NHDOT Natural Resource Agency Coordination Meeting  
Wednesday August 21, 2019  
John O. Morton Building, 7 Hazen Drive, Concord, NH  
9:00 am, Bureau of Environment Conference Room (Room 161)

AGENDA

The following projects/items will be discussed, in approximately this order, at approximately the times listed.

9:00  Finalize June 19, 2019 and July 17, 2019 Meeting Minutes

9:05  Londonderry- Stonehenge Road  This crossing involves a culvert extension to an existing perched culvert carrying Beaver Brook in Londonderry and is part of the I-93 impacts. NHDES permit 2014-03446 noted conditions 17 and 18 to improve aquatic organism passage for the work to be considered self-mitigating. The work was conducted during the summer of 2017. During construction the limits of wetland impacts were exceeded approximately 300 to 500 square feet with approximately a total of 44 linear feet of bank and approximately 22 linear feet of channel impacted in excess of approved plans. The replaced structure is a concrete box culvert which has experienced an increase in the perch due to storm events. DES discussed the culvert with the DOT contract administrator in the fall of 2018 and at that time informed the DOT the current perched configuration doesn’t meet the commitment DOT previously agreed to improve this crossing. The contractor recently placed some small rocks at the outlet invert, however the perch culvert is approximately 16 to 18 inches to the outlet pool level. Mitigation needs to meet permit compliance will be discussed. (location map & AIR). NHDES and NHDOT will discuss wetland impacts and permit conditions.  
Environmental concerns:  
Wetlands, Stream Crossings, Rare Species/ Natural Communities.

9:35  Hanover, #41963 (Br. 026/056) This project will address undermining occurring at the eastern abutment due to the roadway closed drainage system. A toe wall and rip rap will be added at this corner and the cause of the undermining addressed. (location map & AIR). NHDOT Bureau of Bridge Maintenance will present an initial review and discuss wetland impacts.  
Environmental concerns:  
Wetlands and Stream Crossing – Tier 3 and Designated River- Connecticut River.

9:50  Grantham, #40768 (Br. 106/116) Repair, in kind, deteriorated concrete at the bridge abutment and wing wall joints. (location map & AIR). NHDOT Bureau of Bridge Maintenance will present an initial review and discuss wetland impacts.  
Environmental concerns:  
Wetlands and Stream Crossing – Tier 3.

10:05   Barrington, #41988 (Br. 075/122) Rehabilitate the bridge that carries US Route 202 over the Isinglass River. (location map & AIR). NHDOT Bureau of Bridge Maintenance will present an initial review and discuss wetland impacts.  
Environmental concerns:  
Wetlands and Stream Crossing – Tier 3, and Designated River – Isinglass River.

10:20  Sandwich, #41988 (Br. 075/122) Repair the bridge carrying NH 25 over Weed Brook (203/029). The existing bridge is a concrete box culvert that was attached to an existing masonry box culvert. The masonry box culvert has had extensive problems and has been significantly modified. Proposed work includes replacing the settled downstream wingwalls, downstream masonry abutments, stone slabs, and H-pile superstructure and replacing with concrete. Riprap will be placed at the upstream and downstream ends of the structure to prevent scour. (location map & AIR). Rob Faulkner, from CHA will present on issues during construction and review a new staging location.  
Environmental concerns:  
Wetlands and Stream Crossing – Tier 3.
10:35  **Gilmanton, #2019-M315-1** Replacement of two culverts which carry un-named streams under NH Route 129 in Gilmanton. Culvert 1 will replace a 24” wide X 44’ long rcp culvert in-kind which carries an un-named tributary to Rollins Pond. Culvert 2 will extend an existing 2 1/2'H x 3 1/2'W x 35' L stone box culvert up to 4’ which carries an un-named tributary to Sanborn Brook. ([location map & AIR]) David Silvia, NHDOT District 3, and Arin Mills, NHDOT BOE, will present an initial review and on wetland impacts. **Environmental concerns:** Wetlands, Stream Crossing- Tier 2 & wetland crossing, and Protected Shoreland.

10:55  **Meredith, #41890** Replace an existing 4.2’ x 4.8’ box arch culvert with a 4’ x 8’ concrete box culvert. The crossing will be embedded 1 ft and will have simulated natural streambed material throughout. ([location map & AIR]). Sarah Large and Russ St. Pierre will provide an over view of the project in order to discuss mitigation. **Environmental concerns:** Wetlands, Stream Crossing- Tier 3.

11:20  **Gilsum, #2019-01629** Replace a failed 4’x3’ box culvert with a new 48” plastic pipe skewed to improve flow characteristics. ([location map & AIR]). Sarah Large will discuss the project and mitigation. **Environmental concerns:** Wetlands and Stream Crossing- Tier 2.

11:40  **Break**

11:50  **Portsmouth, #15731 (A000(909))** The Federal Highway Administration is funding the functional replacement of the barge wharf at the NH Port Authority Market Street Marine Terminal in Portsmouth, NH to compensate for impacts caused by the new alignment of the Sarah Mildred Long Bridge. The project will include the extension of the main pier to the north and south, modification of the fender system along the expanded pier, and dredging approximately 55,000 square feet of the Piscataqua River adjacent to the northern pier extension. The NEPA review was recently completed for this project and the final design and permitting phase is getting underway. ([location map & AIR]). Christine Perron from McFarland Johnson and Noah Elwood from Appledore Marine will present on wetland impacts and mitigation issues. **Environmental concerns:** Wetlands, Protected Shoreland, Fisheries/ Stream Crossing, Rare Species/ Natural Communities, Coastal Zone, Essential Fish Habitat.

12:20  **Lebanon TAP, #41366 (X-A004(617)) (LPA Project)** Project is a proposed multi-use path along Lahaye Drive between NH 120 and Mt Support Road. 950 foot path would be a vital link between Dartmouth Medical Hospital and area housing/amenities. ([location map & AIR]). Darren Benoit from DuBois & King will present on wetland impacts and mitigation issues. **Environmental concerns:** Wetlands.

**Approximate End: 12:35 pm**

Note: The next scheduled meeting is September 18, 2019 in the Bureau of Environment Conference Room (Room 161)
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No AIR form submitted
PROJECT NAME: Hanover 026/056  
PROJECT MANAGER: Steve Johnson

FEDERAL NO.: Non-Federal  
DOT ENV. MANAGER: Andrew O’Sullivan

STATE NO.: 41963  
DESIGNER(S): Timothy Boodey

AD DATE: N/A

REQUESTED MEETING DATE (click to view possible dates): August 27, 2019

PROJECT DESCRIPTION
This project will address undermining occurring at the eastern abutment due to the roadway closed drainage system. A toe wall and rip rap will be added at this corner and the cause of the undermining addressed

TYPE OF REVIEW (check all that apply)
☒ Initial Review  ☐ Review of Alternatives  ☒ Wetland Impacts
☐ Mitigation Issues  ☐ Issues during Construction  ☐ Post-construction Issues
☐ Other Issues:

RESOURCES OR CONCERNS (check all that apply to project)
☐ Water Quality/Impaired Waters  ☐ Rare Species/Natural Communities  ☐ Floodplains/Floodways
☒ Wetlands (File# if applicable)  ☐ Conservation Land  ☐ Essential Fish Habitat
☐ Protected Shoreland (File# if applicable)  ☐ Coastal Zone  ☐ Unknown at this Time
☐ Fisheries/Stream Crossings  ☒ NH Designated River: Connecticut River  ☐ Other:

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB19-2554

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?
Obtain concurrence on the proposed design prior to submitting permit application

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:
Click here to enter text.

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes
MINUTES WILL BE PREPARED BY: Timothy Boodey and Sarah Large

WILL YOU HAVE A POWERPOINT PRESENTATION? ☒YES ☐NO

LOCATION MAP ATTACHED ☒
PROJECT NAME: Grantham

PROJECT MANAGER: Steve Johnson

FEDERAL NO.: Non-Federal

DOT ENV. MANAGER: Andrew O’Sullivan

STATE NO.: 40768

DESIGNER(S): Timothy Boodey

AD DATE: N/A

REQUESTED MEETING DATE (click to view possible dates): August 27, 2019

PROJECT DESCRIPTION
Repair, in kind, deteriorated concrete at the bridge abutment and wing wall joints.

TYPE OF REVIEW (check all that apply)
☒ Initial Review
☐ Review of Alternatives
☒ Wetland Impacts
☐ Mitigation Issues
☐ Issues during Construction
☐ Post-construction Issues
☐ Other Issues:

RESOURCES OR CONCERNS (check all that apply to project)
☐ Water Quality/Impaired Waters
☐ Rare Species/Natural Communities
☐ Floodplains/Floodways
☒ Wetlands (File# if applicable)
☐ Conservation Land
☐ Essential Fish Habitat
☐ Protected Shoreland (File# if applicable)
☐ Coastal Zone
☐ Unknown at this Time
☐ Fisheries/Stream Crossings
☐ NH Designated River: Name
☐ Other:

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB19-2555

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?
Obtain concurrence on the proposed design prior to submitting permit application

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:
Click here to enter text.

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes
MINUTES WILL BE PREPARED BY: Timothy Boodey and Sarah Large

WILL YOU HAVE A POWERPOINT PRESENTATION? ☒YES ☐NO

LOCATION MAP ATTACHED ☒
PROJECT NAME: Barrington 075/122
FEDERAL NO.: Non-Federal
STATE NO.: 41988
AD DATE: N/A

PROJECT DESCRIPTION
Rehab bridge that carries US Route 202 over the Isinglass River.

TYPE OF REVIEW (check all that apply)
☒ Initial Review
☐ Review of Alternatives
☒ Wetland Impacts
☐ Mitigation Issues
☐ Issues during Construction
☐ Post-construction Issues
☐ Other Issues:

RESOURCES OR CONCERNS (check all that apply to project)
☐ Water Quality/Impaired Waters
☐ Rare Species/Natural Communities
☐ Floodplains/Floodways
☒ Wetlands (File# if applicable)
☐ Conservation Land
☐ Essential Fish Habitat
☐ Protected Shoreland (File# if applicable)
☐ Coastal Zone
☐ Unknown at this Time
☐ Fisheries/Stream Crossings
☒ NH Designated River: Isinglass River
☐ Other:

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB19-2549

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?
Obtain concurrence on the proposed design prior to submitting permit application

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:
Click here to enter text.

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes
MINUTES WILL BE PREPARED BY: Douglas Locker and Sarah Large
WILL YOU HAVE A POWERPOINT PRESENTATION? ☒YES ☐NO
LOCATION MAP ATTACHED ☒
PROJECT NAME: Sandwich

FEDERAL NO.: N/A

STATE NO.: 99055Z

AD DATE: 

REQUESTED MEETING DATE (click to view possible dates): August 21, 2019

PROJECT DESCRIPTION

Repair the bridge carrying NH 25 over Weed Brook (203/029). The existing bridge is a concrete box culvert that was attached to an existing masonry box culvert. The masonry box culvert has had extensive problems and has been significantly modified. Proposed work includes replacing the settled downstream wingwalls, downstream masonry abutments, stone slabs, and H-pile superstructure and replacing with concrete. Riprap will be placed at the upstream and downstream ends of the structure to prevent scour.

TYPE OF REVIEW (check all that apply)

☐ Initial Review ☐ Review of Alternatives ☐ Wetland Impacts
☐ Mitigation Issues ☐ Issues during Construction ☐ Post-construction Issues
☒ Other Issues: Review previously presented project

RESOURCES OR CONCERNS (check all that apply to project)

☐ Water Quality/Impaired Waters ☐ Rare Species/Natural Communities ☐ Floodplains/Floodways
☒ Wetlands (File# if applicable) ☐ Conservation Land ☐ Essential Fish Habitat
☐ Protected Shoreland (File# if applicable) ☐ Coastal Zone ☐ Unknown at this Time
☒ Fisheries/Stream Crossings ☐ NH Designated River: Name ☐ Other:

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB19-1404

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?

Obtain concurrence on proposed design prior to submitting permit application.

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

2/21/2018

NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:

Click here to enter text.

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes

MINUTES WILL BE PREPARED BY: Tim Boodey with help from Arin Mills

WILL YOU HAVE A POWERPOINT PRESENTATION? ☒YES ☐NO

LOCATION MAP ATTACHED ☒
**PROJECT NAME:** Gilmanton Culvert Repair  
**PROJECT MANAGER:** David Silvia

**FEDERAL NO.:** N/A  
**DOT ENV. MANAGER:** Arin Mills

**STATE NO.:** 2019-M315-1  
**DESIGNER(S):** David Silvia

**AD DATE:** N/A  

**REQUESTED MEETING DATE (click to view possible dates):**

**PROJECT DESCRIPTION**
Replacement of two culverts which carry un-named streams under NH Route 129 in Gilmanton. Culvert 1 will replace a 24” wide X 44’ long rcp culvert in-kind which carries an un-named tributary to Rollins Pond. Culvert 2 will extend an existing 2 1/2’H x 3 1/2’W x 35’ L stone box culvert up to 4’ which carries an un-named tributary to Sanborn Brook

**TYPE OF REVIEW (check all that apply)**
- [☒] Initial Review
- [☐] Review of Alternatives
- [☐] Mitigation Issues
- [☐] Issues during Construction
- [☐] Post-construction Issues
- [☐] Wetland Impacts
- [☐] Other Issues:

**RESOURCES OR CONCERNS (check all that apply to project)**
- [☐] Water Quality/Impaired Waters
- [☐] Rare Species/Natural Communities
- [☐] Floodplains/Floodways
- [☒] Wetlands (File# if applicable)
- [☐] Conservation Land
- [☐] Essential Fish Habitat
- [☐] Protected Shoreland (File# if applicable)
- [☐] Coastal Zone
- [☐] Unknown at this Time
- [☐] Fisheries/Stream Crossings
- [☐] NH Designated River: Name
- [☐] Other:

**NH NATURAL HERITAGE BUREAU FILE NUMBER:** NHB19-0758 & NHB19-1155

**WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?**
Review of proposed work and impacts prior to submission of wetlands permit application

**THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:**

**NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:**
Click here to enter text.

**HOW MUCH TIME DO YOU NEED (including Q&A)?** (A normal review takes approx. 15 min.) 20 minutes

**MINUTES WILL BE PREPARED BY:** Arin Mills & David Silvia

**WILL YOU HAVE A POWERPOINT PRESENTATION?**
- [☒] YES
- [☐] NO

**LOCATION MAP ATTACHED**
- [☒]
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No AIR form submitted
Emergency Repair
Failed 4x3 box Culver
Gilsum NH
Replace with 48" plastic Pipe
1:24,000
[Intentionally Left Blank]
No AIR form submitted
PROJECT NAME: Portsmouth
PROJECT MANAGER: Wendy Johnson
FEDERAL NO.: A000(909)
DOT ENV. MANAGER: Appledore Marine Engineering
STATE NO.: 15731
AD DATE: tbd

REQUESTED MEETING DATE (click to view possible dates): August 21, 2019

PROJECT DESCRIPTION
The Federal Highway Administration is funding the functional replacement of the barge wharf at the NH Port Authority Market Street Marine Terminal in Portsmouth, NH to compensate for impacts caused by the new alignment of the Sarah Mildred Long Bridge. The project will include the extension of the main pier to the north and south, modification of the fender system along the expanded pier, and dredging approximately 55,000 square feet of the Piscataqua River adjacent to the northern pier extension. The NEPA review was recently completed for this project and the final design and permitting phase is getting underway.

TYPE OF REVIEW (check all that apply)
☐ Initial Review ☐ Review of Alternatives ☒ Wetland Impacts
☒ Mitigation Issues ☐ Issues during Construction ☐ Post-construction Issues
☐ Other Issues:

RESOURCES OR CONCERNS (check all that apply to project)
☐ Water Quality/Impaired Waters ☒ Rare Species/Natural Communities ☐ Floodplains/Floodways
☒ Wetlands (File# if applicable) ☐ Conservation Land ☒ Essential Fish Habitat
☒ Protected Shoreland (File# if applicable) ☒ Coastal Zone ☐ Unknown at this Time
☒ Fisheries/Stream Crossings ☐ NH Designated River: Name ☐ Other:

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB19-1845

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?
The purpose of the meeting will be to obtain concurrence on proposed impacts and mitigation prior to submitting permit applications.

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:
6/20/2018 9/19/2018

NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:
Noah Elwood, NElwood@appledoremarine.com; Vanessa Swasey, VSwasey@appledoremarine.com; Christine Perron, cperron@mjinc.com

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) ☒ 30 minutes
MINUTES WILL BE PREPARED BY: Christine Perron

WILL YOU HAVE A POWERPOINT PRESENTATION? ☒ YES ☐ NO

LOCATION MAP ATTACHED ☒
PROJECT NAME: Lebanon TAP  PROJECT MANAGER: Robert Hudson (LPA)
FEDERAL NO.: X-A004(617)  DOT ENV. MANAGER: Ron Crickard
STATE NO.: 41366  DESIGNER(S): Darren Benoit DuBois & King (D&K)
AD DATE: 1/2020

REQUESTED MEETING DATE (click to view possible dates): 8/21/19

PROJECT DESCRIPTION
Project is a proposed multi-use path along Lahaye Drive between NH 120 and Mt Support Road. 950 foot path would be a vital link between Dartmouth Medical Hospital and area housing/amenities.

TYPE OF REVIEW (check all that apply)
☐ Initial Review  ☐ Review of Alternatives  ☒ Wetland Impacts
☒ Mitigation Issues  ☐ Issues during Construction  ☐ Post-construction Issues
☐ Other Issues:

RESOURCES OR CONCERNS (check all that apply to project)
☐ Water Quality/Impaired Waters  ☐ Rare Species/Natural Communities  ☐ Floodplains/Floodways
☒ Wetlands (File# if applicable)  ☐ Conservation Land  ☐ Essential Fish Habitat
☐ Protected Shoreland (File# if applicable)  ☐ Coastal Zone  ☐ Contamination
☐ Fisheries/Stream Crossings  ☐ NH Designated River: Name  ☐ Other:

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB-19-2313

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?
Discuss wetland impacts, mitigation strategies.

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:
8/15/18

NAMES AND E-MAIL ADDRESSES FOR ALL NON-DOT ATTENDEES:
DBenoit@Dubois-king.com

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes
MINUTES WILL BE PREPARED BY: Darren Benoit
WILL YOU HAVE A POWERPOINT PRESENTATION? ☒ YES  ☐ NO
LOCATION MAP ATTACHED  ☒