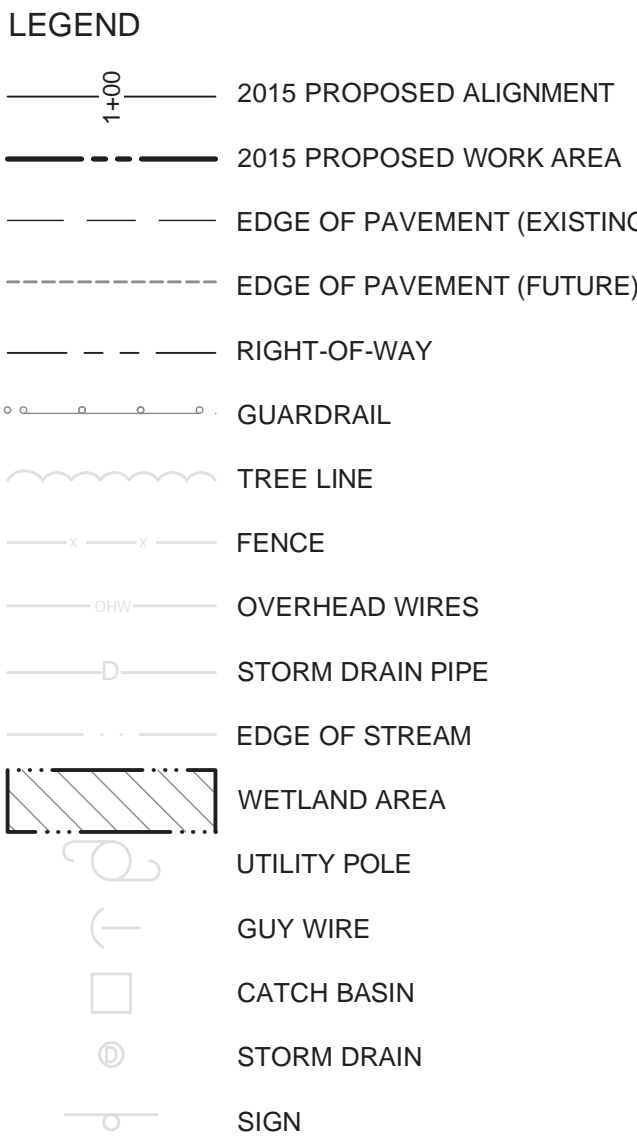
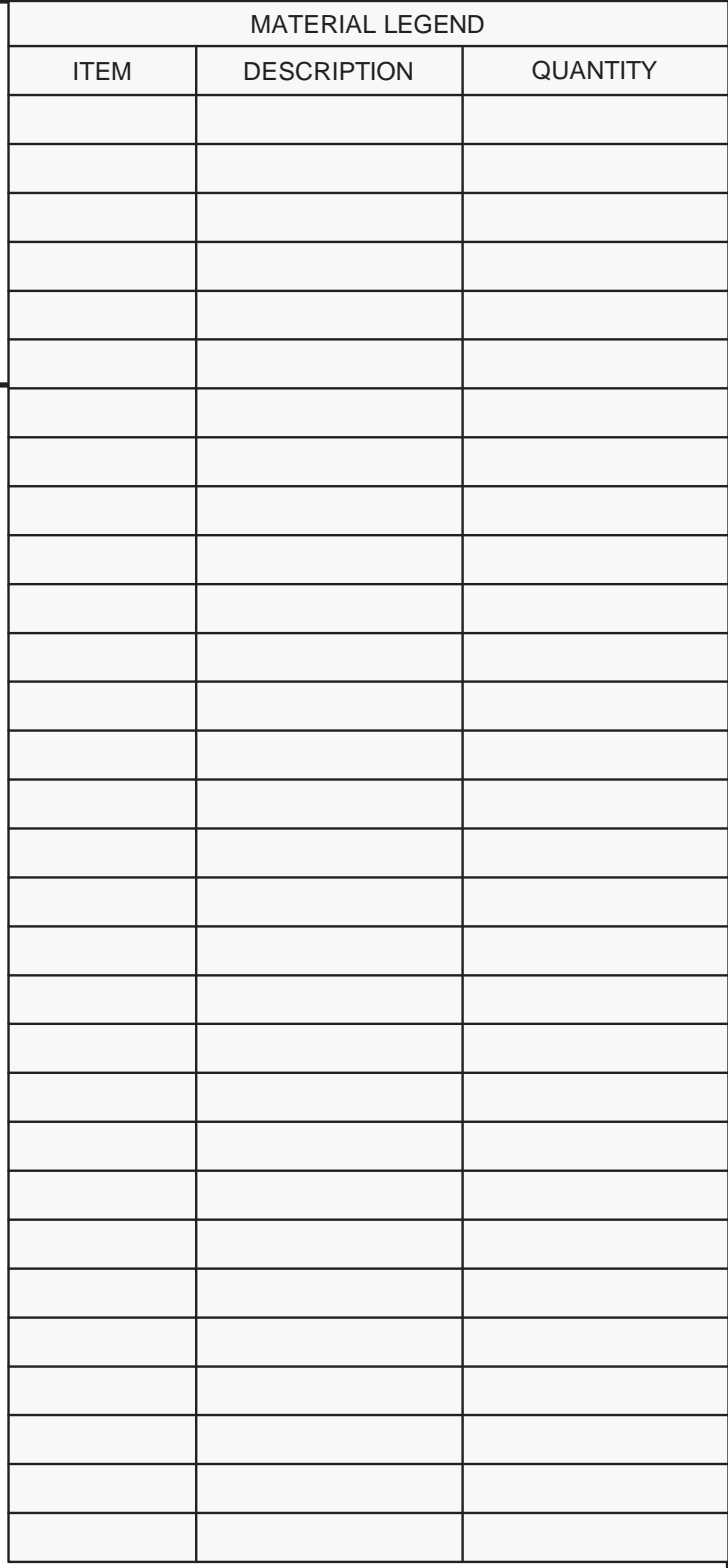
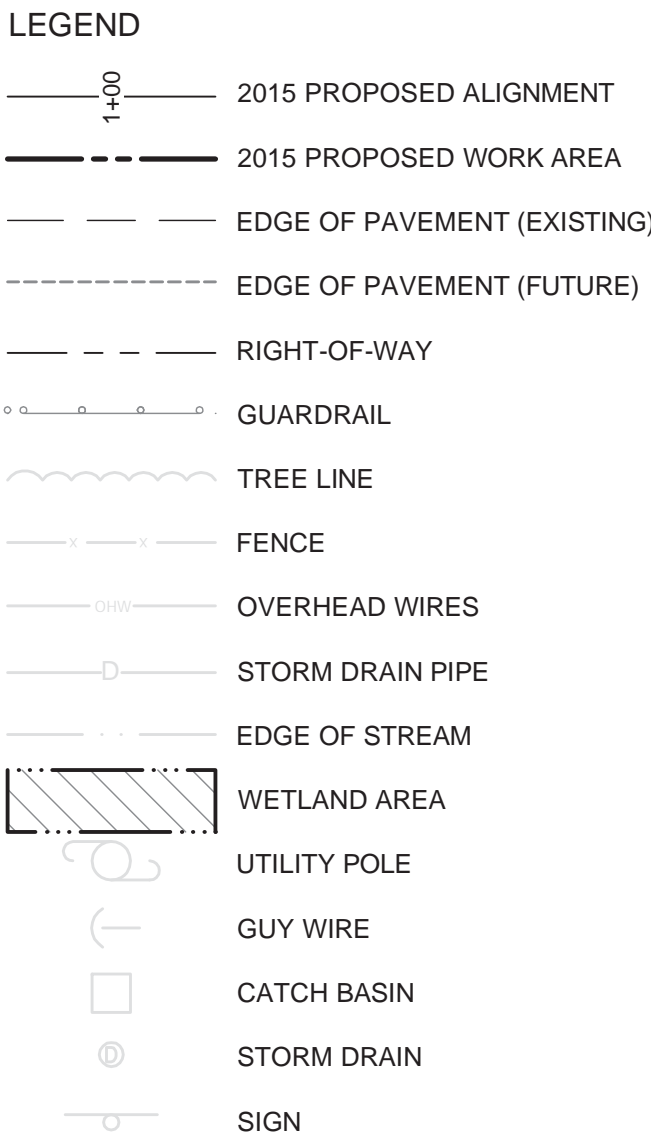
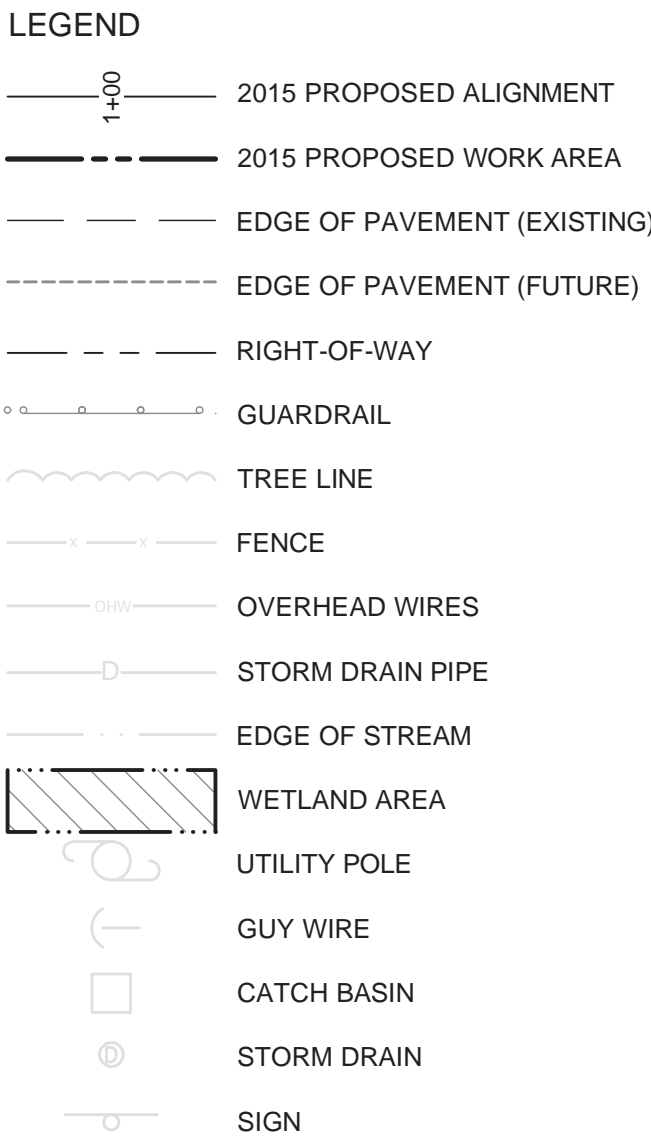
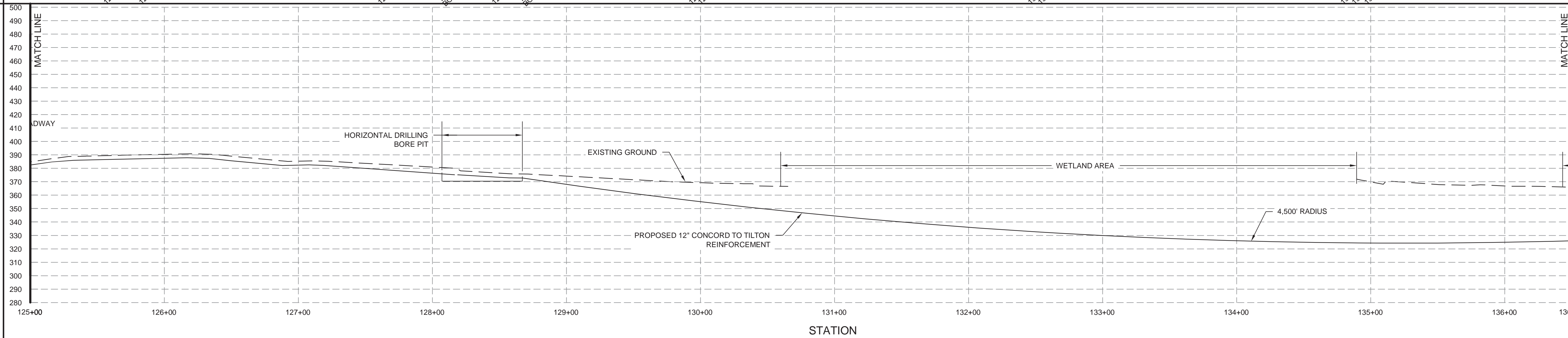


ATTACHMENT A





[illegible]

<div>SANBORN HEAD</div>	<div><div>VERTICAL SCALE</div><div><div>40.0'20.0'0'40.0'80.0'</div><div>40'20'0'40'80'</div></div><div>HORIZONTAL SCALE</div></div>	<div>DRAFT</div>					<div>DRAWN BY: D. DOMBROWSKY</div> <div>DESIGNED BY: T. SUDOL</div> <div>REVIEWED BY: E. STEINHAUSER</div> <div>PROJECT MGR: T. SUDOL</div> <div>PIC: M. NICOLORO</div> <div>DATE: JANUARY 2016</div>	<div>LIBERTY UTILITIES</div> <div>PHASE 2B TILTON HIGHLINE PROJECT</div> <div>LOUDON, NEW HAMPSHIRE</div>	PROJECT NUMBER:	
									3890.01	
								<div>PLAN AND PROFILE</div> <div>STATION 136+50 - 148+00</div>	SHEET NUMBER:	
									14 OF XX	
</										

SHEET NUMBER:
31 OF XX

ATTACHMENT B

Soucook River

North crossing

Distribution Main

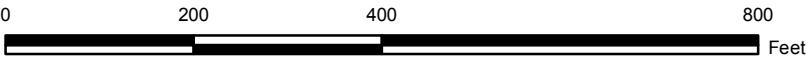
<all other values>

Subtype, Pressure Class

- Bare Steel, High Pressure
- Bare Steel, Intermediate Pressure
- Bare Steel, Low Pressure
- Bare Steel, Transmission Pressure
- Bare Steel, Unknown
- Cast Iron, High Pressure
- Cast Iron, Intermediate Pressure
- Cast Iron, Low Pressure
- Cast Iron, Unknown Pressure
- Coated Steel, High Pressure
- Coated Steel, Intermediate Pressure
- Coated Steel, Low Pressure
- Coated Steel, Transmission Pressure
- Coated Steel, Unknown Pressure
- Copper, Low Pressure
- Copper, Unknown Pressure
- High Density Plastic, High Pressure
- High Density Plastic, Intermediate
- High Density Plastic, Low Pressure
- High Density Plastic, Transmission Pressure
- High Density Plastic, Unknown Pressure
- Plastic, High Pressure
- Plastic, Intermediate Pressure
- Plastic, Low Pressure
- Plastic, Transmission Pressure
- Plastic, Unknown Pressure
- Wrought Iron, High Pressure
- Wrought Iron, Intermediate Pressure
- Wrought Iron, Low Pressure
- Wrought Iron, Unknown
- Unknown, High Pressure
- Unknown, Intermediate Pressure
- Unknown, Low Pressure
- Unknown, Unknown
- Unknown,



AMMS



NOTE 1: The location of service pipes and corrosion components are not guaranteed to be correct. SPIPE, as well as original record documents, should be utilized for this information.

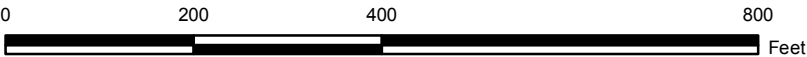
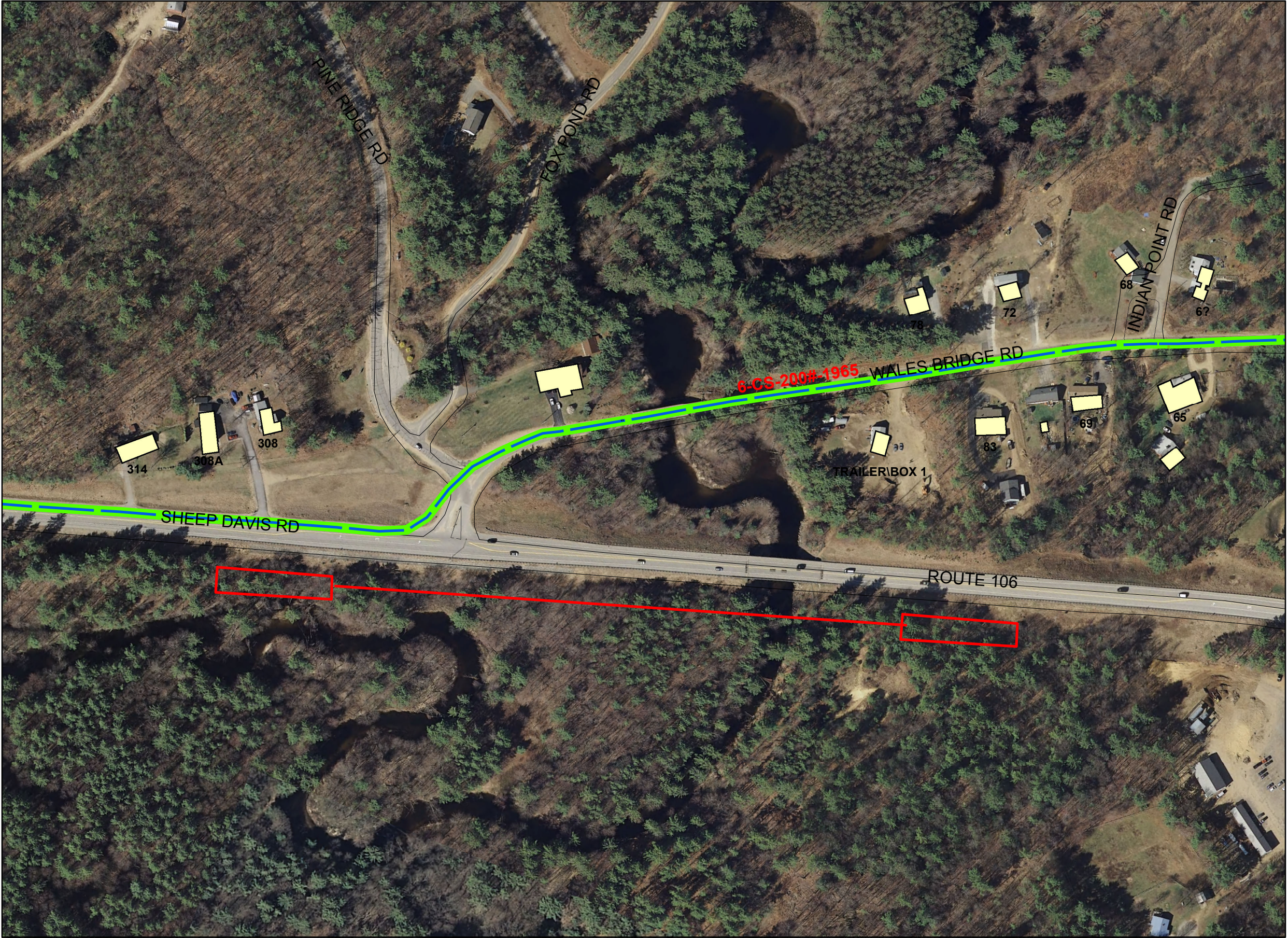
NOTE 2: The mains in NH without dimensions are not drawn to scale. These mains are intended to show the existence of gas main on the street and do not reflect the exact location of the main in the street.

Soucook River South crossing

- Distribution Main**
- <all other values>
- Subtype, Pressure Class**
- Bare Steel, High Pressure
 - Bare Steel, Intermediate Pressure
 - Bare Steel, Low Pressure
 - Bare Steel, Transmission Pressure
 - Bare Steel, Unknown
 - Cast Iron, High Pressure
 - Cast Iron, Intermediate Pressure
 - Cast Iron, Low Pressure
 - Cast Iron, Unknown Pressure
 - Coated Steel, High Pressure
 - Coated Steel, Intermediate Pressure
 - Coated Steel, Low Pressure
 - Coated Steel, Transmission Pressure
 - Coated Steel, Unknown Pressure
 - Copper, Low Pressure
 - Copper, Unknown Pressure
 - High Density Plastic, High Pressure
 - High Density Plastic, Intermediate
 - High Density Plastic, Low Pressure
 - High Density Plastic, Transmission Pressure
 - High Density Plastic, Unknown Pressure
 - Plastic, High Pressure
 - Plastic, Intermediate Pressure
 - Plastic, Low Pressure
 - Plastic, Transmission Pressure
 - Plastic, Unknown Pressure
 - Wrought Iron, High Pressure
 - Wrought Iron, Intermediate Pressure
 - Wrought Iron, Low Pressure
 - Wrought Iron, Unknown
 - Unknown, High Pressure
 - Unknown, Intermediate Pressure
 - Unknown, Low Pressure
 - Unknown, Unknown
 - Unknown,



AMMS



NOTE 1: The location of service pipes and corrosion components are not guaranteed to be correct. SPIPE, as well as original record documents, should be utilized for this information.

NOTE 2: The mains in NH without dimensions are not drawn to scale. These mains are intended to show the existence of gas main on the street and do not reflect the exact location of the main in the street.

ATTACHMENT C



THE STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION



Victoria F. Sheehan
Commissioner

RECEIVED

FEB 03 2016

SHA - Concord

William Cass, P.E.
Assistant Commissioner

February 1, 2016

Tom Sudol, PE
Sanborn Head & Associates, Inc.
20 Foundry Street
Concord NH 03301

Re: Tilton Hiline Gas Line – Shoreland Impact Permits

Dear Tom:

Attached are the Shoreland Impact Permits for the above-referenced project. The originals are being mailed. I have signed the permits as Owner. The Contractor next has to sign them. When that is completed, please return a copy to this office for our files.

Someone needs to ensure that the conditions on the permits are adhered to and no violations occur as a result of Contractor actions. Please advise who that entity will be. The Department will be held harmless in the Trench Permit process for any violations and restitution.

Please keep us in the loop as the project moves forward.

Sincerely,

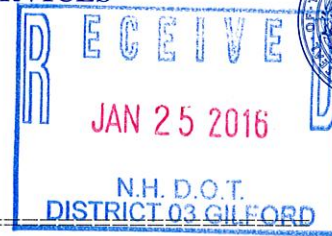
Alan G. Hanscom, PE
District Engineer

- c Andrew Bernier (Liberty Utilities) via email
Jarrett Roseboom (NHDOT Highway Design) via email



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Thomas S. Burack, Commissioner



SHORELAND IMPACT PERMIT 2015-03389

Permittee: NH Dept. of Transportation
2 Sawmill Rd.
Gilford, NH 03249

Project Location: Route 106, Loudon
Loudon Tax Map/Lot No. 11 / ROW 106

Waterbody: Soucook River

**NOTE--
CONDITIONS**

APPROVAL DATE: 01/19/2016

EXPIRATION DATE: 01/19/2021

Based upon review of the above referenced application, in accordance with RSA 483-B, a Shoreland Impact Permit was issued. This permit shall not be considered valid unless signed as specified below.

PERMIT DESCRIPTION: Impact 49,338 sq. ft. in order to install a 12 inch gas main from Concord/Loudon Town Line to Shaker Road in Loudon. The line will be installed on the south side of Route 106 and will cross the Soucook River.

THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC CONDITIONS:

1. All work shall be in accordance with plans by Sanborn Head dated December 2015 and received by the NH Department of Environmental Services (DES) on December 22, 2015.
2. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a), (2), (D), (iv).
3. No more than 20.5% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. At least 39,948 sq. ft. of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.

DES Web site: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095

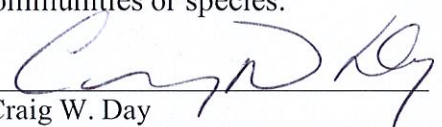
Telephone: (603) 271-3503 • Fax: (603) 271-6588 • TDD Access: Relay NH 1-800-735-2964

9. Any fill used shall be clean sand, gravel, rock, or other suitable material.
10. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks, the tidal-buffer zone, and sand dunes. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
11. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

GENERAL CONDITIONS THAT APPLY TO ALL DES SHORELAND IMPACT PERMITS:

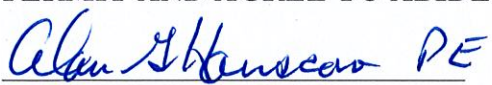
1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
3. The Wetlands Bureau shall be notified upon completion of work;
4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES-Alteration of Terrain, etc.);
5. Transfer of this permit to a new owner shall require notification to and approval by the Department;
6. This permit shall not be extended beyond the current expiration date.
7. This project has been screened for potential impacts to known occurrences of rare species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have received only cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species.

APPROVED: _____

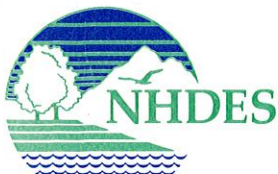

Craig W. Day
DES Wetlands Bureau

=====

BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.

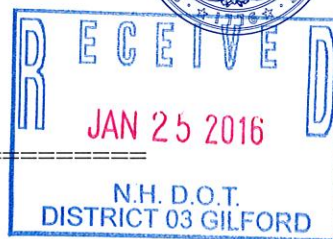

OWNER'S SIGNATURE (required)
NH DOT District Engineer

CONTRACTOR'S SIGNATURE (required)



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

Thomas S. Burack, Commissioner



SHORELAND IMPACT PERMIT 2015-03393

Permittee: NH Department of Transportation
2 Sawmill Rd.
Gilford, NH 03249

Project Location: Route 106, Loudon
Loudon Tax Map/Lot No. 30 / ROW 106

Waterbody: Soucook River

**NOTE--
CONDITIONS**

APPROVAL DATE: 01/19/2016 **EXPIRATION DATE:** 01/19/2021

Based upon review of the above referenced application, in accordance with RSA 483-B, a Shoreland Impact Permit was issued. This permit shall not be considered valid unless signed as specified below.

PERMIT DESCRIPTION: Impact 49,338 sq. ft. in order to install a 12 inch gas main from Concord/Loudon Town Line to Shaker Road in Loudon. The line will be installed on the south east side of Route 106 and will cross the Soucook River.

**THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC
CONDITIONS:**

1. All work shall be in accordance with plans by Sanborn Head dated December 2015 and received by the NH Department of Environmental Services (DES) on December 22, 2015.
2. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a), (2), (D), (iv).
3. No more than 20.1% of the area of the lot within the protected shoreland shall be covered by impervious surfaces unless additional approval is obtained from DES.
4. At least 11,381 sq. ft. of the Natural Woodland Buffer beyond the primary building setback must remain in an unaltered state in order to comply with RSA 483-B:9, V, (b), (2).
5. All activities conducted in association with the completion of this project shall be conducted in a manner that complies with applicable criteria of Administrative Rules Chapter Env-Wq 1400 and RSA 483-B during and after construction.
6. Erosion and siltation control measures shall be installed prior to the start of work, be maintained throughout the project, and remain in place until all disturbed surfaces are stabilized.
7. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
8. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.

DES Web site: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095

Telephone: (603) 271-3501 • Fax: (603) 271-6683 • TDD Access: Relay NH 1-800-735-2964

9. Any fill used shall be clean sand, gravel, rock, or other suitable material.
10. The individual responsible for completion of the work shall utilize techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. This permit shall not be interpreted as acceptance or approval of any impact that will occur within wetlands jurisdiction regulated under RSA 482-A including all wetlands, surface waters and their banks, the tidal-buffer zone, and sand dunes. The owner is responsible for maintaining compliance with RSA 482-A and Administrative Rules Env-Wt 100 - 900 and obtaining any Wetland Impact Permit that may be required prior to construction, excavation or fill that will occur within Wetlands jurisdiction.
12. This permit shall not preclude DES from taking any enforcement or revocation action if DES later determines that any of the structures depicted as "existing" on the plans submitted by the applicant were not previously permitted or grandfathered.

GENERAL CONDITIONS THAT APPLY TO ALL DES SHORELAND IMPACT PERMITS:

1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
3. The Wetlands Bureau shall be notified upon completion of work;
4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES-Alteration of Terrain, etc.);
5. Transfer of this permit to a new owner shall require notification to and approval by the Department;
6. This permit shall not be extended beyond the current expiration date.
7. This project has been screened for potential impacts to known occurrences of rare species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have received only cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species.

APPROVED: _____

Craig W. Day
DES Wetlands Bureau

=====

**BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT
AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.**

OWNER'S SIGNATURE (required)

CONTRACTOR'S SIGNATURE (required)

Alan St. Hursan
NH DOT District Engineer