-1900

(401) 783-3370
Fax (401) 783-3767

ASSENT

CRMC File No.: 2023-10-090

CRMC Assent No.: A2023-10-090

Whereas,
of

**Department of Transportation
Attn: Alisa Richardson
360 Lincoln Avenue
Warwick, RI 02888**

has applied to the Coastal Resources Management Council for assent to: RI Bridge #292 will be removed and replaced by a new bridge comprised of a NEXT D prestressed concrete beam superstructure with bituminous wearing surface, concrete abutments, and steel micro piles drilled into bedrock. The proposed bridge will be widened by 8.5 feet (out to out) to address current safety hazards for pedestrians and emergency vehicles. Proposed abutments will be located behind the existing abutments, which will be cut down and the lower portion to remain as scour protection. In-water work is limited to control of water and dewatering around the substructure during demolition and repairs. A small area of unvegetated salt marsh (approx. 10 square feet) will be temporarily impacted during dewatering, however salt marsh plantings are proposed within the area to mitigate for temporary impacts and represents that they are the owner(s) of the riparian rights attached to the property involved and submitted plans of the work to be done.

Now, said Council, having fully considered said application in accordance with all the regulations as set forth in the Administrative Procedures Act does hereby authorize said applicant, subject to the provisions of Title 46, Chapter 23 of the General Laws of Rhode Island, 1956, as amended, and all laws which are or may be in force applicable thereto: **RI Bridge #292 will be removed and replaced by a new bridge comprised of a NEXT D prestressed concrete beam superstructure with bituminous wearing surface, concrete abutments, and steel micro piles drilled into bedrock. The proposed bridge will be widened by 8.5 feet (out to out) to address current safety hazards for pedestrians and emergency vehicles. Proposed abutments will be located behind the existing abutments, which will be cut down and the lower portion to remain as scour protection. In-water work is limited to control of water and dewatering around the substructure during demolition and repairs. A small area of unvegetated salt marsh (approx. 10 square feet) will be temporarily impacted during dewatering, however salt marsh plantings are proposed within the area to mitigate temporary impacts; located at Pond Bridge Road, Tiverton, RI, in accordance with said plans submitted to this Council and approved by this Council. All work being permitted must be completed on or before **August 5, 2027**, after which date this assent is null and void, (unless written application requesting an extension is received by CRMC sixty (60) days prior to expiration date).**

Applicant agrees that as a condition to the granting of this assent, members of the Coastal Resources Management Council or its staff shall have access to applicant's property to make on-site inspections to insure compliance with the assent.

Licensee shall be fully and completely liable to State, and shall waive any claims against State for contribution or otherwise, and shall indemnify, defend, and save harmless State and its agencies, employees, officers, directors, and agents with respect to any and all liability, damages (including damages to land, aquatic life, and other natural resources), expenses, causes of action, suits, claims, costs (including testing, auditing, surveying, and investigating costs), fees (including attorneys' fees and costs), penalties (civil and criminal), and response, cleanup, or remediation costs assessed against or imposed upon Licensee, State, or the Property, as a result of Licensee's control of the Property, or Licensee's use, disposal, transportation, generation and/or sale of Hazardous Substances or that of Licensee's employees, agents, assigns, sublicensees, contractors, subcontractors, permittees, or invitees.

Nothing in this assent shall be construed to impair the legal rights of this granting authority or of any person. By this assent the granting authority by no manner, shape, or form assumes any liability or responsibility implied, or in fact, for the stability or permanence of said project; nor by this assent is there any liability implied or in fact assumed or imposed on the granting authority. Further, the granting authority by its representatives or duly authorized agents shall have the right to inspect said project at all times including, but not limited to, the construction, completion, and all times thereafter.

This Assent is granted with the specific proviso that the construction authorized therein will be maintained in good condition by the owner thereof, his heirs, successors, or assigns for a period of fifty (50) years from the date thereof, after which time this permission shall terminate necessitating either complete removal or a new application.

Permits issued by the CRMC are issued for a finite period of time, confer no property rights, and are valid only with the conditions and stipulations under which they are granted. Permits imply no guarantee of renewal, and may be subject to denial, revocation, or modification.

If this matter appeared before the full Council, a copy of the legal decision from this proceeding may be acquired by contacting the CRMC office in writing.

A copy of this Assent shall be kept on site during construction.

Application for future alteration of the shoreline or other construction or alteration within the CRMC jurisdiction shall be submitted to the CRMC for review prior to commencing such activity.

All applicable policies, prohibitions, and standards of the RICRMP shall be upheld.

All local, state or federal ordinances and regulations must be complied with.

Please be advised that as a further conditions of this Assent, it is hereby stipulated that you and/or your agents shall comply at all times with Federal and State Water Quality Standards and other State standards and regulations regarding water quality, and shall exercise such supervision over and control of these facilities to prevent the dumping or discarding or refuse, sanitary wastes and other pollutants in the tidal waters, either from vessels docked at said facilities or from land adjacent thereto.

No work that involves alteration to wetlands or waters of the United States shall be done under this Assent until the required Federal Permit has been obtained.

Non-compliance with this assent shall result in legal action and/or revocation of this permit.

CAUTION:

The limits of authorized work shall be only for that which was approved by the CRMC. Any activities or alterations in which deviate from this assent or what was detailed on the CRMC approved plans will require a separate application and review. Additionally, if the information provided to the CRMC for this review is inaccurate or did not reveal all necessary information or data, then this permit may be found to be null and void. Plans for any future alteration of the shoreline or construction or alteration within the 200' zone of CRMC jurisdiction or in coastal waters must be submitted for review to the CRMC prior to commencing such activity.

Permits, licenses or easements issued by the Council are valid only with the conditions and stipulation under which they are granted and imply no guarantee of renewal. The initial application or an application for renewal may be subject to denial or modification. If an application is granted, said permit, license and easement may be subject to revocation and/or modification for failure to comply with the conditions and stipulations under which the same was issued or for other good cause.

ATTENTION: ALL STRUCTURES AND FILLED AREAS IN THE TIDAL, COASTAL, OR NAVIGABLE WATERS OF THE STATE OF RHODE ISLAND ARE SUBJECT TO:

1. The Superior Property Rights of the State of Rhode Island in the Submerged and Submersible Lands of the Coastal, Tidal, and Navigable Waters;
2. The Superior Navigation Servitude of the United States;
3. The Police Powers of the State of Rhode Island and the United States to regulate Structures in the Tidal, Coastal, or Navigable Waters.

THE SUBMERGED AND SUBMERSIBLE LANDS OF THE TIDAL, COASTAL, AND NAVIGABLE WATERS OF THE STATE ARE OWNED BY THE STATE AND HELD IN TRUST FOR THE PUBLIC. CONVEYANCE OF THESE LANDS IS ILLEGAL; TITLES PURPORTING TO TRANSFER SUCH LANDS ARE VOID. ASSENTS THAT INVOLVE THE FILLING OR USE OF THE STATES SUBMERGED LANDS ARE GRANTED WITH THE PROVISIO THAT IT IS SUBJECT TO THE IMPOSITION OF A USAGE FEE TO BE ESTABLISHED BY THE COASTAL RESOURCES MANAGEMENT COUNCIL.

The lands adjacent to tidal waters and/or access to these lands may be impacted or rendered unusable in the future due to sea level rise, storm surge, and shoreline erosion. Online resources including STORMTOOLS, Shoreline Change Maps, and Sea Levels Affecting Marshes Model (SLAMM) Maps can be accessed through the CRMC website (www.crmc.ri.gov). The Council recommends the use of these resources to evaluate the flood extent and inundation from sea level rise, storm surge and erosion and damages to land, aquatic life, loss of public access and other natural resources on and near the site of the above assent. The project life may be shortened by these processes and may require additional adaptation measure up to and including relocation of the project. By issuing this assent the granting authority neither explicitly nor implicitly assumes any liability or responsibility for the stability or

permanence of said project under future climate and shoreline conditions.

SPECIFIC STIPULATIONS OF APPROVAL

General Stipulations

- A. The applicant shall record this assent in its entirety in the land evidence records of the Town of Tiverton within thirty (30) days of the date of assent issuance. Certification by the Town Clerk's office that this stipulation has been complied with shall be furnished to Coastal Resources Management Council by the applicant within fifteen (15) days thereafter. Failure to comply with the provision will render this assent null and void.**
- B. For the purpose of this permit, the coastal feature shall be Almy Creek (tidal) and contiguous coastal wetland; and the inland edge of the coastal feature shall be inland edge/top of bank of coastal wetland, as shown on approved plans.
- C. The Freshwater Wetlands shall be Nonquit Pond and adjacent Swamp, as shown on approved plans.
- D. The approved plan shall be those entitled "State Of Rhode Island Department of Transportation Plan, Profile and Sections of Proposed State Highway Bridge Group 44H – Nonquit Pond Town of Tiverton..." All sheets (1 – 24), dated May 2024, prepared by Richard C. Rhodes IV PE, VHB. Except as stipulated or modified herein, all details and specifications thereon shall be strictly adhered to. Any and all changes require written approval from this office.
- E. Prior to commencement of site alterations, you shall post the CRMC assent card. This assent card must be maintained at the site in a conspicuous location until such a time that the project is complete.
- F. This project required a Coastal Hazards Analysis (CHA) as per the Rhode Island Coastal Resources Management Council's regulations. The Council recommends residential applications meet a minimum of a 30-year design life (longer design life may not meet recommended criteria). Please be advised this project:
- Does not meet the anticipated 3' rate of Sea Level Rise (SLR).
 - Does not meet the recommended Storm Tools Design Elevation (SDE) for three feet (3') of SLR.
- G. Vegetation outside of the approved LOD shall remain in an undisturbed condition. Vegetation disturbance relating to selective trimming, pruning, and clearing is limited strictly to those areas outlined on the approved plans. Vegetation must be allowed to naturally revegetate in the disturbed areas once the work is complete.
- H. The proposed restoration areas must be completed coincident with construction completion. Planting must be as outlined on approved plans. If proposed species cannot be obtained due to stocking issues, RI native species must be used suitable for the habitat types they are proposed in.

I. The applicant is responsible for the survivorship of the plantings for one full growing season. Plants not surviving the first growing season shall be replaced as stated on the approved plans/necessary.

J. An Environmental Compliance Monitor (ECM) shall be designated to oversee project compliance with the CRMC Assent. The RE (Resident Engineer) shall ensure that one or more inspectors are available as necessary for the project, each inspector must be qualified in the required specialized environmental field (i.e., waste management, coastal wetlands, etc). Each inspector must have the education and experience in each respective field to properly inspect the project and recommend corrective measures. The RE/ECM shall report site inspections at least once weekly and on an as needed basis during all phases of the project, likely to result in environmental impacts. A dated and signed report shall be completed for the record during each inspection. Each inspection shall identify any environmental issues of concern and any non-compliance with the CRMC Assent and other agency approvals (RI Department of Environmental Management, US Army Corps of Engineers and US Coast Guard). Subsequent reports shall describe actions and remedies undertaken to rectify these issues and restore project compliance with the CRMC Assent and the approved plans. Where compliance has not been properly achieved, the RE/ECM shall notify the CRMC on a timely basis. In addition, field reports shall be available to be forwarded to the CRMC upon request.

K. Project must comply with all Time of Year Restrictions (TOYR) for vegetation removal for bird nesting seasons. The allowed vegetation removal period is September 1 – February 28.

L. COW measures should be installed outside of the TOYR windows.

M. An Army Corp of Engineers permit/approval is required.

Earthwork Stipulations

A. The Permittee shall construct and maintain all soil erosion, runoff, and sediment control practices in accordance with the CRMC approved site plan (referenced herein).

B. Prior to the initiation of site alterations or construction including the mobilization of construction vehicles, equipment or machinery, the Limit of Disturbance (LOD) shall be adequately delineated on site (by survey methods where appropriate). No equipment access, equipment or material storage or other activities including construction vehicle parking shall occur beyond the Limit of Disturbance, even on a temporary basis.

C. All discharges which result from dewatering operations must flow into pumping settling basins, portable sediment tanks or portable sediment bags which are properly installed and maintained in accordance with good engineering practices including the applicable details found in the manufacturer's specifications and/or in the Rhode Island Soil Erosion and Sediment Control Handbook (as amended).

D. There shall be no activities (construction, stockpiling vehicle, or equipment access, etc.) beyond the approved Limit of Disturbance (LOD).

E. All excavated material shall be cast on the upslope side of the excavation to minimize sedimentation. No excavated material shall be stockpiled beyond the Limit of Disturbance (LOD) or in unauthorized locations.

F. All areas of disturbed soils which are impacted by construction, site work and related activities shall be temporarily stabilized throughout the site construction period. Soil stabilization may be achieved through appropriate temporary measures as described by the Rhode Island Soil Erosion and Sediment Control Handbook (as amended). Where the season is not conducive to the establishment of vegetative cover, other temporary measures shall be employed including the application of mulch and/or use of fiber rolls (erosion control blankets, etc.). Temporary erosion, runoff and sediment controls shall be employed and maintained until temporary or permanent vegetative cover can be achieved and/or site improvements such as approved buildings, roadways and parking areas are constructed resulting in a lack of exposed soil.

G. Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating or other earth disturbance activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization must be completed using vegetative stabilization measures or using alternative measures whenever vegetative measures are deemed impracticable or during periods of drought. All disturbed soils exposed prior to October 15th shall be seeded by that date. Any such areas which do not have adequate vegetative stabilization by November 15th must be stabilized through the use of non-vegetative erosion control measures. If work continues within any of these areas during the period from October 15th through April 15th, care must be taken to ensure that only the area required for that day's work is exposed, and all erodible soil must be restabilized within five (5) working days.

H. There shall be no discharge or disposal of toxic waste, hazardous materials, oil, grease and other lubricants, excess fertilizer, pesticides or other chemicals or controlled materials either on site or in any area which may enter a wetland, watercourse, or groundwater. All spills of such materials shall be reported to the RI Department of Environmental Management for appropriate remediation. All used lubricants, excess chemicals, fertilizers, pesticides, etc., shall be removed from the site for transport, handling, and disposal in accordance with all applicable state and federal regulations.

I. All excess excavated materials (soils, rock, gravel, etc.), excess construction materials, demolition debris, temporary erosion, runoff, and sediment control measures, etc., shall be removed from the site for appropriate re-use and/or proper disposal at a suitable upland location or landfill. All toxic materials and waste shall be properly transported and disposed of in accordance with applicable state and federal regulations.

J. Upon the successful stabilization of exposed soils, all temporary (interim) erosion, runoff and sediment control measures as well as pollution prevention measures shall be appropriately decommissioned and removed from the site for re-use and/or for disposal at a suitable, legal upland location or landfill. All temporary sediment basins, sediment traps and channels, etc., shall be removed and/or restored in accordance with the approved site plans.

Stipulations for Stormwater Management on Projects Other than Individual Single-Family Residential Lot Development

K. The Permittee shall construct and maintain the stormwater management practices (swale) in accordance with the CRMC approved site plan (referenced herein).

L. All stormwater management practices (swale) shall be operated and maintained in accordance with the latest RI Stormwater Design and Installation Manual.

In Witness Whereof, said Coastal Resources Management Council has hereto set their hands and seal this **5th day of August in the year two-thousand-twenty-four.**



Laura Miguel, Deputy Director
Coastal Resources Management Council

/jla



State of Rhode Island
Coastal Resources Management Council
Oliver H. Stedman Government Center
4808 Tower Hill Road, Suite 116
Wakefield, RI 02879-1900

(401) 783-3370
Fax (401) 783-3767

ASSENT

CRMC File No.: 2023-10-090

CRMC Assent No.: A2023-10-090

Whereas,
of

Department of Transportation
Attn: Alisa Richardson
360 Lincoln Avenue
Warwick, RI 02888

has applied to the Coastal Resources Management Council for assent to: RI Bridge #292 will be removed and replaced by a new bridge comprised of a NEXT D prestressed concrete beam superstructure with bituminous wearing surface, concrete abutments, and steel micro piles drilled into bedrock. The proposed bridge will be widened by 8.5 feet (out to out) to address current safety hazards for pedestrians and emergency vehicles. Proposed abutments will be located behind the existing abutments, which will be cut down and the lower portion to remain as scour protection. In-water work is limited to control of water and dewatering around the substructure during demolition and repairs. A small area of unvegetated salt marsh (approx. 10 square feet) will be temporarily impacted during dewatering, however salt marsh plantings are proposed within the area to mitigate for temporary impacts and represents that they are the owner(s) of the riparian rights attached to the property involved and submitted plans of the work to be done.

Now, said Council, having fully considered said application in accordance with all the regulations as set forth in the Administrative Procedures Act does hereby authorize said applicant, subject to the provisions of Title 46, Chapter 23 of the General Laws of Rhode Island, 1956, as amended, and all laws which are or may be in force applicable thereto: **RI Bridge #292 will be removed and replaced by a new bridge comprised of a NEXT D prestressed concrete beam superstructure with bituminous wearing surface, concrete abutments, and steel micro piles drilled into bedrock. The proposed bridge will be widened by 8.5 feet (out to out) to address current safety hazards for pedestrians and emergency vehicles. Proposed abutments will be located behind the existing abutments, which will be cut down and the lower portion to remain as scour protection. In-water work is limited to control of water and dewatering around the substructure during demolition and repairs. A small area of unvegetated salt marsh (approx. 10 square feet) will be temporarily impacted during dewatering, however salt marsh plantings are proposed within the area to mitigate temporary impacts; located at Pond Bridge Road, Tiverton, RI, in accordance with said plans submitted to this Council and approved by this Council. All work being permitted must be completed on or before **August 5, 2027**, after which date this assent is null and void, (unless written application requesting an extension is received by CRMC sixty (60) days prior to expiration date).**

Applicant agrees that as a condition to the granting of this assent, members of the Coastal Resources Management Council or its staff shall have access to applicant's property to make on-site inspections to insure compliance with the assent.

Licensee shall be fully and completely liable to State, and shall waive any claims against State for contribution or otherwise, and shall indemnify, defend, and save harmless State and its agencies, employees, officers, directors, and agents with respect to any and all liability, damages (including damages to land, aquatic life, and other natural resources), expenses, causes of action, suits, claims, costs (including testing, auditing, surveying, and investigating costs), fees (including attorneys' fees and costs), penalties (civil and criminal), and response, cleanup, or remediation costs assessed against or imposed upon Licensee, State, or the Property, as a result of Licensee's control of the Property, or Licensee's use, disposal, transportation, generation and/or sale of Hazardous Substances or that of Licensee's employees, agents, assigns, sublicensees, contractors, subcontractors, permittees, or invitees.

Nothing in this assent shall be construed to impair the legal rights of this granting authority or of any person. By this assent the granting authority by no manner, shape, or form assumes any liability or responsibility implied, or in fact, for the stability or permanence of said project; nor by this assent is there any liability implied or in fact assumed or imposed on the granting authority. Further, the granting authority by its representatives or duly authorized agents shall have the right to inspect said project at all times including, but not limited to, the construction, completion, and all times thereafter.

This Assent is granted with the specific proviso that the construction authorized therein will be maintained in good condition by the owner thereof, his heirs, successors, or assigns for a period of fifty (50) years from the date thereof, after which time this permission shall terminate necessitating either complete removal or a new application.

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If this matter appeared before the full Council, a copy of the legal decision from this proceeding may be acquired by contacting the CRMC office in writing.

A copy of this Assent shall be kept on site during construction.

Application for future alteration of the shoreline or other construction or alteration within the CRMC jurisdiction shall be submitted to the CRMC for review prior to commencing such activity.

All applicable policies, prohibitions, and standards of the RICRMP shall be upheld.

All local, state or federal ordinances and regulations must be complied with.

Please be advised that as a further conditions of this Assent, it is hereby stipulated that you and/or your agents shall comply at all times with Federal and State Water Quality Standards and other State standards and regulations regarding water quality, and shall exercise such supervision over and control of these facilities to prevent the dumping or discarding or refuse, sanitary wastes and other pollutants in the tidal waters, either from vessels docked at said facilities or from land adjacent thereto.

No work that involves alteration to wetlands or waters of the United States shall be done under this Assent until the required Federal Permit has been obtained.

Non-compliance with this assent shall result in legal action and/or revocation of this permit.

CAUTION:

The limits of authorized work shall be only for that which was approved by the CRMC. Any activities or alterations in which deviate from this assent or what was detailed on the CRMC approved plans will require a separate application and review. Additionally, if the information provided to the CRMC for this review is inaccurate or did not reveal all necessary information or data, then this permit may be found to be null and void. Plans for any future alteration of the shoreline or construction or alteration within the 200' zone of CRMC jurisdiction or in coastal waters must be submitted for review to the CRMC prior to commencing such activity.

Permits, licenses or easements issued by the Council are valid only with the conditions and stipulation under which they are granted and imply no guarantee of renewal. The initial application or an application for renewal may be subject to denial or modification. If an application is granted, said permit, license and easement may be subject to revocation and/or modification for failure to comply with the conditions and stipulations under which the same was issued or for other good cause.

ATTENTION: ALL STRUCTURES AND FILLED AREAS IN THE TIDAL, COASTAL, OR NAVIGABLE WATERS OF THE STATE OF RHODE ISLAND ARE SUBJECT TO:

1. The Superior Property Rights of the State of Rhode Island in the Submerged and Submersible Lands of the Coastal, Tidal, and Navigable Waters;
2. The Superior Navigation Servitude of the United States;
3. The Police Powers of the State of Rhode Island and the United States to regulate Structures in the Tidal, Coastal, or Navigable Waters.

THE SUBMERGED AND SUBMERSIBLE LANDS OF THE TIDAL, COASTAL, AND NAVIGABLE WATERS OF THE STATE ARE OWNED BY THE STATE AND HELD IN TRUST FOR THE PUBLIC. CONVEYANCE OF THESE LANDS IS ILLEGAL; TITLES PURPORTING TO TRANSFER SUCH LANDS ARE VOID. ASSENTS THAT INVOLVE THE FILLING OR USE OF THE STATES SUBMERGED LANDS ARE GRANTED WITH THE PROVISIO THAT IT IS SUBJECT TO THE IMPOSITION OF A USAGE FEE TO BE ESTABLISHED BY THE COASTAL RESOURCES MANAGEMENT COUNCIL.

The lands adjacent to tidal waters and/or access to these lands may be impacted or rendered unusable in the future due to sea level rise, storm surge, and shoreline erosion. Online resources including STORMTOOLS, Shoreline Change Maps, and Sea Levels Affecting Marshes Model (SLAMM) Maps can be accessed through the CRMC website (www.crmc.ri.gov). The Council recommends the use of these resources to evaluate the flood extent and inundation from sea level rise, storm surge and erosion and damages to land, aquatic life, loss of public access and other natural resources on and near the site of the above assent. The project life may be shortened by these processes and may require additional adaptation measure up to and including relocation of the project. By issuing this assent the granting authority neither explicitly nor implicitly assumes any liability or responsibility for the stability or

permanence of said project under future climate and shoreline conditions.

SPECIFIC STIPULATIONS OF APPROVAL

General Stipulations

A. The applicant shall record this assent in its entirety in the land evidence records of the Town of Tiverton within thirty (30) days of the date of assent issuance. Certification by the Town Clerk's office that this stipulation has been complied with shall be furnished to Coastal Resources Management Council by the applicant within fifteen (15) days thereafter. Failure to comply with the provision will render this assent null and void.

B. For the purpose of this permit, the coastal feature shall be Almy Creek (tidal) and contiguous coastal wetland; and the inland edge of the coastal feature shall be inland edge/top of bank of coastal wetland, as shown on approved plans.

C. The Freshwater Wetlands shall be Nonquit Pond and adjacent Swamp, as shown on approved plans.

D. The approved plan shall be those entitled "State Of Rhode Island Department of Transportation Plan, Profile and Sections of Proposed State Highway Bridge Group 44H – Nonquit Pond Town of Tiverton..." All sheets (1 – 24), dated May 2024, prepared by Richard C. Rhodes IV PE, VHB. Except as stipulated or modified herein, all details and specifications thereon shall be strictly adhered to. Any and all changes require written approval from this office.

E. Prior to commencement of site alterations, you shall post the CRMC assent card. This assent card must be maintained at the site in a conspicuous location until such a time that the project is complete.

F. This project required a Coastal Hazards Analysis (CHA) as per the Rhode Island Coastal Resources Management Council's regulations. The Council recommends residential applications meet a minimum of a 30-year design life (longer design life may not meet recommended criteria). Please be advised this project:

- Does not meet the anticipated 3' rate of Sea Level Rise (SLR).
- Does not meet the recommended Storm Tools Design Elevation (SDE) for three feet (3') of SLR.

G. Vegetation outside of the approved LOD shall remain in an undisturbed condition. Vegetation disturbance relating to selective trimming, pruning, and clearing is limited strictly to those areas outlined on the approved plans. Vegetation must be allowed to naturally revegetate in the disturbed areas once the work is complete.

H. The proposed restoration areas must be completed coincident with construction completion. Planting must be as outlined on approved plans. If proposed species cannot be obtained due to stocking issues, RI native species must be used suitable for the habitat types they are proposed in.

I. The applicant is responsible for the survivorship of the plantings for one full growing season. Plants not surviving the first growing season shall be replaced as stated on the approved plans/necessary.

J. An Environmental Compliance Monitor (ECM) shall be designated to oversee project compliance with the CRMC Assent. The RE (Resident Engineer) shall ensure that one or more inspectors are available as necessary for the project, each inspector must be qualified in the required specialized environmental field (i.e., waste management, coastal wetlands, etc). Each inspector must have the education and experience in each respective field to properly inspect the project and recommend corrective measures. The RE/ECM shall report site inspections at least once weekly and on an as needed basis during all phases of the project, likely to result in environmental impacts. A dated and signed report shall be completed for the record during each inspection. Each inspection shall identify any environmental issues of concern and any non-compliance with the CRMC Assent and other agency approvals (RI Department of Environmental Management, US Army Corps of Engineers and US Coast Guard). Subsequent reports shall describe actions and remedies undertaken to rectify these issues and restore project compliance with the CRMC Assent and the approved plans. Where compliance has not been properly achieved, the RE/ECM shall notify the CRMC on a timely basis. In addition, field reports shall be available to be forwarded to the CRMC upon request.

K. Project must comply with all Time of Year Restrictions (TOYR) for vegetation removal for bird nesting seasons. The allowed vegetation removal period is September 1 – February 28.

L. COW measures should be installed outside of the TOYR windows.

M. An Army Corp of Engineers permit/approval is required.

Earthwork Stipulations

A. The Permittee shall construct and maintain all soil erosion, runoff, and sediment control practices in accordance with the CRMC approved site plan (referenced herein).

B. Prior to the initiation of site alterations or construction including the mobilization of construction vehicles, equipment or machinery, the Limit of Disturbance (LOD) shall be adequately delineated on site (by survey methods where appropriate). No equipment access, equipment or material storage or other activities including construction vehicle parking shall occur beyond the Limit of Disturbance, even on a temporary basis.

C. All discharges which result from dewatering operations must flow into pumping settling basins, portable sediment tanks or portable sediment bags which are properly installed and maintained in accordance with good engineering practices including the applicable details found in the manufacturer's specifications and/or in the Rhode Island Soil Erosion and Sediment Control Handbook (as amended).

D. There shall be no activities (construction, stockpiling vehicle, or equipment access, etc.) beyond the approved Limit of Disturbance (LOD).

E. All excavated material shall be cast on the upslope side of the excavation to minimize sedimentation. No excavated material shall be stockpiled beyond the Limit of Disturbance (LOD) or in unauthorized locations.

F. All areas of disturbed soils which are impacted by construction, site work and related activities shall be temporarily stabilized throughout the site construction period. Soil stabilization may be achieved through appropriate temporary measures as described by the Rhode Island Soil Erosion and Sediment Control Handbook (as amended). Where the season is not conducive to the establishment of vegetative cover, other temporary measures shall be employed including the application of mulch and/or use of fiber rolls (erosion control blankets, etc.). Temporary erosion, runoff and sediment controls shall be employed and maintained until temporary or permanent vegetative cover can be achieved and/or site improvements such as approved buildings, roadways and parking areas are constructed resulting in a lack of exposed soil.

G. Stabilization of disturbed areas must, at a minimum, be initiated immediately whenever any clearing, grading, excavating or other earth disturbance activities have permanently ceased on any portion of the site, or temporarily ceased on any portion of the site and will not resume for a period exceeding 14 calendar days. Stabilization must be completed using vegetative stabilization measures or using alternative measures whenever vegetative measures are deemed impracticable or during periods of drought. All disturbed soils exposed prior to October 15th shall be seeded by that date. Any such areas which do not have adequate vegetative stabilization by November 15th must be stabilized through the use of non-vegetative erosion control measures. If work continues within any of these areas during the period from October 15th through April 15th, care must be taken to ensure that only the area required for that day's work is exposed, and all erodible soil must be restabilized within five (5) working days.

H. There shall be no discharge or disposal of toxic waste, hazardous materials, oil, grease and other lubricants, excess fertilizer, pesticides or other chemicals or controlled materials either on site or in any area which may enter a wetland, watercourse, or groundwater. All spills of such materials shall be reported to the RI Department of Environmental Management for appropriate remediation. All used lubricants, excess chemicals, fertilizers, pesticides, etc., shall be removed from the site for transport, handling, and disposal in accordance with all applicable state and federal regulations.

I. All excess excavated materials (soils, rock, gravel, etc.), excess construction materials, demolition debris, temporary erosion, runoff, and sediment control measures, etc., shall be removed from the site for appropriate re-use and/or proper disposal at a suitable upland location or landfill. All toxic materials and waste shall be properly transported and disposed of in accordance with applicable state and federal regulations.

J. Upon the successful stabilization of exposed soils, all temporary (interim) erosion, runoff and sediment control measures as well as pollution prevention measures shall be appropriately decommissioned and removed from the site for re-use and/or for disposal at a suitable, legal upland location or landfill. All temporary sediment basins, sediment traps and channels, etc., shall be removed and/or restored in accordance with the approved site plans.

Department of Transportation
CRMC Assent A2023-10-090
August 5, 2024
Page Seven

Stipulations for Stormwater Management on Projects Other than Individual Single-Family Residential Lot Development

K. The Permittee shall construct and maintain the stormwater management practices (swale) in accordance with the CRMC approved site plan (referenced herein).

L. All stormwater management practices (swale) shall be operated and maintained in accordance with the latest RI Stormwater Design and Installation Manual.

In Witness Whereof, said Coastal Resources Management Council has hereto set their hands and seal this **5th day of August in the year two-thousand-twenty-four**.



Laura Miguel, Deputy Director
Coastal Resources Management Council

/jla

State of Rhode Island
COASTAL RESOURCES MANAGEMENT COUNCIL

NOTICE OF

ASSENT

CRMC Assent No.: A2023-10-090

Date: August 5, 2024

This certifies that **Department of Transportation**

has permission to RI Bridge #292 will be removed and replaced by a new bridge comprised of a NEXT D prestressed concrete beam superstructure with bituminous wearing surface, concrete abutments, and steel micro piles drilled into bedrock. The proposed bridge will be widened by 8.5 feet (out to out) to address current safety hazards for pedestrians and emergency vehicles. Proposed abutments will be located behind the existing abutments, which will be cut down and the lower portion to remain as scour protection. In-water work is limited to control of water and dewatering around the substructure during demolition and repairs. A small area of unvegetated salt marsh (approx. 10 square feet) will be temporarily impacted during dewatering, however salt marsh plantings are proposed within the area to mitigate temporary impacts.

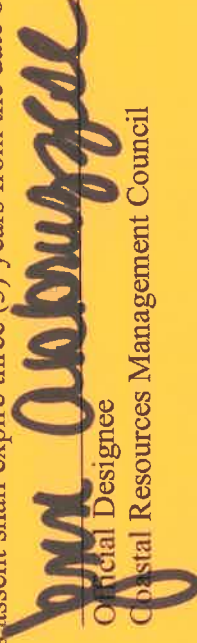
situated at Pond Bridge Road
Plat No. _____

Lot No. _____

Said construction operations to be done in accordance with an approved assent on file in the Offices of the Coastal Resources Management Council and subject further to all the provisions of the building ordinances of the:

City/Town of Tiverton

and to all the applicable State, Local and Federal provisions. This assent shall expire three (3) years from the date of this assent.


Official Designee
Coastal Resources Management Council

**THIS CARD MUST BE DISPLAYED IN A CONSPICUOUS PLACE ON THE PREMISES.
FAILURE TO DISPLAY WILL RESULT IN LEGAL ACTION.**



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS
NEW ENGLAND DISTRICT OFFICE
696 VIRGINIA ROAD
CONCORD, MASSACHUSETTS 01742-2751

September 10, 2024

Regulatory Division
Transportation & Utility Section
File Number: NAE-2024-01611

Alisa Richardson
Rhode Island Department of Transportation
360 Lincoln Avenue
Warwick, Rhode Island 02888
Via Email: alisa.richardson@dot.ri.gov

Dear Ms. Richardson:

This letter is in response to the application you submitted to the U.S. Army Corps of Engineers, New England District, on June 17, 2024 for a Department of the Army general permit verification to replace the Nonquit Pond Bridge. This project has been assigned the file number NAE-2024-01611. This file number should be referenced in all correspondence with this office.

The project will remove the existing single-span, 40-foot by 22 foot-6-inch (900 square foot (SF)) bridge structure and install a new single-span, 55 foot-6 inch by 31-foot (1,720.5 SF) bridge structure below the mean high water mark of a tidal stream, Almy Creek. The bridge will be replaced in its existing location with the new superstructure within the limits of the existing substructure footprint. The bridge superstructure will be widened by approximately 8.5 feet and will remain within the footprint of the existing abutments and wingwalls. The replacement bridge will be supported by reinforced concrete abutments and wingwalls utilizing steel micro-piles drilled into bedrock. The project will temporarily impact 400 SF below the high tide line of a tidal stream and 10 SF of tidal wetlands with 46.3 cubic yards of cofferdams for dewatering activities. The project is located in Almy Creek on Pond Bridge Road, 0.15 miles from the intersection with RI-77 S (Latitude 41.553280° and Longitude - 71.197050°) in Tiverton, Newport County, Rhode Island. The work is shown on the enclosed plans titled "Bridge Group 44H - Nonquit Pond", on 24 sheets and dated 5/9/2024.

Based on the information you have provided, we verify that the activity is authorized under General Permit 19 of the May 6, 2022, Federal Permit known as the Rhode Island General Permits (GPs). If the extent of the project area and/or nature of the authorized impacts to waters are modified, a revised application must be submitted to this office for written approval before work is initiated. A copy of these permits can be found at: <https://www.nae.usace.army.mil/Missions/Regulatory/State-General-Permits/>.

Any deviation from the terms and conditions of the permit, or your submitted plans, may subject the permittee to the enforcement provisions of our regulations. Therefore, in the event changes to this project are contemplated, it is recommended you coordinate with this office prior to proceeding with the work. This office must approve any changes before you undertake them. You must perform this work in compliance with the terms and conditions of the GPs listed above and the following special conditions:

Project Specific Special Conditions:

1. The permittee shall complete and return the enclosed Work-Start Notification Form to this office at least two weeks prior to the anticipated construction start date.
2. The permittee shall complete and return the enclosed Completion Certification Form to this office at least one month following the completion of the authorized work.
3. You must maintain the activity herein in good condition and in conformance with the terms and conditions of this authorization. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with a General Condition of this GPs. Should you wish to cease to maintain the authorized activities, or should you desire to abandon it without a good faith transfer, you must obtain a modification of this authorization from this office, which may require restoration of the area.
4. The project will ensure all operators, employees, and contractors working in areas of known or presumed bat habitat are aware of all FHWA environmental commitments, including all applicable Avoidance and Minimization Measures.
5. All phases/aspects of the project (e.g., temporary work areas, alignments) will be modified, to the extent practicable, to avoid tree removal in excess of what is required to implement the project safely.
6. Time-of-year restrictions shall be applied for tree removal when bats are not likely to be present during the inactive season November 1 to March 31, of any year(s).
7. Tree removal will be limited to that specified in the project plans and shall ensure that contractors understand clearing limits and how they are marked in the field (e.g., install bright colored flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits).

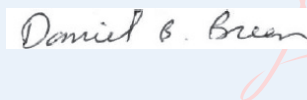
8. The project will avoid cutting down/removal of all (1) documented Indiana bat or northern long-eared bat roosts that are still suitable for roosting, (2) trees within 0.25 miles of roosts, and (3) documented foraging habitat any time of year.
9. The permittee shall comply with the enclosed Memorandum of Agreement titled "Memorandum of Agreement Among the Federal Highway Administration, the Rhode Island State Historic Preservation Office, the Rhode Island Department of Transportation, and the Town of Tiverton Regarding Replacement of Nonquit Pond Bridge No. 292 in Tiverton, Rhode Island," signed on December 13, 2023.

This verification is valid until May 6, 2027. You must commence or be under contract to commence the work authorized herein by May 6, 2027 and complete the work by May 6, 2028. If not, you must contact this office to determine the need for further authorization before beginning or continuing the activity. It is recommended that you contact this office before this authorization expires to discuss if permit reissuance is a possibility.

This general permit verification and any associated authorizations does not preclude the necessity to obtain any other Federal, State, or local permits, licenses, and/or certifications, which may be required.

If you have any questions related to this verification or have issues accessing documents referenced in this letter, please contact Matthew Hackett, Project Manager, at 978-318-8321, or by email at matthew.r.hackett@usace.army.mil. This agency continually strives to improve our customer service. In order to better serve you, please complete the Customer Service Survey located at: <https://regulatory.ops.usace.army.mil/customer-service-survey/>.

Sincerely,



Digitally signed by
Daniel Breen
Date: 2024.09.10
11:50:10 -04'00'

Daniel B. Breen
Chief, Transportation and Utilities Section
Regulatory Division

Enclosures

cc (w/enclosures):

Sterling Morrone, VHB; amorrone@vhb.com
Heather Hamilton, RIDOT; Heather.Hamilton@dot.ri.gov
Martin Wencek, RIDEM; martin.wencek@dem.ri.gov
Neal Personeus, RIDEM; Neal.Personeus@dem.ri.gov
Erica Sachs, US EPA; Sachs.Erica@epa.gov
Joseph Bishop, US EPA; Bishop.Joseph@epa.gov

Work-Start Notification Form

File Number: NAE-2024-01611 State: Rhode Island County: Newport

**Permittee: Rhode Island Department of Transportation, Alisa Richardson
Date Verification Issued: 9/10/2024
Project Manager: Matthew Hackett**

At least two weeks prior to commencing the activity authorized by this permit, sign this certification and return it to the following address:

**US ARMY CORPS OF ENGINEERS
New England District
Attn: Matthew Hackett
696 Virginia Road
Concord, Massachusetts 01742
or
cena-e-r-ri@usace.army.mil
978-318-8321**

Please note that your permitted activity is subject to a compliance inspection by a U. S. Army Corps of Engineers (USACE) representative. Failure to comply with any terms or conditions of this authorization may result in the USACE suspending, modifying or revoking the authorization and/or issuing a Class I administrative penalty, or initiating other appropriate legal action.

The people (e.g. contractor) listed below will do the work, and they understand the permit's conditions and limitations.

Contractor Name/Contractor Firm: _____

Business Address: _____

Contractor Phone and Email: _____

Proposed Construction Dates: Start: _____ **Finish:** _____

Signature of Permittee

Date

Compliance Certification Form

File Number: NAE-2024-01611 State: Rhode Island County: Newport

Permittee: Rhode Island Department of Transportation, Alisa Richardson

Date Verification Issued: 9/10/2024

Project Manager: Matthew Hackett

Within one month of completion of the activity authorized by this permit and any mitigation required by the permit (you must submit this form after mitigation is complete, but not the mitigation monitoring, which requires separate submittals), sign this certification and return it to the following address:

**US ARMY CORPS OF ENGINEERS
New England District
Attn: Matthew Hackett
696 Virginia Road
Concord, Massachusetts 01742
or
cena-e-r-ri@usace.army.mil**

Please note that your permitted activity is subject to a compliance inspection by a U. S. Army Corps of Engineers (USACE) representative. Failure to comply with any terms or conditions of this authorization may result in the USACE suspending, modifying, or revoking the authorization and/or issuing a Class I administrative penalty, or initiating other appropriate legal action.

I hereby certify that the work, and mitigation (if applicable), authorized by the above referenced permit has been completed in accordance with the terms and conditions of the said permit including any general or specific conditions.

Date Authorized Work Started: _____ **Completed:** _____

Describe any deviations from permit (attach drawing(s) depicting the deviations):

***Note: The description of any deviations on this form does not constitute approval by the USACE.**

Signature of Permittee

Date

Effective Date: May 6, 2022

Expiration Date: May 6, 2027

**DEPARTMENT OF THE ARMY
GENERAL PERMITS FOR THE STATE OF RHODE ISLAND AND
LANDS LOCATED WITHIN THE BOUNDARIES OF THE
NARRAGANSETT LAND CLAIM SETTLEMENT AREA**

The New England District of the U.S. Army Corps of Engineers (USACE) hereby issues 21 general permits (GPs) consisting of 10 Regional General Permits (RGPs), 7 Programmatic General Permits (PGPs), and 4 PGP/RGPs, collectively hereafter referred to as GPs, listed in Section III, for activities subject to USACE jurisdiction in waters of the United States (U.S.) and navigable waters of the U.S. within the boundaries of the State of Rhode Island, adjacent ocean waters to the seaward limit of the outer continental shelf, and lands located within the boundaries of the Narragansett Land Claim Settlement Area. These GPs are issued in accordance with USACE regulations at 33 CFR 320 – 332 [see 33 CFR 325.5I] and authorize activity-specific categories of work that are similar in nature and cause no more than minimal individual and cumulative environmental impacts while providing protection to the aquatic environment and the public interest.

<u>This document contains the following sections:</u>		<u>Page</u>
Section I	Statutory Authority and Regulated Activities	3
Section II.A	Review Categories and Application Procedures for Activities Within Non-Tidal Water	8
Section II.B	Review Categories and Application Procedures for Activities Within Tidal, Coastal, and Navigable Waters	12
Section III	General Permits for The State of Rhode Island & Tribal Lands	16
Section IV	General Conditions	42
Section V	Contacts for Rhode Island General Permit	54
Section VI	Definitions	56
Section VII	Required Information Guide for Preconstruction Notification	62
Section VIII	Resource Agency Coordination Procedures	67
Section IX	Self-Verification Notification Form	70

For activities to qualify for these GPs, they must meet the terms, eligibility criteria and stipulations for one or more of the Rhode Island General Permits as listed in Section III – General Permits. The activities must also comply with the General Conditions in Section IV, and any special conditions included in verification letters that are deemed necessary to protect aquatic resources.

Under these GPs, projects may qualify for the following (see Section III for eligibility criteria):

- Self-Verification (SV): activity is presumed to have no more than minimal impacts and therefore does not require a permit review from USACE. Some activities may require submission of a Self-Verification Notification Form (SVNF) to USACE.
- Pre-Construction Notification (PCN): activities that are not eligible for SV require activity-

specific review to determine eligibility for authorization under one or more GPs.

If the proposed activity does not qualify for GP authorization, USACE will inform the applicant and advise them on the process for seeking an Individual Permit. The thresholds for activities eligible for SV and PCN are stated in Section III. A number of terms and conditions can be found throughout the GP, including the General Conditions in Section IV, which apply to all projects.

These GPs do not affect the USACE Individual Permit review process or activities exempt from USACE regulation. The USACE does not intend to exclude projects from utilizing the SV process where consultation under Section 7 of the Endangered Species Act, the Magnuson-Stevens Act (Essential Fish Habitat), or Section 106 of the National Historic Preservation Act is required and completed by another lead Federal agency; provided the scope of those actions sufficiently encompass the USACE Regulatory action.

Review Processes for the GPs:

Of the 21 general permits, there are 10 RGPs, 7 PGPs, and 4 PGP/RGPs. Activities qualifying for PGPs occur exclusively within CRMC's jurisdiction – tidal, coastal, and navigable waters, while RGPs occur within RIDEM's jurisdiction – non-tidal, tidal, coastal, and navigable waters.

The 10 RGPs are GPs 6, 8, 9, 10, 12, 13, 16, 18, 19, and 21. Activities authorized under these RGPs require notice to USACE. Proponents of activities authorized under these 10 RGPs must provide notice to USACE, either by submission of a SVNF for activities that qualify for SV, or through PCN and receipt of a verification letter from USACE for activities requiring PCN.

The 7 PGPs are GPs 1, 3, 4, 5, 7, 11, and 20. Programmatic permits (PGPs) are a type of general permit founded on an existing state, local, or other Federal agency program and designed to avoid duplication with that program. These 7 PGPs are founded on the existing RI Coastal Resources Management Council (CRMC) wetland program. Activities authorized under these 7 PGPs that are (1) eligible for SV **and** (2) reviewed at the state level by CRMC do not require any notification to the USACE. If these two conditions are met, project proponents do not need to submit a SVNF to the USACE. A project proponent must still receive written approval from CRMC for activities authorized under this process before commencing work. CRMC will insert appropriate language in the authorization to notify the applicant that CRMC's authorization is also verification of authorization under the RI GP provided the proponent complies with the GP's conditions. Activities eligible under PCN will require a verification letter from USACE.

The 4 PGP/RGPs are GPs 2, 14, 15, and 17. These activities will be reviewed as a PGP when CRMC is the reviewing state agency and a RGP when RIDEM is the reviewing state agency.

All general permits are subject to the following:

- **Discretionary Authority:** Notwithstanding compliance with the terms and conditions of these permits, the Corps retains discretionary authority to require a PCN or Individual Permit (IP) review based on concerns for the aquatic environment or for any other factor of the public interest [33 CFR 320.4(a)]. This authority is invoked on a case-by-case basis whenever USACE determines that the potential consequences of the proposal warrant IP

review. This authority may be invoked for projects with cumulative adverse environmental effects that are more than minimal, or if there is a special resource or concern associated with a particular project. Whenever USACE notifies an applicant that an IP may be required, authorization under these GPs is voided and no work may be conducted until a USACE IP is obtained.

- **Federal Liability:** In issuing this permit, the Federal Government does not assume any liability for the following:

a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes;

b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the U.S. in the public interest;

c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit;

d. Design or construction deficiencies associated with the permitted work;

e. Damage claims associated with any future modification, suspension, or revocation of this permit.

Tammy R. Turley

Tammy R. Turley
Chief, Regulatory Division

May 06, 2022

Date

SECTION I

STATUTORY AUTHORITY AND REGULATED ACTIVITIES

A. JURISDICTION:

Applicability of these General Permits shall be evaluated with reference to Federal jurisdictional boundaries. Activities shall be evaluated with reference to “navigable waters of the United States” under §10 of the Rivers and Harbors Act of 1899 (33 CFR 329) and “waters of the United States” under the Clean Water Act (waters of the U.S., pursuant to 33 CFR 328.3). Applicants are responsible for ensuring that the boundaries used satisfy the Federal criteria defined at 33 CFR 328-329.

1. Permits are required from USACE for the following work:

a. Section 10: The construction of any structure in, over or under any navigable water of the United States¹, the excavating or dredging from or depositing of material in such waters, or the accomplishment of any other work affecting the course, location, condition, or capacity of such waters (33 CFR 320.2(b)). USACE regulates these activities under §10 of the Rivers and Harbors Act of 1899 (33 USC 403). Referred to as Section 10. (33 CFR Part 322);

b. Section 404: The discharge of dredged or fill material into the waters of the United States (33 CFR 320.2(f)). USACE regulates these activities under §404 of the Clean Water Act (33 USC 1344) (CWA). Referred to as Section 404. (33 CFR Part 323); and

2. Authority to issue General Permits

In carrying out his functions relating to the discharge of dredged or fill material under this section, the Secretary may, after notice and opportunity for public hearing, issue general permits on a State, regional, or nationwide basis for any category of activities involving discharges of dredged or fill material if the Secretary determines that the activities in such category are similar in nature, will cause only minimal adverse environmental effects when performed separately, and will have only minimal cumulative adverse effect on the environment. (33 USC 1344(e))

3. Related laws:

Including but not limited to: Section 408 of the Rivers and Harbors Act of 1899, Section 401 of the Clean Water Act, Section 402 of the Clean Water Act, Section 307(c) of the Coastal Zone Management Act of 1972 as amended, Section 302 of the Marine Protection, Research and Sanctuaries Act of 1972 as amended, Section 106 of the National Historic Preservation Act of 1966, The National Environmental Policy Act of 1969, Section 7 of the Endangered Species Act, the Fish and Wildlife Coordination Act of 1956, the Magnuson-Stevens Fishery Conservation and Management Act, and Section 7(a) of the Wild and Scenic Rivers Act. (33 CFR 320.3)

¹ The terms “navigable waters of the U.S.” and “waters of the U.S.” are used frequently throughout this document and it is important that the reader understand these terms, which are defined in Section IV.

B. GENERAL CRITERIA

1. In order for activities to qualify under these GPs, they must meet the terms and conditions of this document, including the eligibility criteria listed in Section III – General Permits, and the General Conditions (GCs) listed in Section IV.

Applicants shall review:

- a.** Paragraph A of this section to determine if the activity requires Corps authorization.
 - b.** Section III to determine if the activity is eligible for authorization under these GPs, and specifically whether it is eligible for SV, or whether a PCN is required.
 - c.** Section IV to determine if the activity meets all of the applicable General Conditions.
- 2.** Under these GPs, activities may qualify for the following:
- a. SELF-VERIFICATION (SV):** Some activities may require notification to USACE at least two weeks before work commences (see Section III); USACE will NOT acknowledge receipt and GP eligibility of the SV activity in writing.
 - b. PRE-CONSTRUCTION NOTIFICATION (PCN):** Notification to and a verification letter from USACE is required. *No work under PCN may proceed until written verification from USACE is received.*

The thresholds for activities eligible for SV and PCN are defined in the Rhode Island General Permits in Section III.

3. Projects that are not authorized by these GPs may require an Individual Permit (IP) (33 CFR 325.5(b)) and the applicant must submit an application directly to USACE. These GPs do not affect USACE's IP review process or activities exempt from Corps permit requirements. USACE retains discretionary authority on a case-by-case basis to elevate an SV to PCN or IP, or a PCN to IP based on concerns for the aquatic environment or for any other factor of the public interest (33 CFR 320.4(a)). Whenever USACE notifies an applicant that a PCN or IP is required, no work in Corps jurisdiction may be conducted until USACE issues the required authorization in writing indicating that work may proceed. (See Sections II.A and II.B for additional information about procedures for IPs).

4. Applicants are encouraged to contact USACE with questions at any time (see Section V). Pre-application meetings, whether arranged by USACE or requested by an applicant, are encouraged to facilitate the review of projects. Pre-application meetings and/or site visits help streamline the authorization process by alerting the applicant to potentially time-consuming factors that are likely to arise during the evaluation of their project (e.g., avoidance, minimization and compensatory mitigation requirements, historic properties, endangered species, essential fish habitat, vernal pools, and dredging of contaminated sediments).

5. Applicants shall ensure compliance with all applicable GCs in Section IV and GPs in Section III and any special conditions included in USACE verification letters that are deemed necessary to protect aquatic resources. Noncompliance with these GPs and GCs may subject the applicant to criminal, civil, or administrative criminal penalties, and/or an ordered restoration, and/or the permit may be modified, suspended or revoked by USACE.

USACE will consider any activity requiring Corps authorization to be unauthorized if that activity is under construction or completed and does not comply with all permit terms and conditions.

C. DETERMINATION OF MINIMAL ADVERSE ENVIRONMENTAL EFFECTS

To be eligible and subsequently authorized by these GPs, an activity shall result in no more than minimal adverse effects² on the aquatic environment as determined by USACE in accordance with the criteria listed within these GPs and GCs. This may require project modifications involving avoidance, minimization, or compensatory mitigation for unavoidable impacts to ensure that the net adverse effects of an activity are no more than minimal.

Determination that activities will not cause more than minimal adverse environmental effects includes consideration of direct, secondary and cumulative impacts as specified in Section (404(b)1) of the Clean Water Act (referred to as the (404(b)1) guidelines). Impacts resulting from activities eligible for exemptions under Section 404(f) of the CWA are not considered when calculating the impact area.

1. Permanent and Temporary Impacts

Permanent impacts mean waters of the U.S. that are permanently affected by filling, flooding, excavation, or drainage because of the regulated activity. Permanent impacts include permanent discharges of dredged or fill material that change an aquatic area to dry land, increase the bottom elevation of a waterbody, or change the use of a waterbody.

Temporary impacts include, but are not limited to, waters of the U.S. that are temporarily filled, flooded, excavated, or drained because of the regulated activity. Temporary impacts are usually associated with construction activities and often involve the placement of cofferdams and construction mats. These fills are removed when construction is completed. Pilings and associated structures do not ordinarily constitute a discharge of fill material.

2. Discharge of Dredged or Fill Material (404)

Dredged material & discharge of dredged material: These are defined at 33 CFR 323.2(c) and (d). The term *discharge of dredged material* means any addition of dredged material into, including redeposit of dredged material other than incidental fallback within, the waters of the United States. The term *dredged material* means material that is excavated or dredged from waters of the United States.

Fill material & discharge of fill material: These are defined at 33 CFR 323.2(e) and (f). The term *discharge of fill material* means the addition of fill material into waters of the United States. The term *fill material* means material placed in waters of the United States where the material has the effect of: (i) Replacing any portion of a water of the United States with dry land; or (ii) Changing the bottom elevation of any portion of a water of the United States.

² The terms “effects” and “impacts” are used interchangeably. See, e.g., definition of “impact” in the 2008 Mitigation Rule: “‘Impact’ means adverse effect.” 40 CFR 230.92.

3. **Direct and Secondary (Indirect) Impacts (404(b)1)**

Direct Effects: Effects that are caused by the activity and occur at the same time and place.

Secondary Effects: These are effects on an aquatic ecosystem that are associated with a discharge of dredged or fill materials, but do not result from the actual placement of the dredged or fill material. Information about secondary effects on aquatic ecosystems shall be considered prior to the time final section 404 action is taken by permitting authorities. (40 CFR 230.11(h)(1))

4. **Cumulative Impacts**

Cumulative Impacts: Cumulative impacts are the changes in an aquatic ecosystem that are attributable to the collective effect of a number of individual discharges of dredged or fill material. Although the impact of a particular discharge may constitute a minor change in itself, the cumulative effect of numerous such piecemeal changes can result in a major impairment of the water resources and interfere with the productivity and water quality of existing aquatic ecosystems. (40 CFR 230.11(g)(1))

D. ELIGIBLE ACTIVITIES AUTHORIZED BY THESE RHODE ISLAND GENERAL PERMITS

An activity is authorized under General Permits 1 through 21 (listed in Section III) only if that activity and the applicant satisfy all of the GPs terms and conditions. In order for activities to qualify for these GPs, they must comply with all applicable GP eligibility criteria (see Section III) and general conditions (see Section IV). Prospective applicants are advised to contact USACE for specific eligibility determination.

Some Rhode Island General Permits are issued as Regional General Permits and some are issued as Programmatic General Permits. Applicants should consult Section II (Review Procedures) to determine whether the activity is authorized under an RGP or a PGP. (33 CFR 325.5(c))

1. **Regional General Permits (RGP) - 33 CFR 325.5(c)**

Regional permits are a type of general permit. They may be issued by a division or district engineer after compliance with the other procedures of this regulation. If the public interest so requires, the issuing authority may condition the regional permit to require a case-by-case reporting and acknowledgment system. However, no separate applications or other authorization documents will be required.

The following GPs are Regional General Permits:

- GP 6: Utilities including lines, outfall and intake structures and appurtenant features
- GP 8: Discharges of dredged or fill material incidental to the construction of bridges
- GP 9: New shoreline and bank stabilization projects and Living Shorelines
- GP 10: Aquatic habitat restoration, establishment, and enhancement activities
- GP 12: Oil spill and hazardous material response operations
- GP 13: Cleanup of hazardous and toxic waste and removal of contaminated soil
- GP 16: New and expansion of recreational, residential, institutional, and commercial developments

- GP 18: Wetland crossings for linear transportation projects
- GP 19: Stream river and brook crossings (not including wetland crossings)
- GP 21: Temporary fill not associated with a regulated General Permit activity

2. Programmatic General Permits (PGP)

Programmatic permits. Programmatic permits are a type of general permit founded on an existing state, local or other Federal agency program and designed to avoid duplication with that program.

The following GPs are Programmatic General Permits:

- GP 1: Aids to navigation & temporary recreational structures
- GP 3: Moorings
- GP 4: Pile-supported structures & floats, including boat lifts/hoists & other miscellaneous structures & work
- GP 5: Boat ramps and marine railways
- GP 7: Dredging, disposal of dredged material, beach nourishment & rock removal and rock relocation
- GP 11: Fish and wildlife harvesting activities
- GP 20: Aquaculture & Mariculture Activities

The following GPs are PGPs when state review is performed by CRMC and RGPs when state review is performed by RIDEM:

- GP 2: Repair or maintenance of existing currently serviceable, authorized, or grandfathered structures & fills and removal of structures
- GP 14: Scientific measurement and monitoring devices
- GP 15: Survey and exploratory survey activities
- GP 17: Energy generation and renewable energy facilities and hydropower projects

SECTION II.A

REVIEW CATEGORIES AND APPLICATION PROCEDURES FOR ACTIVITIES WITHIN NON-TIDAL WATERS

ACTIVITIES COVERED: This section covers activities resulting in the discharge of dredged or fill material into **non-tidal waters of the U.S.** which are regulated under Section 404 of the Clean Water Act (CWA) (33 U.S.C. § 1344).

Waters of the U.S. (Section 404 waters): The term *waters of the United States* applies to the jurisdictional limits of the authority of the Corps of Engineers under the Clean Water Act. Waters of the U.S. are defined in 33 CFR 328.3. Contact the Corps for questions regarding jurisdiction.

Non-Tidal Waters: Wetlands, tributaries, lakes, and other bodies of water that are not subject to the ebb and flow of tidal waters. Non-tidal wetlands contiguous to tidal waters are located landward of the high tide line (i.e., spring high tide line).

A. REVIEW PROCESS:

1. State and Local Approvals:

a. Water Quality Certification: In order for authorizations under these GPs to be valid and before commencing any work within USACE jurisdiction, Section 401(a)(1) of the Clean Water Act (33 USC Sec. 1341) requires that applicants obtain a Water Quality Certification (WQC) or waiver from the state water pollution control agency to discharge dredged or fill material into waters of the U.S. The RIDEM - Office of Water Resources - Water Quality Certification Program (RIDEM-OWR-WQC) is the state water pollution control agency in Rhode Island. The RIDEM-OWR-WQC has conditionally granted WQC for all activities authorized under these RI GPs provided those activities meet the criteria as contained in these GPs. (Note: Projects that require an Individual Permit will also require an individual 401 Water Quality Certification (WQC) from RIDEM-OWR-WQC.)

b. RIDEM approval: Applicants must apply to the RIDEM, Office of Water Resources, Freshwater Wetlands Program (RIDEM-OWR-FWP). Any permit issued by RIDEM-OWR-FWP may act as the WQC in accordance with Rule 1.15.A.3.d. of the RI Water Quality Regulations, 250-RICR-150-05-1

c. CRMC approval: The work may also need approval from the Coastal Resources Management Council (CRMC) pursuant to its jurisdiction over freshwater wetlands in the vicinity of the coast, as well as any local approvals, as applicable (General Condition 1)

2. Self-Verification Review Category

a. Notification: An application to USACE is not required. However, prospective permittees shall confirm that the activity meets all the applicable terms and conditions for self-verification (SV). The applicant must submit a Self-Verification Notification Form (SVNF) and required accompanying materials to USACE in accordance with Section 2(c) below, at least two weeks prior to commencement of work authorized by these GPs. A copy of the SVNF is in

Section IX. By submitting the SVNF, you are self-verifying that your project meets the terms and conditions of the applicable GPs.

b. Eligibility Criteria: Activities in Rhode Island and tribal lands that meet the following criteria are eligible under SV of this GP if they:

- Are subject to USACE jurisdiction (Section I, paragraph A);
- Meet the SV criteria in Section III - General Permits;
- Meet the requirements of the applicable GCs in Section IV;
- Meet all other applicable terms and conditions of these GPs; and
- Result in no more than minimal impacts to the aquatic environment.

Project proponents seeking authorization under these GPs by qualifying for SV must comply with all GCs and other relevant federal laws such as the National Historic Preservation Act (NHPA), the Endangered Species Act (ESA) and the Wild and Scenic Rivers Act. Consequently, applicant information submittals to USACE and outside experts such as the Rhode Island Historical Preservation and Heritage Commission (HPHC), the Narragansett Indian Tribe (NIT) and the National Park Service (Section VIII), are required for SV eligible activities when there is a likelihood of the presence of resources of concern and the proposed work has the potential to affect these resources. Federal agencies should follow their own procedures for complying with the above requirements and shall provide USACE with the appropriate documentation to demonstrate compliance with those requirements for both SV and PCN review.

c. How to Obtain Self-Verification Verification: Applicants must:

(1) Confirm that the activity meets all the applicable SV eligibility criteria, terms and conditions stated in 2(b) above;

(2) Confirm that the activity will have no effect on historic or tribal resources. See GC 11 and Section VIII for procedure.

(3) Obtain an Official Species List of federally threatened and endangered species that may occur in the activity's action area. See GC 8 and see Section VIII for procedure; and

(4) Confirm that the activity will have no effect on Essential Fish Habitat. See Section VIII for procedure.

(5) Submit the SVNF and its required accompanying materials (Section IX) to USACE at least two-weeks prior to start of project construction. Digital submittals by email are strongly encouraged. Please communicate with USACE staff if you are unable to provide a digital copy. See <https://www.nae.usace.army.mil/Missions/Regulatory/Submitting-Electronic-Correspondence> for information about our electronic submittal process.

Email: cenae-r-ri@usace.army.mil

Mail: Regulatory Division - Branch B, U.S. Army Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751

3. PCN Review Category

a. Notification: An application to and written verification from the USACE is required for all activities that are not eligible for SV or when it is stated that a PCN is required. No work requiring a PCN may proceed until written verification from USACE has been received.

b. Eligibility Criteria: Activities in Rhode Island and tribal lands that meet the following criteria may be eligible for authorization under these GPs:

- Are subject to USACE jurisdiction (Section I, paragraph A);
- Meet the criteria of PCN in Section III – General Permits;
- Meet the requirements of the applicable GCs in Section IV;
- Meet all other applicable terms and conditions of these GPs; and
- Result in no more than minimal impacts to the aquatic environment, as determined by USACE in conjunction with the interagency review team which consists of Federal and State resource agencies. In some instances, this may require project modifications involving avoidance, minimization, and/or compensatory mitigation for unavoidable impacts to ensure the net effects of a project are minimal.

c. Applying for authorization through the PCN process: Applicants must submit a PCN to USACE. Digital submittals by email are strongly encouraged. Please communicate with USACE staff if you are unable to provide a digital copy. See <https://www.nae.usace.army.mil/Missions/Regulatory/Submitting-Electronic-Correspondence> for information about our electronic submittal process. USACE staff will notify you if a paper copy or large-scale drawings are required for the evaluation.

Email: cenae-r-ri@usace.army.mil

Mail: Regulatory Division - Branch B, U.S. Army Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751

4. For Regional General Permits (2, 6, 8, 9, 10, 12, 13, 14, 15, 16, 17, 18, 19, 21): For projects qualifying for SV, submit the SVNf and its required accompanying materials (see Section IX) to USACE at least two-weeks prior to start of project construction, except for GPs 12 and 13. For GPs 12 and 13, an SVNf can be submitted no later than 2 weeks after the start of the project. For projects qualifying for PCN, follow the process outlined above in paragraph 3.

5. Emergency Procedures: Written authorization under these emergency procedures is required. Contact USACE immediately in the event of an emergency to obtain information on the verification process and coordination requirements. USACE regulation at 33 CFR 325.2(e)(4) states that an “emergency” is a situation which would result in an unacceptable hazard to life, a significant loss of property, or an immediate, unforeseen and significant economic hardship if corrective action requiring a permit is not undertaken within a time period less than the normal time needed to process the application under standard procedures.” Emergency work is subject to the same terms and conditions of these GPs as non-emergency work, and similarly, must qualify for authorization under these GPs; otherwise, an Individual Permit shall be required. Upon notification, USACE will determine if a project qualifies for emergency procedures under the GPs and whether work may proceed prior to submittal of an

application. Where an application is required, USACE staff will work with all applicable agencies to expedite verification according to established procedures in emergency situations.

6. Individual Permit Procedures: Work that is **NOT** eligible for authorization under the GPs as defined in Section III – General Permits and applicable GCs, or that does not meet the applicable terms and conditions of the GPs, will require review under USACE Individual Permit procedures (33 CFR 325.1). Applicants shall submit the appropriate application materials to USACE. General information and the application form can be obtained at <http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/ObtainPermit.aspx>.

SECTION II.B

REVIEW CATEGORIES AND APPLICATION PROCEDURES FOR ACTIVITIES WITHIN TIDAL, COASTAL, AND NAVIGABLE WATERS

A. ACTIVITIES COVERED

This section covers activities resulting in the discharge of dredged or fill material into **tidal waters of the U.S.** which are regulated under Section 404 of the Clean Water Act (CWA) (33 USC 1344); work and structures that are located in, under or over any **navigable water of the U.S.** which are regulated under Section 10 of the Rivers and Harbors Act (33 USC 403).

Navigable Waters of the U.S. (Section 10 waters): The term *navigable waters of the U.S.* defines USACE authority as described by 33 CFR Part 329. Navigable waters of the United States are those waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce. A determination of navigability, once made, applies laterally over the entire surface of the waterbody, and is not extinguished by later actions or events which impede or destroy navigable capacity. This definition does not apply to authorities under the Clean Water Act (33 CFR 329.1).

Waters of the U.S. (Section 404 waters): The term *waters of the United States* applies to the jurisdictional limits of the authority of the Corps of Engineers under the Clean Water Act. Waters of the U.S. are defined in 33 CFR 328.3. Contact the Corps for questions regarding jurisdiction.

Tidal Waters: A *tidal* wetland is a jurisdictional wetland that is inundated by tidal waters. Tidal waters rise and fall in a predictable and measurable rhythm or cycle due to the gravitational pulls of the moon and sun. Tidal waters end where the rise and fall of the water surface can no longer be practically measured in a predictable rhythm due to masking by other waters, wind, or other effects. Tidal wetlands are located channelward of the high tide line

B. REVIEW PROCESS:

1. State/Local approvals:

Applicants are responsible for applying for and obtaining any required state or local approvals. (GC 1). Federal and state jurisdiction and review criteria may differ in some instances. State permits may be required for specific projects regardless of the GP category.

a. Coastal Zone Management (CZM): Section 307 of the Coastal Zone Management Act of 1972, as amended, requires applicants to obtain a permit, federal consistency certification or waiver from CRMC that the activity complies with the state's CZM program for activities affecting the state's coastal area. The CRMC has conditionally granted CZM Consistency for all activities authorized under these RI GPs provided those activities meet the criteria as contained in these General Permits. (Note: Projects that require an IP will also require an individual CZM Consistency Certificate from the CRMC).

b. CRMC approval: The work may also need approval from the Coastal Resources Management Council (CRMC) pursuant to its jurisdiction over freshwater wetlands in the vicinity of the coast, as well as any local approvals, as applicable (General Condition 1)

2. Self-Verification Review Category

a. Notification: An application to USACE is not required. However, prospective permittees shall confirm that the activity meets all the applicable terms and conditions for self-verification (SV). The applicant must submit a Self-Verification Notification Form (SVNF) and required accompanying materials to USACE in accordance with Section 2(c) below, at least two weeks prior to commencement of work authorized by these GPs **unless otherwise specified (See below.)** A copy of the SVNF is in Section IX. By submitting the SVNF, you are self-verifying that your project meets the terms and conditions of the applicable GPs

b. Eligibility Criteria: Activities in Rhode Island and tribal lands that meet the following criteria are eligible under SV of this GP if they:

- Are subject to USACE jurisdiction (Section I paragraph A);
- Meet the SV criteria in Section III - General Permits;
- Meet the requirements of the applicable GCs in Section IV;
- Meet all other applicable terms and conditions of these GPs; and
- Result in no more than minimal impacts to the aquatic environment.

Project proponents seeking authorization under these GPs by qualifying for SV must comply with all GCs and other relevant federal laws such as the National Historic Preservation Act (NHPA), the Endangered Species Act (ESA) and the Wild and Scenic Rivers Act. Consequently, applicant information submittals to USACE and outside experts such as the Rhode Island Historical Preservation and Heritage Commission (HPHC), the Narragansett Indian Tribe (NIT) and the National Park Service (see Section VIII), are required for SV eligible activities when there is a likelihood of the presence of resources of concern and the proposed work has the potential to affect these resources. Federal agencies should follow their own procedures for complying with the above requirements and shall provide USACE with the appropriate documentation to demonstrate compliance with those requirements for both SV and PCN review.

c. How to Obtain Self-Verification Verification: Applicants must:

(1) Confirm that the activity meets all the applicable SV eligibility criteria, terms and conditions stated in 2(b) above;

(2) Confirm that the activity will have no effect on historic or tribal resources. See GC 11 and Section VIII for procedure.

(3) Obtain an Official Species List of federally threatened and endangered species that may occur in the activity's action area. See GC 8 and see Section VIII for procedure; and

(4) Confirm that the activity will have no effect on Essential Fish Habitat. See Section VIII for procedure.

3. PCN Review Category

a. Notification: An application to and written verification from the USACE is required for all activities that are not eligible for SV or when it is stated that a PCN is required. No work requiring a PCN may proceed until written verification from USACE has been received.

b. Eligibility Criteria: Activities in Rhode Island and tribal lands that meet the following criteria may be eligible for authorization under these GPs:

- Are subject to USACE jurisdiction (Section I paragraph A);
- Meet the criteria of PCN in Section III – General Permits;
- Meet the requirements of the applicable GCs in Section IV;
- Meet all other applicable terms and conditions of these GPs; and
- Result in no more than minimal impacts to the aquatic environment, as determined by USACE in conjunction with the interagency review team which consists of Federal and State resource agencies. In some instances, this may require project modifications involving avoidance, minimization, and/or compensatory mitigation for unavoidable impacts to ensure the net effects of a project are minimal; and

c. Applying for authorization through the PCN process: Applicants must submit a PCN to USACE. Digital submittals by email are strongly encouraged. Please communicate with USACE staff if you are unable to provide a digital copy. See <https://www.nae.usace.army.mil/Missions/Regulatory/Submitting-Electronic-Correspondence> for information about our electronic submittal process. USACE staff will notify you if a paper copy or large-scale drawings are required for the evaluation.

Email: cenae-r-ri@usace.army.mil

Mail: Regulatory Division - Branch B, U.S. Army Corps of Engineers, New England District, 696 Virginia Road, Concord, MA 01742-2751

4. For Programmatic General Permits (1, 2, 3, 4, 5, 7, 11, 14, 15, 17, 20): Programmatic General Permits (PGPs) are non-reporting to USACE if they meet the requirements of SV and RI CRMC performs a review of the proposed work. If the CRMC issues a permit for the proposed work, CRMC will insert appropriate language in their authorization to notify the applicant that CRMC authorization is also their USACE authorization provided they comply with the GP's conditions. Written approval from CRMC giving joint state/federal authorization is required before work can commence. An SVNF is not required if the work is non-reporting. For projects qualifying for PCN, follow the process outlined above in paragraph 3.

a. **IF RIDEM** performs the review, follow the procedure for RGP in Section II A.

5. Emergency Procedures: Written authorization under these emergency procedures is required. Contact USACE immediately in the event of an emergency to obtain information on the verification process and coordination requirements. USACE regulation at 33 CFR 325.2(e)(4) states that an "emergency" is a situation which would result in an unacceptable hazard to life, a significant loss of property, or an immediate, unforeseen and significant economic hardship if corrective action requiring a permit is not undertaken within a time period less than the normal time needed to process the application under standard procedures."

Emergency work is subject to the same terms and conditions of these GPs as non-emergency work, and similarly, must qualify for authorization under these GPs; otherwise, an individual permit shall be required. Upon notification, USACE will determine if a project qualifies for emergency procedures under the GPs and whether work may proceed prior to submittal of an application. Where an application is required, USACE staff will work with all applicable agencies to expedite verification according to established procedures in emergency situations.

6. Individual Permit Procedures: Work that is **NOT** eligible for authorization under the GPs as defined in Section III – General Permits and applicable GCs, or that does not meet the applicable terms and conditions of the GPs, will require review under USACE individual permit procedures (see 33 CFR 325.1). Applicants shall submit the appropriate application materials to USACE. General information and the application form can be obtained at <http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/ObtainPermit.aspx>.

Section III - GENERAL PERMITS FOR THE STATE OF RHODE ISLAND & TRIBAL LANDS

All Self-Verification and Pre-Construction Notification activities must comply with all applicable terms, general conditions, and any additional eligibility requirements below.

Section 10 of the Rivers and Harbors Act of 1899 (S10): A permit is required for all work, including structures, seaward of the mean high water (MHW) line in navigable waters of the U.S.

Section 404 of the Clean Water Act (S404): A permit is required for activities which involve the discharge of dredged or fill material into waters of the U.S. In coastal waters, USACE jurisdiction under S404 extends landward to the high tide line or the landward limit of any wetlands, whichever is more extensive. In inland waters, USACE jurisdiction extends landward to the ordinary high water (OHW) mark or the landward limit of any wetlands, whichever is more extensive.

GP #	Category of Activity
GP 1	Aids to navigation & temporary recreational structures (PGP)
GP 2	Repair or maintenance of existing currently serviceable, authorized, or grandfathered structures & fills and removal of structures (PGP, RGP)
GP 3	Moorings (PGP)
GP 4	Pile-supported structures & floats, including boat lifts/hoists & other miscellaneous structures & work (PGP)
GP 5	Boat ramps and marine railways (PGP)
GP 6	Utilities including lines, outfall and intake structures and appurtenant features (RGP)
GP 7	Dredging, disposal of dredged material, beach nourishment & rock removal and rock relocation (PGP)
GP 8	Discharges of dredged or fill material incidental to the construction of bridges (RGP)
GP 9	New shoreline and bank stabilization projects and Living Shorelines (RGP)
GP 10	Aquatic habitat restoration, establishment, and enhancement activities (RGP)
GP 11	Fish and wildlife harvesting activities (PGP)
GP 12	Oil spill and hazardous material response operations (RGP)
GP 13	Cleanup of hazardous and toxic waste and removal of contaminated soil (RGP)
GP 14	Scientific measurement and monitoring devices (PGP, RGP)
GP 15	Survey and exploratory survey activities (PGP, RGP)
GP 16	New and expansion of recreational, residential, institutional, and commercial developments (RGP)
GP 17	Energy generation and renewable energy facilities and hydropower projects (PGP, RGP)
GP 18	Wetland crossings for linear transportation projects (RGP)
GP 19	Stream river and brook crossings (not including wetland crossings) (RGP)
GP 20	Aquaculture & Mariculture Activities (PGP)
GP 21	Temporary fill not associated with a regulated General Permit activity (RGP)

GP 1. AIDS TO NAVIGATION & TEMPORARY RECREATIONAL STRUCTURES

The placement of aids to navigation and regulatory markers which are approved by and installed in accordance with the requirements of the U.S. Coast Guard (see 33 CFR, chapter I, subchapter C, part 66). The installation of temporary buoys, markers, floats, or similar structures solely for recreational use or short-term events such as water-skiing competitions, fireworks display or seasonal swim floats.

See Section VI – Definitions: FNP = Federal Navigation Project. USCG = U.S. Coast Guard. SVNf = Self-Verification Notification Form.

Applies to: Section 10; navigable waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none">• Aids to navigation/temporary structures in vegetated shallows.• Aids to navigation/temporary structures in USACE FNP. FNPs are comprised of federal channels, anchorages and turning basins. See the following for more information on the limits of these FNPs: https://www.nae.usace.army.mil/Missions/Navigation/Rhode-Island-Projects/• Temporary structures in place longer than one season and/or not removed within 30 days after use is discontinued. <p><u>Eligible for SV (see below for SVNf requirements):</u></p> <ul style="list-style-type: none">• Aids to navigation and regulatory markers (both permanent and temporary) approved by the USCG that are not located within FNPs or vegetated shallows.• Temporary buoys, markers, floats, etc. for recreational use during specific seasonal or short-term events, provided they are not located within FNPs, are in place no longer than the defined seasonal timeframe and are removed within 30 days after use is discontinued. <p>An SVNf is not required if reviewed by CRMC.</p>	<p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none">• Aids to navigation/temporary structures in vegetated shallows.• Aids to navigation/temporary structures in FNPs.• Temporary structures in place longer than one season and/or not removed within 30 days after use is discontinued. Must be in accordance with USCG requirements.

GP 2. REPAIR OR MAINTENANCE OF EXISTING CURRENTLY SERVICEABLE, AUTHORIZED, OR GRANDFATHERED STRUCTURES & FILLS, AND REMOVAL OF STRUCTURES

Repair, rehabilitation, or replacement of any previously authorized, currently serviceable structure, or fill, or of any currently serviceable structure or fill authorized by 33 CFR 330.3, provided that the structure or fill is not to be put to uses differing from those uses specified or contemplated for it in the original permit or the most recently authorized modification. Minor deviations in the structure's configuration or filled area, including those due to changes in materials, construction technique requirements of other regulatory agencies, or current construction codes or safety standards that are necessary to make the repair, rehabilitation, or replacement are authorized. Includes removal of structures and fill and accumulated sediment/debris. Stream, river, brook, or other tributary crossings are not eligible under GP 2 (GP 19). Maintenance dredging, beach nourishment or beach restoration are not eligible under GP 2 (GP 7).

See Section VI – Definitions: SAS = Special Aquatic Sites. USCG = U.S. Coast Guard. SF = Square Feet. SVNF = Self-Verification Notification Form.

Applies to: Section 10 & 404; tidal and non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent or temporary impacts in tidal waters, except activities listed below as eligible. • Permanent and temporary impacts in SAS other than non-tidal wetlands. • Slip lining or culvert relining. • Additional riprap beyond the existing, previously authorized footprint. • Unconfined work in streams with diadromous fish occurring between March 1 and June 30. • Unconfined fill in waterways identified as habitat for Atlantic sturgeon and shortnose sturgeon including designated critical habitat, foraging, and overwintering areas. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Permanent impacts ≤1,000 SF in non-tidal waters, including wetlands. • Temporary impacts ≤ 5,000 SF in non-tidal waters, including wetlands. • Bulkhead replacement in tidal and non-tidal waters via installation of new bulkhead within 18” of the existing bulkhead and associated backfill. • Pile supported structures reconstructed in the same footprint using the same materials, except steel piles installed using an impact hammer. • Drawdown of impoundment for dam/levee repair provided it does not exceed 18 months and one growing season (April through September). • Any stream channel modification is limited to the minimum necessary for the repair, rehabilitation, or replacement of the structure or fill; such modifications, including the removal of material from the stream channel, must be immediately adjacent to the project or within the boundaries of the structure or fill. • Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable, when temporary 	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts > 5,000 SF in tidal and non-tidal waters. • Permanent and temporary impacts > 1,000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts > 100 SF in tidal vegetated shallows. • New riprap fill that exceeds the minimum necessary to protect the existing fill/structure. <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤ 5,000 SF in tidal and non-tidal waters. • Permanent and temporary impacts ≤ 1,000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts ≤ 100 SF in tidal vegetated shallows. • Additional riprap beyond the existing, previously authorized footprint. • Removal of accumulated sediments and debris in the vicinity of existing structures (e.g., bridges, culverted road crossings, water intake structures, etc.). • Removal of bridge structures subject to USCG jurisdiction are covered under GP 8, provided the USCG issues a bridge permit. • Any bank stabilization measures not directly associated with the structure requires a separate authorization under GP 9. • The removal of accumulated sediment is limited to the minimum necessary to restore the waterway in the vicinity of the structure to the approximate dimensions that existed when the structure was built but cannot extend farther than 200 feet in any direction from the structure. Excavated materials must be deposited and retained in an area that has no waters of the U.S. • Pile supported structures using steel piles installed using an impact hammer.

discharges, such as sandbag cofferdams, access fills, etc. are necessary for construction activities or dewatering of construction sites.

- Temporary fills must consist of materials installed in a manner that will not be eroded by high flows. Materials must be removed in their entirety and affected areas returned to pre-construction elevations and must be re-vegetated as appropriate.
- Work to previously approved tide gates with a USACE-approved operation and maintenance plan and tide gates not affecting the hydraulic regime.

An SVNF is not required if reviewed by CRMC.

Notes:

1. Removal of bridge structures in navigable waters are covered under GP 8, if the Coast Guard issues a bridge permit.
2. Stream, river, brook or other watercourse crossings are not eligible under GP 2 (GP 19).
3. Grandfather dates include work performed & structures installed before December 18, 1968 & fill placed before October 18, 1972.
4. Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed.
5. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 3. MOORINGS

New private, non-commercial, non-rental, single-boat moorings & temporary moorings including moorings to facilitate construction or dredging; minor relocation of previously authorized moorings and mooring field expansions, boundary reconfigurations or modifications of previously authorized mooring fields and maintenance and replacement of moorings.

See Section VI – Definitions: FNP = Federal Navigation Project. SAS = Special Aquatic Sites. SVNF = Self-Verification Notification Form.

Applies to: Section 10; navigable waters of the U.S

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none">• New moorings located in FNPs, including anchorages.• New moorings located in tidal SAS• New moorings located in shellfish beds. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none">• Private, non-commercial, non-rental, single-boat moorings as well as temporary moorings needed to facilitate construction or dredging.• Minor relocation of previously authorized moorings provided no impact to SAS or shellfish beds.• Must receive local harbormaster or municipal commission authorization.• Replacement of existing moorings within SAS with low impact mooring technology that prevents mooring chains from resting or dragging on the bottom substrate at all tides, helical anchors, or equivalent SAS protection systems. <p>An SVNF is not required if reviewed by CRMC.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none">• Moorings in Federal Navigation Channels <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none">• New moorings, including expansion of existing mooring fields, that are associated with an existing or proposed boating facility.• Private moorings without harbormaster or local approval.• Moorings located such that they, and/or vessels docked or moored at them, are within the buffer zone of the horizontal limits of a Federal Anchorage. The buffer zone is equal to 3 times the authorized depth of that channel.• New individual moorings in SAS, including vegetated shallows. Locating moorings in SAS should be avoided to the maximum extent practicable. If SAS cannot be avoided, plans should show elastic mooring systems that prevent mooring chains from resting or dragging on the bottom substrate at all tides, helical anchors, or equivalent SAS protection systems, where practicable. USACE may require an eelgrass survey to document presence or absence of SAS to determine the appropriate type and amount of compensatory mitigation for impact to SAS.• Temporary and permanent impacts to tidal SAS (except tidal vegetated shallows) or intertidal habitats.• Temporary and permanent impacts to: (1) >100 SF of tidal vegetated shallows; or (2) ≤100 SF of tidal vegetated shallows if compensatory mitigation is not required.

- Notes:
1. Locating new individual moorings in SAS, including vegetated shallows, should be avoided to the maximum extent practicable. If SAS cannot be avoided, plans should show elastic mooring systems that prevent mooring chains from resting or dragging on the bottom substrate at all tides and helical anchors, or equivalent SAS protection systems, where practicable. For moorings that appear to impact SAS, USACE may require an eelgrass survey.
 2. Boating facilities provide for a fee, rent, or sell mooring space, such as marinas, yacht clubs, boat clubs, boat yards, town facilities, dockminiums, etc.
 3. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 4. PILE-SUPPORTED STRUCTURES & FLOATS, INCLUDING BOAT LIFTS/HOISTS & OTHER MISCELLANEOUS STRUCTURES & WORK

New, expansions, reconfigurations, or modifications of structures for navigation access including floats, stairs/pads, and boat/float lifts as well as other miscellaneous structures.

See Section VI – Definitions: FNP = Federal Navigation Project. MLW = Mean Low Water. SAS = Special Aquatic Sites. SVNF = Self-Verification Notification Form.

Applies to: Section 10; navigable waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • New structures or floats associated with non-residential boating facilities. • Structures located over vegetated shallows, or within 25-feet of, vegetated shallows. • Structures located within a FNP channel or in the associated buffer zone (horizontal distance equal to three times the authorized FNP depth). • Wooden piles for a single and complete project > 25 piles. • Wooden piles > 12 inches in diameter. • New steel piles. • Structures or floats that extend across >25% of the waterway width at MLW. • Fill or excavation <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Private residential structures including lifts with a length limit not to exceed 75’ beyond mean low water and limited to 4’ in width. Structures shall have ≥1:1 height/width ratio over salt marsh. The height should be measured from the marsh substrate to the bottom of the longitudinal support beam. • Floats must be supported at least 18” above the intertidal and shallow sub-tidal substrate during all tide cycles. Float stops are acceptable. • Wooden piles for a single and complete project ≤ 25 piles. • Private boat lifts. • Letter of no objection from riparian property owner is required for new structures within 25 feet of riparian property line extensions. • Reconfiguration of existing authorized structures or new floating structures; provided those structures do not extend beyond the existing RI CRMC perimeter limits of the facility or encroach into SAS. No new steel piles. <p>An SVNF is not required if reviewed by CRMC.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent structures in a Federal Navigation Project channel or the associated buffer zone • New structures associated with an existing non-residential boating facility that are located beyond the existing RI CRMC perimeter limit of the facility. • Fill or excavation <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Wave attenuation structures and timber groins. • New pile-supported/fixed structures within an existing boating facility, provided those structures do not extend beyond the existing RI CRMC perimeter limit of the facility. • Structures that are located within 25 feet of riparian property line extensions unless the properties are owned by the same owner. If not, USACE may require a letter of no objection from the abutter(s).

Notes:
 1. Boating Facility is defined as facilities that provide for a fee, rent, or sell mooring space, such as marinas, yacht clubs, boat clubs, boat yards, town facilities, dockominiums, etc.
 2. FNP buffer zone is the horizontal distance equal to three times the authorized FNP depth.

GP 5. BOAT RAMPS AND MARINE RAILWAYS

Activities required for the construction of boat ramps and marine railways, including excavation and fill.

See Section VI – Definitions: NOAA = National Oceanic and Atmospheric Administration. ESA = Endangered Species Act. SF = Square Feet. SVNF = Self-Verification Notification Form. SAS = Special Aquatic Sites.

Applies to: Sections 10 & 404; tidal and non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none">• Boat ramps or marine railways in tidal waters.• Unconfined fill or excavation discharges in waterways identified as habitat for Atlantic sturgeon and shortnose sturgeon, including designated critical habitat, foraging, and overwintering areas. (GC 8)• Fill or excavation discharges in SAV or vegetated shallows.• Boat ramps located within 25 feet of riparian property line extensions <u>unless</u> the properties are owned by the same owner or a letter of no objection from the abutter is provided.• Work March 1 through June 30 in non-tidal waters that support diadromous fish species.• Dredging in navigable waters of the U.S. (see GP 7) <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts \leq 5,000 SF in non-tidal waters.• Ramps constructed in inland waters that support anadromous fish provided construction occurs during low (at or below the normal water elevation) or no-flow condition and/or behind a cofferdam between July 1 and March 1. The cofferdam shall be constructed of non-erodible materials (steel sheets, aqua barriers, or geotextile liner; earthen cofferdams are not permissible). <p>An SVNF is not required if reviewed by CRMC.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts $>1/2$ acre of non-tidal waters and wetlands.• Permanent and temporary impacts $>1/2$ acre in tidal waters• Permanent and temporary impacts >1000 SF in tidal SAS (other than vegetated shallows).• Permanent and Temporary impacts >100 SF in tidal vegetated shallows.• Dredging in navigable waters of the U.S. (see GP 7)• Total combined impacts to tidal and non-tidal waters, wetlands, and other SAS exceeding $1/2$ acre <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts $\leq 1/2$ acre of non-tidal waters and wetlands.• Permanent and temporary impacts $\leq 1/2$ acre in tidal waters.• Permanent and temporary impacts ≤ 1000 SF in tidal SAS (other than vegetated shallows).• Permanent and temporary impacts ≤ 100 SF in tidal vegetated shallows.• Boat ramps located within 25 feet of an abutting riparian property line with a letter of no objection from the abutter(s).

Notes:

1. If boat ramps are located within 25 feet of a riparian property line and the property is not held by the same owner, USACE will require a letter of no objection from the abutter(s) or require an appropriate buffer if one is needed.
2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 6. UTILITIES INCLUDING LINES, OUTFALL AND INTAKE STRUCTURES AND APPURTENANT FEATURES

Activities required for: (a) The construction, maintenance, relocation, repair, & removal of utility lines, including outfall and intake structures, and the associated excavation, backfill, or bedding for utility lines. This GP includes but is not limited to utility lines such as electric, water, oil, sewer, gas or cable; (b) The construction, maintenance or expansion of utility line substations and other appurtenant facilities associated with an electric line, gas line or other utility line in non-tidal waters; and (c) The construction and maintenance of foundations for overhead utility line towers, poles, and anchors provided the foundations are the minimum size necessary and separate footings for each tower leg (rather than a larger single pad) are used where practicable, considering system reliability and other factors. This GP authorizes the construction of access roads to facilitate construction of the above activities provided the activity, in combination with all other activities included in one single and complete project, does not cause the permanent loss of greater than 1 acre of non-tidal waters of the U.S. (see Note below). Impacts resulting from mechanized pushing, dragging or other similar activities that redeposit excavated soil material shall be included in the area limit determination.

See Section VI – Definitions: NOAA = National Oceanic and Atmospheric Administration. ESA = Endangered Species Act. SF = Square Feet. SAS = Special Aquatic Sites.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Work in, over or under tidal waters. • Outfalls. • New riprap beyond the existing previously authorized footprint. • Fill in waterways identified as habitat for Atlantic sturgeon and shortnose sturgeon including designated critical habitat, foraging, and over-wintering areas. (GC 8) • Unconfined work or silt producing activities in streams with diadromous fish between March 1 and June 30. <p><u>Eligible for SV (see below for SVN requirements):</u></p> <ul style="list-style-type: none"> • Cumulative permanent and temporary impacts of ≤5,000 SF of fill for each single and complete project (GC 2) provided none of the individual single and complete linear project impact areas exceed the threshold for the SV (≤5,000 SF). • Backfill of the trench over the pipe and to the ground surface shall occur with native materials, to the extent practicable for industry standard and may not facilitate wetland or waterway drainage below, or on the ground surface. Trench plugs shall be installed to prevent drainage of waters and wetlands. Topsoil depth should match the surrounding soil profile. • Activities may not intentionally or unintentionally impound waters, including wetlands. • For intake structures such as dry hydrants, if located within a stream, intake must be equipped with an appropriately sized mesh screen to prevent entrainment and the intake velocity must not exceed 0.5 foot-per-second to prevent impingement of aquatic organisms. 	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts >1/2 acre of non-tidal waters and wetlands. • Permanent and temporary impacts >1/2 acre in tidal waters • Permanent and temporary impacts >1000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts >100 SF in tidal vegetated shallows. • New tide gates that are not affiliated with a permitted stormwater discharge or authorized National Pollutant Discharge Elimination system. • Work that includes blasting. • Storage of equipment in wetlands. • Total combined impacts to tidal and non-tidal waters, wetlands, and other SAS exceeding ½ acre. <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1/2 acre of non-tidal waters and wetlands. • Permanent and temporary impacts ≤1/2 acre in tidal waters • Permanent and temporary impacts ≤1000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts ≤ 100 SF in tidal vegetated shallows. • Utility activities including excavation and trench backfill with impact to riffle and pools or vegetated shallows. • New outfalls and/or intakes. • New riprap armoring for utility-related structures and scour protection. • Temporary utility access roads for construction (GPs 18 and 19 for permanent maintenance access roads)

- Construction occurs during low (at or below the normal water elevation) or no-flow condition between July 1 and March 1 in streams with diadromous fish or work conducted behind a cofferdam at any time. The cofferdam shall be constructed of non-erodible materials (steel sheets, aqua barriers, sandbag, or geotextile liner; earthen cofferdams are not permissible).
- Temporary fill, including fill for construction access roads, must be removed upon completion of work and the area shall be completely restored to pre-construction elevation and condition, and revegetated with native species as appropriate.
- Pad/foundations are the minimum size necessary and are configured as a separate footing for each tower leg (rather than a larger single pad).
- Impacts in waters or wetlands resulting from mechanized pushing or dragging, and temporary side cast of excavated material from trenches shall be figured into the <5,000 SF “single and complete” project category threshold.
- No silt producing activities from March 1 through June 30 in non-tidal waters that support diadromous fish species.

SVNF submittal to USACE is required.

- Streambed installation of utility lines or mains via open-cut trench excavation in flowing waters or dam and pump diversion.
- Temporary fill, including fill for construction access roads, must be removed upon completion of work and the area shall be completely restored to pre-construction elevation and condition, and revegetated with native species as appropriate.
- Pad/foundations are the minimum size necessary and is configured as a separate footing for each tower leg (rather than a larger single pad).
- Impacts in waters or wetlands resulting from mechanized pushing or dragging, and temporary side cast of excavated material from trenches shall be figured into the 1/2 acre “single and complete” project category threshold.
- Overhead utility lines constructed over Section 10 waters and submarine utility lines that are routed in or under such waters.
- Stormwater outfalls.
- New intake structures.
- Trench excavation, bedding and backfill.
- Staging of equipment in wetlands during construction.

Notes:

1. Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed.
2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 7. DREDGING, DISPOSAL OF DREDGED MATERIAL, BEACH NOURISHMENT & ROCK REMOVAL AND ROCK RELOCATION

New, improvement and maintenance dredging (see note below) including: (a) Disposal of dredged material at a confined aquatic disposal cell, beach nourishment location, near shore site, open water site selected under Section 404 of the Clean Water Act pursuant to the 404(b)(1) Guidelines, , provided the dredged material meets the requirements for such disposal; (b) Beach nourishment not associated with dredging; and (c) Rock removal and relocation for navigation.

See Section VI – Definitions: HTL = High Tide Line. SF = Square Feet. SAS = Special Aquatic Sites. SVNF = Self-Verification Notification Form. NOAA = National Oceanic and Atmospheric Administration.

Applies to: Sections 10, 404; tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Beach nourishment and beach grading. • Blasting and/or beach scraping. • New dredging for the primary purpose of mining or borrowing sand for beach nourishment. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Maintenance dredging in tidal waters of any volume provided: <ul style="list-style-type: none"> ○ Upland disposal above the HTL. ○ Proper siltation controls used & maintained to prevent runback into waterways or wetlands. ○ No impacts to SAS or intertidal areas. • Work occurs from October 1 through January 31. • In tidal areas rock/boulder relocation with ≤200 SF of impacts and no impacts to SAS. • Beach grooming or raking between November 1 and January 31. <p>An SVNF is not required if reviewed by CRMC.</p>	<p><u>Not eligible for PCN (Individual permit required):</u></p> <ul style="list-style-type: none"> • New dredging (not previously authorized) with >1000 SF of impacts to intertidal areas or saltmarsh or >100 SF of impacts to vegetated shallows. • New dredging >100 SF in tidal vegetated shallows. • Maintenance dredging and/or disposal with >1/2 acre of impacts to tidal SAS other than tidal vegetated shallows. • New dredging for the primary purpose of mining or borrowing sand for beach nourishment. • Rock removal and relocation for navigation with impacts >1/2 acre in tidal waters. • Blasting and/or beach scraping. <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Maintenance dredging not eligible for SV; improvement dredging and new dredging. • Dredged material disposal, confined aquatic disposal cells (CAD cells), near-shore disposal or beach nourishment. • Beach nourishment and beach grading. • Rock removal mechanically or by blasting (see below for additional criteria). • For work that includes blasting, a blasting plan must be submitted and approved by USACE, CRMC and NOAA.

Notes:

1. Improvement is dredging to deeper depths in areas previously dredged or authorized.
2. Maintenance dredging includes areas and depths previously dredged after being authorized by USACE.

GP 8. DISCHARGES OF DREDGED OR FILL MATERIAL INCIDENTAL TO THE CONSTRUCTION OF BRIDGES

Discharges of dredged or fill material incidental to the construction, modification, or removal of bridges across navigable waters of the U.S., including cofferdams, abutments, foundation seals, piers, approach fills, and temporary construction and access fills provided that the USCG authorizes the construction of the bridge structure under Section 9 of the Rivers and Harbors Act of 1899 or other applicable laws. A USCG Authorization Act Exemption or a STURRA (144h) exemption do not constitute USCG authorization.

See Section VI – Definitions: SF = Square Feet. SVNf = Self-Verification Notification Form. SAS = Special Aquatic Sites. USCG = U.S. Coast Guard.

Applies to: Sections 10 & 404; navigable waters of the U.S.

GP 8 is not applicable to bridges over inland waters or wetlands that are not tidally influenced or regulated as navigable under Section 10 (33 CFR Part 329).

For projects that are not subject to USCG regulations see eligibility criteria for GPs 2, 18, or 19.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts > 5,000 SF of tidal and non-tidal waters. • Construction of causeways and approach fills. • Fill in SAS or shellfish beds. • Causeways <p><u>Eligible for SV (see below for SVNf requirements):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤ 5,000 SF of tidal and non-tidal waters. • Permanent or temporary discharges of dredged or fill material incidental to the construction and/or modification of bridges. • Pier foundations. • Cofferdam and water handling facilities. • Bridges authorized by the USCG under Section 9 of the Rivers and Harbors Act of 1899 or other applicable laws including 2002 transfer of authorities to Secretary of Homeland Security under 6 U.S.C. 552(d). <p>An SVNf is not required if reviewed by CRMC.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts >1 acre of tidal and non-tidal waters, including wetlands. • Causeways <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1 acre of tidal and non-tidal waters. • Permanent and temporary impacts ≤1000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts ≤100 SF in tidal vegetated shallows.

Notes:

1. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 9. NEW SHORELINE AND BANK STABILIZATION PROJECTS AND LIVING SHORELINES

Bank stabilization activities necessary for erosion protection along the banks of lakes, ponds, streams, estuarine and ocean waters, and any other open waters. Includes bulkheads, seawalls, riprap, revetments, or slope protection & similar structures, specifically for the purpose of shoreline protection. Also includes vegetative planting, soil bioengineering or alternative techniques that rely on a substantial biological component (e.g., fringe wetland, shellfish reef) or include discharges associated with planned shoreline retreat to maintain, restore, or enhance the natural continuity of the land-water interface and natural ecological processes. See GP 2 for replacement of existing bank stabilization structures or fills.

See Section VI – Definitions: SAS = Special Aquatic Sites. LF = Linear Feet. SF = Square Feet.

Applies to: Sections 10 & 404; tidal and non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Vertical stone structures or embankments angled steeper than 1V: 1H. • New bulkheads & retaining walls. • Fill beyond the toe of slope within the streambed other than necessary to secure the toe of slope. • Permanent fill within the streambed. • The use of grouted riprap, poured/unformed concrete/asphalt, or asphalt pieces. Discharges of fill material in SAS, including mud flats, tidal wetlands, vegetated shallows and/or shellfish beds. • Stream channelization or relocation <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Tidal and non-tidal shoreline & bank stabilization projects and other stream, river, or brook bank stabilization projects ≤ 200 LF (includes total for more than one stream bank). • Permanent and temporary impacts ≤ 5,000 SF in non-tidal waters. • Permanent fill is limited to 1 foot or less seaward of existing toe of bank. • Soft stabilization measures such as bioengineered fiber roll revetments or equivalent, shall be used whenever practicable. • After construction, temporary fills must be removed in their entirety and the affected areas returned to pre-construction elevations. The areas affected by temporary fills must be revegetated, as appropriate. • Unconfined work, not including installation and removal of cofferdams, is limited to July 1 through October 31 in non-tidal waters. • Work occurring behind a cofferdam may occur at any time. <p>An SVNF submittal to USACE is required.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Shoreline & bank stabilization projects >500 LF in tidal and non-tidal waters, including wetlands. • Living shorelines >1,500 LF in tidal and non-tidal waters, including wetlands. • Permanent and temporary impacts >1,000 SF in SAS (other than vegetated shallows). • Permanent and temporary impacts >100 SF in tidal vegetated shallows. • New breakwaters, groins, and jetties. • Stream channelization or relocation <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Shoreline & bank stabilization projects ≤500 LF in tidal and non-tidal waters. • Living shorelines ≤1,500 LF in tidal and non-tidal waters.

Notes:

1. Impact lengths are calculated by totaling the linear feet of impacts to both banks, where applicable.
2. Living shorelines are a low-impact approach to shoreline protection that integrates natural coastal features to restore, enhance, maintain, or create natural coastal or riparian habitat, functions, and processes while also functioning to mitigate flooding or shoreline erosion.
3. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 10. AQUATIC HABITAT RESTORATION, ESTABLISHMENT AND ENHANCEMENT ACTIVITIES

Activities in waters of the U.S. associated with the restoration, enhancement and establishment of non-tidal and tidal wetlands and riparian areas, including invasive, non-native or nuisance species control; the restoration and enhancement of non-tidal streams and other non-tidal open waters; the relocation of non-tidal waters, including non-tidal streams and associated wetlands for reestablishment of a natural stream morphology and reconnection of the floodplain; the restoration and enhancement of shellfish, finfish and wildlife; and the rehabilitation or enhancement of tidal streams, tidal wetlands and tidal open waters; provided those activities result in net increases in aquatic resource functions and services.

See Section VI – Definitions: SF = Square Feet. LF = Linear Feet. SAS = Special Aquatic Sites.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent & temporary impacts > 5,000 SF in non-tidal waters, including wetlands. • Permanent fill in, or conversion of, tidal wetlands. • Sediment placement to increase saltmarsh elevation to support saltmarsh vegetation (thin layer deposition). • Fill for purposes of converting marsh to upland. • New or improvement dredging (deepening) discharges (including side-casting of excavated material from ditching) to eliminate mosquito breeding habitat. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤5,000 SF in non-tidal waters, provided the activity is permitted by a state agency. • Maintenance and new ditching ≤ 100 LF in tidal and non-tidal wetlands to eliminate mosquito breeding habitat. • Placement of boulders clusters, woody debris clumps, log vanes or deflectors in waters for fish habitat restoration. • Saltmarsh management in tidal waters and wetlands for combined wetland enhancement, mosquito control and reduction which may include draining of ponded dieback areas through excavation of runnels and shallow creeks with handheld tools or low-impact ground equipment; blocking or unclogging of historic mosquito ditches to restore tidal flushing and to drain impounded water; new mosquito ditching of ≤100 LF; excavation of pools to support fish habitat and waterfowl foraging habitat; and placing excavated materials on the marsh surface to allow for salt marsh recolonization. • Placement of caged shellfish brood stock, seed shellfish, spatted-shell, cultch, or shellfish restoration materials in tidal waters for the restoration or enhancement of existing, publicly-managed, shellfish beds provided there is no placement in or impacts to SAS and does not result in degradation of habitat for other aquatic 	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Conversion of wetland to open water. • New wildlife, waterfowl impoundments or fish ponds. • New tide gate installation. • Artificial reefs. • Permanent and temporary impacts >1/2 acre in tidal waters. • Permanent and temporary impacts >1000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts >100 SF of tidal vegetated shallows <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Pond or lake restoration or enhancement for water quality or ecological habitat renovation. • Dam removals not eligible for SV. • Stream channel reconstruction, relocation, realignment, and stream bed modification • Installation of fish ladders • Management of existing wildlife or waterfowl impoundments. • Proactive saltmarsh restoration via sediment placement to increase saltmarsh elevation to support saltmarsh vegetation (thin layer deposition) provided there is no net loss of wetland area. • New ditching to eliminate mosquito breeding habitat >100 LF in tidal and non-tidal wetlands. • Stream channelization that would alter the hydrology of nearby wetlands and waterbodies.

resources. This applies only to RIDEM projects or projects conducted in partnership with RIDEM.

- Planting and transplanting ≤ 100 SF of tidal and non-tidal SAS native species.
- Removal of non-native invasive, exotic or nuisance vegetation.

An SVNF submittal to USACE is required.

Notes:

1. Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed.
2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 11. FISH AND WILDLIFE HARVESTING ACTIVITIES

Activities in tidal waters of the U.S. associated with fish and wildlife harvesting and harvesting devices including pound nets, crab traps, crab dredging, eel pots, lobster traps, duck blinds, clam and oyster digging, fish aggregating devices, and small fish attraction devices such as open water fish concentrators (sea kites, etc.).

See Section VI – Definitions: SAS = Special Aquatic Sites. FNP = Federal Navigation Project. MHW = Mean High Water. SF = Square Feet.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

GP 11 is not applicable to inland waters or wetlands that are not tidally influenced or navigable under Section 10 (33 CFR Part 329)

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent impacts to SAS, including intertidal mud flats, salt marshes and vegetated shallows. • Placement in FNPs or interference with navigation. FNPs are comprised of federal channels, anchorages and turning basins. More information on the limits of these FNPs can be found at: https://www.nae.usace.army.mil/Missions/Navigation/Rhode-Island-Projects • Structures, cages or traps located in SAS. • Shellfish dredging, either mechanical or hydraulic, in SAS <p><u>Eligible for SV (see below for SVN requirements):</u></p> <ul style="list-style-type: none"> • Activities associated with fish and wildlife harvesting devices including pound nets, crab traps, crab dredging, eel pots, lobster traps, duck blinds, clam and oyster digging and dredging, small fish aggregating and attraction devices such as open water fish concentrators (sea kites, etc.). • All gear, except for permanent mooring tackle shall be removed when not in use and stored at an upland location above MHW and outside of wetland, including saltmarsh. <p>An SVN is not required if reviewed by CRMC.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Artificial reefs, impoundments or semi-impoundment of water. • Permanent and temporary impacts > 1/2 acre in tidal waters. • Permanent and temporary impacts > 1,000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts >100 SF in tidal vegetated shallows. • Shellfish dredging, either mechanical or hydraulic, in SAS <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1/2 acre in tidal waters. • Permanent and temporary impacts ≤1000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts ≤100 SF in tidal vegetated shallows. • Devices (structures) proposed to be used or located in tidal SAS, including salt marsh, mud flats and vegetated shallows.

Notes:

1. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 12. OIL SPILL AND HAZARDOUS MATERIAL RESPONSE OPERATIONS

(a) Activities conducted in response to a discharge or release of oil and hazardous substances that are subject to the National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR 300) including containment, cleanup, and mitigation efforts, provided activities are done under either (i) The Spill Prevent, Control & Countermeasure Plan required by 40 CFR 112.3; (ii) The direction or oversight of the Federal on-site coordinator designated by 40 CFR 300; or (iii) Any approved existing State, regional or local contingency plan provided that the Regional Response Team concurs with the proposed response efforts or does not object to the response effort. (b) Activities required for the cleanup of oil releases in waters of the U.S. from electrical equipment that are governed by EPA’s polychlorinated biphenyl (PCB) spill response regulations at 40 CFR 761. (c) Booms placed in tidal waters. (d) Use of structures & fills for spill response training exercises. Special Aquatic Sites (SAS) must be restored in place to pre-impact elevations.

See Section VI – Definitions: SAS = Special Aquatic Sites. SF = Square Feet. SVNF = Self-Verification Notification Form.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Training activities with impacts to tidal SAS, including vegetated shallows, natural rocky habitats and/or shellfish beds. • Response operation activities are planned, scheduled, or not conducted during the initial emergency response. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Activities that are conducted in accordance with (a) or (b) in the title block above. • Booms placed in navigable waters for hazardous and toxic waste containment, absorption and prevention, provided they are removed upon completion of the response operation. • Temporary impacts for spill response training exercises ≤5,000 SF in non-tidal waters. • Temporary impacts for spill response training exercises ≤1,000 SF in tidal waters. • Temporary structures in tidal waters with no impacts to SAS and in place for ≤ 30 days. <p>Permittees have up to two weeks following commencement of these activities to submit an SVNF.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts >1 acre in tidal and non-tidal waters. • Establishment of new sites for disposal of hazardous/toxic waste. • Activities that will have more than minimal individual or cumulative adverse environmental effects (Section I, Paragraph B – General Criteria). <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1 acre in tidal and non-tidal waters. • The activity is planned or scheduled, not an emergency response, and will not cause turbidity or sediment resuspension or deposition in tidal or non-tidal waters. • Permanent structures or impacts for spill response training exercises.

Notes:

1. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 13. CLEANUP OF HAZARDOUS & TOXIC WASTE

Specific activities to affect the containment, stabilization, or removal of hazardous or toxic waste materials, including court ordered remedial action plans or related settlements which are performed, ordered, or sponsored by a government agency with established legal or regulatory authority. Activities undertaken entirely on a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site by authority of CERCLA, are not required to obtain permits under Section 404 of the CWA or Section 10 of the Rivers and Harbors Act.

See Section VI – Definitions: SAS = Special Aquatic Sites. SF= Square Feet. SVNF = Self-Verification Notification Form.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none">• Fill in tidal waters or wetlands.• Stream channelization, relocation, or loss of streambed including impoundments.• Establishment of new disposal sites or expanding existing sites used for the disposal of hazardous or toxic waste.• Permanent discharges in, or conversion of, SAS or a vernal pool depression that is located within waters of the U.S.• All cleanup activities in tidal waters except for the use of booms. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts $\leq 5,000$ SF in tidal and non-tidal waters.• SAS must be restored in place and at pre-impact elevation, to the maximum extent practicable.• Booms placed in waters for containment, absorption, and prevention, provided they are removed upon completion of the cleanup. <p>Permittees have up to two weeks following commencement of these activities to submit an SVNF if the work is an emergency.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts $> 1/2$ acre in tidal and non-tidal waters.• Establishment of new disposal sites or expansion of existing sites for the disposal of hazardous or toxic waste.• Activities that will have more than minimal individual or cumulative adverse environmental effects (Section I, Paragraph B – General Criteria). <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts $\leq 1/2$ acre in tidal and non-tidal waters.• SAS must be restored in place and at pre-impact elevation, to the maximum extent practicable.• Work in navigable waters of the U.S. other than booms placed for hazardous and toxic waste containment, absorption, and prevention.

Notes:

1. Activities undertaken entirely on a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site by authority of CERCLA, are not required to obtain permits under Section 404 of the Clean Water Act or Section 10 of the Rivers and Harbors Act.
2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 14. SCIENTIFIC MEASUREMENT AND MONITORING DEVICES

Scientific devices for measuring and recording scientific data, such as staff gauges, tide and current gauges, meteorological stations, water recording and biological observation devices, water quality testing and improvement devices, and similar structures. Also eligible are small temporary weirs and flumes constructed primarily to record water quantity and velocity provided the discharge is less than 25 cubic yards. Upon completion of the use of the installed device it, and any other structures of fills associated with the device (e.g., foundations, anchors, buoys, lines, etc.), must be removed and the site restored to preconstruction elevation and condition, to the greatest extent practicable.

See Section VI – Definitions: SF = Square Feet. SAS = Special Aquatic Sites. SVNF = Self-Verification Notification Form.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts >1,000 SF in non-tidal waters, including wetlands. • Fill in tidal waters. • Permanent impacts to tidal vegetated shallows or natural rocky habitats. • Fill in a vernal pool depression that is located within waters of the U.S. • Biological sampling devices. • Weirs and flumes. • Interference with navigation or encroachment into an FNP. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1,000 SF in non-tidal waters. • Non-fill permanent and temporary impacts ≤1,000 SF of tidal SAS (except vegetated shallows). • Devices in tidal waters that do not restrict or concentrate movement of aquatic organisms and will not adversely affect the course, condition, or capacity of a waterway. <p>An SVNF is not required if reviewed by CRMC.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts >1 acre in non-tidal waters and wetlands • Permanent and temporary impacts >1/2 acre in tidal waters, >1000 SF in tidal SAS other than vegetated shallows, or >100 SF in tidal vegetated shallows. <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤5,000 SF in tidal and non-tidal waters • Temporary weirs and flumes constructed primarily to record water quantity and velocity.

Notes:

1. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.
2. Activities that occur outside of Rhode Island state waters require coordination with the New York Department of State to determine if a federal consistency review is required due to effects on the uses and resources of the New York coastal zone. Contact: Matthew Maraglio or Jennifer Street, NYDOS, 518-474-6000, cr@dos.ny.gov.

GP 15. SURVEY AND EXPLORATORY SURVEY ACTIVITIES

Survey activities such as soil borings, core sampling, seismic exploratory operations, plugging of seismic shot holes and other exploratory type bore holes, exploratory trenching (mechanical land clearing of the upper soil profile to expose bedrock or substrate for the purpose of mapping or sampling the exposed material) and historic resources surveys.

See Section VI – Definitions: SF = Square Feet. SAS = Special Aquatic Sites. SVNF = Self-Verification Notification Form.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent impacts >5,000 SF in non-tidal waters. • Permanent or temporary impacts in tidal waters. • Drilling & discharge of excavated material from test wells for oil & gas exploration and seismic exploration. • Exploratory trenching and silt producing activities. • Blasting. • Interference with navigation. • Biological sampling devices. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤5,000 SF in non-tidal waters and wetlands. • Temporary structures ≤1,000 SF removed when survey is concluded. • Sampling plots, resource surveys, soil borings, and core sampling. • Eligible for SV without SV notification: Wetland delineation, soil surveys, sampling plots, historic resource surveys. <p>An SVNF is not required if reviewed by CRMC.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts > 1/2 acres in tidal and non-tidal waters. • Permanent and temporary impacts > 1,000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts > 100 SF in tidal vegetated shallows. <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤ 1/2 acres in tidal and non-tidal waters. • Permanent and temporary impacts ≤ 1000 SF in tidal SAS (other than vegetated shallows). • Permanent and temporary impacts ≤ 100 SF in tidal vegetated shallows. • Seismic surveying. • Exploratory trenching

Notes:

1. For the purposes of this GP, the term “exploratory trenching” means mechanical land clearing of the upper soil profile to expose bedrock or substrate, for the purpose of mapping or sampling the exposed material.
2. The area in which the exploratory trench is dug must be restored to its preconstruction elevation upon completion of the work and must not drain a water of the U.S. In wetlands, the top 6 to 12 inches of the trench should normally be backfilled with topsoil from the trench.
3. Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed.
4. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.
5. Activities that occur outside of Rhode Island state waters require coordination with the New York Department of State to determine if a federal consistency review is required due to effects on the uses and resources of the New York coastal zone. Contact: Matthew Maraglio or Jennifer Street, NYDOS, 518-474-6000, cr@dos.ny.gov.

GP 16. NEW AND EXPANSION OF RECREATIONAL, RESIDENTIAL, INSTITUTIONAL AND COMMERCIAL DEVELOPMENTS

Discharges of dredged or fill material for the construction or expansion of residences and residential subdivisions; commercial and institutional buildings or subdivisions; recreational facilities such as playing fields, bikeways, trails, etc.; and attendant features including but not limited to roads, parking lots, garages, yards, and utilities. This GP authorizes attendant features if they are necessary for the use of the project purpose. Fill area includes all temporary and permanent fill, associated secondary impacts to aquatic resources, and regulated discharges associated with excavation. See GPs 18 & 19 for crossings in inland waters and/or wetlands.

See Section VI – Definitions: SF = Square Feet. SAS = Special Aquatic Site. SVNF = Self-Verification Notification Form.

Applies to: Section 404; non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts within tidal waters, including wetlands. • Permanent and temporary impacts > 5,000 SF of non-tidal waters, including wetlands. • Permanent and temporary impacts to SAS other than wetlands. • Permanent and temporary impacts within in a vernal pool depression located within waters of the U.S. • New road and driveway crossings. • Stormwater treatment or detention systems, or subsurface sewage disposal systems in waters of the U.S. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤5,000 SF to non-tidal waters, including wetlands. <p>An SVNF submittal to USACE is required.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts within tidal waters, including wetlands. • Permanent and temporary impacts >1 acre in non-tidal waters, including wetlands. • New road and driveway crossings. • Stormwater treatment or detention systems, or subsurface sewage disposal systems in waters of the U.S. <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1 acre of non-tidal waters, including wetlands. • Permanent and temporary impacts in non-tidal SAS.

Notes:

1. Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed.
2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 17. ENERGY GENERATION AND RENEWABLE ENERGY FACILITIES AND HYDROPOWER PROJECTS

Structures and work and discharges of dredged or fill material into waters of the U.S. for the construction, expansion, modification, or removal of: (a) land-based renewable energy production facilities (e.g., solar and wind) and their attendant features; (b) water-based wind or hydrokinetic renewable energy generation pilot projects and their attendant features; and (c) discharges of dredged or fill material associated with hydropower projects. Attendant features may include, but are not limited to, land-based collection and distribution facilities, control facilities, and parking lots.

See Section VI – Definitions: SF = Square Feet. SAS = Special Aquatic Sites. SVNF = Self-Verification Notification Form.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts >5000 SF in non-tidal waters, including wetlands. • Permanent and temporary impacts within tidal waters, including wetlands. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤5,000 SF in non-tidal waters and wetlands. <p>An SVNF is not required if reviewed by CRMC. If the project is not reviewed by CRMC, an SVNF is required.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts >1 acre in tidal and non-tidal waters, including wetlands. • Permanent and temporary impacts >5,000 SF in SAS (other than vegetated shallows). • Permanent and temporary impacts >1,000 SF of tidal vegetated shallows. <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1 acre in tidal and non-tidal waters, including wetlands. • Permanent and temporary impacts ≤5,000 SF in SAS (other than vegetated shallows). • Permanent and temporary impacts ≤1,000 SF of tidal vegetated shallows. <p>Mechanical clearing of areas within USACE jurisdiction without grubbing or other soil disturbance >1 acre as a secondary impact may still be eligible for PCN at the discretion of USACE.</p>
<p>Notes:</p> <ol style="list-style-type: none"> 1. Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed. 2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories. 	

GP 18. WETLAND CROSSINGS FOR LINEAR TRANSPORTATION PROJECTS

Discharges of dredged or fill material required for the construction, expansion, modification, or improvement of linear transportation projects (e.g., driveways, roads, highways, railways, trails, airport runways, and taxiways) and attendant features.

See Section VI – Definitions: SF = Square Feet. SAS = Special Aquatic Site. SVNF = Self-Verification Notification Form.

Applies to: Section 404; non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts within tidal waters, including wetlands.• Permanent and temporary impacts >5,000 SF within non-tidal waters, including wetlands.• Permanent and temporary impacts within non-tidal SAS other than wetlands.• Slip lining or culvert relining.• Work that results in flooding (impoundment) or impedes wetland drainage from the upgradient side of the wetland crossing.• Permanent or temporary impacts within a vernal pool depression that is located within waters of the U.S.• Tributary crossing projects <p><u>Eligible for SV:</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts ≤5,000 SF within non-tidal water, including wetlands.• Permanent wetland crossings shall be constructed in such a manner as to preserve hydraulic and ecological connectivity, at its present level, between the wetlands on either side of the road or fill feature. <p>An SVNF submittal to USACE is required.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts within tidal waters, including wetlands.• Permanent and temporary impacts >1 acre within non-tidal waters, including wetlands.• Tributary crossing projects <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none">• Permanent and temporary impacts ≤1 acre within non-tidal waters, including wetlands.• Work in non-tidal SAS.• Slip lining or culvert relining.

Notes:

1. Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed.
2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 19. STREAM, RIVER AND BROOK CROSSINGS (NOT INCLUDING WETLAND CROSSINGS)

Discharges of dredged or fill material required for the construction, expansion, modification, or improvement of linear transportation projects (e.g., driveways, roads, highways, railways, bikeways, trails, airport runways, and taxiways) and attendant features. Recommend new crossings be designed in accordance with the most recent RIDOT Road-Stream Crossing Design Manual. Replacement crossings should refer to the Road-Stream Crossing Design Manual to incorporate as many design practices as possible given site constraints. The Design Manual can be found on the USACE Regulatory website.

See Section VI – Definitions: SF = Square Feet. SAS = Special Aquatic Sites. SVNF = Self-Verification Notification Form.

Applies to: Sections 10 & 404; tidal & non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts to tidal waters, including wetlands. • Permanent and temporary impacts >5,000 SF within non-tidal waters, including wetlands. • Stream relocations; dams, dikes; culvert crossings at new locations within perennial streams. • Slip lining or culvert relining that changes the invert elevation. • Open trench excavation in flowing waters. Work occurring behind a cofferdam may occur at any time. • Riprap beyond the minimum necessary to protect the structure • Permanent and temporary impacts within a vernal pool depression located within waters of the U.S. • Full culverts (with bottoms) in perennial streams. <p><u>Eligible for SV:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤5,000 SF within non-tidal waters and wetlands for bridge or open-bottom structure crossings of perennial streams, rivers, and brooks. Full culverts (with bottoms) are eligible within non-perennial streams, rivers, and brooks. • The use of a single culvert or bridge opening is required to the extent practicable over the use of multiple small openings. • Unconfined, in-stream work, not including installation and removal of cofferdams, is limited to the low-flow period, July 1 through October 31 unless RIDEM requires different resource-driven time of year restriction. <p>An SVNF submittal to USACE is required.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts >1 acre in non-tidal waters. • Permanent impacts that are >1/2 acre in tidal waters. • Permanent impacts that are >1000 SF in tidal SAS (other than vegetated shallows). • Permanent impacts that are >100 SF in tidal vegetated shallows. • Temporary impacts >1 acre in tidal waters. • Temporary impacts >5000 SF in tidal SAS (other than vegetated shallows). • Temporary impacts >1000 SF in tidal vegetated shallows. • Wetland crossings (GP 18). <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1 acre within non-tidal waters, including wetlands. • Permanent impacts ≤1/2 acre in tidal waters. • Permanent impacts ≤1000 SF in tidal SAS (other than vegetated shallows). • Permanent impacts ≤100 SF in tidal vegetated shallows. • Temporary impacts ≤1 acre in tidal waters. • Temporary impacts ≤5000 SF in tidal SAS (other than vegetated shallows). • Temporary impacts ≤1000 SF in tidal vegetated shallows. • Full culverts with bottoms in perennial streams. • Riprap placed across the bed of the stream, river, or brook.

Notes:

1. Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed.
2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 20. AQUACULTURE & MARICULTURE ACTIVITIES

The installation of buoys, floats, racks, rafts, trays, nets, lines, tubes, posts, or other structures in navigable waters for the containment and cultivation of indigenous species of shellfish and seaweed/kelp. Also authorized are anchored upweller floats, spat-collection structures, seawater intake/discharge structures, and discharges of dredged or fill material associated with cultivation such as the placement of cultch or spatting-shell on bottom. Boundaries of vegetated shallows may be required to be located/surveyed in the field. See USACE website for guidance: <http://www.nae.usace.army.mil/Missions/Regulatory/Jurisdiction-and-Wetlands/>.

See Section VI – Definitions: FNP = Federal Navigation Project. SAS = Special Aquatic Sites. SF = Square Feet. SVNf = Self-Verification Notification Form.

Applies to: Sections 10 and 404; navigable waters of the U.S

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none"> • Structures located in an FNP, or within a horizontal distance equal to three times the authorized depth of the FNP. • Permanent and temporary impacts to SAS, including vegetated shallows. • Culture of non-indigenous species or aquatic nuisance species. • Enclosures and impoundments for aquaculture activities within tidal waters. Kelp/seaweed or finfish aquaculture. • Attendant features such as docks, piers, or boat ramps (GP 4 or GP 5). • Structures in established danger zones or restricted areas designated in 33 CFR part 334. • Aquaculture activities that will result in conversion of habitat type (soft bottom to hard, or vice versa). <p><u>Eligible for SV (see below for SVNf requirements):</u></p> <ul style="list-style-type: none"> • Permanent and temporary impacts ≤1/2 acre in tidal waters. • Permanent and temporary impacts ≤1,000 SF in tidal SAS, intertidal areas, or areas containing shellfish. • Placement of shellfish seed, spatting-shell or cultch for commercial shellfish aquaculture or restoration. • The installation of temporary (≤3 years) structures for research, educational or experimental aquaculture gear impacting ≤1,000 SF for indigenous species under the supervision of the CRMC Aquaculture Coordinator. • Suspended cages or bags located wholly below and within the footprint of an existing authorized fixed or floating structure provided no loose lines and there is a vertical clearance of at least 2 feet between the bottom of the gear and the sea floor at MLW. • Shellfish upweller floats not to exceed 160 sf (anchored/berthed only, no piling installation), with a vertical clearance of at least 2 feet between the bottom of the gear and the sea floor at MLW, cannot be located within an FNP or FNP side slope. 	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none"> • New or expansion of existing impoundment(s) or semi-impoundment(s) of water for the culture of holding of motile aquatic organisms. • Permanent and temporary impacts to SAS, including vegetated shallows. • Structures and work for finfish culture. • Aquaculture activities that may obstruct navigation or has the potential for greater than minimal impact on navigation or other existing public uses. • Structures for the culture of non-indigenous species that are not present in the waterbody. <p><u>Eligible for PCN (includes work not eligible for SV):</u></p> <ul style="list-style-type: none"> • Activities with in-water ropes, lines and chains including, but not limited to, vertical drop lines, horizontal longlines or suspended gear for the rearing of shellfish or seaweed. • Cages, racks, trays, netting or other structures floating on the water surface or >3-acres on the ocean bottom used to contain, cultivate or depurate shellfish. • Activities that involve a change from bottom gear or culture to floating or suspended gear.

- Land-based shellfish hatchery or nursery intake and/or outlet provided diameter is ≤ 3 inches and properly screened to prevent entrainment or impingement of aquatic organisms.

An SVNF is not required if reviewed by CRMC. If the project is not reviewed by CRMC, an SVNF is required.

Notes:

1. The Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990 defined: (a) nonindigenous species as “any species or other viable biological material that enters an ecosystem beyond its historic range, including any such organism transferred from one country into another”; and (b) aquatic nuisance species as “a nonindigenous species that threatens the diversity or abundance of native species or the ecological stability of infested waters, or commercial, agricultural, aquacultural, or recreational activities dependent upon such waters.”
2. Where a threshold identifies permanent and temporary impacts, the threshold limit applies to the combined impact quantities of both categories.

GP 21. TEMPORARY FILL NOT ASSOCIATED WITH A REGULATED GENERAL PERMIT ACTIVITY

Temporary discharges, such as sandbag/earth cofferdams, access fills, etc., necessary for construction activities, dewatering of construction sites, and temporary flood control for storm events.

See Section VI – Definitions: SF = Square Feet. SVNF = Self-Verification Notification Form.

Applies to: Section 404; non-tidal waters of the U.S.

SELF-VERIFICATION (SV)	PRE-CONSTRUCTION NOTIFICATION (PCN)
<p><u>Not eligible for SV (PCN or individual permit required):</u></p> <ul style="list-style-type: none">• Temporary impacts >5,000 SF in non-tidal waters, including wetlands.• Temporary impacts within a vernal pool depression located within waters of the U.S. <p><u>Eligible for SV (see below for SVNF requirements):</u></p> <ul style="list-style-type: none">• Temporary impacts ≤5,000 SF in non-tidal waters, including wetlands. <p>An SVNF submittal to USACE is required.</p>	<p><u>Not eligible for PCN (individual permit required):</u></p> <ul style="list-style-type: none">• Temporary impacts >1 acre in non-tidal waters, including wetlands. <p><u>Eligible for PCN:</u></p> <ul style="list-style-type: none">• Temporary impacts ≤ 1 acre in non-tidal waters, including wetlands.

Note: Temporary construction mats of any area necessary to conduct activities do not count towards the impact thresholds and should be removed as soon as work is completed.

SECTION IV - GENERAL CONDITIONS

- 1. Other Permits.** Authorizations provided by these General Permits (GPs) do not obviate the need for project proponents to obtain other Federal, State, or local permits, approvals, or authorizations required by law. Applicants are responsible for applying and obtaining all such permits, approvals, or authorizations. Work that is not regulated by the State, but subject to USACE jurisdiction, may still be eligible for these GPs.
- 2. Single and Complete Projects.** The term “single and complete project” is defined at 33 CFR 330.2(i) as the total project proposed or accomplished by one owner/developer or partnership or other association of owners/developers. The PGPs shall not be used for piecemeal work and shall be applied to single and complete projects.

 - a.** For non-linear projects, a single and complete project must have independent utility. Portions of a multi-phase project that depend upon other phases of the project do not have independent utility. Phases of a project that would be constructed, even if the other phases were not built, can be considered as separate single and complete projects with independent utility.
 - b.** Unless USACE determines the activity has independent utility, all components of a single project and/or all planned phases of a multi-phased project (e.g., subdivisions should include all work such as roads, utilities, and lot development) shall be treated together as constituting one single and complete project.
 - c.** For linear projects such as power lines or pipelines with multiple crossings, a “single and complete project” is all crossings of a single water of the U.S. (i.e., single waterbody) at a specific location. For linear projects crossing a single waterbody several times at separate and distant locations, each crossing is considered a single and complete project. However, individual channels in a braided stream or river, or individual arms of a large, irregularly shaped wetland or lake, etc., are not separate waterbodies, and crossings of such features cannot be considered separately.
- 3. Use of Multiple General Permits.** The use of more than one GP for a single and complete project is prohibited, except when the acreage loss of waters of the U.S. authorized by the GPs does not exceed the acreage limit of the GPs with the highest specified acreage limit. For example, if a road crossing over waters is constructed under GP 19, with an associated utility line crossing authorized by GP 6, if the maximum acreage loss of waters of the U.S. for the total project is ≥ 1 acre it shall be evaluated as an IP.
- 4. Environmental Functions and Values.** The permittee shall make every reasonable effort to carry out the construction or operation of the work authorized herein in a manner that minimizes any adverse impacts on existing fish, wildlife, and the environmental functions to the extent practicable.
- 5. Avoidance, Minimization, and Compensatory Mitigation**

 - a.** Avoid and Minimize: Activities must be designed and constructed to avoid and minimize adverse effects, both temporary and permanent, to waters of the U.S. to the maximum extent practicable at the project site. Avoidance and minimization is required to the extent

necessary to ensure that the adverse effects to the aquatic environment (both area and function) are no more than minimal.

b. Applicants should consider riparian/forested buffers for stormwater management and low impact development (LID) best management practices (BMPs) to reduce impervious cover and manage stormwater to minimize impacts to the maximum extent practicable.

c. Compensatory mitigation¹: for effects to waters of the U.S., which are unavoidable and have been minimized to the greatest extent practicable, including direct, secondary, and temporal², will generally be required for projects with permanent impacts that exceed the SV area limits, and may be required for temporary impacts that exceed the SV area limits. Proactive restoration projects or temporary impact work with no secondary effects may generally be excluded from this requirement.

6. Water Quality. Permittees shall satisfy any conditions imposed by the State of Rhode Island and EPA, where applicable, in their Clean Water Act Section 401 Water Quality Certification (WQC) for these GPs, or in any Individual Section 401 WQC. See Appendix C for state-specific contact info and to determine if any action is required to obtain a 401 WQC. The Corps may require additional water quality management measures to ensure that the authorized activity does not cause or contribute to a violation of water quality standards. All projects authorized by these GPs shall be designed, constructed, and operated to minimize or eliminate the discharge of pollutants.

7. Coastal Zone Management. Permittees shall satisfy any additional conditions imposed by the State of Rhode Island in their Coastal Zone Management (CZM) Act of 1972 consistency concurrences for these GPs, or in any Individual CZM consistency concurrences. The Corps may require additional measures to ensure that the authorized activity is consistent with state coastal zone management requirements.

8. Federal Threatened and Endangered Species

a. No activity is authorized by these GPs which:

(1) Is likely to directly or indirectly jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act (ESA), or which will directly or indirectly destroy or adversely modify the critical habitat or proposed critical habitat of such species.

(2) “May affect” a listed species or critical habitat, unless Section 7 consultation addressing the effects of the proposed activity has been completed.

(3) Is “likely to adversely affect” a listed species or critical habitat unless Section 7 consultation has been completed by USACE or another lead action agency in coordination with

¹ Compensatory mitigation projects provided to offset losses of aquatic resources must comply with the applicable provisions of 33 CFR 332. Also reference the New England District Compensatory Mitigation Guidance at <http://www.nae.usace.army.mil/Missions/Regulatory/Mitigation.aspx>

² Temporal loss: The time lag between the losses of aquatic resource functions caused by the permitted impacts and the replacement of aquatic resource functions at the compensatory mitigation site(s) (33 CFR 332.2).

USACE.

- (4) Violates the ESA.

9. National Lands. Activities that impinge upon the value of any National Wildlife Refuge, National Forest, National Marine Sanctuary, or any area administered by the National Park Service, U. S. Fish and Wildlife Service (USFWS) or U.S. Forest Service are not eligible for SV and will require either a PCN or an Individual Permit.

10. Wild and Scenic Rivers. No activity may occur in a component of the National Wild and Scenic River System, or in a river officially designated by Congress as a “study river”, unless the appropriate Federal agency with direct management responsibility for such river, has determined in writing that the proposed activity will not adversely affect the Wild and Scenic River designation or study status. Information on Wild and Scenic Rivers may be obtained from the appropriate Federal land management agency responsible for the designated Wild and Scenic River or study river (e.g., National Park Service, U.S. Forest Service, Bureau of Land Management, USFWS). See <https://www.rivers.gov/rhode-island.php> for additional information.

11. Historic Properties. No undertaking shall cause effects (defined at 33 CFR 325 Appendix C and 36 CFR 800) to properties listed on, determined to be eligible for listing on, or potentially eligible for listing on the National Register of Historic Places³, including previously unknown historic properties within the permit area, unless USACE or another Federal action agency has satisfied the consultation requirements of Section 106 of the National Historic Preservation Act (NHPA). The State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer (THPO) and the National Register of Historic Places can assist with locating information on:

- a. Previously identified historic properties; and
- b. Areas with potential for the presence of historic or cultural resources, which may require identification and evaluation by qualified historic preservation and/or archaeological consultants or tribal entities in consultation with USACE and the SHPO and/or THPO(s).

12. Activities Affecting Structures or Works Built by the United States.

- a. USACE projects and property can be found at:
www.nae.usace.army.mil/Missions/Civil-Works

- b. In addition to any authorization under these GPs, proponents must contact the USACE Real Estate Division at (978) 318-8585 for work occurring on or potentially affecting USACE properties and/or USACE controlled easements to initiate reviews and determine what real estate instruments are necessary to perform work. Permittees may not commence work on USACE properties and/or USACE-controlled easements until they have received any required USACE real estate documents evidencing site-specific permission to work.

- c. Any proposed temporary or permanent modification or use of a Federal project (including but not limited to a levee, dike, floodwall, channel, anchorage, seawall, bulkhead, jetty, wharf, pier or other work built but not necessarily owned by the United States), or any use

³ Many historic properties are not listed on the National Register of Historic Places and may require identification and evaluation by qualified historic preservation and/or archaeological consultants in consultation with USACE and the SHPO and/or THPO.

which would obstruct or impair the usefulness of the Federal project in any manner, and/or would involve changes to the authorized Federal project's scope, purpose, and/or functioning, is not eligible for SV and will also require review and approval by USACE pursuant to Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408) (Section 408)

d. A PCN is required for all work in, over, under, or within three times the authorized depth of a USACE Federal Navigation Project (FNP) and may also require permission under Section 408.

e. Any structure or work that extends closer than three times the project's authorized depth to the horizontal limits of any FNP shall be subject to removal at the owner's expense prior to any future USACE dredging or the performance of periodic hydrographic surveys.

f. Where a Section 408 permission is required, written verification for the PCN will not be issued prior to the decision on the Section 408 permission request.

13. Navigation.

a. No activity may cause more than a minimal adverse effect on navigation.

b. Any safety lights and signals prescribed by the U.S. Coast Guard, must be installed, and maintained at the permittee's expense on authorized facilities in navigable waters of the U.S.

c. Any structure or work that extends closer to the horizontal limits of any USACE Federal Navigation Project than three times the project's authorized depth shall be subject to removal at the owner's expense prior to any future USACE dredging or the performance of periodic hydrographic surveys. This is applicable to SV eligible and PCN activities.

d. There shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein, and no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters at or adjacent to the activity authorized herein.

e. The permittee understands and agrees that if future U.S. operations require the removal, relocation, or other alteration of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or their authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from USACE, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the U.S. No claim shall be made against the U.S. on account of any such removal or alteration.

f. A PCN is required for all work in, over or under an FNP or its buffer zone unless otherwise indicated in Appendix A as the work may also require a Section 408 permit.

14. Permit and Verification Letter On-Site. For PCN projects, the permittee shall ensure that a copy of these GPs and the accompanying authorization letter are at the work site (and the project office) whenever work is being performed, and that all personnel with operational control of the site ensure that all appropriate personnel performing work are fully aware of its terms and conditions. The entire permit authorization shall be made a part of all contracts and sub-contracts for work that affects areas of USACE jurisdiction at the site of the work authorized by these GPs. This shall be achieved by including the entire permit authorization in the specifications for work. The term "entire permit authorization" means these GPs, including GCs and the authorization letter (including its drawings, plans, appendices, and other attachments) and includes permit

modifications. If the authorization letter is issued after the construction specifications, but before receipt of bids or quotes, the entire permit authorization shall be included as an addendum to the specifications. If the authorization letter is issued after receipt of bids or quotes, the entire permit authorization shall be included in the contract or sub-contract as a change order. Although the permittee may assign various aspects of the work to different contractors or sub-contractors, all contractors and sub-contractors shall be obligated by contract to comply with all environmental protection provisions contained within the entire authorization letter, and no contract or sub-contract shall require or allow unauthorized work in areas of USACE jurisdiction

15. Storage of Seasonal Structures. Coastal structures, such as pier sections and floats, that are removed from the waterway for a portion of the year shall be stored in an upland location, located above MHW and not in tidal wetlands. These seasonal structures may be stored on the fixed, pile-supported portion of the structure that is seaward of MHW. This is intended to prevent structures from being stored on the marsh substrate and the substrate seaward of MHW.

16. Pile Installation and Removal. Derelict, degraded, or abandoned piles and sheet piles in navigable waters, except for those inside of existing work footprints for piers, must be completely removed or cut and/or driven minimize turbidity and sedimentation impacts. Removed piles shall be disposed of in an upland location landward of MHW or OHW and not in wetlands, tidal wetlands, or mudflats.

Descriptions of Pile Removal methods:

- a. Direct Pull: Each piling is wrapped with a choker cable or chain that is attached at the top to a crane. The crane then pulls the piling directly upward, removing the piling from the sediment.
- b. Vibratory Pull: The vibratory hammer is a large mechanical device (5-16 tons) that is suspended from a crane by a cable. The vibrating hammer loosens the piling while the crane pulls up.
- c. Clamshell Pull: This can remove intact, broken, or damaged pilings. The clamshell bucket is a hinged steel apparatus that operates like a set of steel jaws. The bucket is lowered from a crane and the jaws grasp the piling stub as the crane pulls up. The size of the clamshell bucket is minimized to reduce turbidity during piling removal.

17. Time-of-Year Work (TOY) Windows/Restrictions. In-water work shall be conducted during the following TOY work windows (work allowed) under SV and any in-water work proposed during the following TOY restrictions (no work) shall be reviewed under PCN (and shall contain written justification for deviation from the work allowed windows). The term “in-water work” does not include conditions where the work site is “in-the-dry” (e.g., intertidal areas exposed at low tide). The term also does not include work contained in a cofferdam so long as the cofferdam was installed and subsequently removed within the work allowed window.

	<u>TOY Restriction (<i>no work</i>)</u>	<u>TOY Work Window (<i>work allowed</i>)</u>
Non-tidal waters	Nov. 1 st to Jul. 14 th	Jul. 1 st to Oct. 31 st *
Tidal waters	Feb. 1 st to Oct. 14 th	Oct. 15 th to Jan. 31 st *

*RI DEM may place additional constraints to protect anadromous species in the fall. Note that for each of the specific RI General Permits where work in anadromous fish runs occur, we also prohibit unconfined or sediment-generating activities between March 1 and June 30. This restriction is encompassed by the windows above.

Alternate work windows proposed under PCN will generally be coordinated with the U.S. Fish and Wildlife Service, National Marine Fisheries Service, Maine Department of Inland Fisheries and Wildlife, and/or Maine Department of Marine Resources and resulting written verifications may include species-specific work allowed windows.

18. Heavy Equipment in Wetlands or Mudflats. Operating heavy equipment (drill rigs, fixed cranes, etc.) within wetlands shall be minimized, and such equipment shall not be stored, maintained, or repaired in wetlands, to the maximum extent practicable. Where construction requires heavy equipment operation in wetlands, the equipment shall: a) have low ground pressure (typically <6 psi); b) be placed on swamp/construction/timber mats (herein referred to as “construction mats” or “mats”) that are adequate to support the equipment in such a way as to minimize disturbance of wetland soil and vegetation; or c) be operated on adequately dry or frozen wetlands such that shear pressure does not cause subsidence of the wetlands immediately beneath equipment and upheaval of adjacent wetlands. Construction mats are to be placed in the wetland from the upland or from equipment positioned on swamp mats if working within a wetland. Dragging construction mats into position is prohibited. Other support structures that are capable of safely supporting equipment may be used with written USACE authorization. Similarly, the permittee may request written authorization from USACE to waive use of mats during frozen or dry conditions. An adequate supply of spill containment equipment shall be maintained on site. Construction mats should be managed in accordance with the following construction mat best management practices:

- a. Mats should be in good condition to ensure proper installation, use and removal.
- b. Where feasible, place mats in a location that would minimize the amount needed for the wetlands crossing.
- c. Minimize impacts to wetland areas during installation, use, and removal.
- d. Install adequate erosion and sediment controls at approaches to mats to promote a smooth transition to, and minimize sediment tracking onto, mats.
- e. In most cases, mats should be placed along the travel area so that the individual boards are resting perpendicular to the direction of traffic. No gaps should exist between mats. Place mats far enough on either side of the resource area to rest on firm ground.
- f. Provide standard construction mat BMP details to work crews.

19. Temporary Fill

a. Temporary fill, construction mats and corduroy roads shall be **entirely** removed as soon as they are no longer needed to construct the authorized work. Temporary fill shall be placed in its original location or disposed of at an upland site and suitably contained to prevent its subsequent erosion into waters of the U.S.

b. All temporary fill and disturbed soils shall be stabilized to prevent its eroding into waters of the U.S. where it is not authorized. Work shall include phased or staged development

to ensure only areas under active development are exposed and to allow for stabilization practices as soon as practicable. Temporary fill must be placed in a manner that will prevent it from being eroded by expected high flows. A PCN is required for:

- (1) all temporary fill that is in place for >2 years; or
- (2) construction mats filling >5000 SF that are in place for:
 - (i) >1 year when installed during the growing period; or
 - (ii) any portion of more than one growing period when installed outside the growing period. The growing period is from May 1 to October 1 for the purposes of these GPs. A PCN is required for construction mats that involve underlying fill.

c. Unconfined temporary fill authorized for discharge into waters of the U.S. shall consist of material that minimizes impacts to water quality (e.g., washed stone, stone, etc.).

d. Appropriate measures must be taken to maintain normal downstream flows and minimize flooding to the maximum extent practicable when temporary structures, work, and discharges of dredged or fill material, including cofferdams, are necessary for construction activities, access fills, or dewatering of construction sites. Materials shall be placed in a location and manner that does not adversely impact surface or subsurface water flow into or out of the wetland. Temporary fill authorized for discharge into wetlands shall be placed on geotextile fabric or other appropriate material laid on the pre-construction wetland grade where practicable to minimize impacts and to facilitate restoration to the original grade. Construction mats are excluded from this requirement.

e. Construction debris and/or deteriorated materials shall not be located in waters of the U.S.

20. Restoration of Inland Wetland Areas

a. Upon completion of construction, all disturbed wetland areas shall be stabilized with a wetland seed mix containing only plant species native to New England and shall not contain any species listed in the “Invasive and Other Unacceptable Plant Species” Appendix K in the New England District “Compensatory Mitigation Standard Operating Procedures” found at <https://www.nae.usace.army.mil/Missions/Regulatory/Mitigation.aspx>

b. The introduction or spread of invasive plant species in disturbed areas shall be controlled. If swamp or timber mats are to be used, they shall be thoroughly cleaned before re-use.

c. In areas of authorized temporary disturbance, if trees are cut they shall be cut at or above ground level and not uprooted to prevent disruption to the wetland soil structure and to allow stump sprouts to revegetate the work area, unless otherwise authorized.

d. Wetland areas where permanent disturbance is not authorized shall be restored to their original condition and elevation, which under no circumstances shall be higher than the pre-construction elevation. Original condition means careful protection and/or removal of existing soil and vegetation, and replacement back to the original location such that the original soil layering and vegetation schemes are approximately the same, unless otherwise authorized.

21. Bank and Shoreline Stabilization Including Living Shorelines. Projects involving construction or reconstruction/maintenance of bank stabilization structures within USACE jurisdiction should be designed to minimize environmental effects, effects to neighboring properties, scour, etc. to the maximum extent practicable. For example, vertical bulkheads should only be used in situations where reflected wave energy can be tolerated. A revetment is sloped and is typically employed to absorb the direct impact of waves more effectively than a vertical seawall. It typically has a less adverse effect on the beach in front of it, abutting properties and wildlife. For more information on this topic, go to the USACE Coastal Engineering Manual (supersedes the Shore Protection Manual), located at <https://www.nae.usace.army.mil/Missions/Regulatory/Useful-Documents-Forms-and-Publications/>. Select “Corps Coastal Engineering Manual, EM 1110-2-1100” and navigate to Coastal Engineering Manual – Part V, Chapter 7-8, a (2) c.

22. Soil Erosion and Sediment Controls. Appropriate soil erosion and sediment controls⁴ (hereinafter referred to as “controls”) must be used and maintained in effective operating condition during construction. All exposed soil and other fills, as well as any work below the OHW mark or HTL, must be permanently stabilized at the earliest practicable date. Permittees are encouraged to perform work within waters of the U.S. during periods of low-flow or no-flow, or during low tides. Controls in streams should be installed and removed during the same TOY work window when practicable. A PCN is required for controls that encroach: i) >25% of the stream width measured from OHW in non-tidal diadromous streams from March 15 to June 30; or ii) >25% of the waterway width measured from MHW in tidal waters from Feb. 1 to June 30, or >50% of the waterway width measured from MHW in tidal waters from July 1 to Jan. 14. This is to protect upstream fish passage. Proponents must also maintain downstream fish passage throughout the project. These conditions may be modified if specified by USACE in writing.

No dewatering shall occur with direct discharge to waters or wetlands. Excess water in isolated work areas shall be pumped or directed to a sedimentation basin, tank or other dewatering structures in an upland area adequately separated from waters or wetlands where suspended solids shall be removed prior to discharge back into waters or wetlands. All discharge points back into waters and wetlands shall use appropriate energy dissipaters and erosion and sedimentation control BMPs.

Controls shall be removed upon completion of work, but not until all exposed soil and other fills, as well as any work waterward of OHW or the HTL, are permanently stabilized at the earliest practicable date. Sediment and debris collected by these devices shall be removed and placed at an upland location in a manner that will prevent its later erosion into a waterway or wetland. Controls may be left in place if they are biodegradable and flows and aquatic life movements are not disrupted.

⁴Appropriate soil erosion, sediment and turbidity controls include cofferdams, bypass pumping around barriers immediately up and downstream of the work footprint (i.e., dam and pump), installation of sediment control barriers (i.e., silt fence, vegetated filter strips, geotextile silt fences, filter tubes, erosion control mixes, hay bales or other devices) downhill of all exposed areas, stream fords, retention of existing vegetated buffers, application of temporary mulching during construction, phased construction, and permanent seeding and stabilization, etc.

The material within sandbags shall not be released during their removal and trenches must be backfilled as soon as practicable to reduce turbidity impact duration.

23. Aquatic Life Movements and Management of Water Flows. No activity may substantially disrupt the necessary life cycle movements of those species of aquatic life indigenous to the waterbody, including those species that normally migrate through the area, unless the activity's primary purpose is to impound water. Unless otherwise stated, activities impounding water in a stream require a PCN to ensure impacts to aquatic life species are avoided and minimized. All permanent and temporary crossings of waterbodies (e.g., streams, wetlands) shall be:

a. Suitably culverted, bridged, or otherwise designed and constructed to maintain low flows to sustain the movement of those aquatic species; and

b. Properly aligned and constructed to prevent bank erosion or streambed scour both adjacent to and inside the culvert. All wetland crossings shall preserve hydraulic and ecological connectivity between the wetlands on either side of the road.

c. To avoid adverse impacts on aquatic organisms, the low flow channel/thalweg shall remain unobstructed during periods of low flow, except when it is necessary to perform the authorized work.

d. To the maximum extent practicable, the pre-construction course, condition, capacity, and location of open waters must be maintained for each activity, including stream channelization and storm water management activities. The activity must be constructed to withstand expected high flows. The activity must not restrict or impede the passage of normal or high flows unless the primary purpose of the activity is to impound water or manage high flows. The activity may alter the preconstruction course, condition, capacity, and location of open waters if it benefits the aquatic environment (e.g., stream restoration or relocation activities).

e. Recommend new crossings be designed in accordance with the most recent RIDOT Road-Stream Crossing Design Manual. Replacement crossings should refer to the Road-Stream Crossing Design Manual to incorporate as many design practices as possible given site constraints. The Design Manual can be found on the USACE Regulatory website.

24. Spawning, Breeding, and Migratory Areas

a. Jurisdictional activities and impacts such as excavations, discharges of dredged or fill material, and/or suspended sediment producing activities in jurisdictional waters that provide value as fish migratory areas, fish and shellfish spawning or nursery areas, or amphibian and migratory bird breeding areas, during spawning or breeding seasons shall be avoided and minimized to the maximum extent practicable.

b. Jurisdictional activities in waters of the U.S. that provide value as breeding areas for migratory birds must be avoided to the maximum extent practicable. The permittee is responsible for obtaining any "take" permits required under the USFWS's regulations governing compliance with the Migratory Bird Treaty Act or the Bald and Golden Eagle Protection Act. The permittee should contact the appropriate local office of the USFWS to determine if such "take" permits are required for a particular activity.

25. Vernal Pools

a. On projects requiring a PCN, vernal pools must be identified on the plan showing aquatic resource delineations.

b. A PCN is required if a discharge of dredged or fill material is proposed in a vernal pool located within Federal jurisdiction.

c. Adverse impacts to vernal pools should be avoided and minimized to the maximum extent practicable.

26. Invasive and Other Unacceptable Species.

a. The introduction, spread, or the increased risk of invasion of invasive plant or animal species on the project site, into new or disturbed areas, or areas adjacent to the project site caused by the site work shall be avoided. Hence, swamp and timber mats shall be thoroughly cleaned before reuse.

b. Unless otherwise directed by USACE, all applications for PCN inland projects proposing fill in USACE jurisdiction shall include an Invasive Species Control Plan. Additional information can be found at www.nae.usace.army.mil/missions/regulatory/invasive-species and <https://cipwg.uconn.edu/>

27. Fills Within 100-Year Floodplains. The activity shall comply with applicable Federal Emergency Management Agency (FEMA)-approved State of Rhode Island or local floodplain management requirements. Permittees should contact FEMA and/or the State of Rhode Island regarding floodplain management requirements.

28. Stream Work and Crossings, and Wetland Crossings. All stream work and crossings, and wetland crossings must adhere to the Rhode Island Department of Transportation Road-Stream Crossing Design Manual dated August 2021 on the USACE Regulatory website.

29. Inspections. The permittee shall allow USACE to make periodic inspections at any time to ensure that the work is being or has been performed in accordance with the terms and conditions of this permit. The USACE may also require post-construction engineering drawings for completed work or post-dredging survey drawings for any dredging work.

30. Maintenance. The permittee shall maintain the activity authorized by these GPs in good condition and in conformance with the terms and conditions of this permit. This does not include maintenance of dredging projects. Maintenance dredging is subject to the review thresholds in General Permit #7 in Appendix A as well as any conditions included in a written USACE authorization. Maintenance dredging includes only those areas and depths previously authorized and dredged. Some maintenance activities may not be subject to regulation under Section 404 in accordance with 33 CFR 323.4(a)(2).

31. Property Rights. These GPs do not convey any property rights, either in real estate or material, or any exclusive privileges, nor does it authorize any injury to property or invasion of rights or any infringement of federal, state, or local laws or regulations.

32. Transfer of GP Verifications. When the work authorized by these GPs are still in existence at the time the property is transferred, the terms and conditions, including any special conditions, will continue to be binding on the entity or individual who received the authorization,

as well as the new owner(s) of the property. If the permittee sells the property associated with a GP authorization, the permittee may transfer the GP authorization to the new owner by submitting a letter to USACE to validate the transfer. A copy of the GP authorization letter must be attached to the letter, and the letter must include the following statement: “The terms and conditions of these general permits, including any special conditions, will continue to be binding on the new owner(s) of the property”. This letter should be signed by both the seller and new property owner(s).

33. Modification, Suspension, and Revocation. This permit and any individual authorizations issued thereof may either be modified, suspended, or revoked in whole or in part pursuant to the policies and procedures of 33 CFR 325.7; and any such action shall not be the basis for any claim for damages against the United States.

34. Special Conditions. The USACE may impose other special conditions on a project authorized pursuant to this general permit that are determined necessary to minimize adverse environmental effects or based on any other factor of the public interest. These may be based on concerns from the Rhode Island Department of Environmental Management, the Rhode Island Coastal Resources Management Council, or a federal resource agency. Failure to comply with all conditions of the authorization, including special conditions, will constitute a permit violation and may subject the permittee to criminal, civil, or administrative penalties and/or restoration.

35. False or Incomplete Information. If USACE makes a determination regarding the eligibility of a project under this permit, and subsequently discovers that it has relied on false, incomplete, or inaccurate information provided by the permittee, the authorization will not be valid, and the U.S. government may institute appropriate legal proceedings.

36. Abandonment. If the permittee decides to abandon the activity authorized under this GP, unless such abandonment is merely the transfer of property to a third party, he/she may be required to restore the area to the satisfaction of USACE.

37. Enforcement cases. These GPs do not apply to any existing or proposed activity in USACE jurisdiction associated with an on-going USACE or EPA enforcement action, until such time as the enforcement action is resolved or USACE determines that the activity may proceed independently without compromising the enforcement action.

38. Previously Authorized Activities

a. Completed projects that received prior authorization from USACE (via SV or PCN), shall remain authorized in accordance with the original terms and conditions of those authorizations, including their terms, general conditions, and any special conditions provided in a written verification

b. Activities authorized pursuant to 33 CFR Part 330.3 (“Activities occurring before certain dates”) are not affected by these GPs.

39. Duration of Authorization

a. These GPs expire five years from the date issued as listed at the top of the cover sheet. Activities authorized by these GPs that have either commenced (i.e., are under construction) or

are under contract to commence will have an additional year from the expiration date to complete the work. The permittee must be able to document to USACE satisfaction that the project was under construction or under contract by the expiration date of these GPs. If work is not completed within the one-year extended timeframe, the permittee must contact USACE. The USACE may issue a new authorization provided the project meets the terms and conditions of the RI GPs in effect at the time.

b. Activities authorized under these GPs will remain authorized until the GP expires, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend, or revoke the authorization in accordance with 33 CFR 325.2(e)(2). Activities completed under the SV or PCN authorizations of these GPs will continue to be authorized after its expiration date.

SECTION V

CONTACTS FOR RHODE ISLAND GENERAL PERMIT

U.S. Army Corps of Engineers

New England District, Regulatory Division
696 Virginia Road
Concord, Massachusetts 01742-2751
cenae-r-ri@usace.army.mil
www.nae.usace.army.mil/missions/regulatory.aspx
(800) 343-4789 or (978) 318-8335
(978) 318-8303 (fax)

FEDERAL AGENCY PARTNERS

Federal Endangered Species & EFH

National Marine Fisheries Service
55 Great Republic Drive
Gloucester, MA 01930
christopher.boelke@noaa.gov
www.nmfs.noaa.gov
(978) 281-9102
(978) 281-9301 (fax)

National Park Service

North Atlantic Region
15 State Street
Boston, Massachusetts 02109
jamie_fosburgh@nps.gov
www.nps.gov/rivers/index.html/
(617) 223-5203
(Wild & Scenic Rivers)

STATE OF RHODE ISLAND

Rhode Island Department of Environmental Management (RIDEM)

Office of Water Resources
235 Promenade Street
Providence, Rhode Island 02908
Ron.gagnon@dem.ri.gov
(401) 222-6820
(401) 222-3564 (fax)

Federal Endangered Species (F&WS):

U.S. Fish and Wildlife Service
70 Commercial Street, Suite 300
Concord, New Hampshire 03301-5087
maria_tur@fws.gov
www.fws.gov
(603) 223-2541

U.S. Environmental Protection Agency Region I – New England

5 Post Office Square, Suite 100
Boston, Massachusetts 02109
sachs.eric@epa.gov
www.epa.gov/owow/wetlands/
(617) 918-1741

Rhode Island Coastal Resources Management Council (CRMC)

Oliver Stedman Government Center
4808 Tower Hill Road
Wakefield, Rhode Island 02879-1900
Cstaff1@crmc.ri.gov
www.crmc.ri.gov
(401) 783-3370
(401) 783-3767 (fax)

HISTORIC RESOURCES

Archaeological Information

Rhode Island Historical Preservation &
Heritage Commission
150 Benefit Street
Providence, Rhode Island 02908
hphc.info@preservation.ri.gov
<http://www.preservation.ri.gov/>
(401) 222-2678
(401) 222-2968 (fax)

Tribal Historic Preservation Officer

Tribal Historic Preservation Office
Narragansett Tribe
P.O. Box 268
Charlestown, RI 02813
tashtesook@aol.com;
coradot@yahoo.com;
coradot@gmail.com
<https://narragansettindiannation.org/>
(401) 364-1100
(401) 364-1104 (fax)

Bettina Washington
Tribal Historic Preservation Officer
Wampanoag Tribe of Gay Head (Aquinnah)
20 Black Brook Road
Aquinnah, MA 02535
bettina@wampanoagtribe.net
(508) 645-9265

SECTION VI - DEFINITIONS

Artificial Reef: A structure which is constructed or placed in waters for the purpose of enhancing fishery resources and commercial and recreational fishing opportunities.

Boating facilities: These provide, rent or sell mooring space, such as marinas, boat/yacht clubs, boat yards, dockminiums, town facilities, etc. Not classified as boating facilities are piers shared between two abutting properties or town mooring fields that charge an equitable user fee based on the actual costs incurred.

Compensatory mitigation: The restoration (re-establishment or rehabilitation), establishment (creation), enhancement, and/or, in limited circumstances, preservation of aquatic resources for the purposes of offsetting unavoidable adverse impacts which remain after all appropriate and practicable avoidance and minimization has been achieved.

Construction mats: Construction, swamp and timber, mats are generic terms used to describe structures that distribute equipment weight to prevent wetland damage while facilitating passage and providing work platforms for workers and equipment. They are comprised of sheets or mats made from a variety of materials in various sizes. A timber mat consists of large timbers bolted or cabled together.

Cumulative Impacts: These are changes in an aquatic ecosystem that are attributable to the collective effect of a number of individual discharges of dredged or fill material. Although the impact of a particular discharge may constitute a minor change in itself, the cumulative effect of numerous such piecemeal changes can result in a major impairment of the water resources and interfere with the productivity and water quality of existing aquatic ecosystems. (40 CFR 230.11(g)(1))

Currently serviceable: Useable as is or with some minor maintenance, but not so degraded as to essentially require reconstruction.

Direct effects: Effects that are caused by the activity and occur at the same time and place.

Discharge of dredged material: Any addition of dredged material into U.S. waters. The term includes, without limitation, the addition of dredged material to a specified discharge site located in U.S. waters and the runoff or overflow from a contained land or water disposal area... The term does not include plowing, cultivating, seeding and harvesting for the production of food, fiber, and forest products. The term does not include de minimis, incidental soil movement occurring during normal dredging operations. (33 CFR 323)

Discharge of fill material: The addition of fill material into U.S. waters. The term does not include plowing, cultivating, seeding, and harvesting for the production of food, fiber, and forest products. The term generally includes, without limitation, the following activities:

- a. Placement of fill that is necessary for the construction of any structure in waters of the U.S.;
- b. Building any structure or impoundment requiring rock, sand, dirt, or other material for construction;
- c. Site-development fills for recreational, industrial, commercial, residential, and other uses;
- d. Causeways or road fills;

- e. Dams and dikes;
- f. Artificial islands;
- g. Property protection or reclamation devices such as riprap, groins, seawalls, breakwaters, revetments;
- h. Beach nourishment;
- i. Levees;
- j. Artificial reefs; and
- k. Fill for structures such as sewage treatment facilities, intake and outfall pipes associated with power plants and subaqueous utility lines. (33 CFR 323)

Dredged material: Material that is excavated or dredged from U.S. waters. (33 CFR 323)

Enhancement: The manipulation of the physical, chemical, or biological characteristics of an aquatic resource to heighten, intensify, or improve a specific aquatic resource function(s). Enhancement results in the gain of selected aquatic resource function(s), but may also lead to a decline in other aquatic resource function(s). Enhancement does not result in a gain in aquatic resource area.

Ephemeral stream: A stream with flowing water only during, and for a short duration, after precipitation events in a typical year. Ephemeral stream beds are located above the water table year-round. Groundwater is not a source of water for the stream. Runoff from rainfall is the primary source of water for stream flow.

Establishment (creation): The manipulation of the physical, chemical, or biological characteristics to develop an aquatic resource that did not previously exist at an upland site. Establishment results in a gain in aquatic resource area.

Expansions: Work that increases the footprint of fill, depth of basin or drainage feature, structures, or floats, or slip capacity.

Federal navigation projects (FNPs): These areas are maintained by the Corps; authorized, constructed and maintained on the premise that they will be accessible and available to all on equal terms; and are comprised of Corps Federal anchorages, Federal channels, and Federal turning basins. Information, including the limits, is provided at <http://www.nae.usace.army.mil/Missions/Navigation.aspx>

Fill material: Any material used for the primary purpose of replacing an aquatic area with dry land or of changing the bottom elevation of a waterbody. The term does not include any pollutant discharged into the water primarily to dispose of waste. (33 CFR 323)

FNP Buffer Zone: The buffer zone of a Corps FNP is equal to three times the authorized depth of the FNP. For additional information see <http://www.nae.usace.army.mil/Missions/Navigation/Rhode-Island-Projects/>

High Tide Line (HTL): The line of intersection of the land with the water's surface at the maximum height reached by a rising tide. The high tide line may be determined, in the absence of actual data, by a line of oil or scum along shore objects, a more or less continuous deposit of fine shell or debris on the foreshore or berm, other physical markings or characteristics, vegetation lines, tidal gages, or other suitable means that delineate the general height reached by a rising tide. The line encompasses spring high tides and other high tides

that occur with periodic frequency but does not include storm surges in which there is a departure from the normal or predicted reach of the tide due to the piling up of water against a coast by strong winds. (33 CFR 328). Refer to the highest predicted tide for the current year at the nearest NOAA tide gage at either Newport or

Providence.<https://tidesandcurrents.noaa.gov/map/index.html?type=active®ion=Rhode%20Island>

Historic Property: Any property listed or eligible for listing in the National Register of Historic Places. (33 CFR 325)

Indirect effects: Effects that are caused by the activity and are later in time or farther removed in distance but are still reasonably foreseeable.

Individual Permit: A Department of the Army authorization that is issued following a case-by-case evaluation of a specific project in accordance with the procedures of the applicable regulation and 33 CFR Part 325, and a determination that the proposed structure or work is in the public interest pursuant to 33 CFR Part 320. (33 CFR 322)

Intermittent stream: An intermittent stream has flowing water during certain times of the year, when groundwater provides water for stream flow. During dry periods, intermittent streams may not have flowing water. Runoff from rainfall is a supplemental source of water for stream flow.

Living Shoreline: A term used to describe a low-impact approach to shoreline protection that integrates natural coastal features to restore, enhance, maintain, or create natural coastal or riparian habitat, functions, and processes while also functioning to mitigate flooding or shoreline erosion.

Maintenance:

- a. The repair, rehabilitation, or in-kind replacement of any previously authorized, currently serviceable structure or fill, or of any currently serviceable structure or fill authorized by 33 CFR 330.3 – “Activities occurring before certain dates,” provided that the structure or fill is not to be put to uses differing from those uses specified or contemplated for it in the original permit or the most recently authorized modification.
 - Minor deviations in the structure’s configuration or filled area, including those due to changes in materials, construction techniques, or current construction codes or safety standards that are necessary to make repair, rehabilitation, or replacement are authorized.
 - Currently serviceable means useable as is or with some maintenance, but not so degraded as to essentially require reconstruction.
 - No seaward expansion for bulkheads or any other fill activity is considered SV maintenance.
 - Only structures or fills that were previously authorized and are in compliance with the terms and condition of the original authorization can be maintained as a non-regulated activity under 33 CFR 323.4(a)(2).
- b. The state’s maintenance provisions may differ from the Corps and may require reporting and written authorization from the state.
- c. Contact the Corps to determine whether stream crossing replacements require a PCN.

- d. Exempted Maintenance. In accordance with 33 CFR 323.4(a)(2), any discharge of dredged or fill material that may result from any of the following activities is not prohibited by or otherwise subject to regulation under Section 404 of the CWA: “Maintenance, including emergency reconstruction of recently damaged parts, of currently serviceable structures such as dikes, dams, levees, groins, riprap, breakwaters, causeways, bridge abutments or approaches, and transportation structures. Maintenance does not include any modification that changes the character, scope, or size of the original fill design.”

Minor deviations: Deviations in the structure’s configuration or filled area, including those due to changes in materials, construction techniques, or current construction codes or safety standards, which are necessary to make repair, rehabilitation, or replacement are permitted, provided the adverse environmental effects resulting from such repair, rehabilitation, or replacement are minimal.

Navigable waters of the United States: Navigable waters of the United States are those waters that are subject to the ebb and flow of the tide and/or are presently used, or have been used in the past, or may be susceptible for use to transport interstate or foreign commerce (33 CFR Part 329).

Non-tidal Wetlands: A non-tidal wetland is a wetland that is not subject to the ebb and flow of tidal waters, non-tidal wetlands contiguous to tidal waters are located landward of the high tide line (i.e., spring high tide line).

Ocean Waters: An ocean water are those waters of the open seas lying seaward of the base line from which the territorial sea is measured (33 CFR 324.2)

Ordinary High Water Mark (OHW): A line on the shore established by the fluctuations of water and indicated by physical characteristics, or by other appropriate means that consider the characteristics of the surrounding areas. (33 CFR 328.3(e))

Perennial stream: A perennial stream has flowing water year-round during a typical year. The water table is located above the stream bed for most of the year. Groundwater is the primary source of water for stream flow. Runoff from rainfall is a supplemental source of water for stream flow.

Practicable: Available and capable of being done after taking into consideration cost, existing technology, and logistics in light of overall project purposes.

Preservation: The removal of a threat to, or preventing the decline of, aquatic resources by an action in or near those aquatic resources. This term includes activities commonly associated with the protection and maintenance of aquatic resources through the implementation of appropriate legal and physical mechanisms. Preservation does not result in a gain of aquatic resource area or functions.

Re-establishment: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former aquatic resource. Re-establishment results in rebuilding a former aquatic resource and results in a gain in aquatic resource area.

Rehabilitation: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of repairing natural/historic functions to a degraded aquatic resource.

Rehabilitation results in a gain in aquatic resource function but does not result in a gain in aquatic resource area.

Restoration: The manipulation of the physical, chemical, or biological characteristics of a site with the goal of returning natural/historic functions to a former or degraded aquatic resource. For the purpose of tracking net gains in aquatic resource area, restoration is divided into two categories: reestablishment and rehabilitation.

Secondary effects: These are effects on an aquatic ecosystem that are associated with a discharge of dredged or fill materials, but do not result from the actual placement of the dredged or fill material. Information about secondary effects on aquatic ecosystems shall be considered prior to the time final Section 404 action is taken by permitting authorities. Some examples of secondary effects on an aquatic ecosystem are a) aquatic areas drained, flooded, fragmented, or mechanically cleared, b) fluctuating water levels in an impoundment and downstream associated with the operation of a dam, c) septic tank leaching and surface runoff from residential or commercial developments on fill, and d) leachate and runoff from a sanitary landfill located in waters of the U.S. (40 CFR 230.11(h))

Shellfish dredging: Shellfish dredging typically consists of a net on a frame towed behind a boat to capture shellfish and leave the sediment behind. Dredges may skim the surface, utilize hydraulic jets, toothed rakes, or suction apparatus.

Special aquatic sites (SAS): These include tidal and non-tidal wetlands, mud flats, vegetated shallows (submerged aquatic vegetation), sanctuaries and refuges, coral reefs, and riffle and pool complexes. These are defined at 40 CFR 230.3 and listed in 40 CFR 230 Subpart E.

Stream bed: The substrate of the stream channel between the OHW marks. The substrate may be bedrock or inorganic particles that range in size from clay to boulders. Wetlands contiguous to the streambed, but outside of the OHW marks, are not considered part of the streambed.

Stream channelization: The manipulation of a stream's course, condition, capacity, or location that causes more than minimal interruption of normal stream processes. A channelized stream remains a water of the United States.

Structure: An object that is arranged in a definite pattern of organization. Examples of structures include, without limitation, any pier, boat dock, boat ramp, wharf, dolphin, weir, boom, breakwater, bulkhead, revetment, riprap, jetty, artificial island, artificial reef, permanent mooring structure, power transmission line, permanently moored floating vessel, piling, aid to navigation, or any other manmade obstacle or obstruction.

Temporary impacts: Temporary impacts include waters of the U.S. that are temporarily filled, flooded, excavated, drained, or mechanically cleared because of the regulated activity.

Tidal Wetlands: A tidal wetland is a jurisdictional wetland that is inundated by tidal waters. Tidal waters rise and fall in a predictable and measurable rhythm or cycle due to the gravitational pulls of the moon and sun. Tidal waters end where the rise and fall of the water surface can no longer be practically measured in a predictable rhythm due to masking by other waters, wind, or other effects. Tidal wetlands are located channelward of the high tide line.

Tide gates: Structures such as duckbills, flap gates, manual and self-regulating tide gates, etc. that regulate or prevent upstream tidal flows.

Utility Line: Any pipe or pipeline for the transportation of any gaseous, liquid, liquescent, or slurry substance, for any purpose, and any cable, line, or wire for the transmission for any purpose of electrical energy, telephone, data, and telegraph messages, and radio and television communication. The term utility line does not include activities that drain a water of the U.S., such as drainage tile or French drains, but it does apply to pipes conveying drainage from another area.

Vegetated shallows: Permanently inundated areas that under normal circumstances support communities of rooted aquatic vegetation, such as eelgrass and widgeon grass (*Ruppia maritima*) in marine systems (doesn't include salt marsh) as well as a number of freshwater species in rivers and lakes. Note: These areas are also commonly referred to as submerged aquatic vegetation (SAV).

Vernal pools (VPs): For the purposes of these GPs, VPs are depressional wetland basins that typically go dry in most years and may contain inlets or outlets, typically of intermittent flow. Vernal pools range in both size and depth depending upon landscape position and parent material(s). In most years, VPs support one or more of the following obligate indicator species: wood frog, spotted salamander, blue-spotted salamander, marbled salamander, Jefferson's salamander, and fairy shrimp. However, they should preclude sustainable populations of predatory fish.

Waters of the United States: Waters of the United States are defined in 33 CFR Part 328. These waters include more than navigable waters of the U.S. and are the waters where permits are required for the discharge of dredged or fill material pursuant to Section 404 of the Clean Water Act. Waters of the U.S. include jurisdictional wetlands.

Weir: A barrier across a river designed to alter the flow characteristics. In most cases, weirs take the form of a barrier, smaller than most conventional dams, across a river that causes water to pool behind the structure (not unlike a dam) and allows water to flow over the top. Weirs are commonly used to alter the flow regime of the river, prevent flooding, measure discharge, and help render a river navigable.

SECTION VII

REQUIRED INFORMATION GUIDE FOR PRECONSTRUCTION NOTIFICATION

A. INFORMATION REQUIRED FOR ALL PROJECTS

- The USACE application form (ENG Form 4345) is required. The form can be obtained electronically at <https://www.nae.usace.army.mil/Missions/Regulatory/>. RIDEM and CRMC applications can be substituted for the USACE application form provided they include all the information required below. Submit a copy of the Rhode Island application directly to USACE.
- Drawings or plans that are legible, reproducible, drawn to scale, and no larger than 11x17". Existing and proposed conditions, and plan views and cross sections for all work. Numeric and graphic/bar scales must agree, and plan details must be measurable using a standard engineer's scale on printed plans. Reduced plans are not acceptable. Show the north arrow and wetland and waterway area impacts. Provide a locus map and, if necessary, a plan overview of the entire property with a key index to the individual impact sheets.
- Applicants shall identify all aquatic resources on the project site. They are all presumed to be waters of the U.S. unless an Approved Jurisdictional Determination (AJD) has been obtained from USACE that determines otherwise. Wetlands shall be delineated in accordance with the Corps of Engineers Wetlands Delineation Manual and the most recent Northcentral/Northeast Regional Supplement.
- All anticipated direct, indirect, and secondary impacts, both permanent and temporary, to waters of the U.S. (in wetlands, and waterward of OHW in inland waters and the HTL in coastal waters) in square feet, acres, or linear feet (for stream and bank impacts), and cubic yards or other appropriate units of measure. The USACE New England District's Compensatory Mitigation Standard Operating Procedures document is a resource for assessing secondary impacts (<https://www.nae.usace.army.mil/Missions/Regulatory/Mitigation>).
- Information on historic properties (Sec IV). Information on Federal threatened or endangered species present at the site including a copy of the USFWS IPAC Official Species List, the NOAA Section 7 Species List (Sec IV) and the email address of the person who generated the list.
- Photographs of wetland and/or waterway to be impacted. Photos at low tide are preferred for work in coastal waters.
- Provide any prior permit information that you may have for the project area, e.g., existing USACE permit/file numbers, the names under which the permits were obtained if the permit/file numbers are unknown, construction dates and proof of existence prior to December 1968 (aerials, photos, town hall records, affidavits, state, or local permits, etc.) to verify "grandfathering"
- For any activity that will alter or temporarily or permanently occupy or use a USACE Federally authorized Civil Works project, the PCN must include a statement confirming that the project proponent has submitted a written request for Sec. 408 permission from USACE.

Information that may also be required:

- Purpose and need for the proposed activity.
- Alternatives analysis.
- Schedule of construction activity.
- Location and dimensions of adjacent structures.
- Applicants may be required to describe and identify potential adverse effects of the project on Essential Fish Habitat (refer to the NOAA Fisheries' EFH Mapper).
- Identification of potential discharges of pollutants to waters, including potential impacts to impaired waters, in the project area.
- Whether work will occur behind a temporary cofferdam or whether silt curtains will be deployed during project construction.
- Number and type (drill barge, work boat, tugboat, etc.) of temporary work vessels to be used.
- Number of permanent recreational vessels associated with a coastal structure.
- Number, size (diameter) and type (timber, steel, cement, combination, other) of pilings associated with a project in tidal waters and installation method (vibratory hammer, impact hammer, combination) for such pilings.
- Description of how the project will maintain aquatic organism passage during and after construction.
- An Invasive Species Control Plan. Sample control plans available at <https://www.nae.usace.army.mil/Missions/Regulatory/>
- Wetlands functions and values assessment (Highway Methodology Workbook Supplement)

Information required for dredge activities shall also include:

- Sampling plan requests – submit completed Dredged Material Evaluation checklist found at [Dredged Material Evaluation Checklist, Sampling and Analysis Plan Requirements from Applicant \(army.mil\)](#)
- Whether the work is new, improvement or maintenance dredging and the method of handling/transporting the dredged material.
- Grain-size of material to be dredged (e.g., silty sand). Provide any existing sediment grain size and bulk sediment chemistry data from the proposed project, previous dredging at the site, or from nearby projects.
- Information on any recent spills of oil and/or other hazardous materials and/or nearby outfalls. Document the information source, e.g., EPA database, the harbormaster or fire chief.
- Total footprint of the dredged area when characterizing impact to resources.
- Provide an alternatives analysis to open-water disposal.

B. PLANS FOR ALL PROJECTS SHALL INCLUDE:

- Drawings or plans that are legible, reproducible, drawn to scale, and no larger than 11”x17”. Numeric and graphic/bar scales must agree, and plan details must be measurable using a standard engineer’s scale on printed plans. Reduced plans are not acceptable. Show the north arrow and wetland and waterway area impacts. Provide a locus map and, if necessary, a plan overview of the entire property with a key index to the individual impact sheets.
- Datum in plan and elevation views.
 - The horizontal datum shall be in the NAD 83 Rhode Island State Plane Coordinate System in U.S. survey feet.
 - The vertical data in coastal projects shall be referenced to either MLLW or the North American Vertical Datum of 1988 (NAVD 88). Both the distance and depth units shall be U.S. survey feet. See <https://www.nae.usace.army.mil/Portals/74/docs/regulatory/Forms/VerticalDatumLetter.pdf>
- Existing and proposed conditions, and plan views and cross sections for all work.
- Limits and area (SF) of temporary and permanent fill to be placed in any wetlands or waterway, including construction access and work areas, cofferdams, bedding, and backfill. Show delineation of all wetlands including salt marsh; other special aquatic sites (vegetated shallows, mudflats, riffles and pools, coral reefs, and sanctuaries and refuges); other waters, such as lakes, ponds, vernal pools, and perennial, intermittent, and ephemeral streams; on the project site. Use Federal delineation methods and include USACE wetland delineation data sheets for all wetlands. Vegetated shallow survey guidance is located at <https://www.nae.usace.army.mil/Missions/Regulatory/Jurisdiction-and-Wetlands/>.
- Name and addresses of adjoining property owners on the plan view.
- For typical pipeline cross-sections, the details of the bedding and backfill to be used in wetlands and waters. Show proposed trench dams and detail for inland projects.
- Adjacent Federal navigation project (FNP) (anchorage or channel) and/or state/local navigation projects, distance to them, the authorized depths of the FNP, and state plane coordinates of the seaward end(s) of structures near an FNP.
- Presence or absence of shellfish beds near the site and how such was determined, e.g., personal visual observation, divers, online maps, conversations with local officials, etc. Note: a shellfish survey may be required.

Plans for projects involving structures shall also include:

- The MLLW, MHW and HTL elevations in tidal waters, and OHW in non-tidal navigable waters.
- Water depths around the project in all views.
- Dimensions of the existing and proposed structures. Show the location and dimensions of existing bulkheads and/or shoreline stabilization on adjacent properties and, if applicable, how the proposed work will tie into existing structures.
- For piers and other structures, the minimal height of structures frame above the marsh.
- For floats, the methods of securing them (piles, bottom anchors) and for keeping them off substrate (skids, stops) at low water.
- Any existing structures and moorings in waters adjacent to the proposed activity, their dimensions, and the distance to the limits and coordinates of any proposed mooring field, reconfiguration zone or aquaculture activity. Provide the coordinates for all corners based on the Rhode Island State Plane Coordinate System. Specify the maximum number of slips and/or moorings within proposed reconfiguration zones. If no structures exist or are proposed, state this on the project plans.
- The dimensions of the structure or work and extent of encroachment waterward of MHW and from a fixed point on the shoreline or upland.
- Shoreline of adjacent properties and property boundary offset for structures.
- In narrow waterbodies, the distance to opposite shoreline, waterway width, and structures across from proposed work.
- For reconfiguration zones, the coordinates of the corners and specify the maximum number of slips and/or moorings within the zone.
- A description of the type of vessels that would use the facility, and any plans for sewage pump-out facilities, fueling facilities and contingency plans for oil spills.

Plans for projects involving fill shall also include:

- All locations of discharges of dredged or fill material waterward of the HTL or OHW.
- Describe historic fill previously authorized by USACE, if known, and the date of authorization.
- The MLLW, MHW and HTL elevations in tidal waters, and OHW elevation in non-tidal waters.
- Structures, if any, proposed to be erected on the fill.
- Limits of wetlands (label: wetland boundary) and waterways (labels: OHW or HTL) on all views.
- Limits of temporary and permanent fill to be used in any wetland or waterway, including construction access and work areas, cofferdams, bedding, and backfill.
- Provide a description of the wetlands and aquatic habitats at the site and provide a map of their locations within the project area.

- Description (length, width, flow character, and streambed condition) of any streams at the project site.
- Area (SF) of each fill that is waterward of the OHW in non-tidal waters, waterward of the HTL in tidal waters, and in wetlands. State if the fill is permanent or temporary.
- Disposal site of the excess excavated material. If necessary, submit an additional sheet showing the location of the proposed disposal site. Provide quantity of excess excavated material.
- A statement describing how impacts to waters of the U.S. are to be avoided and minimized. For the remaining impacts, include a statement describing how aquatic resource function is being replaced through compensatory mitigation or explain why compensatory mitigation should not be required for the proposed impacts. Mitigation areas clearly identifying each area and showing the boundaries and SF of each area.
- Summary of any proposed mitigation (<https://www.nae.usace.army.mil/Missions/Regulatory/Mitigation/> for the USACE 2020 Compensatory Mitigation Standard Operating Procedures).

Plans for activities involving dredging shall also include:

- The area (SF) and volume (CY) of material to be dredged waterward of MHW for each dredge location.
- Dredge boundaries, including side slopes.
- Bathymetry for existing, proposed, and historical (include dates and USACE permits) dredge depths
- Whether the dredging is new, maintenance, improvement, or a combination.
- A description of the area to be dredged, i.e., open water, existing channel, wetlands, uplands, etc.
- Location of the disposal site (include location sheet).
- The methods and areas used to retain or prevent dredged material from running back into the wetland or waterway. Provide the capacity of the storage area and points of runback, including the overflow route, into the aquatic system.
- For beach nourishment, identify the disposal footprint, existing and proposed nourishment profiles and/or grain-size of existing material.
- For open-water disposal, explain why inland or beneficial use sites are not practicable.
- Identification and description of any potential impacts to Essential Fish Habitat and threatened or endangered species.

Note: For projects proposing open water, nearshore disposal, or beach nourishment, contact USACE as early as possible for sampling and testing protocols. Sediment testing, including physical (e.g., grain-size analysis), chemical and biological testing may be required. Sampling and testing of sediments without such contact should not occur and if done, will be at the applicant's risk. The information needed to develop a sampling and analysis plan can be found at: <https://www.nae.usace.army.mil/Missions/Regulatory>.

SECTION VIII

RESOURCE AGENCY COORDINATION PROCEDURES

A. FEDERAL THREATENED AND ENDANGERED SPECIES:

1. All applicants shall attach to their SVNF or PCN an Official Species List obtained from the U.S. Fish and Wildlife Service's Information for Planning and Consultation (IPaC) found at: <https://ipac.ecosphere.fws.gov/> and provide the email address of the person who generated the list. SVNF is not required when CRMC is the reviewing state agency.
2. For proposed activities in waters with tidal influence, applicants shall also refer to the National Oceanic and Atmospheric Administration (NOAA) Fisheries' Section 7 Mapper for federally-listed species found at: <https://www.fisheries.noaa.gov/resource/map/greater-atlantic-region-esa-section-7-mapper>
3. A PCN is required if a threatened or endangered species, a species proposed for listing as threatened or endangered, or designated or proposed critical habitat (all hereinafter referred to as "listed species or habitat"), as identified under the ESA, may be affected by the proposed work, unless consultation is completed by another lead Federal agency, in which case, an application can be SV. An activity may remain eligible for SV if the only listed species affected is the northern long-eared bat (*Myotis septentrionalis*), and only after Section 7 consultation has been completed by USACE under the 4(d) Rule Streamlined Consultation.
4. Federal lead agencies shall follow their own procedures for complying with the requirements of the ESA while ensuring that USACE and any other federal action agencies are included in the consultation process.
5. The requirements to comply with Section 7 of the ESA may be satisfied by a programmatic agreement (PA) or programmatic consultation (PC) with USACE, the New England District, or another federal agency.

B. ESSENTIAL FISH HABITAT (EFH)

1. Applicants may be required to describe and identify potential adverse effects to EFH when requested by the USACE or National Marine Fisheries Service (NMFS) and should refer to the NOAA Fisheries' EFH Mapper found at: www.fisheries.noaa.gov/resource/map/essential-fish-habitat-mapper
2. The requirements to comply with the Magnuson-Stevens Fishery Conservation and Management Act may be satisfied by a Programmatic Agreement (PA) or Programmatic Consultation (PC) with the Corps, New England District or another federal agency.

C. HISTORIC PROPERTIES

1. **Section 106 of the National Historic Preservation Act**

a. Federal and federally-sponsored programs and projects are reviewed under Section 106 of the National Historic Preservation Act, which requires federal agencies or applicants for federal funds, permits or licenses to consider the effects of their undertaking on historic properties (i.e., those listed in or eligible to be listed in the National Register of Historic Places).

b. The Rhode Island Historical Preservation & Heritage Commission (RIHPHC) is the state agency for historic preservation and heritage programs. (See Section V for contact information)

2. Notification Requirements for SV:

a. For RIDEM applications: For activities eligible for SV, applicants must document that the activity will have no effect on historic properties or cultural resources. Information on the location and existence of known historic resources can be obtained from the National Register of Historic Places. <https://preservation.ri.gov/historic-places/national-register/listed-properties> Documentation from the National Register shall be included with the SVNF submittal and dated. If a project meets the requirements of SV, no further authorization from USACE is required to proceed with the project. A PCN or IP is required if any activity may have an adverse effect on a historic property or cultural resource.

b. For CRMC applications: For activities eligible for SV, CRMC will notify RI HPHC and the activity is non-reporting to USACE as a PGP if there is a no effect determination. A PCN or IP is required if any activity may have an adverse effect on a historic property or cultural resource.

3. Notification Requirements for PCN:

Applicants must submit a PCN to USACE as soon as possible if the proposed activity may cause effects to historic properties or cultural resources to ensure that USACE is aware of any potential effects of the proposed activity on any historic property or cultural resource so that the consultation requirements of Section 106 of NHPA can be satisfied. All PCN submittals shall:

a. State which historic properties or cultural resources may be affected by the proposed work or include a vicinity map indicating the location of them, and

b. USACE will consult with the RI HPHC and THPOs as appropriate to determine effects to historic properties and cultural resources.

4. If you discover any previously unknown historic, cultural, or archeological remains and artifacts while performing the activity authorized by this permit, you must immediately notify the district engineer of what you have found, and to the maximum extent practicable, avoid construction activities that may affect the remains and artifacts until the required coordination has been completed. The district engineer will initiate the Federal, Tribal, and state coordination required to determine if the items or remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

5. Federal lead agencies should follow their own procedures for complying with the requirements of Section 106 of the NHPA. Along with the application, Federal applicants shall provide USACE with the appropriate documentation to demonstrate compliance with those requirements.

6. Federal and non-federal applicants should coordinate with USACE before conducting any onsite archeological work (reconnaissance, surveys, recovery, etc.) requested by the SHPO or the THPO, as USACE will determine the permit area for the consideration of historic properties based on 33 CFR 325 Appendix C. This is to ensure that work done is in accordance with USACE requirements.

D. WATER QUALITY CERTIFICATIONS

1. Discharge of Pollutants:

- a. All activities involving any discharge of pollutants into waters of the U.S. authorized under these GPs shall be consistent with applicable water quality standards, effluent limitations, standards of performance, prohibitions, and pretreatment standards and management practices established pursuant to the CWA (33 U.S.C. 1251), and applicable state and local laws.
- b. Applicants may presume that State Water Quality Standards are met with the issuance of a 401 WQC or waiver.
- c. Note however, that this permit does not cover point source discharges of pollutants like construction dewatering of contaminated water; separate Federal, State, and Tribal authorizations may be required for point sources.

2. Discharges subject to Section 401 (not covered by a General Permit)

In accordance with Section 401 of the Clean Water Act, any project that may result in a discharge into Waters of the United States requires a WQC.

- a. Hydropower and gas pipeline projects (subject to Federal Energy Regulatory Commission (FERC) licensing)
- b. Projects requiring a permit from the Army Corps of Engineers that are not covered under a General Permit, which may include:
 - (1) New construction or expansion of a marina
 - (2) Fill or dredge in Waters of the U.S.

3. Discharges subject to State WQC Program

Projects that are not subject to a federal permit but have the potential to result in discharge of pollutants into Waters of the State require a State WQC. See <http://www.dem.ri.gov/programs/water/permits/water-quality-certification.php> for more information.



Section IX: Self-Verification Notification Form

This form is required for all projects in Rhode Island unless the project is non-reporting to USACE. At least two weeks before work commences, complete all fields (write “none” if applicable) below, send this form, Official Species List (see Section VIII), site location map, project plans (not required for projects involving the installation of construction mats only) and any State or local approval(s) to:

Regulatory Division, Branch B
U.S. Army Corps of Engineers
696 Virginia Road
Concord, MA 01742-2751
or cenae-r-ri@usace.army.mil

State Application Number if available: _____

Applicant: _____
Address, City, State & Zip: _____
Phone and Email: _____

Agent: _____
Address, City, State & Zip: _____
Phone and Email: _____

Contractor: _____
Address, City, State & Zip: _____
Phone and Email: _____

Project Name: _____
Project Location: (provide detailed description & locus map): _____
Address, City, State & Zip: _____
Lat. ° N, Long ° (Decimal Degrees): _____
Waterway Name: _____

Estimated Work Dates: Start: _____ Finish: _____

Work will be done under the following GPs (circle all that apply):

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----

Area of Wetland Impacts (SF): Permanent: _____ Temporary: _____
Area of Waterway Impacts (SF): Permanent: _____ Temporary: _____
TOTAL Project Impact (SF): Permanent: _____ Temporary: _____

Are the total project impacts within the thresholds of the applicable GP? Yes No*
***If NO, project is not eligible for SV. Contact USACE before proceeding with project.**

Describe the specific work that will be undertaken in waters and wetlands:

Are there any historic properties located in the proposed projects vicinity? Attach supporting information from <https://preservation.ri.gov/historic-places/national-register/listed-properties> Yes No

Are there Federally listed endangered/threatened species present? (Section VIII, refer to the USFWS IPaC list) Yes No

Are vegetated shallows present that can or will be impacted? Yes No

Is there unconfined work with impact to diadromous fish? Yes No

Does work comply with the most recent RIDOT Road-Stream Crossing Design Manual (check YES if not applicable): Yes No

Will your project include any secondary effects? Secondary effects include, but are not limited to, non-tidal waters or wetlands drained, flooded, fragmented, or mechanically cleared resulting from a single and complete project. (Section VI - Definitions)

If YES, describe here:

Your signature below, as permittee, indicates that you accept and agree to comply with the terms, eligibility criteria, and general conditions for Self-Verification under the Rhode Island GPs. Your project may proceed under SV upon receipt of applicable state permits unless otherwise notified by USACE.

Permittee Signature: _____ **Date:** _____

Appendix F
Endangered Species Information



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104

In Reply Refer To:

05/29/2024 13:19:28 UTC

Project Code: 2024-0096433

Project Name: BRIDGE GROUP 44H – NONQUIT POND BRIDGE NO. 292

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

Updated 4/12/2023 - Please review this letter each time you request an Official Species List, we will continue to update it with additional information and links to websites may change.

About Official Species Lists

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Federal and non-Federal project proponents have responsibilities under the Act to consider effects on listed species.

The enclosed species list identifies threatened, endangered, proposed, and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested by returning to an existing project's page in IPaC.

Endangered Species Act Project Review

Please visit the “**New England Field Office Endangered Species Project Review and Consultation**” website for step-by-step instructions on how to consider effects on listed

species and prepare and submit a project review package if necessary:

<https://www.fws.gov/office/new-england-ecological-services/endangered-species-project-review>

NOTE Please do not use the **Consultation Package Builder** tool in IPaC except in specific situations following coordination with our office. Please follow the project review guidance on our website instead and reference your **Project Code** in all correspondence.

Northern Long-eared Bat - (Updated 4/12/2023) The Service published a final rule to reclassify the northern long-eared bat (NLEB) as endangered on November 30, 2022. The final rule went into effect on March 31, 2023. You may utilize the **Northern Long-eared Bat Rangewide Determination Key** available in IPaC. More information about this Determination Key and the Interim Consultation Framework are available on the northern long-eared bat species page:

<https://www.fws.gov/species/northern-long-eared-bat-myotis-septentrionalis>

For projects that previously utilized the 4(d) Determination Key, the change in the species' status may trigger the need to re-initiate consultation for any actions that are not completed and for which the Federal action agency retains discretion once the new listing determination becomes effective. If your project was not completed by March 31, 2023, and may result in incidental take of NLEB, please reach out to our office at newengland@fws.gov to see if reinitiation is necessary.

Additional Info About Section 7 of the Act

Under section 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to determine whether projects may affect threatened and endangered species and/or designated critical habitat. If a Federal agency, or its non-Federal representative, determines that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Federal agency also may need to consider proposed species and proposed critical habitat in the consultation. 50 CFR 402.14(c)(1) specifies the information required for consultation under the Act regardless of the format of the evaluation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/service/section-7-consultations>

In addition to consultation requirements under Section 7(a)(2) of the ESA, please note that under sections 7(a)(1) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species. Please contact NEFO if you would like more information.

Candidate species that appear on the enclosed species list have no current protections under the ESA. The species' occurrence on an official species list does not convey a requirement to

consider impacts to this species as you would a proposed, threatened, or endangered species. The ESA does not provide for interagency consultations on candidate species under section 7, however, the Service recommends that all project proponents incorporate measures into projects to benefit candidate species and their habitats wherever possible.

Migratory Birds

In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see:

<https://www.fws.gov/program/migratory-bird-permit>

<https://www.fws.gov/library/collections/bald-and-golden-eagle-management>

Please feel free to contact us at **newengland@fws.gov** with your **Project Code** in the subject line if you need more information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat.

Attachment(s): Official Species List

Attachment(s):

- Official Species List
- Coastal Barriers

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

PROJECT SUMMARY

Project Code: 2024-0096433

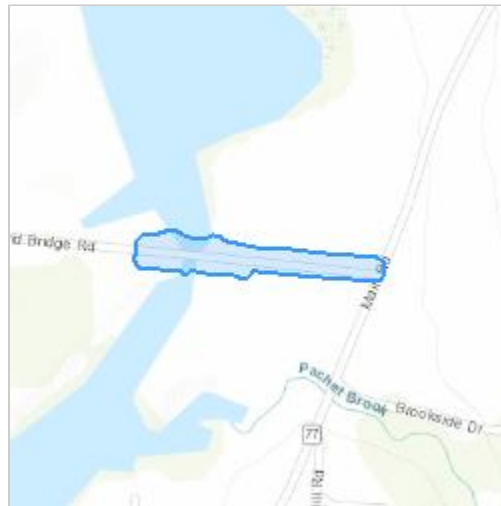
Project Name: BRIDGE GROUP 44H – NONQUIT POND BRIDGE NO. 292

Project Type: Bridge - Replacement

Project Description: The project includes the replacement of Nonquit Pond Bridge No. 292 superstructure and partial removal of the upper portions of the abutments and wingwalls

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.553263900000005,-71.19612237407219,14z>



Counties: Newport County, Rhode Island

ENDANGERED SPECIES ACT SPECIES

There is a total of 3 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

COASTAL BARRIERS

Projects within the [John H. Chafee Coastal Barrier Resources System](#) (CBRS) may be subject to the restrictions on Federal expenditures and financial assistance and the consultation requirements of the Coastal Barrier Resources Act (CBRA) (16 U.S.C. 3501 et seq.). For more information, please contact the local [Ecological Services Field Office](#) or visit the [CBRA Consultations website](#). The CBRA website provides tools such as a flow chart to help determine whether consultation is required and a template to facilitate the consultation process.

SYSTEM UNIT (SU)

*Most new Federal expenditures and financial assistance, including Federal flood insurance, are prohibited within System Units. **Federally-funded projects within System Units require consultation with the Service.** Consultation is not required for projects using private, state, or local funds.*

UNIT	NAME	TYPE	SYSTEM UNIT ESTABLISHMENT DATE	FLOOD INSURANCE PROHIBITION DATE
D02	Fogland Marsh	SU	11/16/1990	11/16/1990

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Chloe Johnson
Address: 1 Cedar Street
Address Line 2: Suite 400
City: Providence
State: RI
Zip: 02903
Email: cnjohnson@vhb.com
Phone: 4012728100



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104

In Reply Refer To:

05/29/2024 13:26:36 UTC

Project code: 2024-0096433

Project Name: BRIDGE GROUP 44H – NONQUIT POND BRIDGE NO. 292

Subject: Consistency letter for the 'BRIDGE GROUP 44H – NONQUIT POND BRIDGE NO. 292' project under the amended February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion (dated March 23, 2023) for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (NLEB).

To whom it may concern:

The U.S. Fish and Wildlife Service (Service) has received your request dated May 29, 2024 to verify that the **BRIDGE GROUP 44H – NONQUIT POND BRIDGE NO. 292** (Proposed Action) may rely on the amended February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion (dated March 23, 2023) for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (PBO) to satisfy requirements under section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 *et seq.*).

Based on the information you provided (Project Description shown below), you have determined that the Proposed Action will have no effect on the endangered Indiana bat (*Myotis sodalis*) or the endangered northern long-eared bat (*Myotis septentrionalis*). If the Proposed Action is not modified, **no consultation is required for these two species**. If the Proposed Action is modified, or new information reveals that it may affect the Indiana bat and/or northern long-eared bat in a manner or to an extent not considered in the PBO, further review to conclude the requirements of ESA section 7(a)(2) may be required.

For Proposed Actions that include bridge/culvert or structure removal, replacement, and/or maintenance activities:

If your initial bridge/culvert or structure assessment failed to detect Indiana bats and/or NLEBs use or occupancy, yet later detected prior to, or during construction, please submit the Post Assessment Discovery of Bats at Bridge/Culvert or Structure Form (User Guide Appendix E) to this Service Office within 2 working days of the incident. In these instances, potential incidental take of Indiana bats and/or NLEBs may be exempted provided that the take is reported to the Service.

If the Proposed Action may affect any other federally-listed or proposed species and/or designated critical habitat, additional consultation between the lead Federal action agency and this Service Office is required. If the proposed action has the potential to take bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act may also be required. In either of these circumstances, please advise the lead Federal action agency accordingly.

The following species may occur in your project area and **are not** covered by this determination:

- Monarch Butterfly *Danaus plexippus* Candidate
- Tricolored Bat *Perimyotis subflavus* Proposed Endangered

PROJECT DESCRIPTION

The following project name and description was collected in IPaC as part of the endangered species review process.

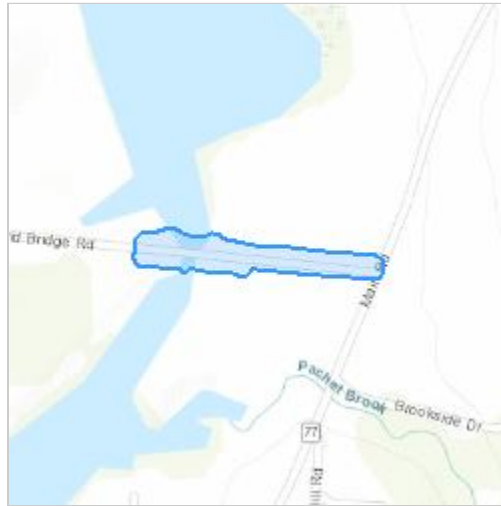
NAME

BRIDGE GROUP 44H – NONQUIT POND BRIDGE NO. 292

DESCRIPTION

The project includes the replacement of Nonquit Pond Bridge No. 292 superstructure and partial removal of the upper portions of the abutments and wingwalls

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.553263900000005,-71.19612237407219,14z>



DETERMINATION KEY RESULT

Based on the information you provided, you have determined that the Proposed Action will have no effect on the endangered Indiana bat and/or the endangered northern long-eared bat.

Therefore, no consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required for these two species.

QUALIFICATION INTERVIEW

1. Is the project within the range of the Indiana bat^[1]?

[1] See [Indiana bat species profile](#)

Automatically answered

No

2. Is the project within the range of the northern long-eared bat^[1]?

[1] See [northern long-eared bat species profile](#)

Automatically answered

Yes

3. [Semantic] Does your proposed action intersect an area where Indiana bats and northern long-eared bats are not likely to occur?

Automatically answered

Yes

DETERMINATION KEY DESCRIPTION: FHWA, FRA, FTA PROGRAMMATIC CONSULTATION FOR TRANSPORTATION PROJECTS AFFECTING NLEB OR INDIANA BAT

This key was last updated in IPaC on October 30, 2023. Keys are subject to periodic revision.

This decision key is intended for projects/activities funded or authorized by the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and/or Federal Transit Administration (FTA), which may require consultation with the U.S. Fish and Wildlife Service (Service) under Section 7 of the Endangered Species Act (ESA) for the endangered **Indiana bat** (*Myotis sodalis*) and the endangered **northern long-eared bat** (NLEB) (*Myotis septentrionalis*).

This decision key should only be used to verify project applicability with the Service's [amended February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion \(dated March 23, 2023\) for Transportation Projects](#). The programmatic biological opinion covers limited transportation activities that may affect either bat species, and addresses situations that are both likely and not likely to adversely affect either bat species. This decision key will assist in identifying the effect of a specific project/activity and applicability of the programmatic consultation. The programmatic biological opinion is not intended to cover all types of transportation actions. Activities outside the scope of the programmatic biological opinion, or that may affect ESA-listed species other than the Indiana bat or NLEB, or any designated critical habitat, may require additional ESA Section 7 consultation.

IPAC USER CONTACT INFORMATION

Agency: Private Entity
Name: Chloe Johnson
Address: 1 Cedar Street
Address Line 2: Suite 400
City: Providence
State: RI
Zip: 02903
Email: cnjohnson@vhb.com
Phone: 4012728100

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Rhode Island Department of Transportation

Tricolored Bat

(*Perimyotis subflavus*)

TCB DESCRIPTION:

The tricolored bat (TCB) is between 3" and 3.5" long with a wingspan of 8" to 10". TCB is distinguished by its unique tricolored fur that appears dark at the base, lighter in the middle and dark at the tip. The TCB often appears yellowish, varying from pale yellow to nearly orange, but may also appear silvery-gray, chocolate brown or black. TCB are nocturnal, they are active at night and sleep during the day.



TCB by Pete Pattavina USFWS

PROTECTION:

TCB populations have been decimated by White-Nose Syndrome, a fungal disease that affects bats during hibernation. When a species experiences a significant population decline and is determined to be at risk, it may be listed under the Endangered Species Act (ESA). The TCB is proposed as endangered under the ESA. Endangered species are in danger of

becoming extinct. This listing provides special protections for TCB, which are intended to help the population recover.

HABITAT:

TCB habitat is found throughout Rhode Island. TCB hibernate in caves and mines called hibernacula during winter. TCB swarm in wooded areas surrounding hibernacula in fall. During late spring and summer TCB roost and forage in upland forests. During the day TCB roost under bark and in tree crevices of both live trees and snags (dead trees). TCB sometimes also roost in caves and structures, like buildings and bridges.

RI DOT CONSERVATION MEASURES:

RIDOT incorporates conservation measures into projects to protect the TCB. The specific conservation measures for each project are found in the contract documents. Dead and sick bats of any species must immediately be reported to the RIDOT Natural Resources Unit (NRU), call 401-479-1327. Contact the RIDOT NRU for an explanation of TCB conservation measures.

MORE TCB INFORMATION:

To learn more about the TCB visit the USFWS website and search for the species by name.

FHWA Programmatic Consultation Avoidance and Mitigation Measure (AMM) 1: Ensure all operators, employees, and contractors working in areas of known or presumed bat habitat are aware of all environmental commitments, including all applicable AMMs.



Northern Diamondback Terrapin

Rhode Island State Endangered Species

Scientific Name: *Malaclemys t. terrapin*

Size: Males: 4-5.5 inches (10.2-14 cm) in length

Females: 6-9 inches (15.2-22.9 cm) in length

Habitat Type:

The Northern diamondback terrapin is the only species of turtle in North America, including Rhode Island, that spends its life in brackish water (water that is less salty than sea water) which includes salt marshes, estuaries, and tidal creeks. Terrapins overwinter in the mud of tidal creeks and in salt marshes, with hatchlings often overwintering in the uplands near their nest. If a safety boat or barge is to be used, be aware of turtles possibly mating within the project area and proceed slowly when in tidal areas. Nests are constructed on the sandy borders of salt marshes and in dunes.

Colorations (see Appendix A):

- The terrapin has both a dark and light variation. Both variations have carapaces (top of shell) patterned with concentric rings or ridges.
 - The dark variant has a completely black carapace with a yellow to off-white plastron (bottom chest plate). Their heads are gray to off-white with small black spots or streaks and their legs are dark gray to black.
 - The lighter variant has a gray to light brown carapace with yellow to greenish gray plastrons. Their heads are gray with small pepper-like gray spots and their legs are gray.
- The plastron may or may not be marked with bold, dark markings.
- The limbs and head may be spotted.
- Hatchlings are patterned similar to adults but are brighter.

Characteristics (see Appendix A):

- Small marine turtle. They spend their entire lives in a brackish environment.
- The carapace is wedge-shaped when viewed from above, with the widest part in the rear. They have raised ridges alongside the upper shell that runs from front to the back.
- They have large, webbed feet.
- They are most often found in the water column with the head above the water. They are often seen with the head rising above the water's surface for a brief time before resubmerging under water.

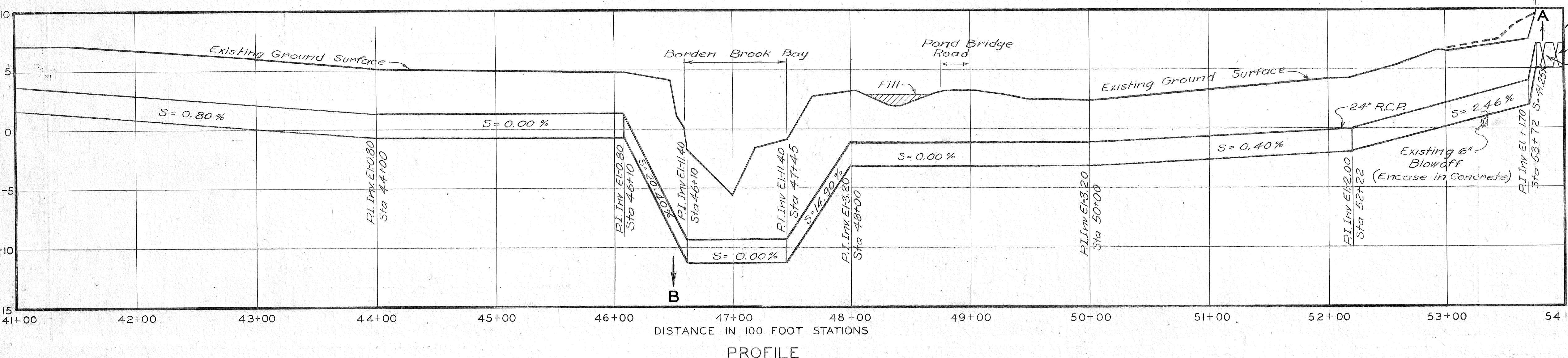
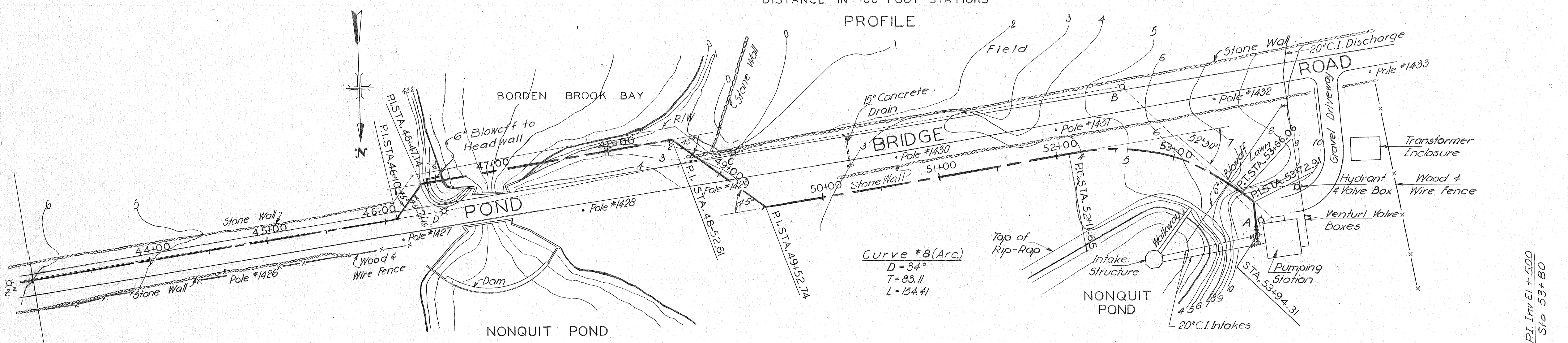
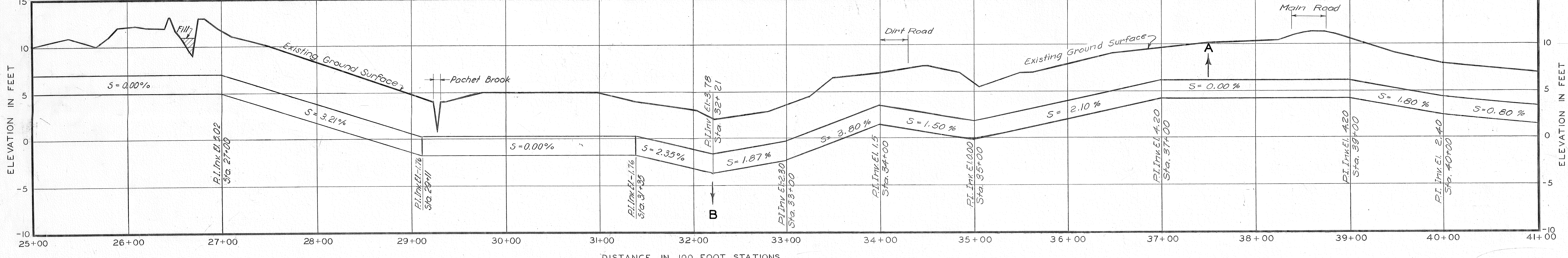
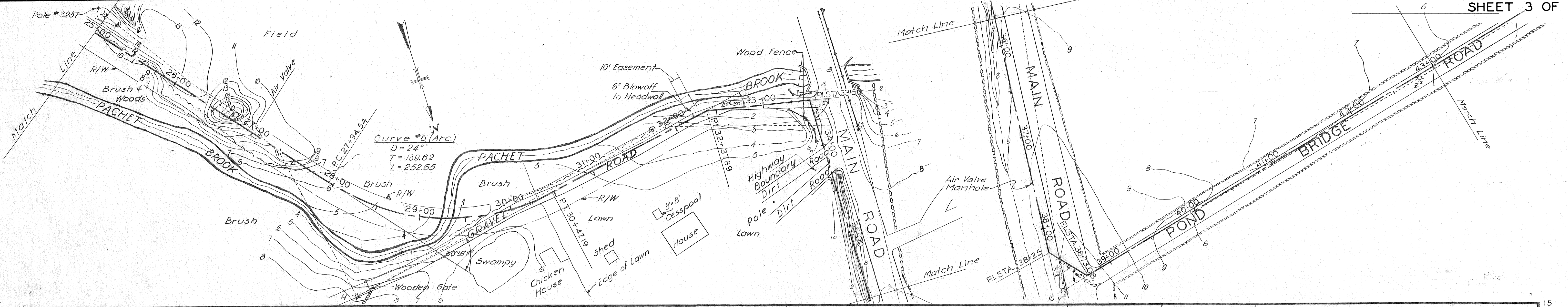
If any Northern diamondback terrapins are observed in or around the project area, the RIDOT Natural Resources Unit (NRU) must be notified at 401-734-4892 and dot.nru@dot.ri.gov.

Appendix A. Photo Identification



Appendix G

24" Newport Water Main "As Built"



"AS BUILT"
 CITY OF NEWPORT, RHODE ISLAND
 NEWPORT WATER WORKS
 CONTRACT NO. 5
**PIPE LINE - PACHET BROOK DAM
 TO NONQUIT POND**
 FROM STA. 25+00 TO STA. 53+94.31

SCALES: HORIZ. 1"=50' VERT. 1"=5'

Appendix H
Structure Disposition List

8/12/2024

Bridge Group 44H - Nonquit Pond
 Tiverton, Rhode Island
 RI Design Contract No. 2023-EB-028D
 RI Construction Contract No. 2024-CB-048
 RI Federal Aid-Project No.
 BRO-044H(002)

Approved

 Supervising Landscape Architect

Right-of-Way
 Structure Disposition List

<u>Structure</u>	<u>Location</u>	<u>Description</u>	<u>Status</u>	<u>Disposition</u>	<u>(For RIDOT use only)</u> <u>Replacement Material</u> <u>Size</u> <u>Value (each)</u>	
SD-1	Sta. 12+50, 13' Lt to Sta 13+00, 41' Lt	Chain Link Fence	Encroachment	Existing to Remain		
SD-2	Sta. 12+74, 25' Rt to Sta. 14+25, 16' Rt	Stone Wall	Encroachment	Remove and Replace		
SD-3	Sta. 12+70, 22' Rt to Sta 15+30, 14' Rt	Stone Wall	Property Improvement/Encroachment	Existing to Remain		