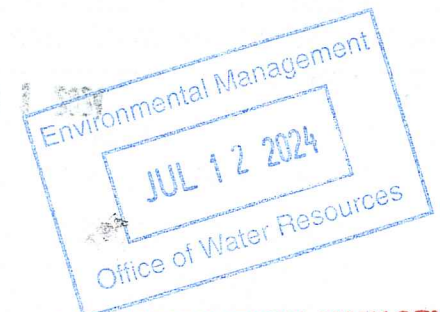




- Project Centerline
- Transmission Line
- Existing or Proposed Power Facility
- Town Boundary

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS  
 SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: **OCT 31 2024** FILE #: **24-0176**  
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*Nancy L. Freeman*



RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
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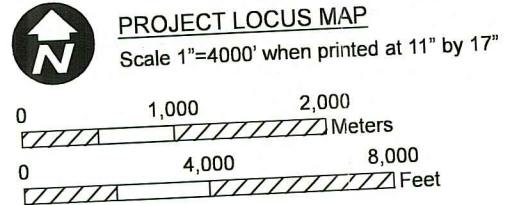
**NOTE PER DEM:**

Kindly be advised that this Permit is not equivalent to a verification of the type or extent of freshwater wetlands on site

REVISIONS:

This document has been reviewed for Critical Energy Infrastructure Information (CEII). [June 2024]

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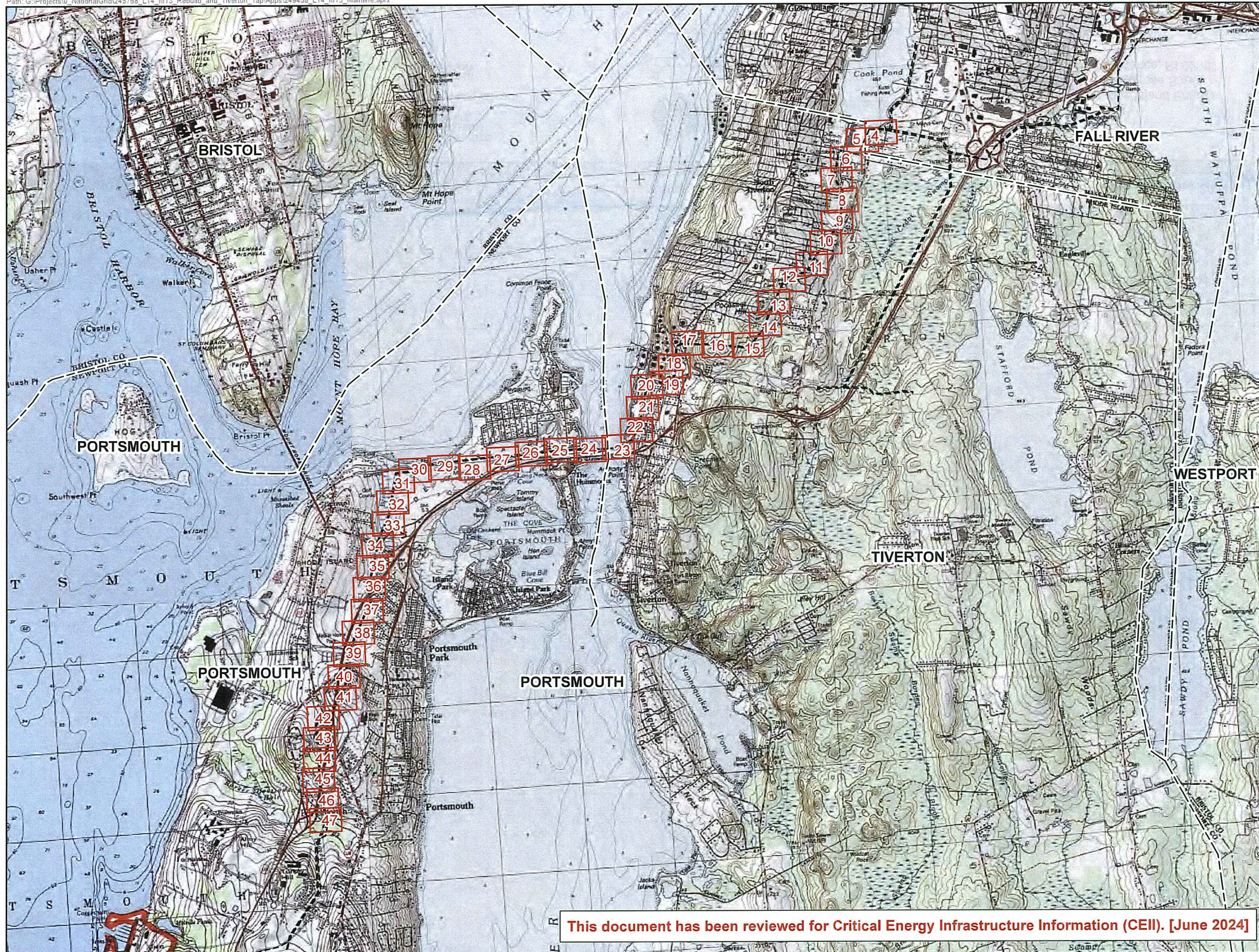
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 Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907



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 2 Hampshire Street Suite 301  
 Foxborough, MA 02035

PROJECT LOCUS MAP  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 City of Fall River, Massachusetts; Towns  
 of Portsmouth and Tiverton, Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/10/2024	SHEET 1 of 47
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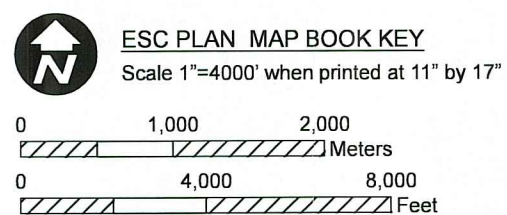
- Page Boundary
- Transmission Line
- Existing or Proposed Power Facility
- Town Boundary

OF PROPOSED WORKS ON THE  
 WATERSHED OF THE CITY OF FALL RIVER  
 AND TOWNS OF PORTSMOUTH AND TIVERTON  
 KINDLY BE ADVISED THAT THE PERMIT  
 NO. 11-00-0014  
 FRESHWATER WETLANDS PROGRAM  
 RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
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RI Environmental Management  
**JUL 12 2024**  
 Office of Water Resources

**SOIL EROSION AND SEDIMENT CONTROL PLAN INDEX**  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 City of Fall River, Massachusetts; Towns of Portsmouth and Tiverton, Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/10/2024	SHEET 2 of 47
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**General Notes:**

- Plans/Drawings are issued for permitting and soil erosion control measures.
- Property and boundary information and existing overhead and underground utilities shown are from publicly available data and are provided for reference purposes only. POWER Engineers makes no representation or warranty as to the accuracy of location of the information shown.
- Limits of Disturbance (LOD) are depicted as a typical work corridor within the existing electric transmission ROW, railroad ROW and public roadway ROW. Limits of Disturbance equate to the boundaries of the access routes and work pads shown on the figures.
- Construction practices will conform with the following standards, as applicable:
  - Rhode Island Soil Erosion and Sediment Control Handbook
  - Rhode Island Storm Water Design and Installation Standards Manual
  - Rhode Island Department of Environmental Management Wetland BMP Manual
  - Rhode Island Energy ROW Access Maintenance and Construction Best Management Practices (EG-303NE)

**Erosion and Sediment Control Measures:**

- Areas inside the Limits of Disturbance will be restored by the Contractor to their original condition at the Contractor's expense, to the satisfaction of Rhode Island Energy.
- Install temporary inlet protection where catch basins are present within the work zone, including oil absorbent socks.
- Contractor will be solely responsible for site security and job safety. All construction activity shall be in accordance with OSHA regulations and local and state requirements.
- All materials are to be disposed of per applicable laws and regulations.
- Dewatering activities shall occur outside of wetlands and watercourses with approved dewatering controls such as filter bags, filter socks, weir tanks or dewatering basins. Where this is not possible, dewatering effluent shall be transported offsite.
- All wetland and waterways shall be flagged prior to commencing work activities at the site.
- Maintain undisturbed vegetated buffers between work areas and wetlands/waterways wherever possible.
- Limit removal of, and damage to, existing vegetation wherever possible.
- Avoid unnecessary disturbance of site soils wherever possible.
- Upon completion of construction in a given location (structure, work area, etc.), disturbed or exposed soils will be immediately stabilized with mulch, blankets or similar temporary erosion and sediment control practice adequate for providing temporary stabilization while vegetation becomes established.
- Where temporary erosion control, or permanent seed mixes are placed, appropriate temporary measures will be taken to prevent soil erosion while seed is germinating.
- Mulch will not be used as a temporary erosion control practice in drainageways. Mulch placement on steep slopes (>3:1) will be limited to hydraulic mulch or rolled erosion control products (e.g., erosion control blankets, etc.).
- Seeding shall occur only during specified planting seasons unless otherwise directed by Rhode Island Energy.
- Seed mixes will be approved by the Rhode Island Energy Environmental Scientist prior to placement. Seed mixes will be appropriate for the site conditions (e.g. wetland, upland, etc.).
- Low growing, woody plant species and root systems will be retained in locations where work pads and access roads are not proposed. Care will be taken to protect such plants and their root systems from damage and compaction.
- Perimeter sediment control locations shown on the plans contained herein are approximations, and may change depending on field conditions at the time of construction or as directed by the Rhode Island Energy Environmental Scientist. Perimeter sediment controls will not be installed directly in wetlands without prior written approval from the Rhode Island Energy Environmental Scientist.
- Where coastal and freshwater resource areas occur immediately adjacent to and down gradient from the work, sediment perimeter controls (e.g. straw wattles, compost filter socks, excelsior sediment logs, straw bales, reinforced silt fence, etc.) will be placed between the resource area and the work zone prior to the commencement of work. Perimeter controls will be installed as close to the area of disturbance as possible. Perimeter control selection should occur in coordination with the Rhode Island Energy Environmental Scientist.
- Perimeter sediment controls will be placed along the down slope edge of unpaved access roads as indicated on the plans wherever wetlands resource areas are closer than 50' to the edge of road and/or adjacent to slopes exceeding a grade of 3:1, or as directed by the Rhode Island Energy Environmental Scientist.
- If required, alternatives to silt fence and/or straw bales (e.g., compost socks, wattles, excelsior sediment logs, etc.) are preferred within wetlands adjacent to the edge of the construction pad. Care should be taken to avoid disturbing wetland soils outside of limits of the construction pad and/or area while installing perimeter controls.
- Mud box/drill cutting box locations, dewatering areas, concrete washout areas, and temporary soil stockpile areas shown on the plan indicate only that such devices and practices may be required and do not approximate locations. Final locations for such devices and practices will be determined during construction as field conditions require and allow. Dewatering may be required in additional locations depending on field conditions or weather during construction.
- Where water bars are installed on improved access roads, they should be installed such that runoff is directed to a level spreader, stabilized outlet, or other feature designed to prevent concentrated flows from eroding adjacent locations. Wherever possible, runoff should be directed away from wetlands, waterways, and waterbodies.

- When construction mats are used in locations where excavations/mud boxes are required for structure installation, the construction mat surface will be adequately protected to prevent siltation through the construction mats to wetlands below.
- Where necessary, or as directed by the Rhode Island Energy Environmental Scientist, stone transition ramps shall be installed in association with construction mats.
- All erosion and sediment controls, devices, and practices will be properly maintained, replaced, supplemented, or modified as necessary throughout the life of the project in order to minimize soil erosion and to prevent sediment from being deposited in any wetlands, or coastal features.
- Soil stockpiles will be contained within approved construction work pads or designated stockpiling areas.
- Where possible, soil stockpiles will not exceed 5 feet high in height. Soil stockpiles will be covered with matting, tarp, or other similar material and weights at the end of each construction day if necessary. Install perimeter controls around all stockpiles in close proximity to wetlands and contiguous areas.
- No vehicle or equipment refueling shall occur within 100 feet of a wetland, waterbody, or waterway.
- Stone, soil, or other fill materials will not be placed in any wetlands, waterbodies, or waterways beyond permitted areas.
- Where work will occur in wetlands, or where waterway crossings are proposed, construction mats, or construction mat bridges will be installed respectively prior to commencing construction.
- Upon permanent stabilization of all disturbed soils, temporary erosion and/or sediment controls and construction mats will be removed from, and disposed of properly, off-site.
- Unless otherwise directed, all erosion and sediment controls shall be installed in accordance with, and work shall conform to Rhode Island Energy's Environmental Guidance-303NE.
- Any potentially impacted soils or water encountered during construction activities will be managed in accordance with applicable local, state and federal regulations.
- Mud Boxes will be used to contain and handle wetland soils and saturated soils on temporary construction work pads in wetlands.
- Stabilized construction entrances will be installed at access route entrances onto the ROW, and will be installed with clean stone over geotextile fabric.

**Erosion and Sediment Control Maintenance During Construction:**

- All Erosion and sediment control measures will be inspected for stability and proper function after every runoff producing storm event, or at least weekly. All necessary repairs will be made immediately.
- Trapped sediment will be removed from behind perimeter control devices before the deposits reach 50 percent (1/2) of the above-ground height of the device, unless otherwise noted, or according to manufacturer's specifications.
- Sediment will be removed from sediment traps when design capacity has been reduced by 50 percent (50% of the above-ground height of the device, unless otherwise noted, or according to manufacturer's specifications).
- In disturbed areas where adequate seed stock is not present, or where topsoil has been displaced, soils will be prepared in a manner suitable for supporting plant growth prior to placing seed, mulch, and or other erosion control practices appropriate for the site.

**Wetland Invasive Species Control Notes:**

- All construction equipment, vehicles, and materials (i.e., construction mats) must be clean and free of excess soil, debris, and vegetation before being mobilized to the Project area.
- Construction mats or equivalent will be used in wetlands and other coastal resources during clearing and other construction operations to minimize the spread of invasive species within a wetland or coastal resource by avoiding equipment and vehicles directly traversing wetlands or coastal resources.
- To minimize the potential for spreading invasive plant species from wetland-to-wetland, any equipment or vehicles working in or traversing a wetland will be cleaned prior to relocating to another work site. Cleaning of vehicles and equipment (including the tracks and tires) will involve removal of visible dirt, debris, and vegetation through the use of brooms, shovels, and if needed, compressed air.
- Construction mats will be cleaned prior to relocation to other work areas, wetlands, or coastal resources. Cleaning of matting will involve systematically dropping the mats one on top of another to shake loose any sediment and debris. The matting will then be swept to remove loose soil and any plant material.

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*Nancy L. Freeman*

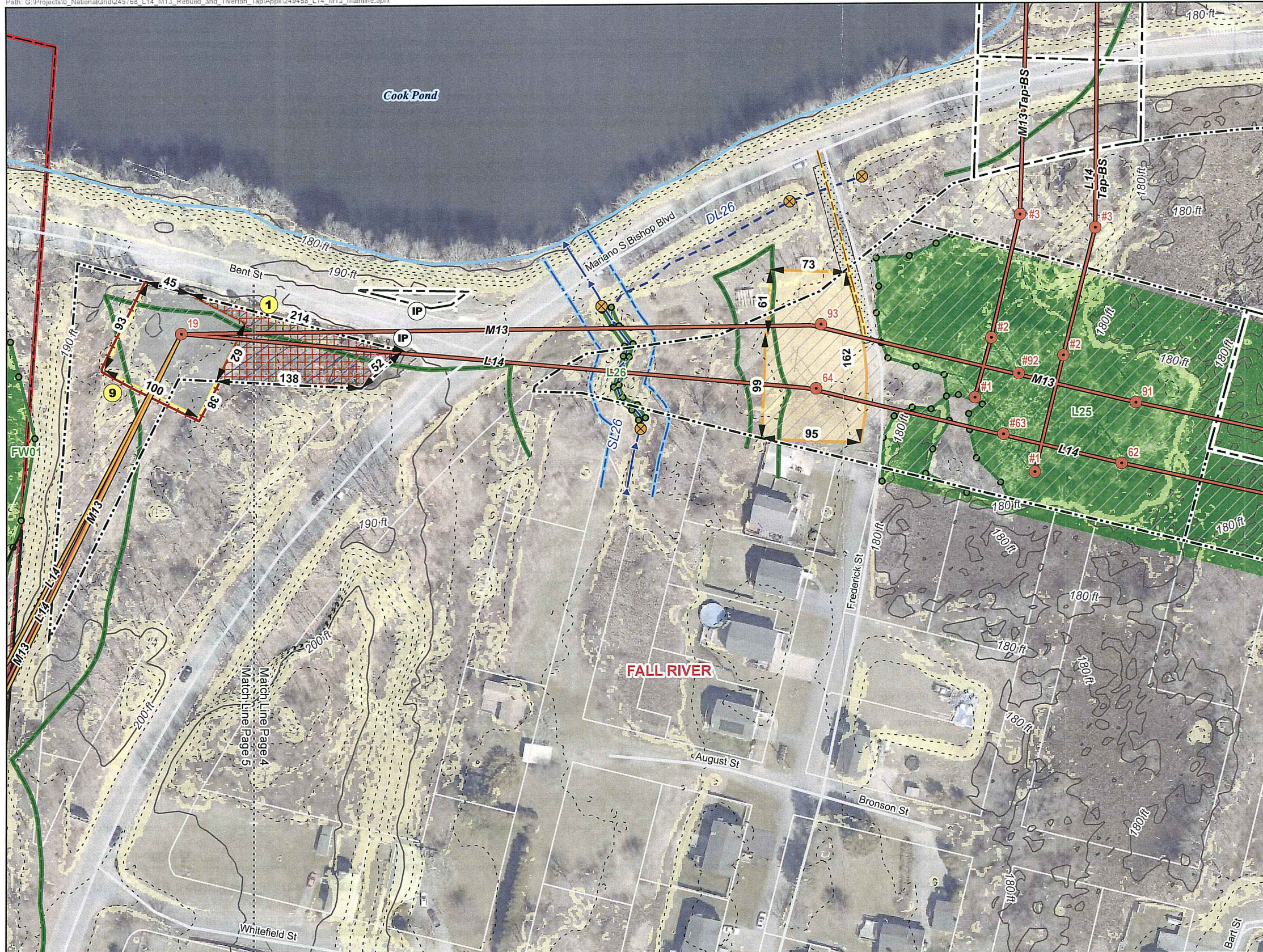

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**SOIL EROSION AND SEDIMENT CONTROL PLAN GENERAL NOTES**  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 City of Fall River, Massachusetts; Towns of Portsmouth and Tiverton, Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/10/2024	SHEET 3 of 47
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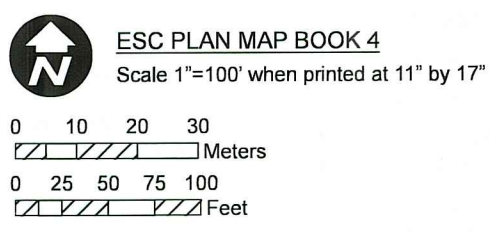
- Existing Structure
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- National Grid Owned Land
- Existing Right of Way
- No Improvements - Existing Access (15' Wide)
- Perimeter Sediment Control
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Mow Only
- Pull Site - Mow Only and Matting
- Construction Matting
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Town Boundary
- Parcel Boundary
- Culvert
- Wetland Flag
- Wetland Border
- Perennial Stream or River
- Mean Annual High Water Line
- Ditch
- 100 ft Buffer Wetland
- Riverfront Area
- Field Delineated Wetland
- Inlet Protection
- Install Stabilized construction ingress/egress
- Perimeter Sediment Controls

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Environmental Management  
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<b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b> <b>L14 &amp; M13 Mainline Rebuild Project</b> Rhode Island Energy City of Fall River Commonwealth of Massachusetts			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 4 of 47



- Existing Structure
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- National Grid Owned Land
- Existing Right of Way
- Perimeter Sediment Control
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Pull Site - Mow Only and Matting
- Construction Matting
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Town Boundary
- Parcel Boundary
- Wetland Flag
- Fence
- Wetland Border
- River/Stream Jurisdictional Area (200')
- 100 ft Buffer Wetland
- Field Delineated Wetland
- Inlet Protection
- Install Stabilized construction ingress/egress
- Perimeter Sediment Controls

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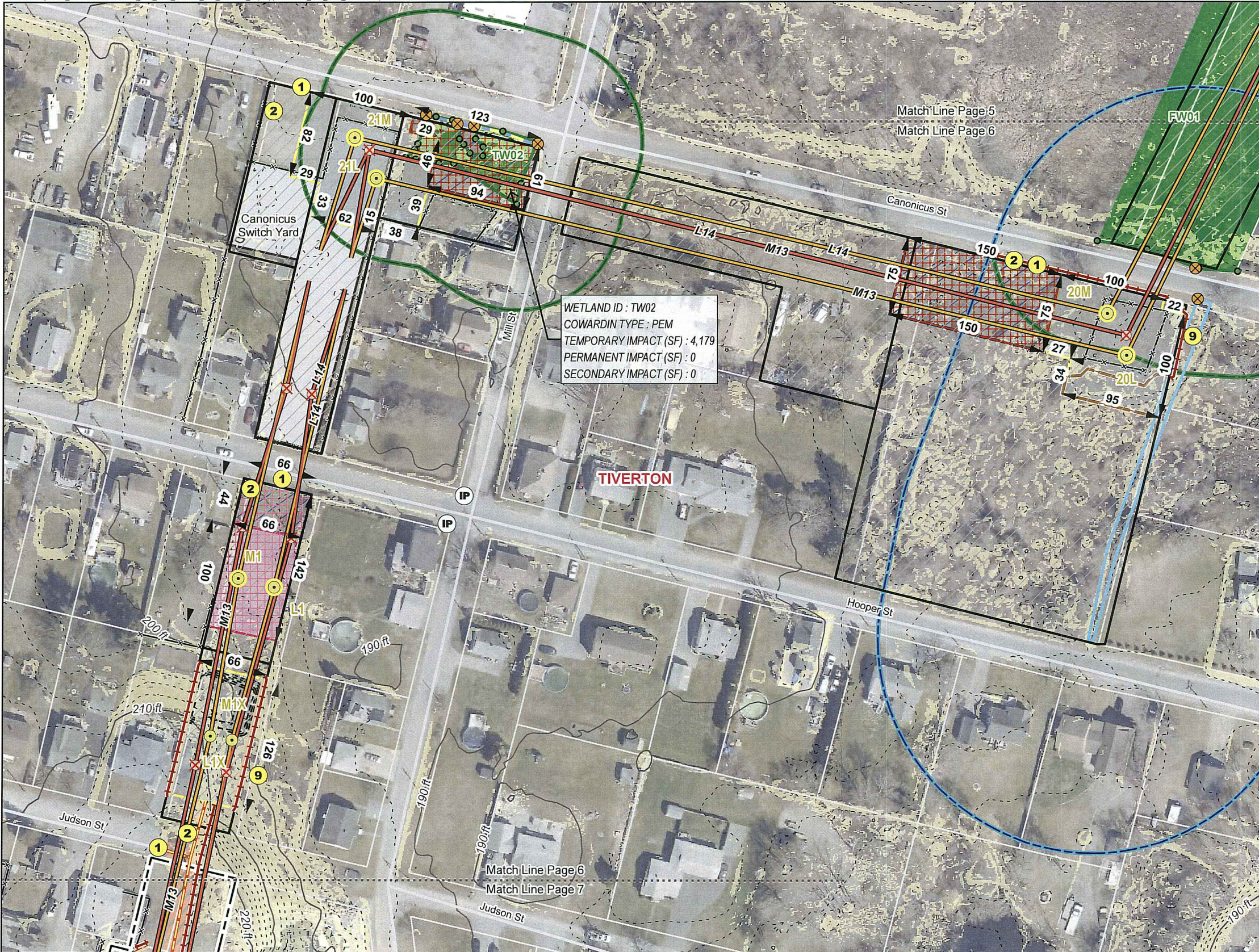
ESC PLAN MAP BOOK 5  
 Scale 1"=100' when printed at 11" by 17"  
 0 10 20 30 Meters  
 0 25 50 75 100 Feet

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SOIL EROSION AND SEDIMENT CONTROL PLAN  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 City of Fall River, Town of Tiverton  
 Comm. of Massachusetts and State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 5 of 47
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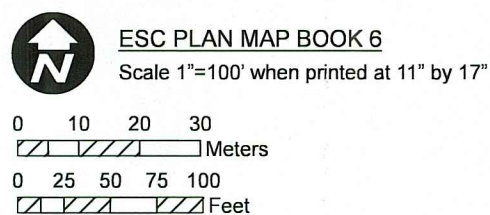
- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Substation or Switching Station
- RIE Owned Land
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-foot and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Reinforced Silt Fence
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-foot and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Alternative Type Matting
- Pull Site - Mow Only and Matting
- Construction Matting
- Alternative Type Matting
- Tree Trimming or Removal
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Culvert
- Wetland Flag
- Fence
- Wetland Border
- Mean Annual High Water Line
- Area Subject to Storm Flowage (ASSF)
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- Inlet Protection
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station.
- 9 Perimeter Sediment Controls

WETLAND ID : TW02  
 COWARDIN TYPE : PEM  
 TEMPORARY IMPACT (SF) : 4,179  
 PERMANENT IMPACT (SF) : 0  
 SECONDARY IMPACT (SF) : 0

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
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**JUL 12 2024**  
 Office of Water Resources

SOIL EROSION AND SEDIMENT CONTROL PLAN  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Tiverton  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 6 of 47
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- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Reinforced Silt Fence
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Fence
- Stone Wall
- River/Stream Jurisdictional Area (200')
- Inlet Protection
- Install Stabilized construction ingress/egress
- Install temporary concrete wash station.
- Perimeter Sediment Controls

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**ESC PLAN MAP BOOK 7**  
 Scale 1"=100' when printed at 11" by 17"

0 10 20 30

Meters

0 25 50 75 100

Feet

**Rhode Island Energy**  
 280 Melrose Street  
 Providence, RI 02907  
a PPL company

RI Environmental Management

JUL 12 2024

Office of Water Resources

SOIL EROSION AND SEDIMENT CONTROL PLAN

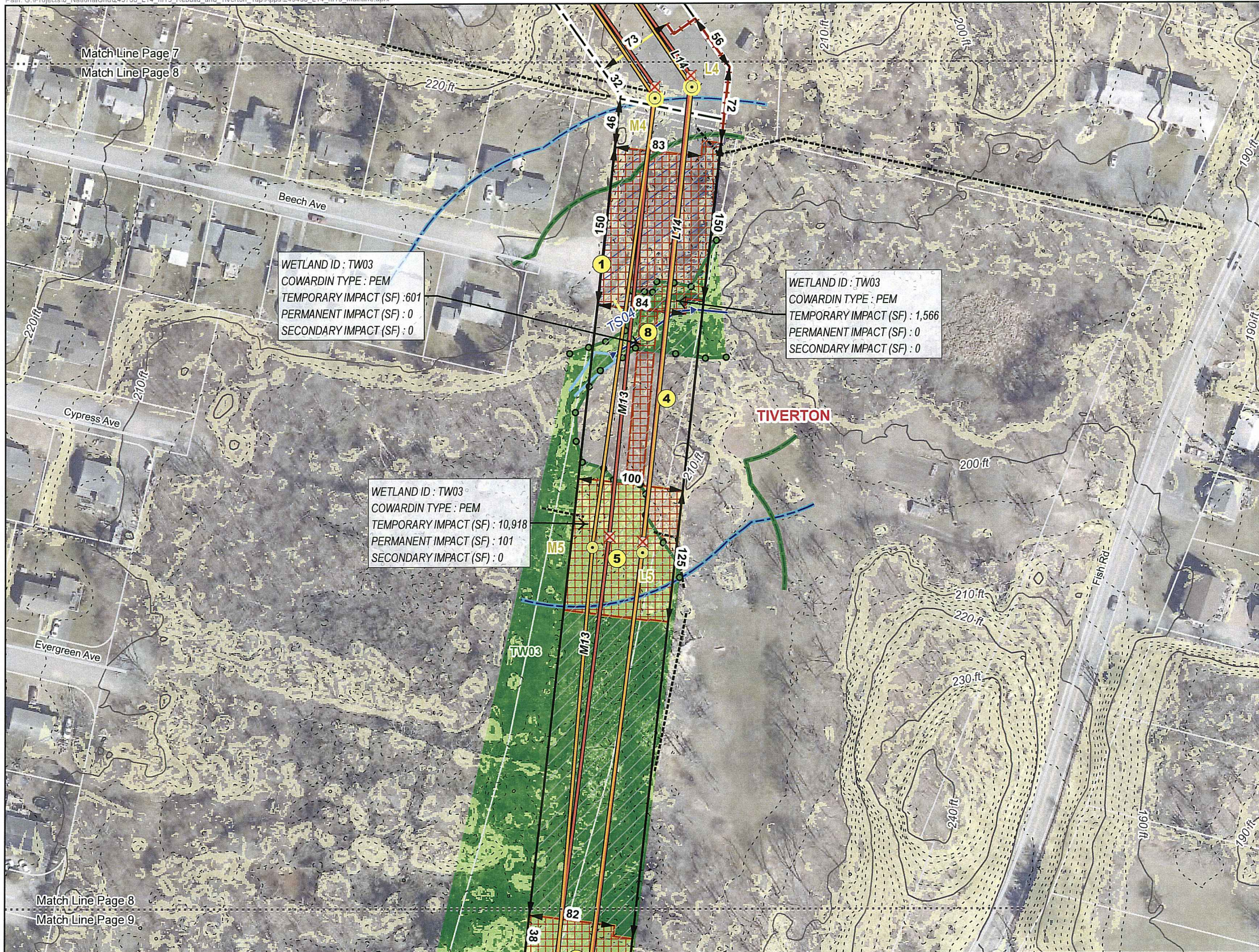
L14 & M13 Mainline Rebuild Project

Rhode Island Energy

Town of Tiverton

State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 7 of 47
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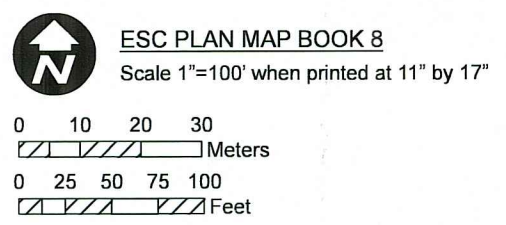


- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- Existing Right of Way
- Perimeter Sediment Control
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Mow Only
- Pull Site - Mow Only and Matting
- Construction Matting
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Wetland Flag
- Stone Wall
- Wetland Border
- Perennial Stream or River
- Mean Annual High Water Line
- Area Subject to Storm Flowage (ASSF)
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- 1 Install Stabilized construction ingress/egress
- 4 Dewatering Area
- 5 Install temporary mud box.
- 8 Stream crossing will use construction mat bridge detail

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**  
 APPROVED WITH CONDITIONS AS  
 SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: **OCT 31 2024** FILE #: **24-0176**  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Nancy L. Freeman*

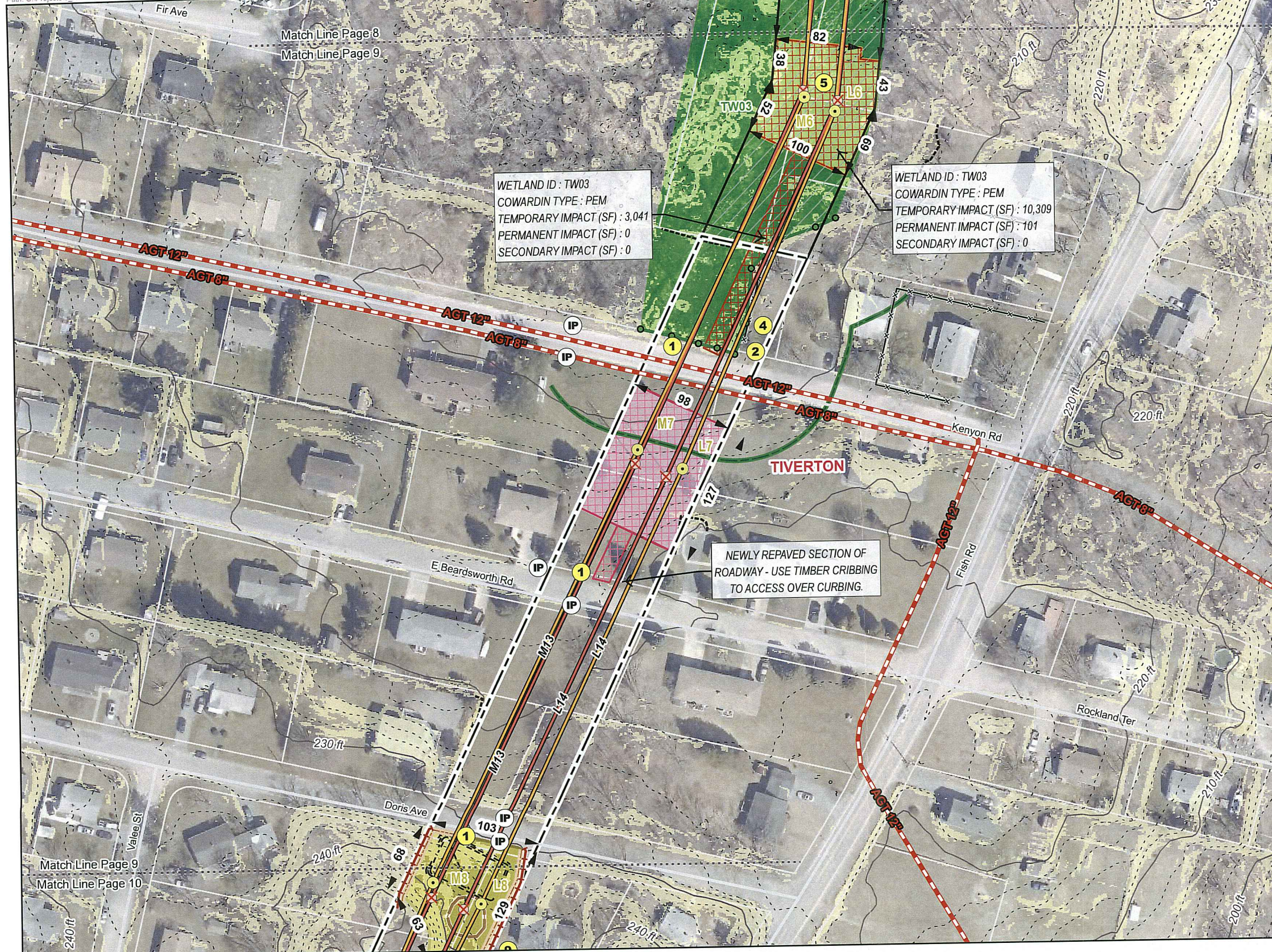
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Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

POWER ENGINEERS POWER Engineers, Inc 2 Hampshire Street Suite 301 Foxborough, MA 02035	<b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b> <b>L14 &amp; M13 Mainline Rebuild Project</b> Rhode Island Energy Town of Tiverton State of Rhode Island		
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 8 of 47



WETLAND ID : TW03  
 COWARDIN TYPE : PEM  
 TEMPORARY IMPACT (SF) : 3,041  
 PERMANENT IMPACT (SF) : 0  
 SECONDARY IMPACT (SF) : 0

WETLAND ID : TW03  
 COWARDIN TYPE : PEM  
 TEMPORARY IMPACT (SF) : 10,309  
 PERMANENT IMPACT (SF) : 101  
 SECONDARY IMPACT (SF) : 0

NEWLY REPAVED SECTION OF ROADWAY - USE TIMBER CRIBBING TO ACCESS OVER CURBING.

- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Natural Gas Pipeline
- RIE Owned Land
- Existing Right of Way
- Perimeter Sediment Control
- Reinforced Silt Fence
- Temporary Work Area - Alternative Type Matting
- Temporary Work Area - Mow Only
- Tiered Work Pad
- Construction Matting
- Alternative Type Matting
- Tree Trimming or Removal
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- Inlet Protection
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station.
- 4 Dewatering Area
- 5 Install temporary mud box.
- 9 Perimeter Sediment Controls

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: OCT 31 2024 FILE #: 24-0176

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*Nancy L. Freeman*

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**POWER ENGINEERS**  
 POWER Engineers, Inc  
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**ESC PLAN MAP BOOK 9**  
 Scale 1"=100' when printed at 11" by 17"

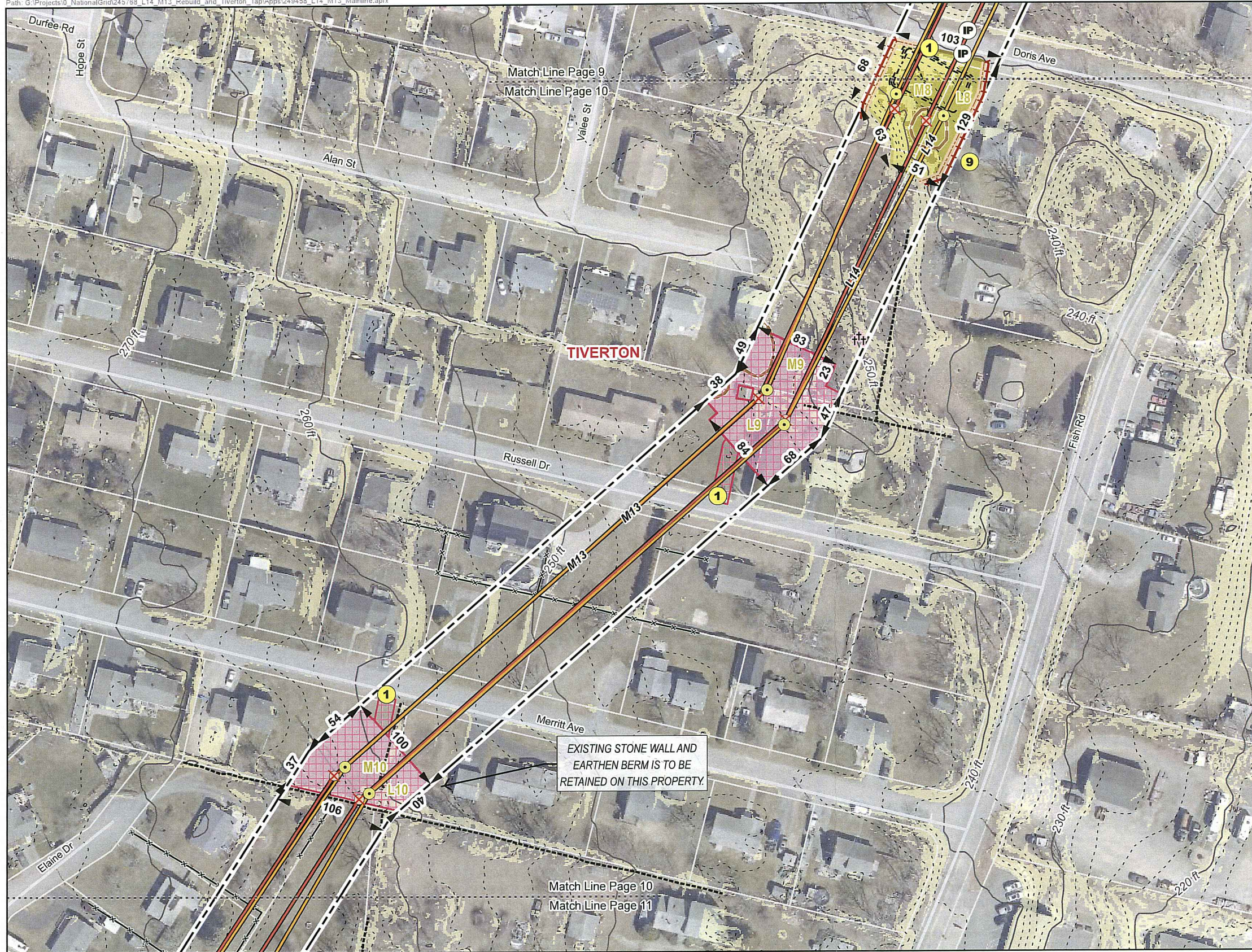
0 10 20 30 Meters  
 0 25 50 75 100 Feet

**Rhode Island Energy**  
 a PPL company  
 Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

Environmental Management  
**JUL 12 2024**  
 Office of Water Resources

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Tiverton  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 9 of 47
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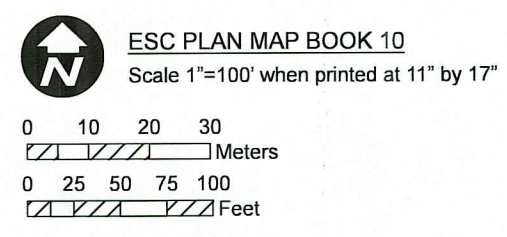
- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Perimeter Sediment Control
- Reinforced Silt Fence
- Temporary Work Area - Alternative Type Matting
- Tiered Work Pad
- Alternative Type Matting
- Tree Trimming or Removal
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Fence
- Stone Wall
- Historical Cemetery
- Inlet Protection
- Install Stabilized construction ingress/egress
- Perimeter Sediment Control

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
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 SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: OCT 31 2024 FILE #: 24-0176  
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POWER Engineers, Inc  
 2 Hampshire Street Suite 301  
 Foxborough, MA 02035

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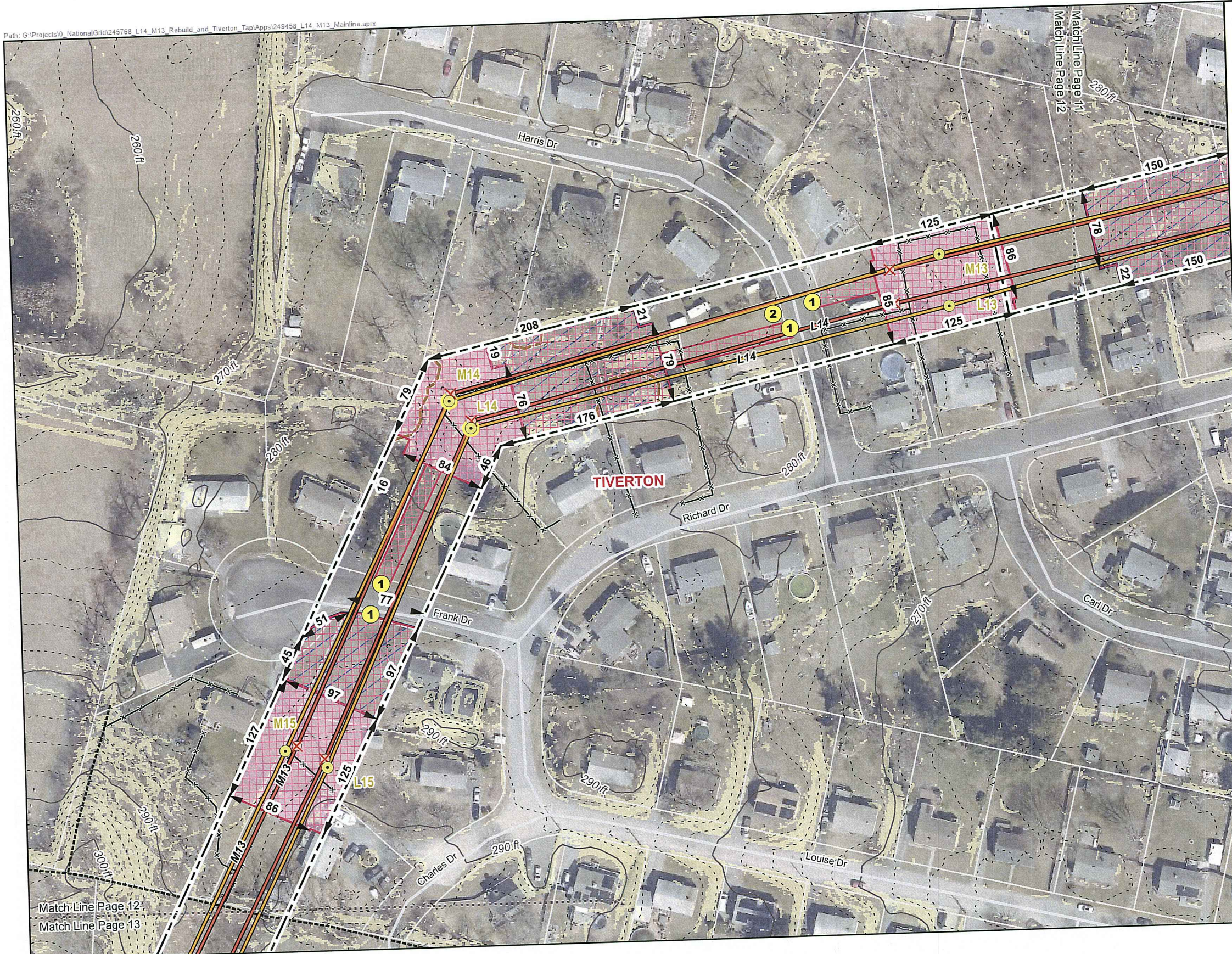
Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

RI Environmental Management  
 JUL 12 2024  
 Office of Water Resources

SOIL EROSION AND SEDIMENT CONTROL PLAN  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Tiverton  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 10 of 47
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- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Temporary Work Area - Alternative Type Matting
- Pull Site - Mow Only and Matting
- Alternative Type Matting
- Tree Trimming or Removal
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Fence
- Stone Wall
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: **OCT 31 2024** FILE #: **24-0178**  
*Nancy L. Freeman*

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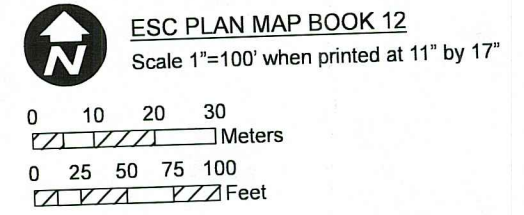
POWER ENGINEERS, Inc  
2 Hampshire Street Suite 301  
Foxborough, MA 02035

RI Environmental Management  
**JUL 12 2024**  
Office of Water Resources

SOIL EROSION AND SEDIMENT CONTROL PLAN  
L14 & M13 Mainline Rebuild Project  
Rhode Island Energy  
Town of Tiverton  
State of Rhode Island

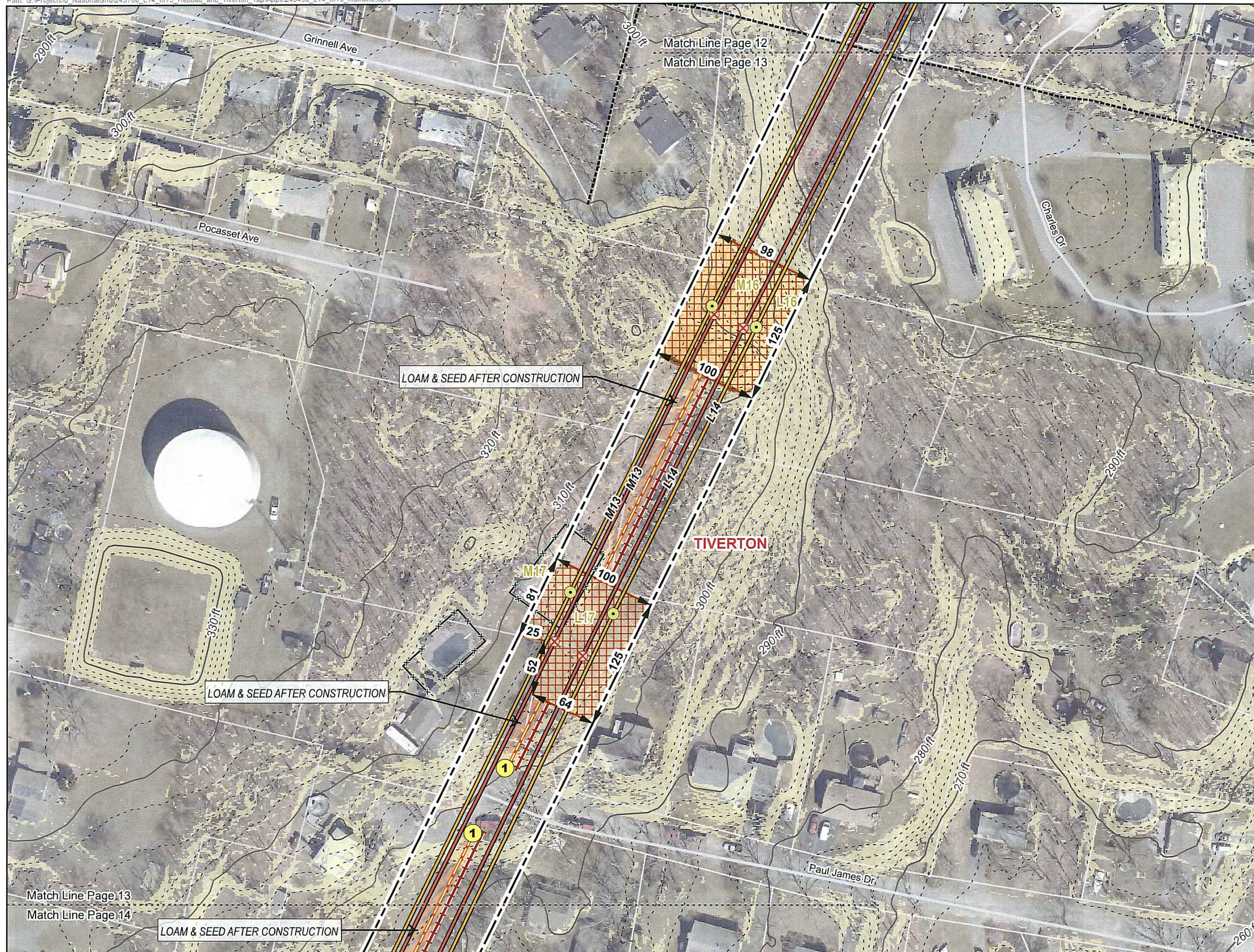
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Rhode Island Energy  
280 Melrose Street  
Providence, RI 02907

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 12 of 47
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- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Mow Only
- Matted Work Pad - Stacked Mats
- Construction Matting
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Fence
- Stone Wall
- 1 Install Stabilized construction ingress/egress

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**

**APPROVED WITH CONDITIONS AS**  
**LETTER OF APPROVAL**

DATED: OCT 31 2024 FILE #: 24-0176

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POWER Engineers, Inc  
 2 Hampshire Street Suite 301  
 Foxborough, MA 02035

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**ESC PLAN MAP BOOK 13**  
 Scale 1"=100' when printed at 11" by 17"

0 10 20 30

Meters

0 25 50 75 100

Feet

Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

a PPL company

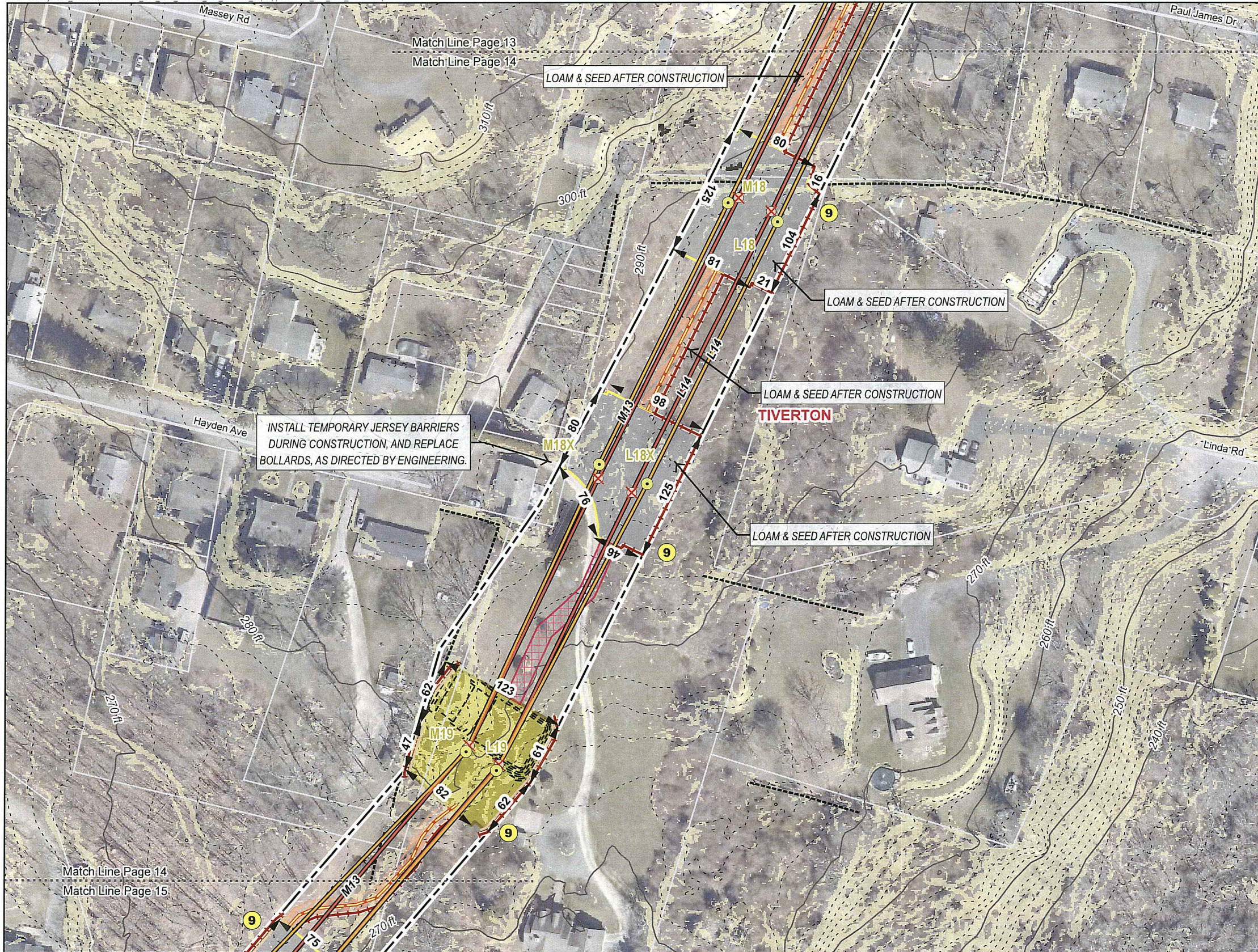
RI Environmental Management

JUL 12 2024

Office of Water Resources

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Tiverton  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 13 of 47
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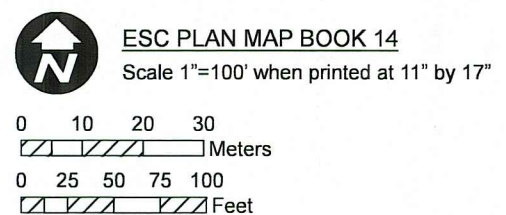


- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Reinforced Silt Fence
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Tiered Work Pad
- Alternative Type Matting
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Stone Wall
- Perimeter Sediment Controls

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
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 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Tiverton  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 14 of 47
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- Proposed Structure
- ✗ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Reinforced Silt Fence
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Pull Site - Mow Only and Matting
- Tiered Work Pad
- Construction Matting
- Rock Ford
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Culvert
- Stone Wall
- Area Subject to Storm Flowage (ASSF)
- 9 Perimeter Sediment Controls

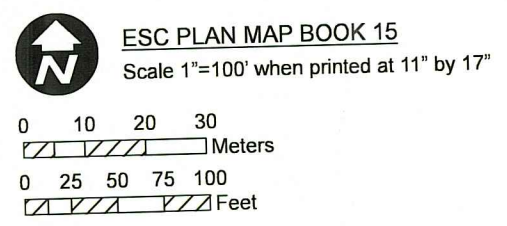
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 a PPL company  
 Rhode Island Energy  
 280 Melrose Street  
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**RI Environmental Management**  
 JUL 12 2024  
**Office of Water Resources**

<b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b> L14 & M13 Mainline Rebuild Project Rhode Island Energy Town of Tiverton State of Rhode Island			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 15 of 47



- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Reinforced Silt Fence
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Stone Wall
- Perimeter Sediment Controls

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM**

**APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL**

**DATED: OCT 31 2024 FILE #: 24-0176**

**NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL**

**APPROVED PLANS MUST BE AT CONSTRUCTION SITE**

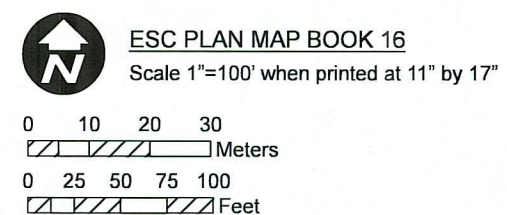
*Nancy L. Freeman*

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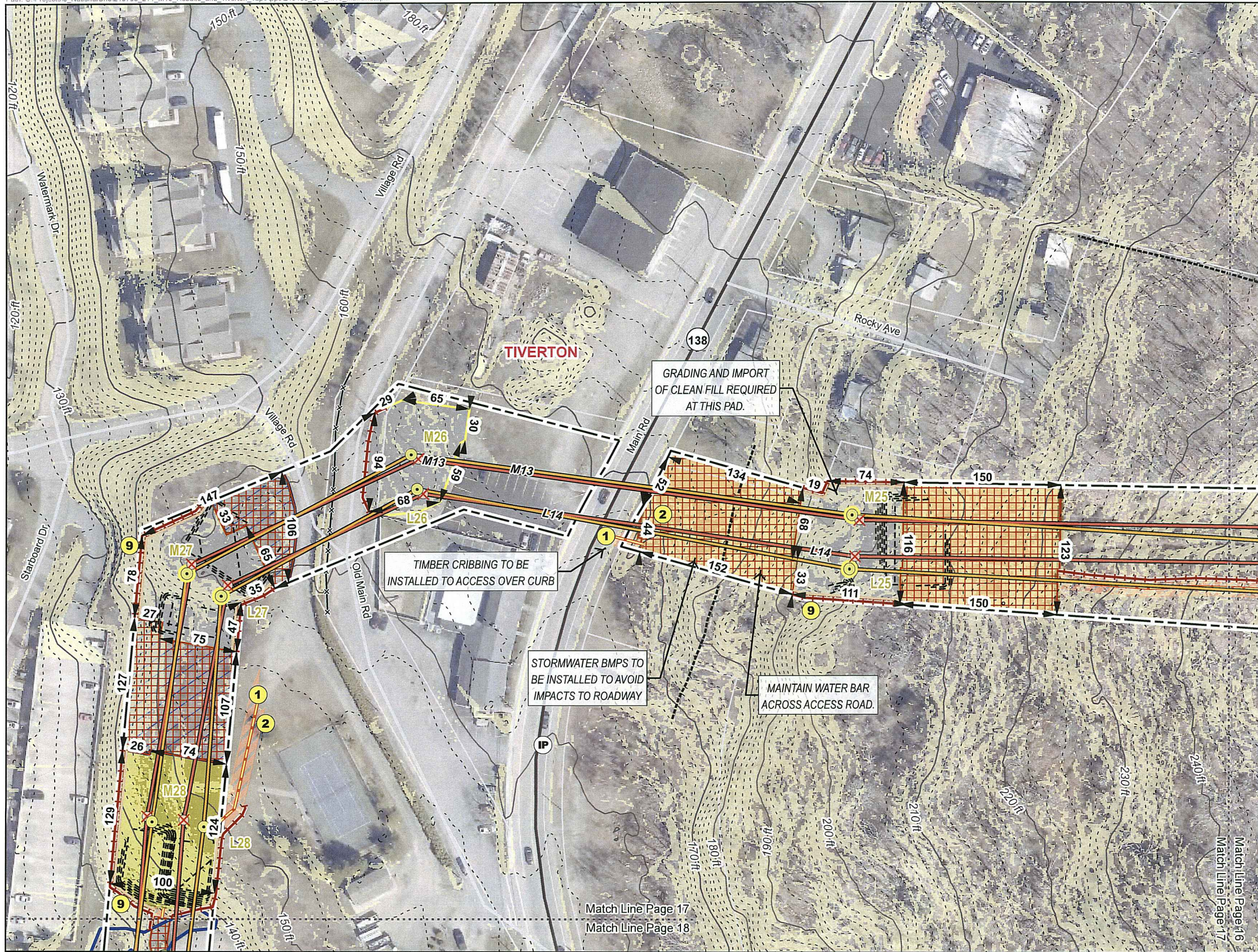
Rhode Island Energy  
280 Melrose Street  
Providence, RI 02907

POWER Engineers, Inc  
2 Hampshire Street Suite 301  
Foxborough, MA 02035

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
L14 & M13 Mainline Rebuild Project  
Rhode Island Energy  
Town of Tiverton  
State of Rhode Island

JUL 12 2024

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 16 of 47
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- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Perimeter Sediment Control
- Reinforced Silt Fence
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Pull Site - Mow Only and Matting
- Matted Work Pad - Stacked Mats
- Tiered Work Pad
- Construction Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Fence
- Stone Wall
- Area Subject to Flooding (ASF)
- Inlet Protection
- Install Stabilized construction ingress/egress
- Install temporary concrete wash station.
- Perimeter Sediment Controls

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**

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 DATED: **OCT 31 2024** FILE #: **24-0176**

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*Nancy L. Freeman*

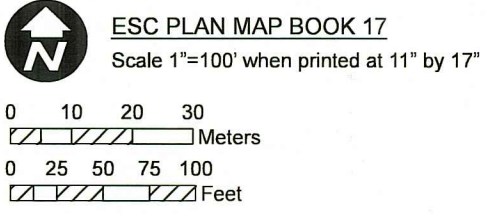
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**POWER ENGINEERS**  
 POWER Engineers, Inc  
 2 Hampshire Street Suite 301  
 Foxborough, MA 02035

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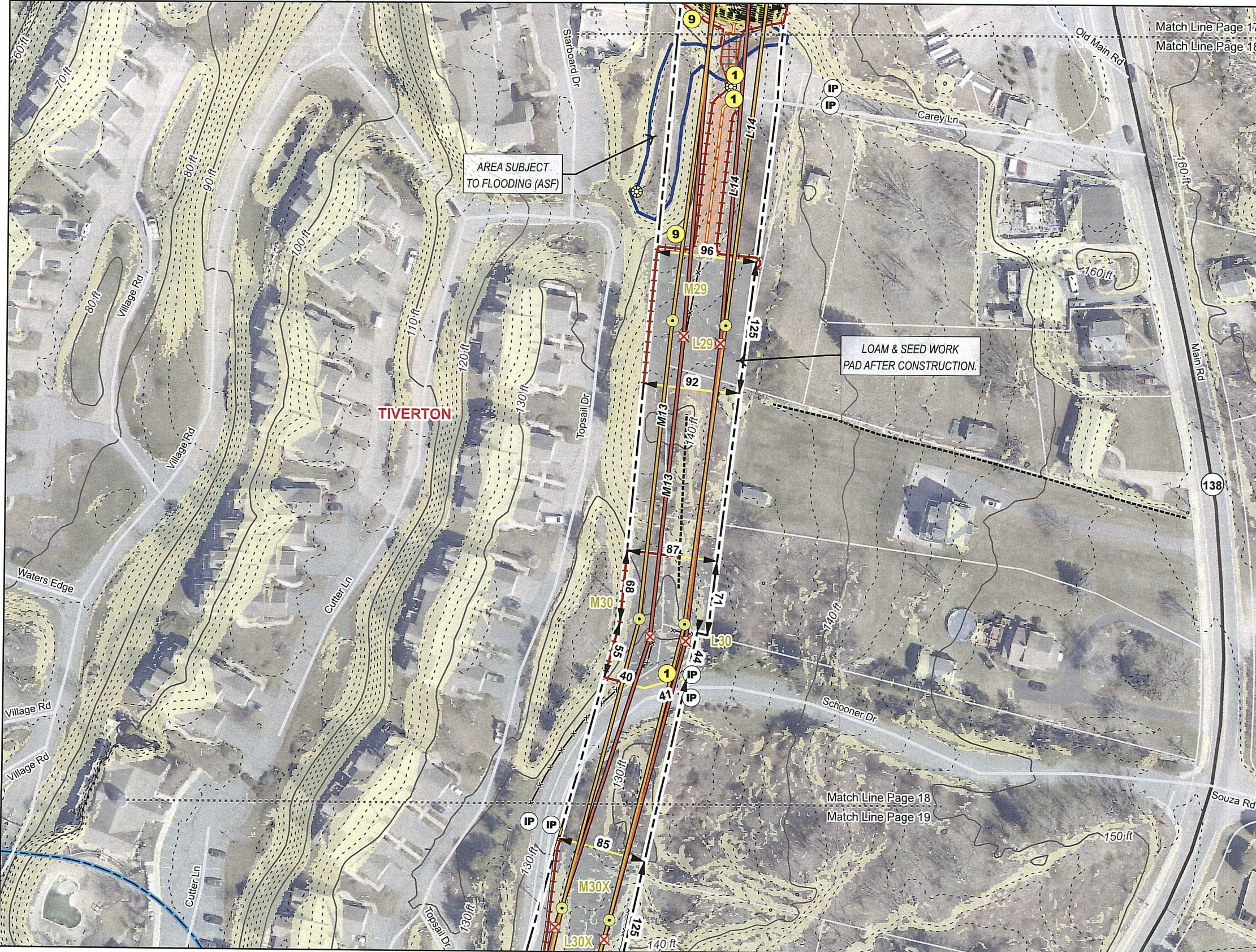


**Rhode Island Energy**  
 a PPL company  
 Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

**RI Environmental Management**  
**JUL 12 2024**  
**Office of Water Resources**

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
**L14 & M13 Mainline Rebuild Project**  
 Rhode Island Energy  
 Town of Tiverton  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 17 of 47
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**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**  
 APPROVED WITH CONDITIONS AS  
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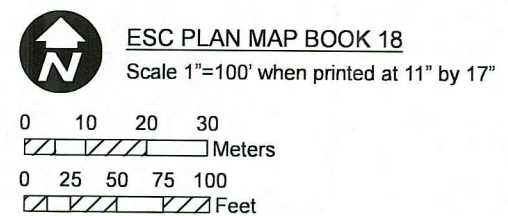
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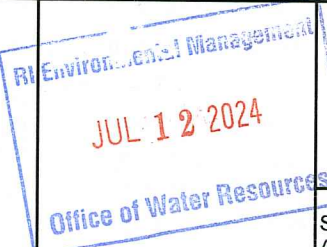
POWER Engineers, Inc  
 2 Hampshire Street Suite 301  
 Foxborough, MA 02035

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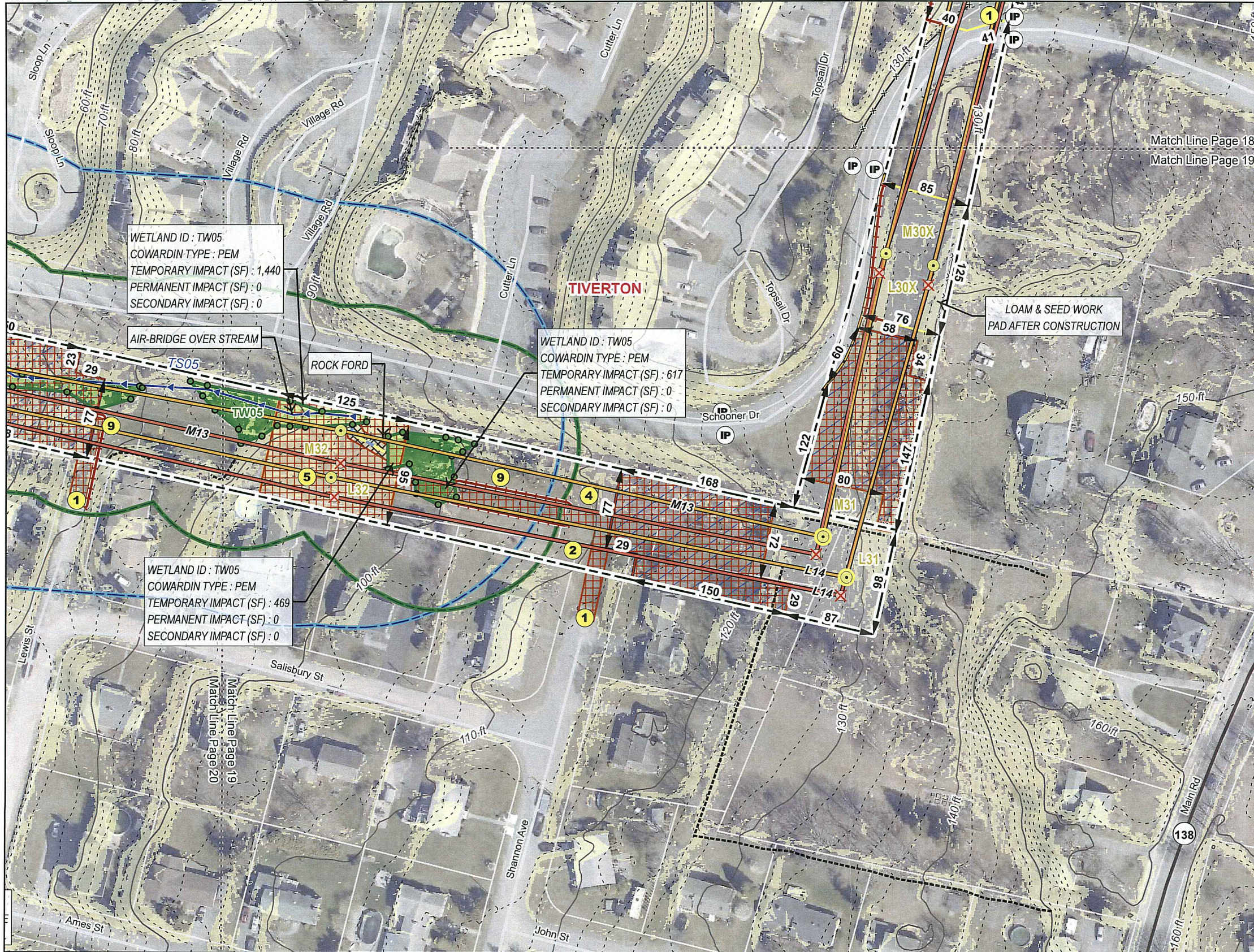


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 Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907



**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Tiverton  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 18 of 47
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- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Orange Construction Barrier
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Mow Only
- Pull Site - Mow Only and Matting
- Construction Matting
- Rock Ford
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Perennial Stream or River
- Area Subject to Storm Flowage (ASSF)
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- Inlet Protection
- Install Stabilized construction ingress/egress
- Install temporary concrete wash station.
- Dewatering Area
- Install temporary mud box.
- Perimeter Sediment Controls

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**

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**DATED: OCT 31 2024** FILE #: 24-0176

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REVISIONS: *Nancy L. Freeman*

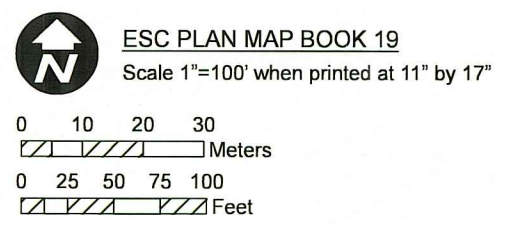
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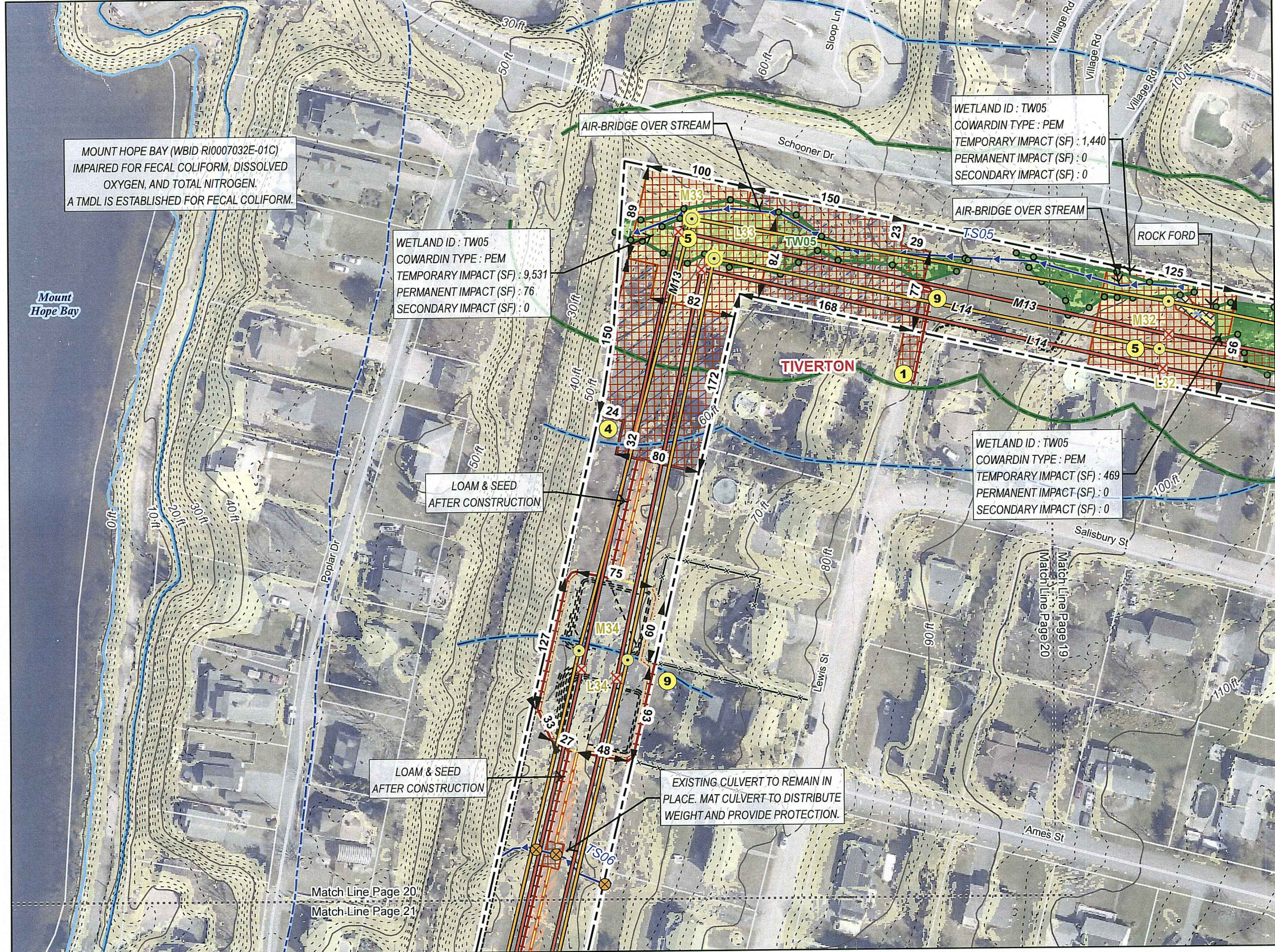


**Rhode Island Energy**  
 a PPL company

Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

**RI Environmental Management**  
**JUL 12 2024**  
**Office of Water Resources**

<b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b>			
<b>L14 &amp; M13 Mainline Rebuild Project</b>			
<b>Rhode Island Energy</b>			
Town of Tiverton State of Rhode Island			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 19 of 47



- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
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- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Mow Only
- Pull Site - Mow Only and Matting
- Construction Matting
- Rock Ford
- Minor Road
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- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Culvert
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Perennial Stream or River
- Mean Annual High Water Line
- Area Subject to Storm Flowage (ASSF)
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- 200 ft CRMC Contiguous Area
- Field Delineated Wetland
- FEMA - 100 Year Floodplain
- 1 Install Stabilized construction ingress/egress
- 4 Dewatering Area
- 5 Install temporary mud box.
- 9 Perimeter Sediment Controls

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**

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**ESC PLAN MAP BOOK 20**  
Scale 1"=100' when printed at 11" by 17"

0 10 20 30  
Meters

0 25 50 75 100  
Feet

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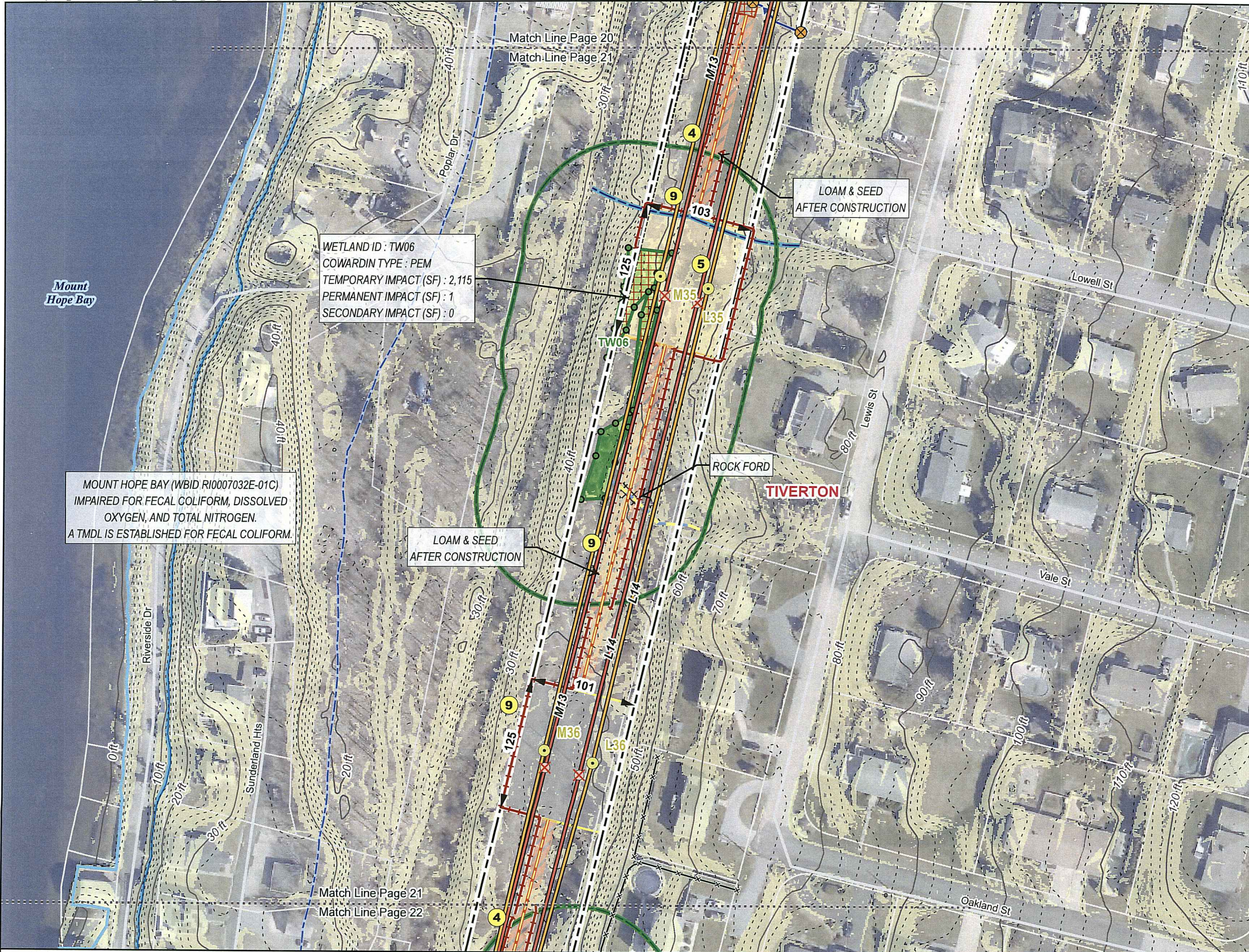
Rhode Island Energy  
280 Melrose Street  
Providence, RI 02907

**JUL 12 2024**

**Office of Water Resources**

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
**L14 & M13 Mainline Rebuild Project**  
**Rhode Island Energy**  
Town of Tiverton  
State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 20 of 47
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WETLAND ID : TW06  
 COWARDIN TYPE : PEM  
 TEMPORARY IMPACT (SF) : 2,115  
 PERMANENT IMPACT (SF) : 1  
 SECONDARY IMPACT (SF) : 0

MOUNT HOPE BAY (WBID RI0007032E-01C)  
 IMPAIRED FOR FECAL COLIFORM, DISSOLVED OXYGEN, AND TOTAL NITROGEN.  
 A TMDL IS ESTABLISHED FOR FECAL COLIFORM.

- Proposed Structure
- ✕ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Mow Only
- Construction Matting
- Rock Ford
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- ⊗ Culvert
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Perennial Stream or River
- Mean Annual High Water Line
- Area Subject to Storm Flowage (ASSF)
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- 200 ft CPMC Contiguous Area
- Field Delineated Wetland
- FEMA - 100 Year Floodplain
- 4 Dewatering Area
- 5 Install temporary mud box.
- 9 Perimeter Sediment Controls

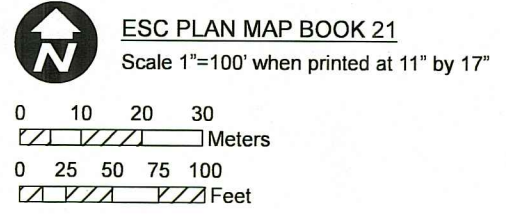
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM

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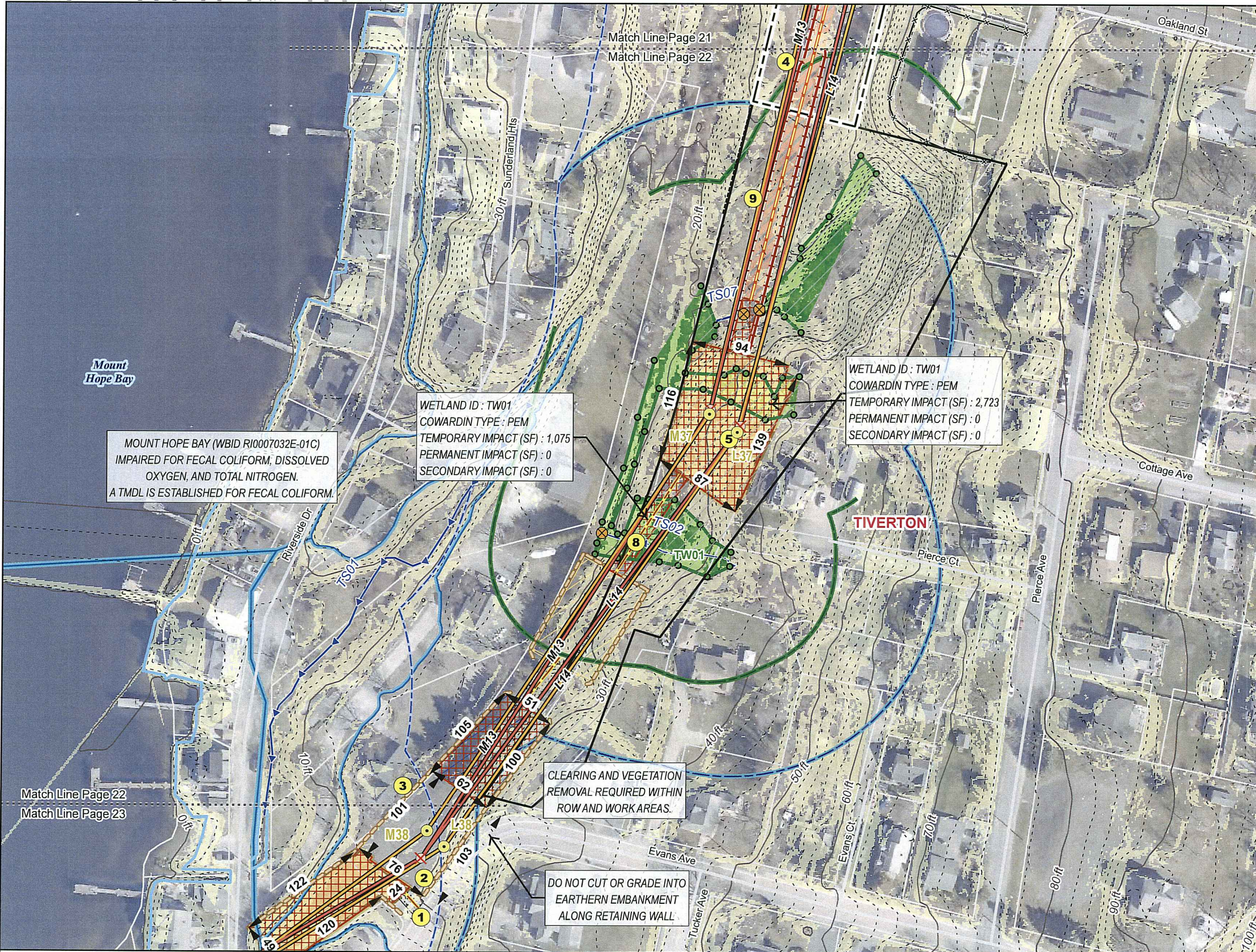
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 Rhode Island Energy  
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RI Environmental Management  
**JUL 12 2024**  
 Office of Water Resources

SOIL EROSION AND SEDIMENT CONTROL PLAN			
L14 & M13 Mainline Rebuild Project			
Rhode Island Energy			
Town of Tiverton State of Rhode Island			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 21 of 47



- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- Existing Right of Way
- No Improvements - Existing Access (15' Wide)
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Straw Wattle
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- No Improvements - Existing Access (15' Wide)
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Pull Site - Temporary Stone and Restore; No Subsoil Grading
- Pull Site - Mow Only and Matting
- Matted Work Pad - Stacked Mats
- Construction Matting
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope symbol"/> > 15% Slope
- Parcel Boundary
- Culvert
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Perennial Stream or River
- Intermittent Stream
- Mean Annual High Water Line
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- 200 ft CPMC Contiguous Area
- Field Delineated Wetland
- FEMA - 100 Year Floodplain
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station.
- 3 Soil stockpile area encompassed with perimeter erosion controls.
- 4 Dewatering Area
- 5 Install temporary mud box.
- 8 Stream crossing will use construction mat bridge detail
- 9 Perimeter Sediment Controls

MOUNT HOPE BAY (WBID RI0007032E-01C) IMPAIRED FOR FECAL COLIFORM, DISSOLVED OXYGEN, AND TOTAL NITROGEN. A TMDL IS ESTABLISHED FOR FECAL COLIFORM.

WETLAND ID: TW01  
COWARDIN TYPE: PEM  
TEMPORARY IMPACT (SF): 1,075  
PERMANENT IMPACT (SF): 0  
SECONDARY IMPACT (SF): 0

WETLAND ID: TW01  
COWARDIN TYPE: PEM  
TEMPORARY IMPACT (SF): 2,723  
PERMANENT IMPACT (SF): 0  
SECONDARY IMPACT (SF): 0

CLEARING AND VEGETATION REMOVAL REQUIRED WITHIN ROW AND WORK AREAS.

DO NOT CUT OR GRADE INTO EARTHEN EMBANKMENT ALONG RETAINING WALL

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS

REVISIONS:  
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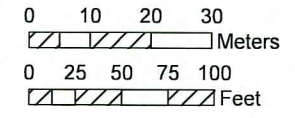
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ESC PLAN MAP BOOK 22  
Scale 1"=100' when printed at 11" by 17"



Rhode Island Energy  
Rhode Island Energy  
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Providence, RI 02907

RI Environmental Management  
Office of Water Resources  
JUL 12 2024

SOIL EROSION AND SEDIMENT CONTROL PLAN  
L14 & M13 Mainline Rebuild Project  
Rhode Island Energy  
Town of Tiverton  
State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 22 of 47
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Match Line Page 23  
Match Line Page 24

MOUNT HOPE BAY (WBID RI0007032E-01C)  
IMPAIRED FOR FECAL COLIFORM, DISSOLVED  
OXYGEN, AND TOTAL NITROGEN.  
A TMDL IS ESTABLISHED FOR FECAL COLIFORM.  
*Mount Hope Bay*

REUSE/REMOVAL, HANDLING,  
AND/OR DISPOSAL OF GRANITE  
BLOCKS FROM EXISTING RAILROAD  
RETAINING WALL TO BE  
COORDINATED WITH RIDOT.

Match Line Page 22  
Match Line Page 23

TIVERTON

INSTALL CATCH BASIN  
INSERTS, WHERE NEEDED.

PLEASE REFER TO GRADING PLAN  
& CROSS-SECTIONS (ATTACHED).

ENTRANCE TO BE MONITORED  
WITH PERIODIC STREET  
SWEEPING REQUIRED IF SEDIMENT  
IS TRACKED ONTO ROADWAY.

MATTING TO BE STACKED IN  
MULTIPLE LAYERS/CRIBBING  
AS NECESSARY TO CREATE  
LEVEL WORK AREA.

CONSTRUCTION MATS USED TO BUILD THE  
TEMPORARY CRANE PAD THAT EXTENDS BELOW  
THE SPRING HIGH TIDE LINE ARE TO BE  
ANCHORED IN PLACE. SECONDARY  
CONTAINMENT DEVICES ARE TO BE PLACED  
BENEATH THE CRANE. CONSTRUCTION MATS  
TO BE MONITORED DURING CONSTRUCTION,  
AND REMOVE MATS, IF A MAJOR COASTAL  
STORM IS FORECAST

SAKONNET RIVER (WBID RI001003131E-01B)

Sakonnet  
River

- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- No Improvements - Existing Access (15' Wide)
- Straw Wattle
- Reinforced Silt Fence
- Orange Construction Barrier
- Limit of Grading Disturbance
- No Improvements - Existing Access (15' Wide)
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Mow Only
- Pull Site - Mow Only and Matting
- Matted Work Pad - Stacked Mats
- Construction Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Town Boundary
- Parcel Boundary
- Top of Manmade Shoreline
- Coastal Beach
- Perennial Stream or River
- Mean Annual High Water Line
- River/Stream Jurisdictional Area (200')
- 200 ft CRMC Contiguous Area
- FEMA - 100 Year Floodplain
- Inlet Protection
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station.
- 3 Soil stockpile area encompassed with perimeter erosion controls.
- 5 Install temporary mud box.
- 6 Construction mats used to build the temporary crane pad or work pad that extends below the spring high tide line are to be anchored in place. Secondary containment devices are to be placed beneath the crane and other equipment. Roll-off containers lined with polyethylene sheeting are to be used to contain the steel members of the existing steel lattice structures to be removed.
- 7

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
APPROVED WITH CONDITIONS  
SPECIFIED IN THE LETTER OF APPROVAL  
DATED: OCT 31 2024 FILE #: 24-0174

NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
APPROVED PLANS MUST BE AT CONSTRUCTION SITE

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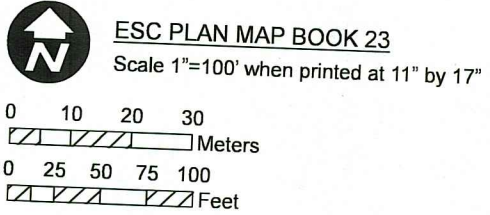
REVISIONS:

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NOTES:  
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Providence, RI 02907

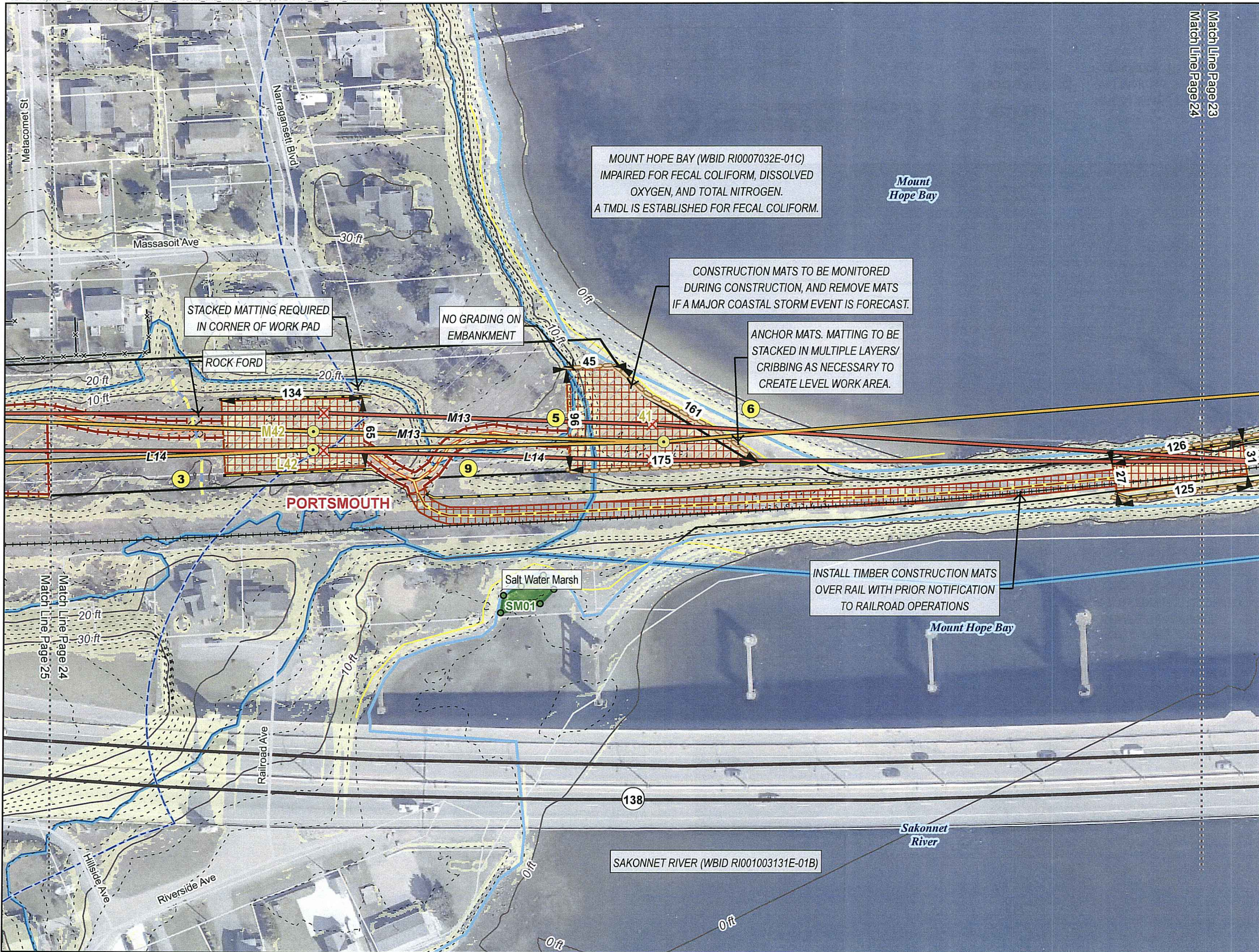


POWER Engineers, Inc  
2 Hampshire Street Suite 301  
Foxborough, MA 02035

SOIL EROSION AND SEDIMENT  
CONTROL PLAN  
L14 & M13 Mainline Rebuild Project  
Rhode Island Energy  
Towns of Tiverton and Portsmouth  
State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 23 of 47
----------------	----------------	-----------------	----------------

CRMC / DEM minor overlap



MOUNT HOPE BAY (WBID RI0007032E-01C)  
IMPAIRED FOR FECAL COLIFORM, DISSOLVED  
OXYGEN, AND TOTAL NITROGEN.  
A TMDL IS ESTABLISHED FOR FECAL COLIFORM.

CONSTRUCTION MATS TO BE MONITORED  
DURING CONSTRUCTION, AND REMOVE MATS  
IF A MAJOR COASTAL STORM EVENT IS FORECAST.

ANCHOR MATS. MATTING TO BE  
STACKED IN MULTIPLE LAYERS/  
CRIBBING AS NECESSARY TO  
CREATE LEVEL WORK AREA.

INSTALL TIMBER CONSTRUCTION MATS  
OVER RAIL WITH PRIOR NOTIFICATION  
TO RAILROAD OPERATIONS

STACKED MATTING REQUIRED  
IN CORNER OF WORK PAD

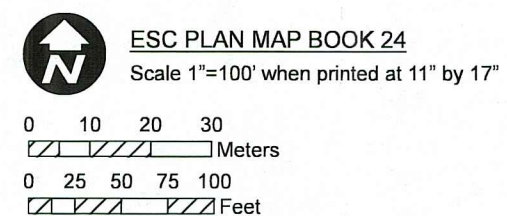
NO GRADING ON  
EMBANKMENT

- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- No Improvements - Existing Access (15' Wide)
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-foot and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Straw Wattle
- Reinforced Silt Fence
- Orange Construction Barrier
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-foot and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Work Area - Temporary Stone and Restore. Subsurface Grading Required.\*
- Temporary Work Area - Mow Only
- Pull Site - Temporary Stone and Restore; No Subsoil Grading
- Construction Matting
- Rock Ford
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Wetland Flag
- Fence
- Top of Manmade Shoreline
- Coastal Beach
- Coastal Dune
- Wetland Border
- Mean Annual High Water Line
- Area Subject to Storm Flowage (ASSF)
- 200 ft CRMC Contiguous Area
- Field Delineated Wetland
- FEMA - 100 Year Floodplain
- 3 Soil stockpile area encompassed with perimeter erosion controls.
- 5 Install temporary mud box.
- 6 Construction mats used to build the temporary crane pad or work pad that extends below the spring high tide line are to be anchored in place. Secondary containment devices are to be placed beneath the crane and other equipment.
- 9 Perimeter Sediment Controls

REVISIONS:  
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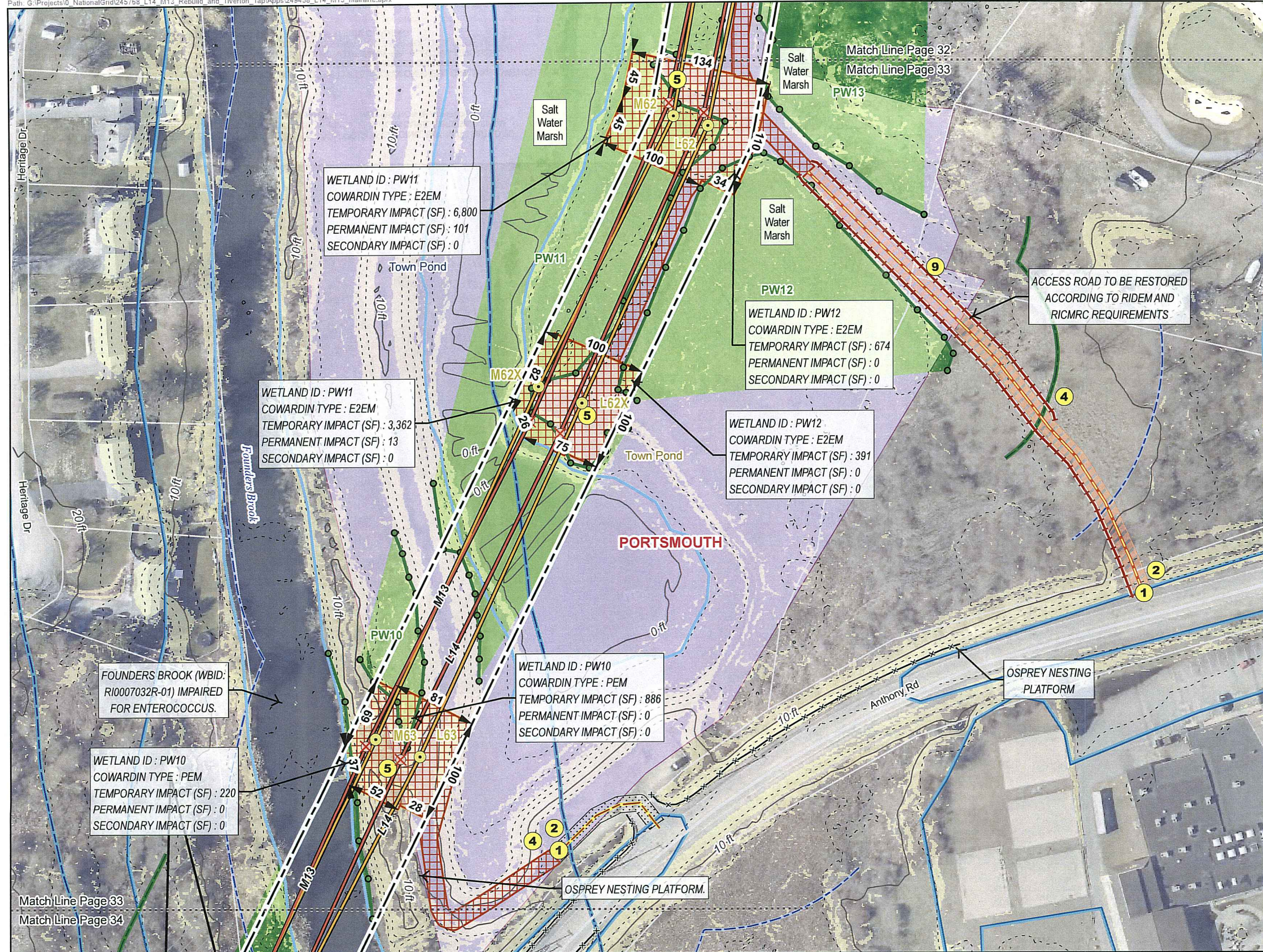


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POWER Engineers, Inc  
2 Hampshire Street Suite 301  
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<b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b>			
L14 & M13 Mainline Rebuild Project			
Rhode Island Energy			
Town of Portsmouth State of Rhode Island			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 24 of 47

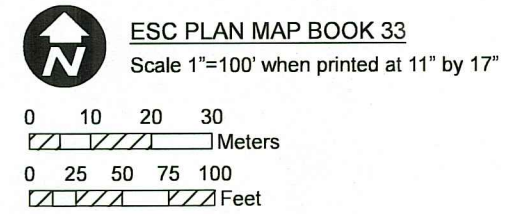
*\* ALL CRMC*



- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- Existing Right of Way
- No Improvements - Existing Access (15' Wide)
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
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- No Improvements - Existing Access (15' Wide)
- Temporary Work Area - Mow Only
- Construction Matting
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Mean Annual High Water Line
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- 200 ft CRMC Contiguous Area
- Field Delineated Wetland
- FEMA - 100 Year Floodplain
- Local Conservation Area
- State Conservation Area
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station.
- 4 Dewatering Area
- 5 Install temporary mud box.
- 9 Perimeter Sediment Controls

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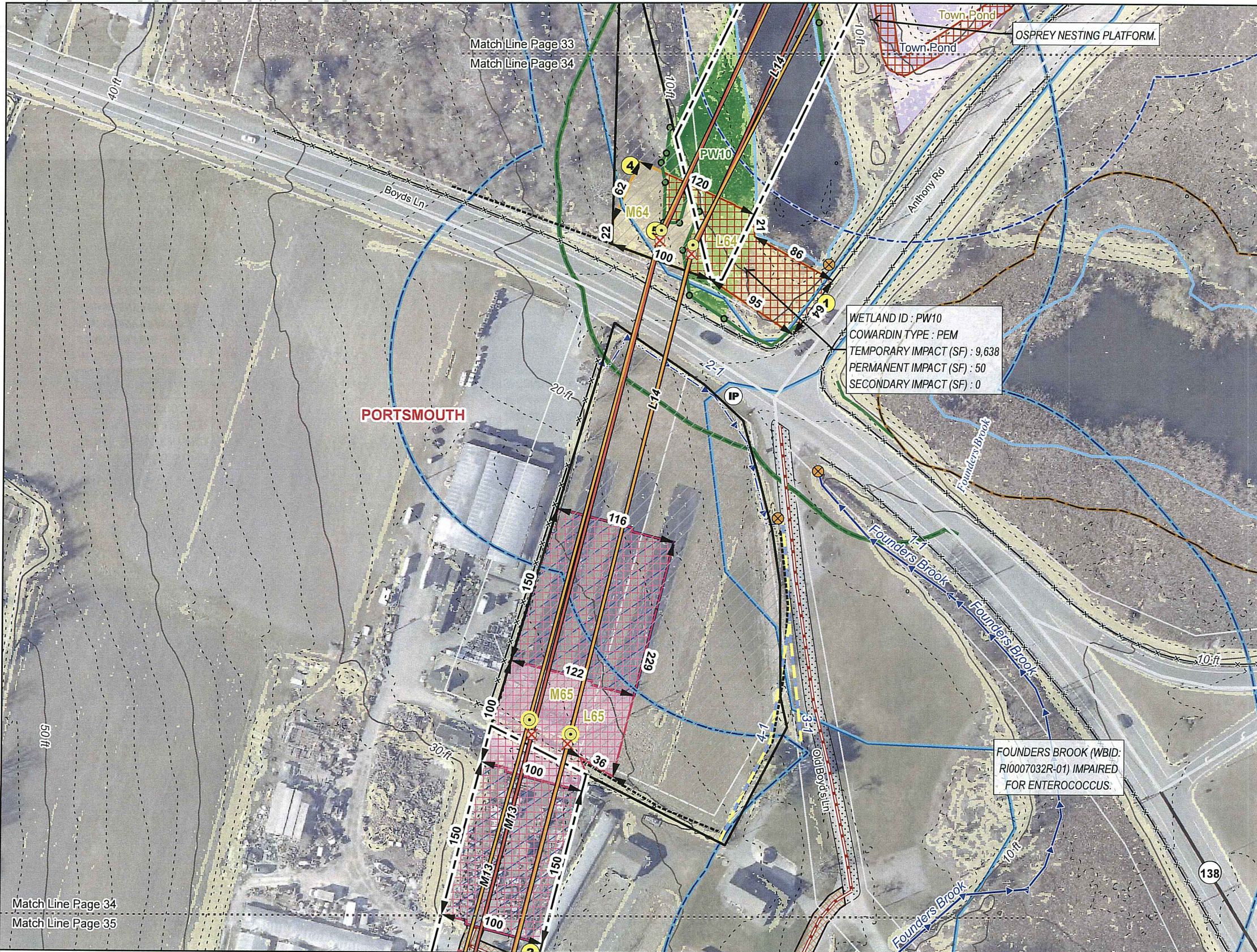


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 280 Melrose Street  
 Providence, RI 02907

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<b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b>			
L14 & M13 Mainline Rebuild Project			
Rhode Island Energy			
Town of Portsmouth			
State of Rhode Island			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 33 of 47

*\* CRMC ONLY \**



WETLAND ID : PW10  
 COWARDIN TYPE : PEM  
 TEMPORARY IMPACT (SF) : 9,638  
 PERMANENT IMPACT (SF) : 50  
 SECONDARY IMPACT (SF) : 0

FOUNDERS BROOK (WBID: RI0007032R-01) IMPAIRED FOR ENTEROCOCCUS.

- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- Existing Right of Way
- Type R - Refresh/Cap Existing Sub-base
- Type R - Refresh/Cap Existing Sub-base
- No Improvements - Existing Access (15' Wide)
- Temporary Work Area - Alternative Type Matting
- Temporary Work Area - Mow Only
- Pull Site - Mow Only and Matting
- Construction Matting
- Alternative Type Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Index Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Culvert
- Man Hole
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Perennial Stream or River
- Intermittent Stream
- Mean Annual High Water Line
- Area Subject to Storm Flowage (ASSF)
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- Lake/Pond Buffer Area (50')
- 200 ft CRMC Contiguous Area
- Field Delineated Wetland
- FEMA - 100 Year Floodplain
- Local Conservation Area
- State Conservation Area
- Inlet Protection
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station
- 4 Dewatering Area
- 5 Install temporary mud box.

APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: **OCT 31 2024** FILE #: **24-0176**  
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*Nancy L. Freeman*

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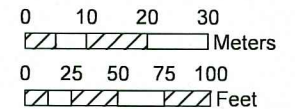
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**ESC PLAN MAP BOOK 34**  
 Scale 1"=100' when printed at 11" by 17"

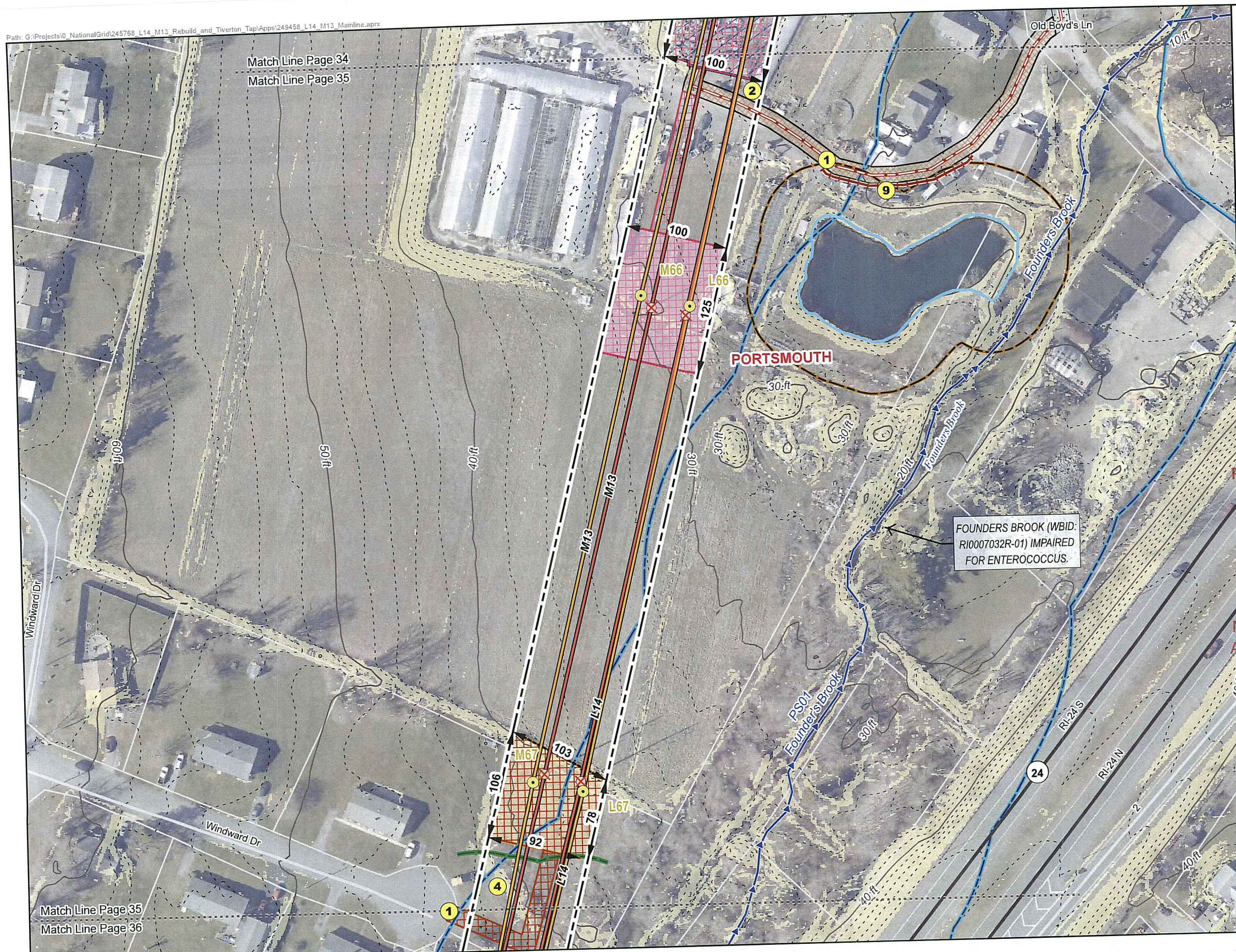


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**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Portsmouth  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 34 of 47
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Match Line Page 34  
Match Line Page 35



- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Type R - Refresh/Cap Existing Sub-base
- Perimeter Sediment Control
- Type R - Refresh/Cap Existing Sub-base
- No Improvements - Existing Access (15' Wide)
- Temporary Work Area - Alternative Type Matting
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- 0 - 15% Slope
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- Wetland Jurisdictional Area (100')
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- FEMA - 100 Year Floodplain
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station.
- 4 Dewatering Area
- 9 Perimeter Sediment Controls

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
OFFICE OF WATER RESOURCES  
FRESHWATER WETLANDS PROGRAM  
APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
DATED: OCT 31 2024 FILE #: 24-0176  
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*Nancy L. Freeman*

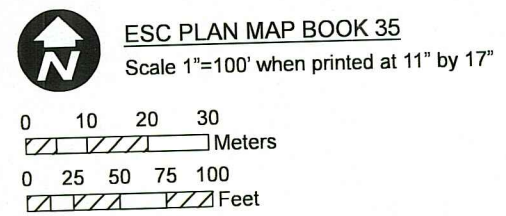
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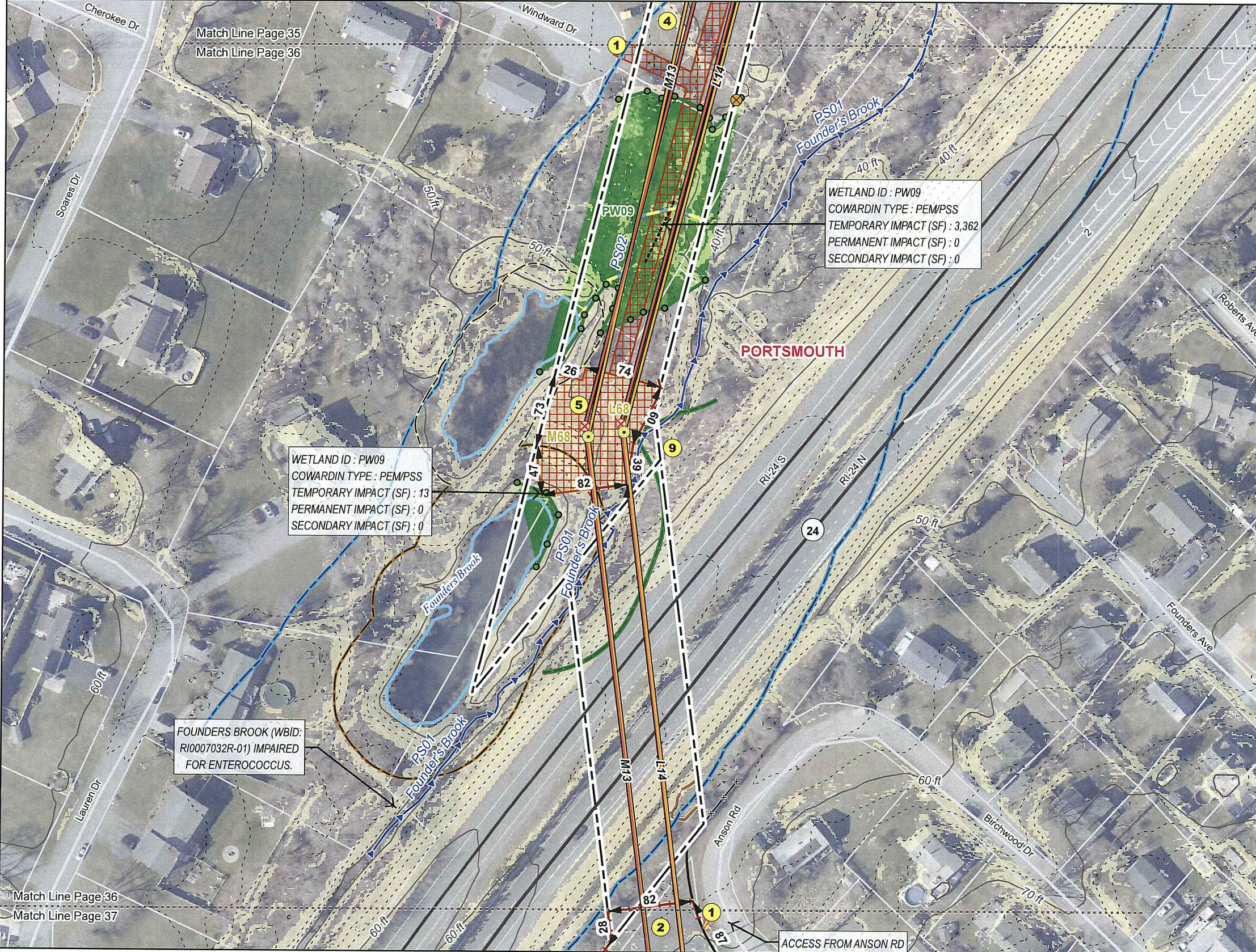
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RI Environmental Management  
JUL 12 2024  
Office of Water Resources

SOIL EROSION AND SEDIMENT CONTROL PLAN			
L14 & M13 Mainline Rebuild Project			
Rhode Island Energy			
Town of Portsmouth			
State of Rhode Island			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 35 of 47



- Proposed Structure
- ✕ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- ▭ RIE Owned Land
- ▭ Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Mow Only
- ▭ Construction Matting
- ▭ Tree Trimming or Removal
- State Highway
- Minor Road
- Index Contour (10' Interval)
- - - Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- ▭ Parcel Boundary
- ⊗ Culvert
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Perennial Stream or River
- Mean Annual High Water Line
- Area Subject to Storm Flowage (ASSF)
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- Lake/Pond Buffer Area (50')
- Lake/Pond Buffer Area (25')
- Field Delineated Wetland
- ① Install Stabilized construction ingress/egress
- ② Install temporary concrete wash station.
- ④ Dewatering Area
- ⑤ Install temporary mud box.
- ⑨ Perimeter Sediment Controls

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**  
 APPROVED WITH CONDITIONS AS  
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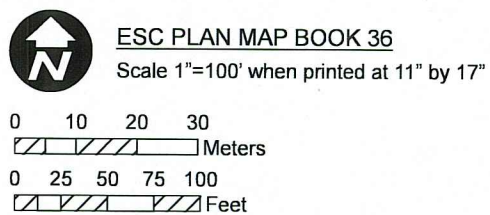
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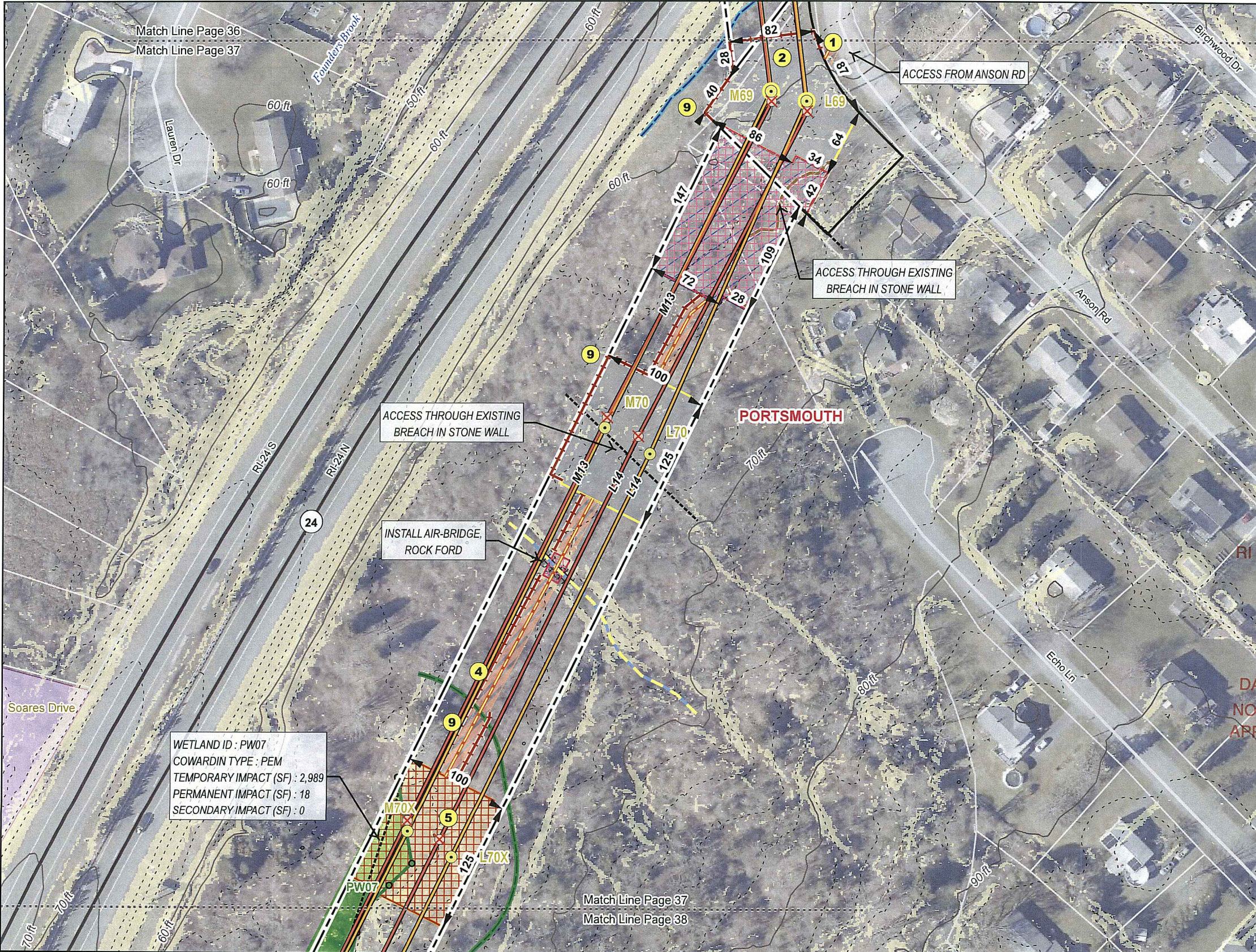


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 a PPL company  
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 280 Melrose Street  
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RI Environmental Management  
**JUL 12 2024**  
 Office of Water Resources

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Portsmouth  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 36 of 47
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- Proposed Structure
- ✗ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
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- Construction Matting
- Alternative Type Matting
- Rock Ford
- Tree Trimming or Removal
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Area Subject to Storm Flowage (ASSF)
- River/Stream Jurisdictional Area (200')
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- Local Conservation Area
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station.
- 4 Dewatering Area
- 5 Install temporary mud box.
- 9 Perimeter Sediment Controls

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**

**APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL**  
**DATED: OCT 31 2024** FILE #: 24-0176

**NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL**  
**APPROVED PLANS MUST BE AT CONSTRUCTION SITE**  
 REVISIONS: *Nancy L. Freeman*

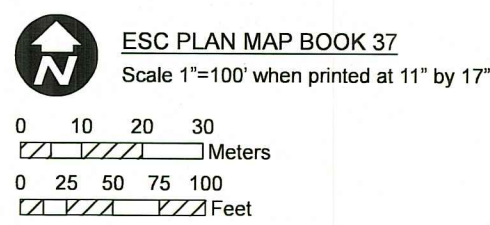
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**POWER ENGINEERS**  
 POWER Engineers, Inc  
 2 Hampshire Street Suite 301  
 Foxborough, MA 02035

**NOTES:**  
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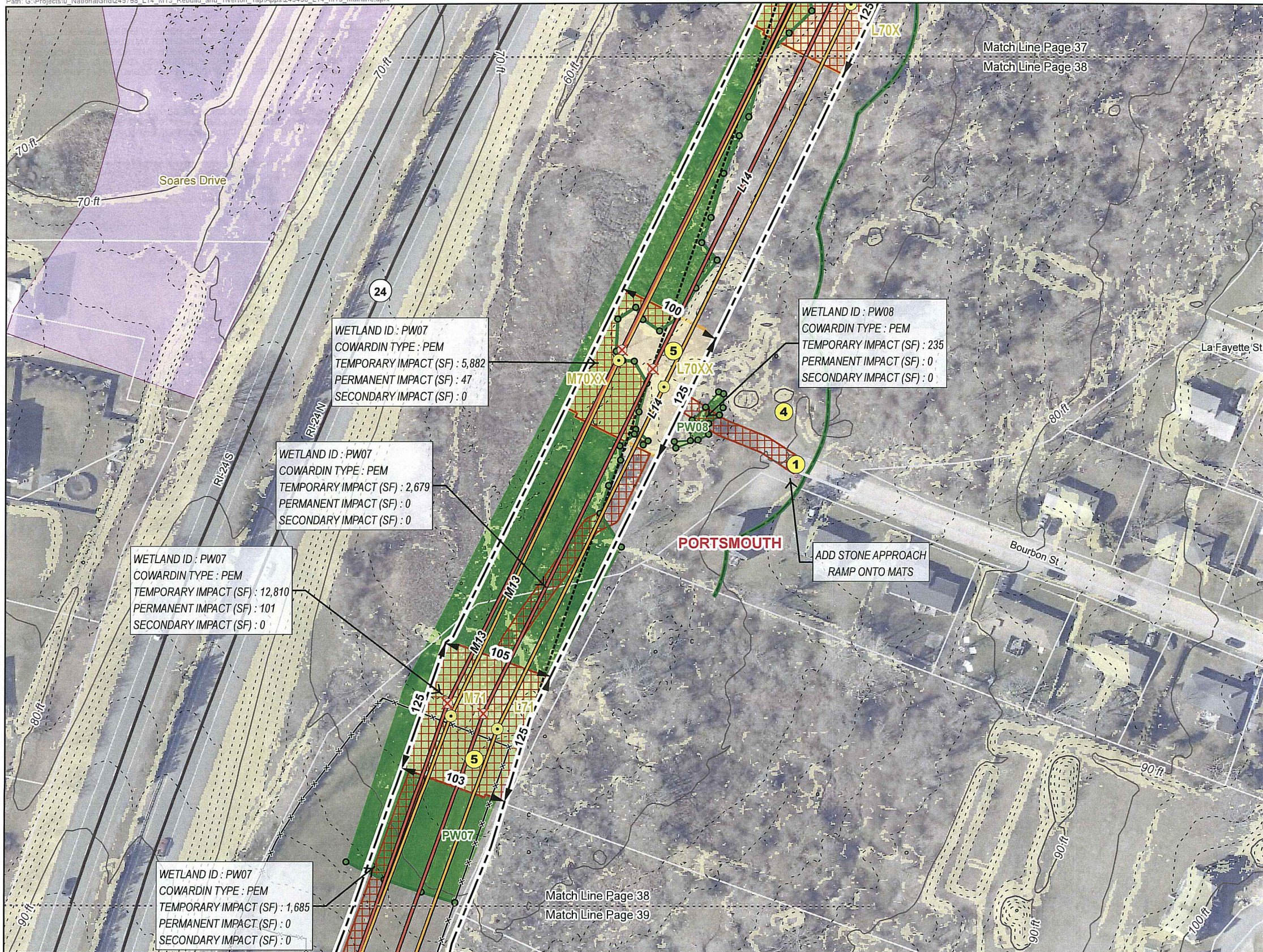


**Rhode Island Energy**  
 a PPL company  
 Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

**RI Environmental Management**  
**Office of Water Resources**  
**JUL 12 2024**

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
**L14 & M13 Mainline Rebuild Project**  
 Rhode Island Energy  
 Town of Portsmouth  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 37 of 47
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- Proposed Structure
- ✕ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Temporary Work Area - Alternative Type Matting
- Temporary Work Area - Mow Only
- Construction Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Isolated Wetland Border
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- Local Conservation Area

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: **OCT 31 2024** FILE #: **24-0176**  
*Nancy L. Freeman*

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**ESC PLAN MAP BOOK 38**  
 Scale 1"=100' when printed at 11" by 17"

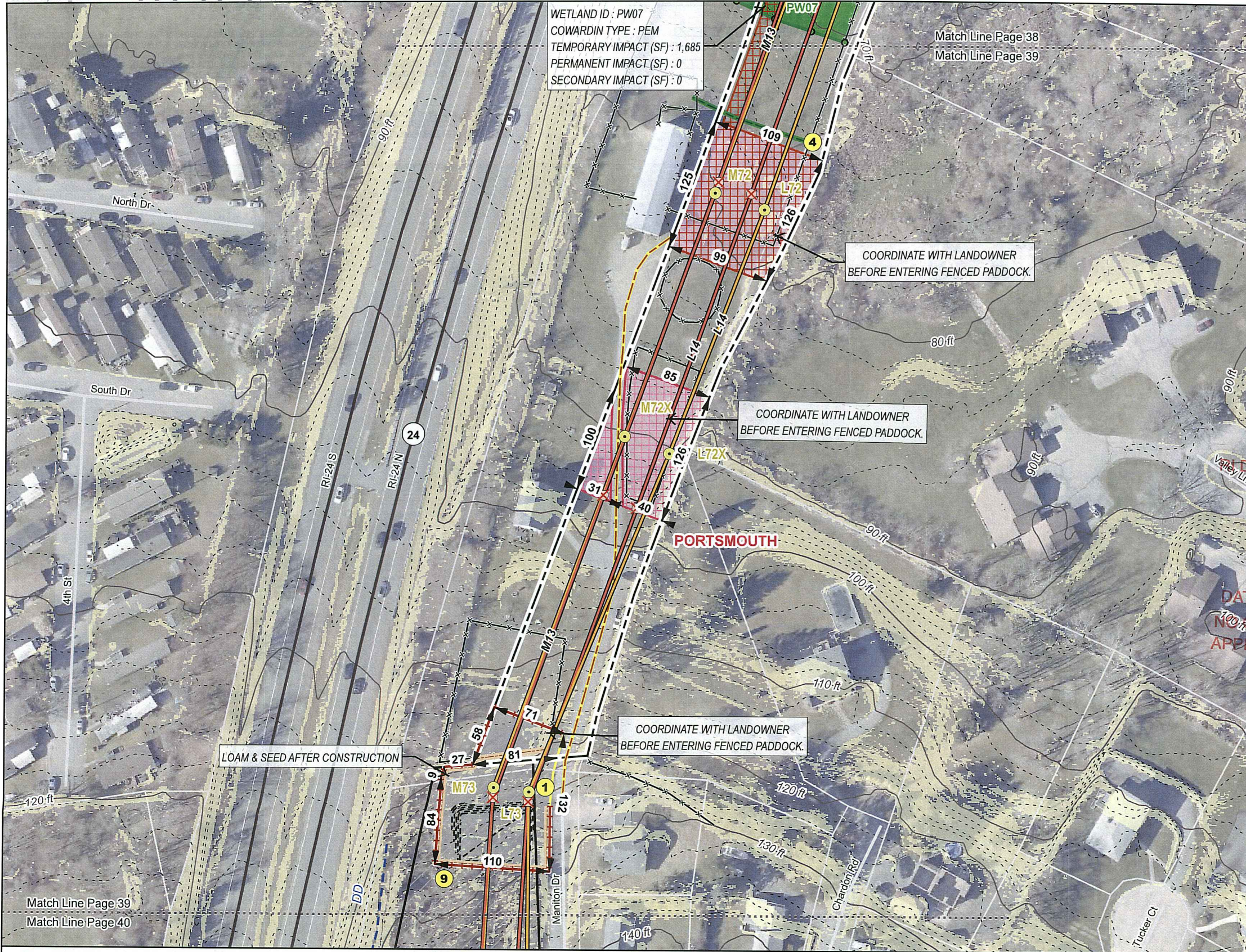
0 10 20 30  
 Meters

0 25 50 75 100  
 Feet

Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

Environmental Management  
 JUL 12 2024  
 Office of Water Resources

<b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b>			
L14 & M13 Mainline Rebuild Project			
Rhode Island Energy			
Town of Portsmouth State of Rhode Island			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 38 of 47



- Proposed Structure
- ✕ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- ▭ RIE Owned Land
- ▭ Existing Right of Way
- No Improvements - Existing Access (15' Wide)
- Perimeter Sediment Control
- Reinforced Silt Fence
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Alternative Type Matting
- Construction Matting
- Alternative Type Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- ▭ Parcel Boundary
- Wetland Flag
- Fence
- Stone Wall
- Wetland Border
- Ditch
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- 1 Install Stabilized construction ingress/egress
- 4 Dewatering Area
- 9 Perimeter Sediment Controls

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
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*Nancy L. Freeman*

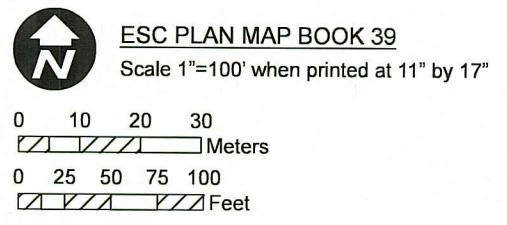
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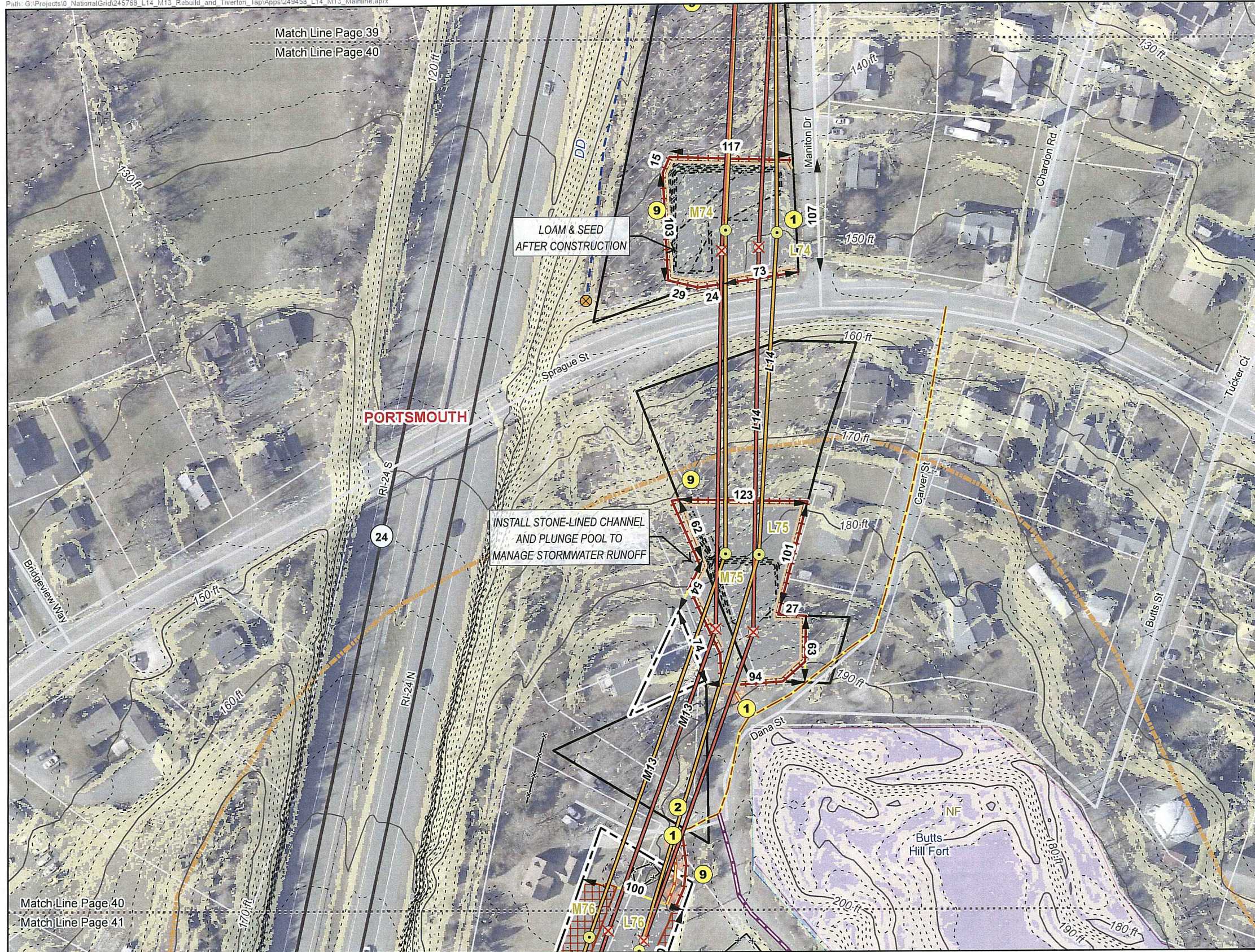
Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

RI Environmental Management  
**JUL 12 2024**  
 Office of Water Resources

SOIL EROSION AND SEDIMENT CONTROL PLAN  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Portsmouth  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 39 of 47
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Match Line Page 39  
Match Line Page 40



- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- RIE Owned Land
- Existing Right of Way
- No Improvements - Existing Access (15' Wide)
- Alternate Existing Access - No Improvements
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-foot and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Reinforced Silt Fence
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-foot and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Install Stabilized construction ingress/egress
- Install temporary concrete wash station.
- Perimeter Sediment Controls
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Construction Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- Preliminary Grading Contour
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Culvert
- Fence
- Stone Wall
- Ditch
- Historic District
- Local Conservation Area
- State Conservation Area

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**  
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Foxborough, MA 02035

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**ESC PLAN MAP BOOK 40**  
Scale 1"=100' when printed at 11" by 17"

0 10 20 30  
Meters

0 25 50 75 100  
Feet

**Rhode Island Energy**  
a PPL company

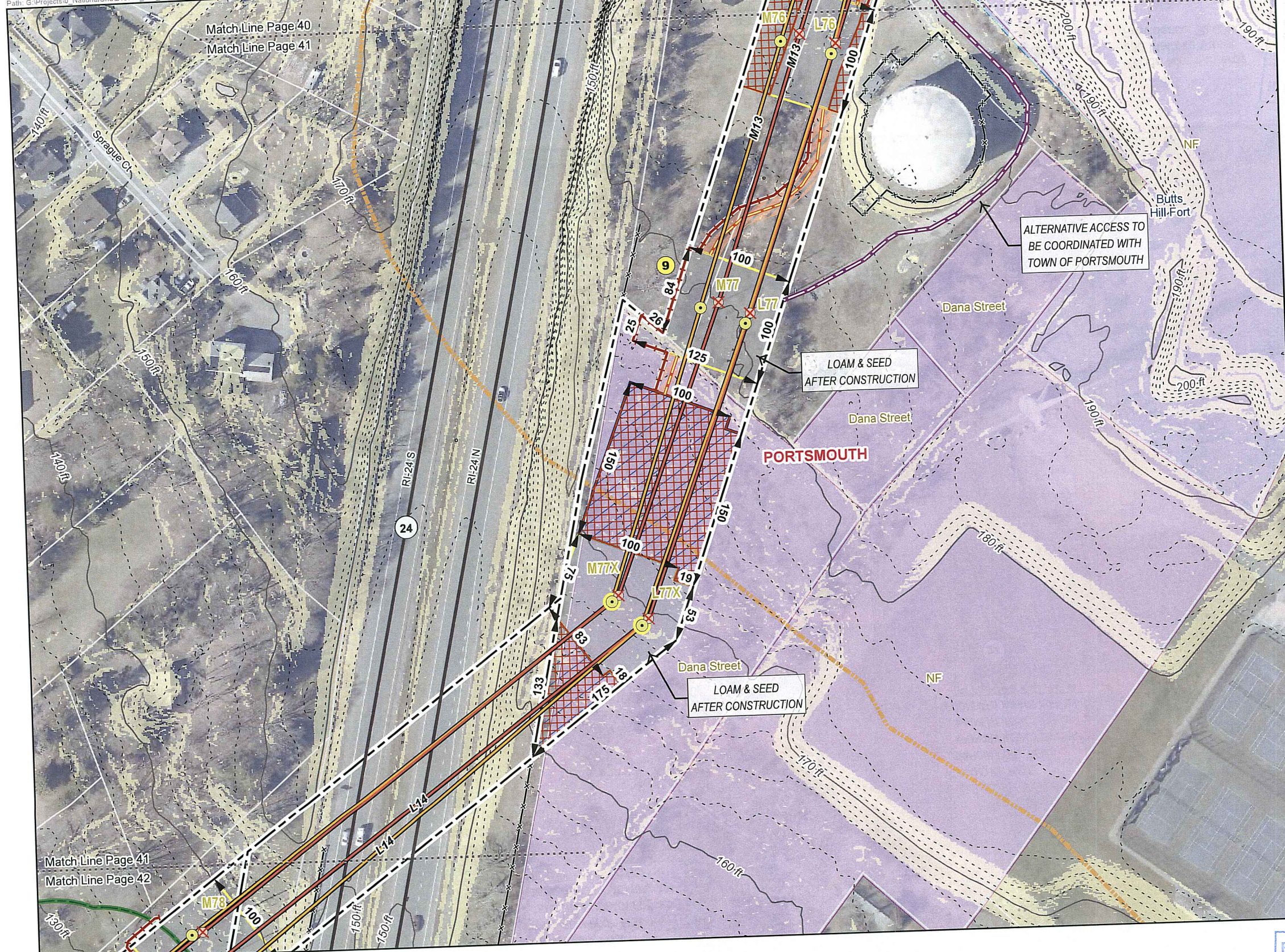
Rhode Island Energy  
280 Melrose Street  
Providence, RI 02907

JUL 12 2024

Office of Water Resources

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
L14 & M13 Mainline Rebuild Project  
Rhode Island Energy  
Town of Portsmouth  
State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 40 of 47
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- Proposed Structure
- ✕ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Existing Right of Way
- Alternate Existing Access - No Improvements
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Perimeter Sediment Control
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Pull Site - Mow Only and Matting
- Construction Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Fence
- Wetland Jurisdictional Area (100')
- Historic District
- Local Conservation Area
- State Conservation Area
- Perimeter Sediment Controls

OCT 31 2024

**RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**  
**OFFICE OF WATER RESOURCES**  
**FRESHWATER WETLANDS PROGRAM**

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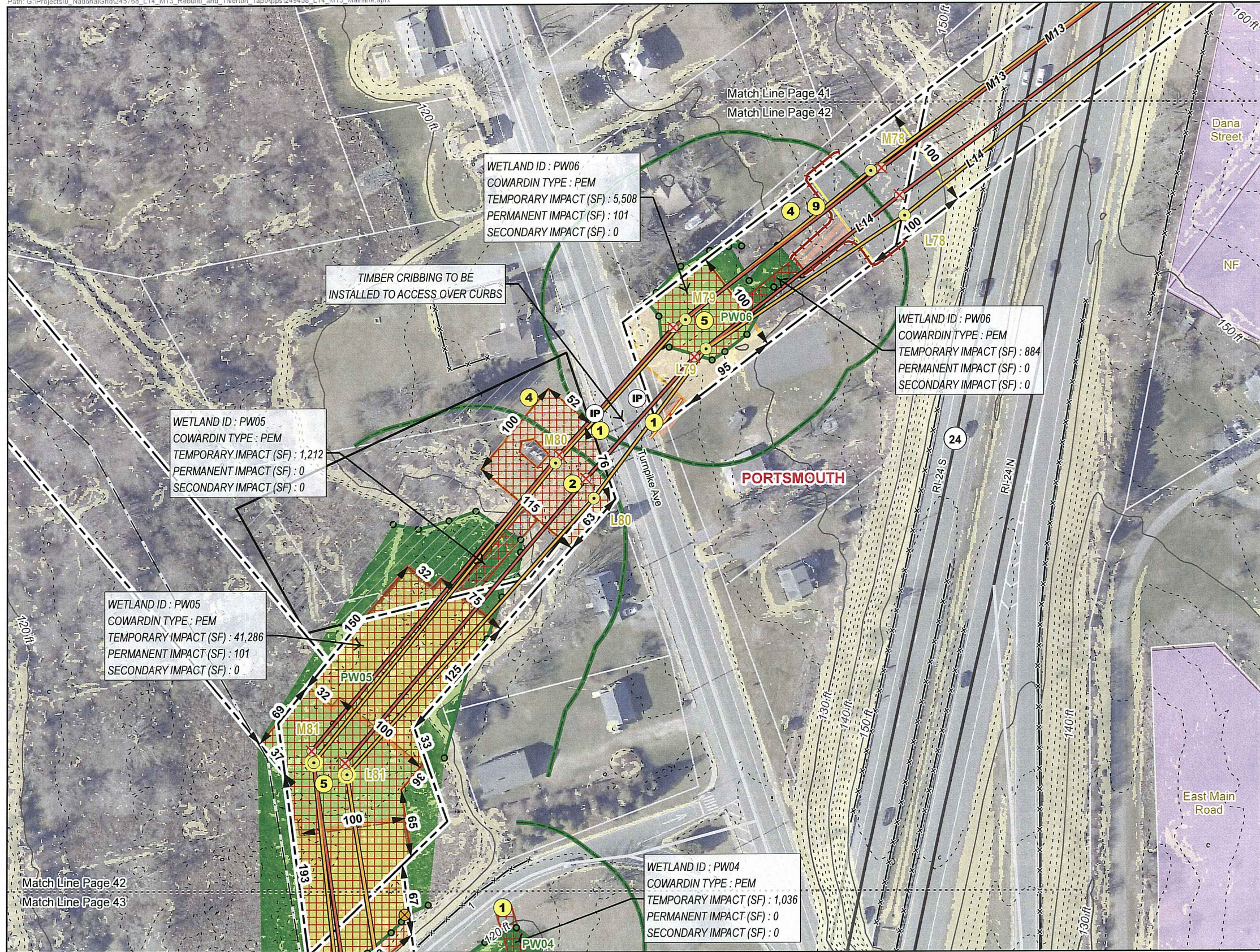
ESC PLAN MAP BOOK 41  
 Scale 1"=100' when printed at 11" by 17"

0 10 20 30  
 0 25 50 75 100  
 Meters  
 Feet

**Rhode Island Energy**  
 a PPL company  
 Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

RI Environmental Management  
**JUL 12 2024**  
 Office of Water Resources

<b>SOIL EROSION AND SEDIMENT CONTROL PLAN</b>			
L14 & M13 Mainline Rebuild Project			
Rhode Island Energy			
Town of Portsmouth State of Rhode Island			
SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 41 of 47



	Proposed Structure		Construction Matting
	Structure To Be Removed		State Highway
	Proposed Structure with Concrete Foundation		Minor Road
	Existing Transmission Line		Index Contour (10' Interval)
	Proposed Transmission Line		Contour (2' Interval)
	Distribution Line		0 - 15% Slope
	RIE Owned Land	> 15% Slope symbol"/>	> 15% Slope
	Existing Right of Way		Parcel Boundary
	Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications		Culvert
	Perimeter Sediment Control		Wetland Flag
	Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications		Fence
	Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work		Wetland Border
	Temporary Work Area - Mow Only		Wetland Jurisdictional Area (100')
	Pull Site - Mow Only and Matting		Field Delineated Wetland
	Matted Work Pad - Stacked Mats		Local Conservation Area
			Inlet Protection
			1 Install Stabilized construction ingress/egress
			2 Install temporary concrete wash station.
			4 Dewatering Area
			5 Install temporary mud box.
			9 Perimeter Sediment Controls

OCT 31 2024  
 RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
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	POWER Engineers, Inc 2 Hampshire Street Suite 301 Foxborough, MA 02035
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ESC PLAN MAP BOOK 42  
 Scale 1"=100' when printed at 11" by 17"

0 10 20 30

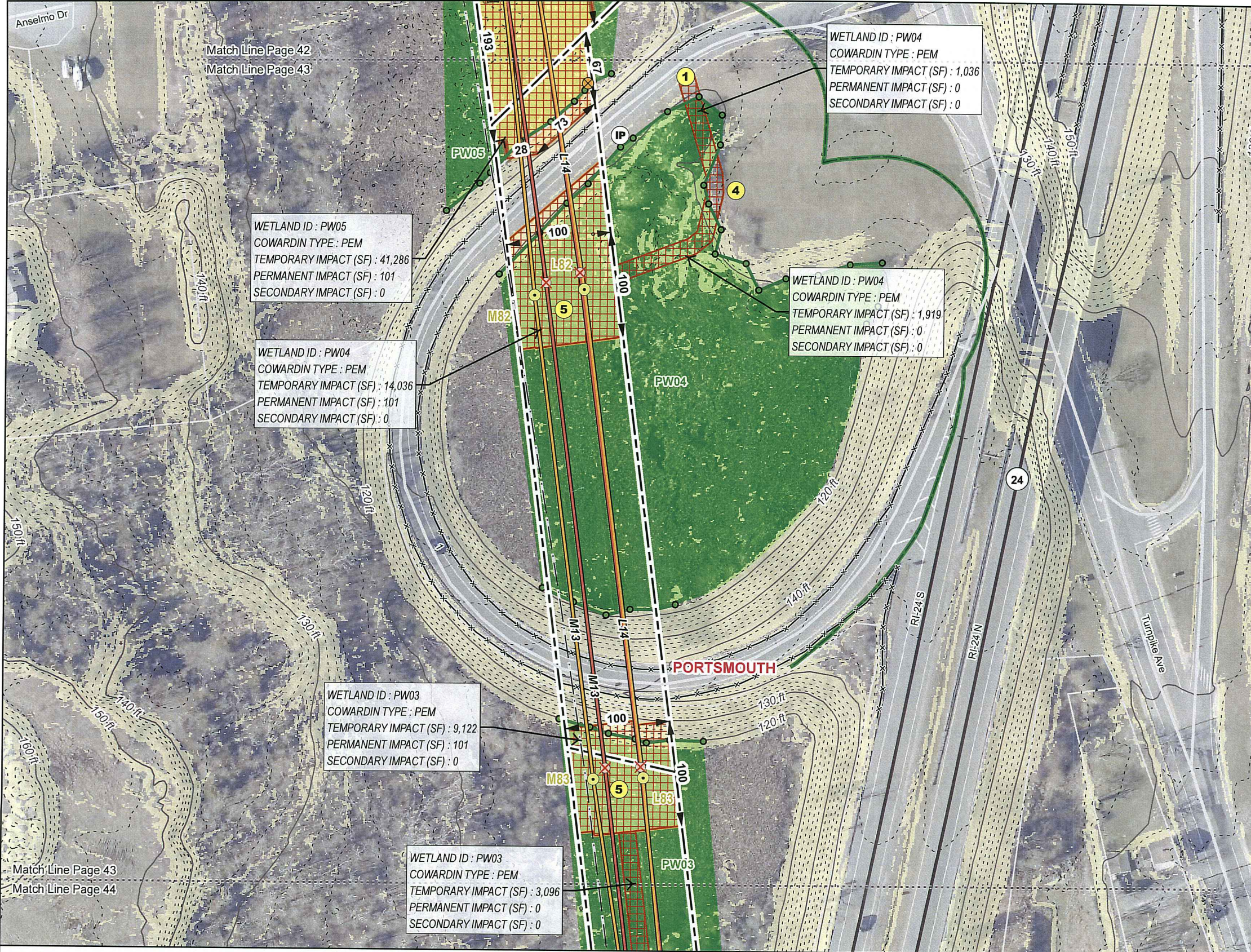
0 25 50 75 100

Rhode Island Energy  
 280 Melrose Street  
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JUL 12 2024  
 Office of Water Resources

SOIL EROSION AND SEDIMENT CONTROL PLAN  
 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Portsmouth  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 42 of 47
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Match Line Page 42  
Match Line Page 43

WETLAND ID : PW05  
COWARDIN TYPE : PEM  
TEMPORARY IMPACT (SF) : 41,286  
PERMANENT IMPACT (SF) : 101  
SECONDARY IMPACT (SF) : 0

WETLAND ID : PW04  
COWARDIN TYPE : PEM  
TEMPORARY IMPACT (SF) : 14,036  
PERMANENT IMPACT (SF) : 101  
SECONDARY IMPACT (SF) : 0

WETLAND ID : PW04  
COWARDIN TYPE : PEM  
TEMPORARY IMPACT (SF) : 1,036  
PERMANENT IMPACT (SF) : 0  
SECONDARY IMPACT (SF) : 0

WETLAND ID : PW04  
COWARDIN TYPE : PEM  
TEMPORARY IMPACT (SF) : 1,919  
PERMANENT IMPACT (SF) : 0  
SECONDARY IMPACT (SF) : 0

WETLAND ID : PW03  
COWARDIN TYPE : PEM  
TEMPORARY IMPACT (SF) : 9,122  
PERMANENT IMPACT (SF) : 101  
SECONDARY IMPACT (SF) : 0

WETLAND ID : PW03  
COWARDIN TYPE : PEM  
TEMPORARY IMPACT (SF) : 3,096  
PERMANENT IMPACT (SF) : 0  
SECONDARY IMPACT (SF) : 0

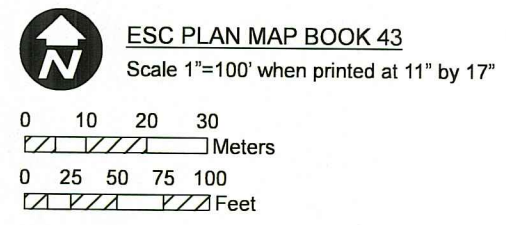
- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Distribution Line
- Existing Right of Way
- Temporary Work Area - Mow Only
- Matted Work Pad - Stacked Mats
- Construction Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
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- Fence
- Wetland Border
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland

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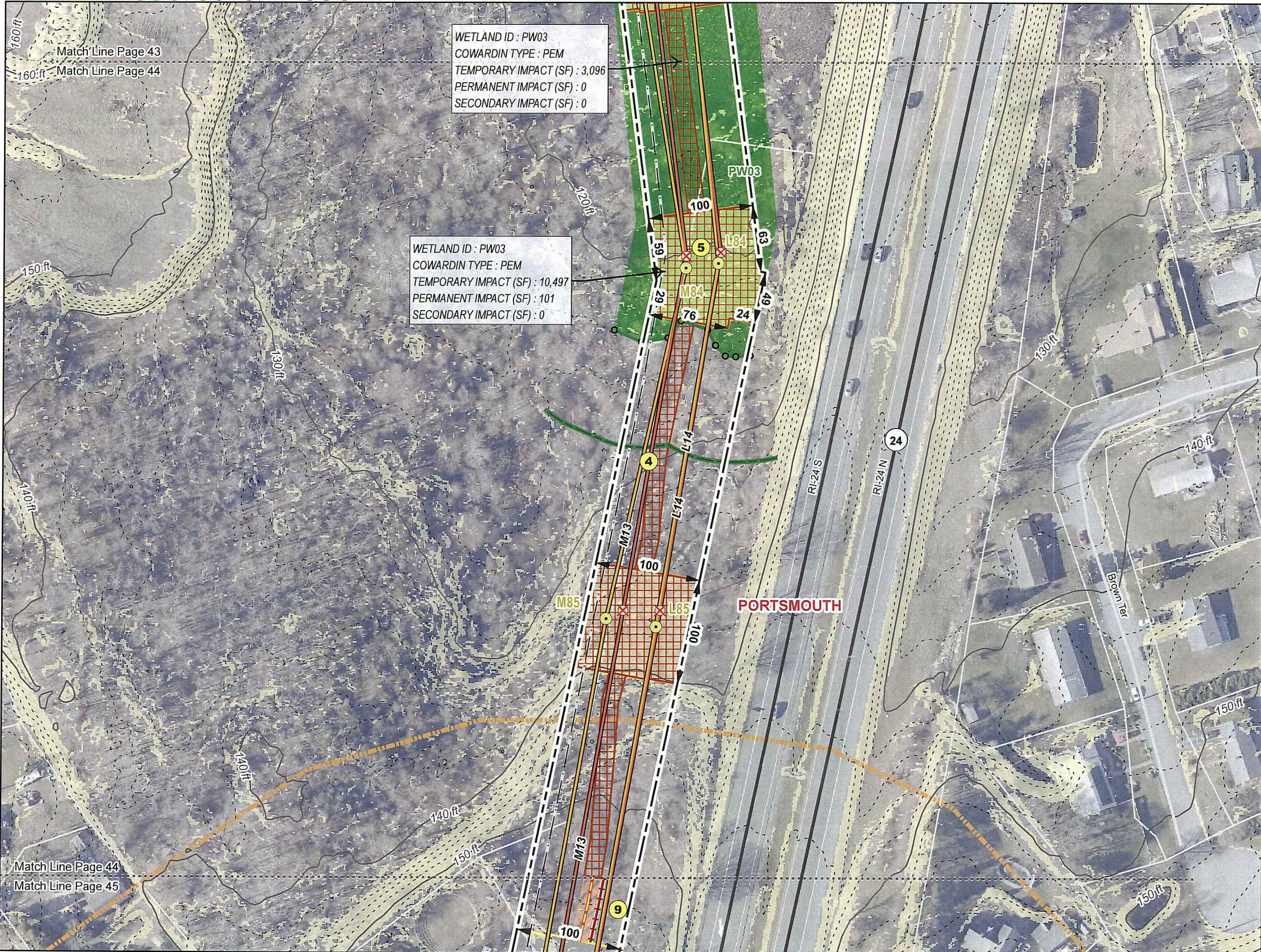


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 L14 & M13 Mainline Rebuild Project  
 Rhode Island Energy  
 Town of Portsmouth  
 State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 43 of 47
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- Proposed Structure
- ✕ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- - - Distribution Line
- ▭ Existing Right of Way
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- ▭ Perimeter Sediment Control
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-feet and 6 inches either side) and add depth of stone per standard Type-1 specifications
- ▭ Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
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**POWER ENGINEERS**  
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2 Hampshire Street Suite 301  
Foxborough, MA 02035

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**ESC PLAN MAP BOOK 44**  
Scale 1"=100' when printed at 11" by 17"

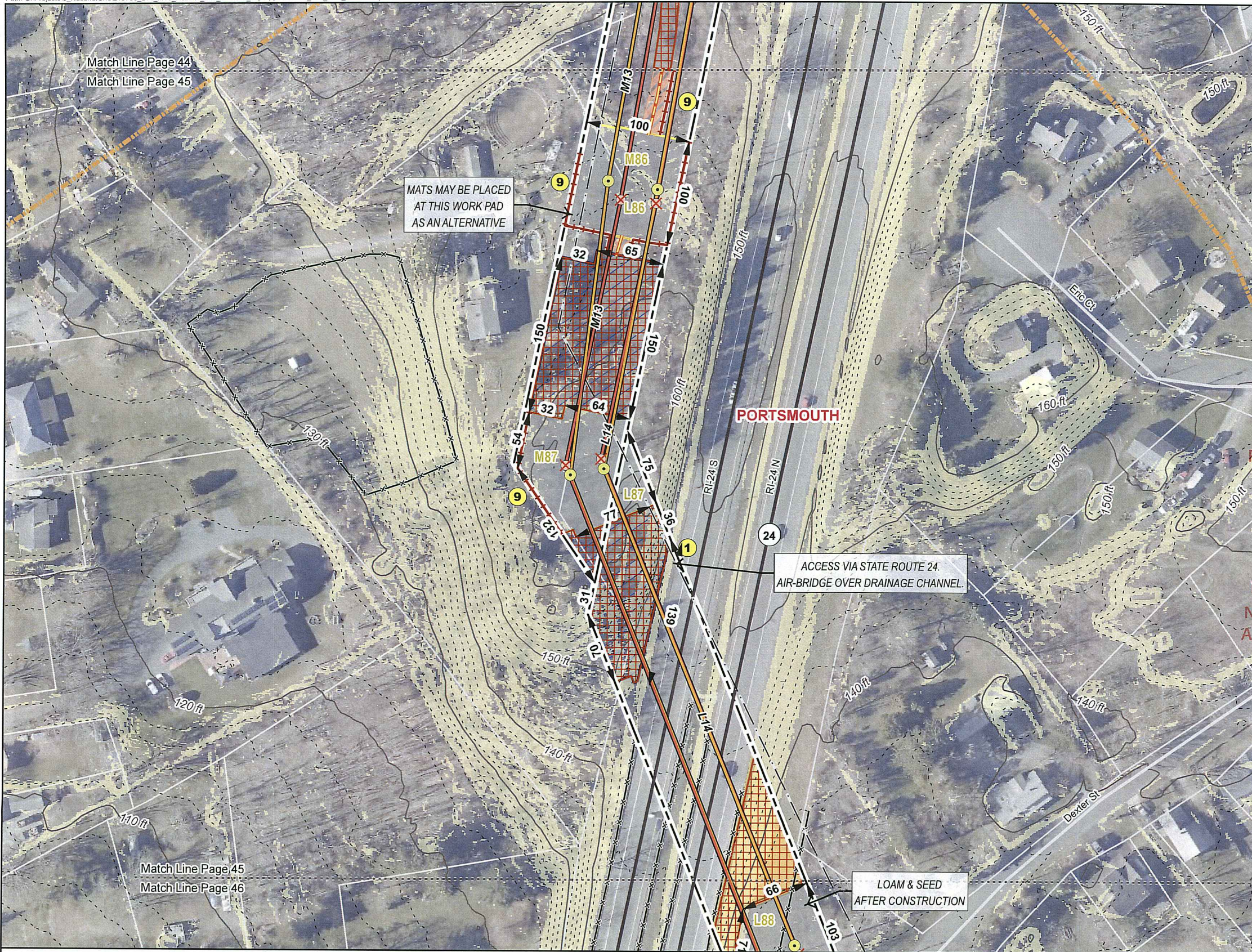
0 10 20 30 Meters  
0 25 50 75 100 Feet

**Rhode Island Energy**  
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Rhode Island Energy  
280 Melrose Street  
Providence, RI 02907

**SOIL EROSION AND SEDIMENT CONTROL PLAN**  
L14 & M13 Mainline Rebuild Project  
Rhode Island Energy  
Town of Portsmouth  
State of Rhode Island

**JUL 12 2024**  
Office of Water Resources

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 44 of 47
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- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Distribution Line
- Existing Right of Way
- Perimeter Sediment Control
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-foot and 6 inches either side) and add depth of stone per standard Type-1 specifications
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Pull Site - Mow Only and Matting
- Matted Work Pad - Stacked Mats
- Construction Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope
- Parcel Boundary
- Fence
- Historic District
- 1 Install Stabilized construction ingress/egress
- 9 Perimeter Sediment Controls

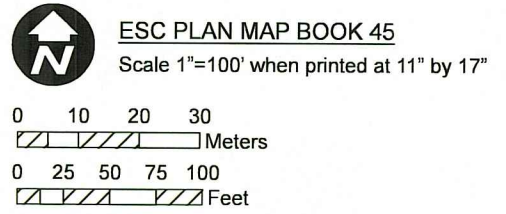
RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
 OFFICE OF WATER RESOURCES  
 FRESHWATER WETLANDS PROGRAM  
 APPROVED WITH CONDITIONS AS SPECIFIED IN THE LETTER OF APPROVAL  
 DATED: OCT 31 2024 FILE #: 24-0176  
 NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL  
 APPROVED PLANS MUST BE AT CONSTRUCTION SITE  
*Nancy L. Freeman*

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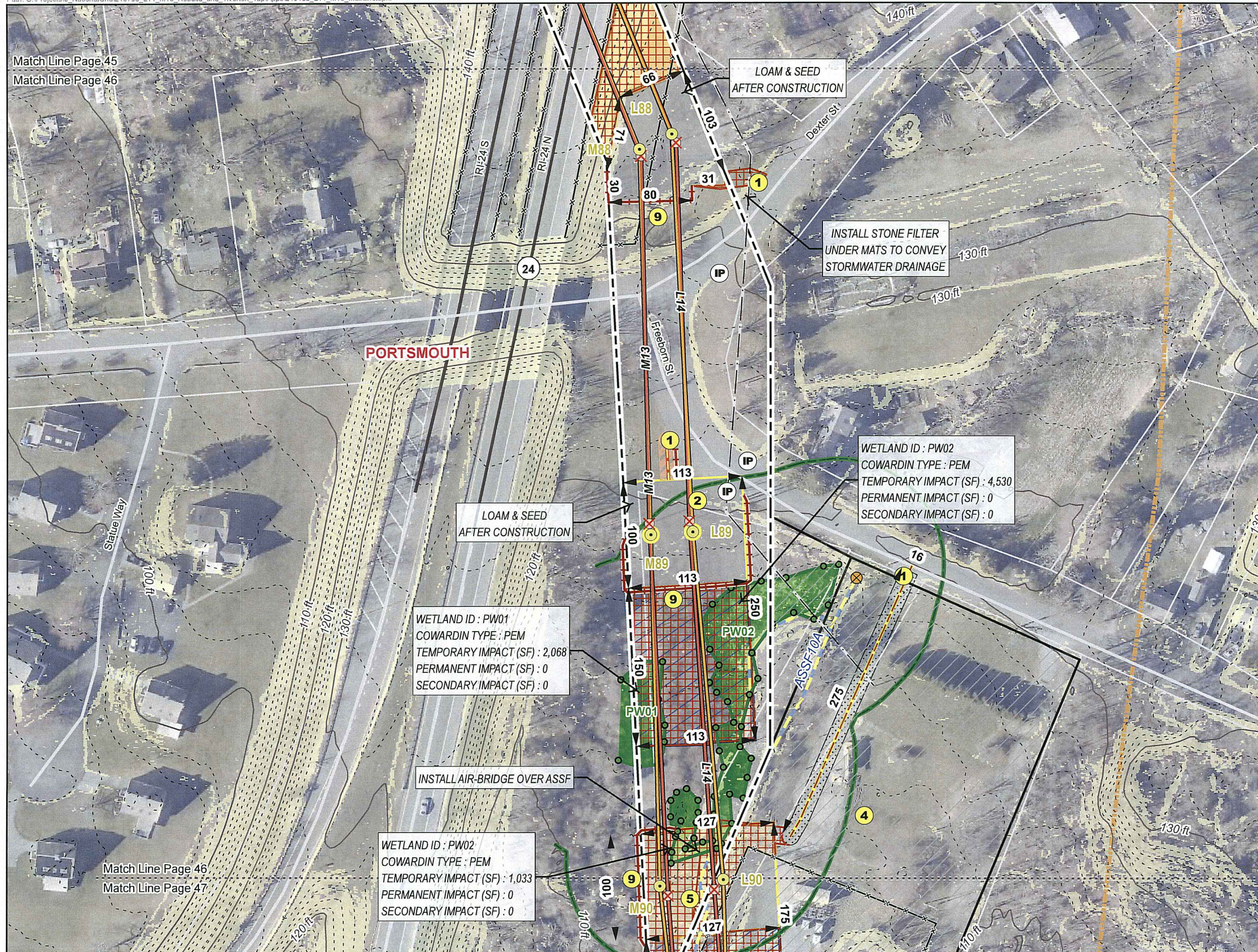
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 Rhode Island Energy  
 280 Melrose Street  
 Providence, RI 02907

 JUL 12 2024 Office of Water Resources	SOIL EROSION AND SEDIMENT CONTROL PLAN L14 & M13 Mainline Rebuild Project Rhode Island Energy Town of Portsmouth State of Rhode Island			
	SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 45 of 47

Match Line Page 45  
Match Line Page 46



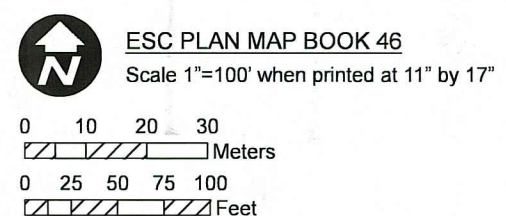
- Proposed Structure
- Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- Distribution Line
- RI Owned Land
- Existing Right of Way
- No Improvements - Existing Access (15' Wide)
- Minor Improvements - "Type 1 - RIE Standard Road", grade and scrape per specifications (15-foot and 6 inches either side) and add depth of stone per standard Type-1 specifications
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- No Improvements - Existing Access (15' Wide)
- Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- Temporary Work Area - Mow Only
- Pull Site - Mow Only and Matting
- Matted Work Pad - Stacked Mats
- Construction Matting
- State Highway
- Minor Road
- Index Contour (10' Interval)
- Contour (2' Interval)
- 0 - 15% Slope
- > 15% Slope symbol"/> > 15% Slope
- Parcel Boundary
- Culvert
- Wetland Flag
- Fence
- Wetland Border
- Area Subject to Storm Flowage (ASSF)
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- Historic District
- Inlet Protection
- 1 Install Stabilized construction ingress/egress
- 2 Install temporary concrete wash station
- 4 Dewatering Area
- 5 Install temporary mud box
- 9 Perimeter Sediment Controls

RI DEPARTMENT OF ENVIRONMENTAL MANAGEMENT  
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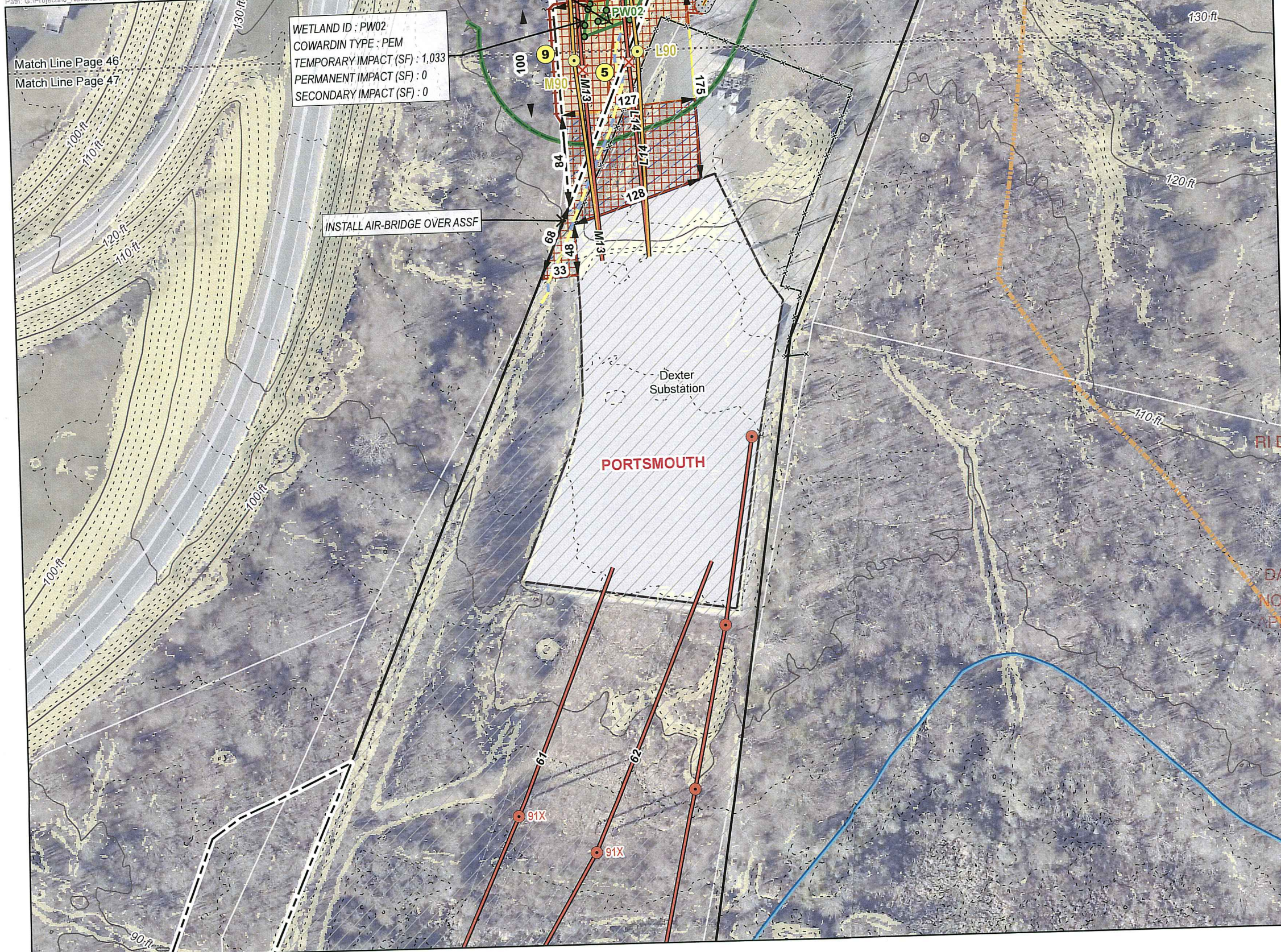


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L14 & M13 Mainline Rebuild Project  
Rhode Island Energy  
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State of Rhode Island

SCALE AS NOTED	JOB NO. 249458	DATE: 6/12/2024	SHEET 46 of 47
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WETLAND ID : PW02  
 COWARDIN TYPE : PEM  
 TEMPORARY IMPACT (SF) : 1,033  
 PERMANENT IMPACT (SF) : 0  
 SECONDARY IMPACT (SF) : 0

INSTALL AIR-BRIDGE OVER ASSF

Match Line Page 46  
 Match Line Page 47

- Existing Structure
- Proposed Structure
- ✕ Structure To Be Removed
- Proposed Structure with Concrete Foundation
- Existing Transmission Line
- Proposed Transmission Line
- ▭ Substation or Switching Station
- ▭ RIE Owned Land
- ▭ Existing Right of Way
- No Improvements - Existing Access (15' Wide)
- Perimeter Sediment Control
- ▭ No Improvements - Existing Access (15' Wide)
- ▭ Temporary Work Area - Stone - Cover with Top Soil and Stabilize Following Construction Work
- ▭ Temporary Work Area - Mow Only
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- ▭ Construction Matting
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- Index Contour (10' Interval)
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- 0 - 15% Slope
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- Parcel Boundary
- Wetland Flag
- Fence
- Wetland Border
- Area Subject to Storm Flowage (ASSF)
- Wetland Jurisdictional Area (100')
- Field Delineated Wetland
- FEMA - 100 Year Floodplain
- Historic District
- ④ Dewatering Area
- ⑤ Install temporary mud box.
- ⑨ Perimeter Sediment Controls

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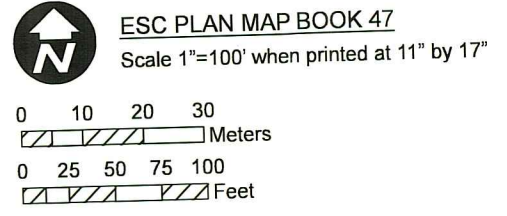
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