

NHDOT Natural Resource Agency Coordination Meeting
Wednesday September 21, 2016
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 the August 17, 2016 Meeting Minutes

9:10 Hampton #40927 Route 1A Drainage Maintenance (Non-Federal) This project involves the maintenance of three existing drainage outlets from NH Route 1A to Hampton Marsh in the Great Boars Head region. Two 24" drainage culverts were installed in the 1950's from Route 1A toward the Marsh and currently do not function due to the normal filling that has occurred over the years. This project will excavate along the two culverts to ensure they remain in useable condition. Once the culvert end is cleaned out, a pre-cast concrete headwall and 10'x 10' catchment will be constructed on the end. Geotextile fabric and rock will be placed in the catchment allowing future maintenance. The third (6") culvert exists under the sidewalk where the marsh abuts Ocean Boulevard. This culvert has been damaged and will be replaced in kind. ([location map & AIR](#)). Project will be an initial review and discussion of mitigation issues from Jim Fougere from Smart Environmental and Ralph Sanders, District 6. *Environmental concerns*: Wetlands, Rare Species/ Natural Communities, Coastal Zone

9:40 Eaton #1832H-1 (NH Route 153) (Non-Federal) The proposed project will repair a concrete box culvert carrying an unnamed stream under NH Route 153 in the Town of Eaton approximately 400' north of the intersection with Glines Hill Road and 400' south of the Eaton Village Store. The proposed work will involve removing the existing cracked granite slabs in the roof of the culvert and repouring the concrete roof to stabilize and the extend the functional lifespan of the culvert and maintain the integrity of the roadway. This will require the placement of temporary scaffolding in the stream at the inlet and the outlet, resulting in temporary wetland impacts within the channel. ([location map & AIR](#)). NH DOT District 3 will be presenting an initial review and on wetland impacts. *Environmental concerns*: Wetlands

9:55 Freedom #1832H (Old Portland Road) (Non-Federal) The proposed project will repair a concrete box culvert carrying an Bennett Brook under Old Portland Road in the Town of Freedom approximately 0.25 miles east of Scarboro Road. The proposed work will involve repouring the concrete sides and roof and patching spalled concrete on the wingwalls to stabilize and the extend the functional lifespan of the culvert and maintain the integrity of the roadway. This will require the placement of temporary scaffolding in the stream at the inlet and the outlet resulting in temporary impacts at the inlet, outlet and through the culvert, and permanent impacts along the existing box walls to allow for additional 8" of concrete on the inside of the box. ([location map & AIR](#)) NH DOT District 3 will be presenting an initial review and on wetland impacts. *Environmental concerns*: Wetlands

10:10 BREAK (10 minutes)

10:20 Mitigation Banking Discussion A discussion on mitigation banking specific to culverts and the work done by District. Kevin Nyhan, from the Bureau of Environment, and Dave Rodrigue will be facilitating the discussion.

10:50 Wolfeboro #1832H-2 (NH Route 28) (Non-Federal) The proposed project will extend a concrete box culvert carrying Harvey Brook under NH Route 28 approximately 1400' south of Trotting Track Road in Wolfeboro. The proposed work will involve extending the culvert by 4' at the outlet and replace the existing wingwalls with new wingwalls extending from the new culvert outlet location. There is no work proposed at the inlet. ([location map & AIR](#)). NH DOT District 3 will be presenting an initial review and on wetland impacts. [Environmental concerns](#): Wetlands

11:05 Concord (Bridge Number 059/127) (Non-Federal) Rehabilitate the bridge that carries Rte. 132 over Hayward Brook (059/127). The existing structure is a concrete slab bridge that has a span of 15'-10" and a rise of 12'-0"±. The structure is 82'-0" long. Proposed work consists of the following: place sandbag cofferdams, repair undermining with concrete toewalls and riprap, and repair the headwalls. ([location map & AIR](#)). The Bureau of Bridge Maintenance will be presenting an initial review and review of wetland impacts. [Environmental concerns](#): Wetlands

11:20 Brookline (Bridge Number 091/076) (Non-Federal) Rehabilitate the bridge that carries Rte. 130 over Store Brook (091/076). The existing structure is a concrete frame bridge that has a span of 20'-0". Proposed work consists of the following: place sandbag cofferdams and temporary scaffolding, and patch the deck. ([location map & AIR](#)). The Bureau of Bridge Maintenance will be presenting an initial review and review of wetland impacts. [Environmental concerns](#): Wetlands

11:35 Weare (Bridge Number 137/043) (Non-Federal) Rehabilitate the bridge that carries Rte. 114 over Otter Brook (137/043). The existing structure is a twin multi-plate pipe arch. Each pipe arch opening has a span of 5'-0". Proposed work consists of the following: place sandbag cofferdams, replace the bridge and place riprap at the inlet and outlet. ([location map & AIR](#)). The Bureau of Bridge Maintenance will be presenting an initial review and review of wetland impacts. [Environmental concerns](#): Wetlands

End Approx: 11:50

Note: The next scheduled meeting is October 19, 2016 in the Bureau of Environment Conference Room (Room 161).

Hampton #40927 Route 1A Drainage Maintenance (Non-Federal)





**NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM**



PROJECT NAME: Hampton Route 1A
Drainage Maintenance **PROJECT MANAGER:** Ralph Sanders
FEDERAL NO.: NA **DOT ENV. MANAGER:** Ron Crickard
STATE NO.: 40927 **DESIGNER(S):** _____
AD DATE: TBD _____

REQUESTED MEETING DATE (click to view possible dates): September 21, 2016

PROJECT DESCRIPTION

This project involves the maintenance of three existing drainage outlets from NH Route 1A to Hampton Marsh in the Great Boars Head region. Two 24" drainage culverts were installed in the 1950's from Route 1A toward the Marsh and currently do not function due to the normal filling that has occurred over the years. This project will excavate along the two culverts to ensure they remain in useable condition. Once the culvert end is cleaned out, a pre-cast concrete headwall and 10'x 10' catchment will be constructed on the end. Geotextile fabric and rock will be placed in the catchment allowing future maintenance. The third (6") culvert exists under the sidewalk where the marsh abuts Ocean Boulevard. This culvert has been damaged and will be replaced in kind.

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: NHB 16-2065

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?

Looking for general consensus on the project approach and the added ability to improve water treatment opportunity for runoff coming off the road, as well as future maintenance of the catchment area.

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES:

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

Jim Fougere (jfougere@smartenvironmental.com)

HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 30 minutes

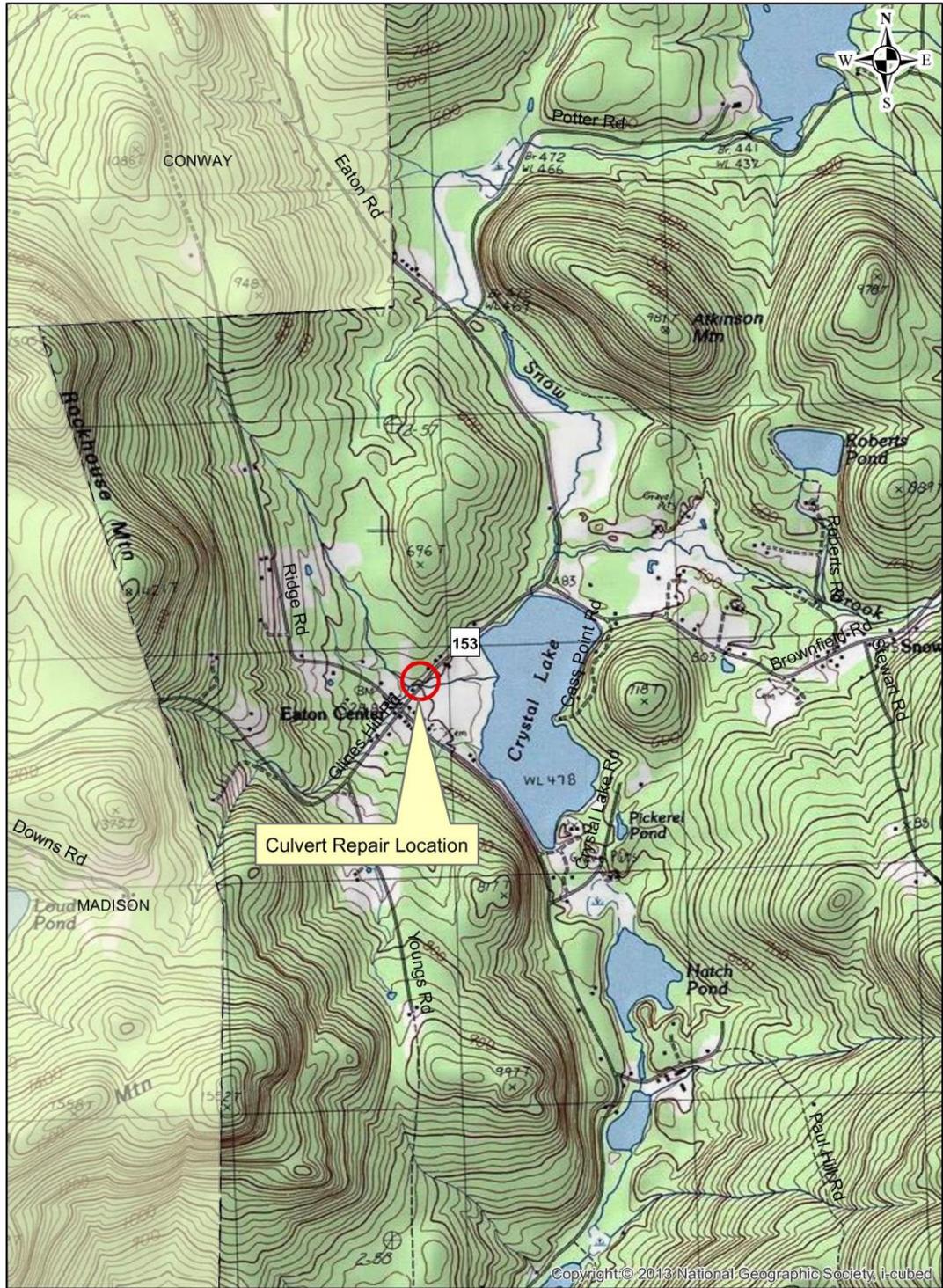
MINUTES WILL BE PREPARED BY: J Fougere

WILL YOU HAVE A POWERPOINT PRESENTATION? YES NO

LOCATION MAP ATTACHED

Eaton #1832H-1 (NH Route 153) (Non-Federal)

Eaton 1382H-1
NH Route 153 over Unnamed Brook



0 0.25 0.5 1 Miles 1:24,000



NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM



PROJECT NAME: Eaton PROJECT MANAGER: William Rollins
FEDERAL NO.: Non-federal DOT ENV. MANAGER: Meli Dube
STATE NO.: 1832H-1 DESIGNER(S): David Silvia
AD DATE: Unknown

REQUESTED MEETING DATE (click to view possible dates): 9/21/16

PROJECT DESCRIPTION

The proposed project will repair a concrete box culvert carrying an unnamed stream under NH Route 153 in the Town of Eaton approximately 400' north of the intersection with Glines Hill Road and 400' south of the Eaton Village Store. The proposed work will involve removing the existing cracked granite slabs in the roof of the culvert and repouring the concrete roof to stabilize and extend the functional lifespan of the culvert and maintain the integrity of the roadway. This will require the placement of temporary scaffolding in the stream at the inlet and the outlet, resulting in temporary wetland impacts within the channel.

TYPE OF REVIEW (check all that apply)

- Initial Review
- Mitigation Issues
- Other Issues:
- Review of Alternatives
- Issues during Construction
- Wetland Impacts
- Post-construction Issues

RESOURCES OR CONCERNS (check all that apply to project)

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

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB16-1993

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?

Discuss the proposed wetland impacts and receive any comments which we may incorporate in the application package to ensure a complete submittal

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES: not previously reviewed

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

none

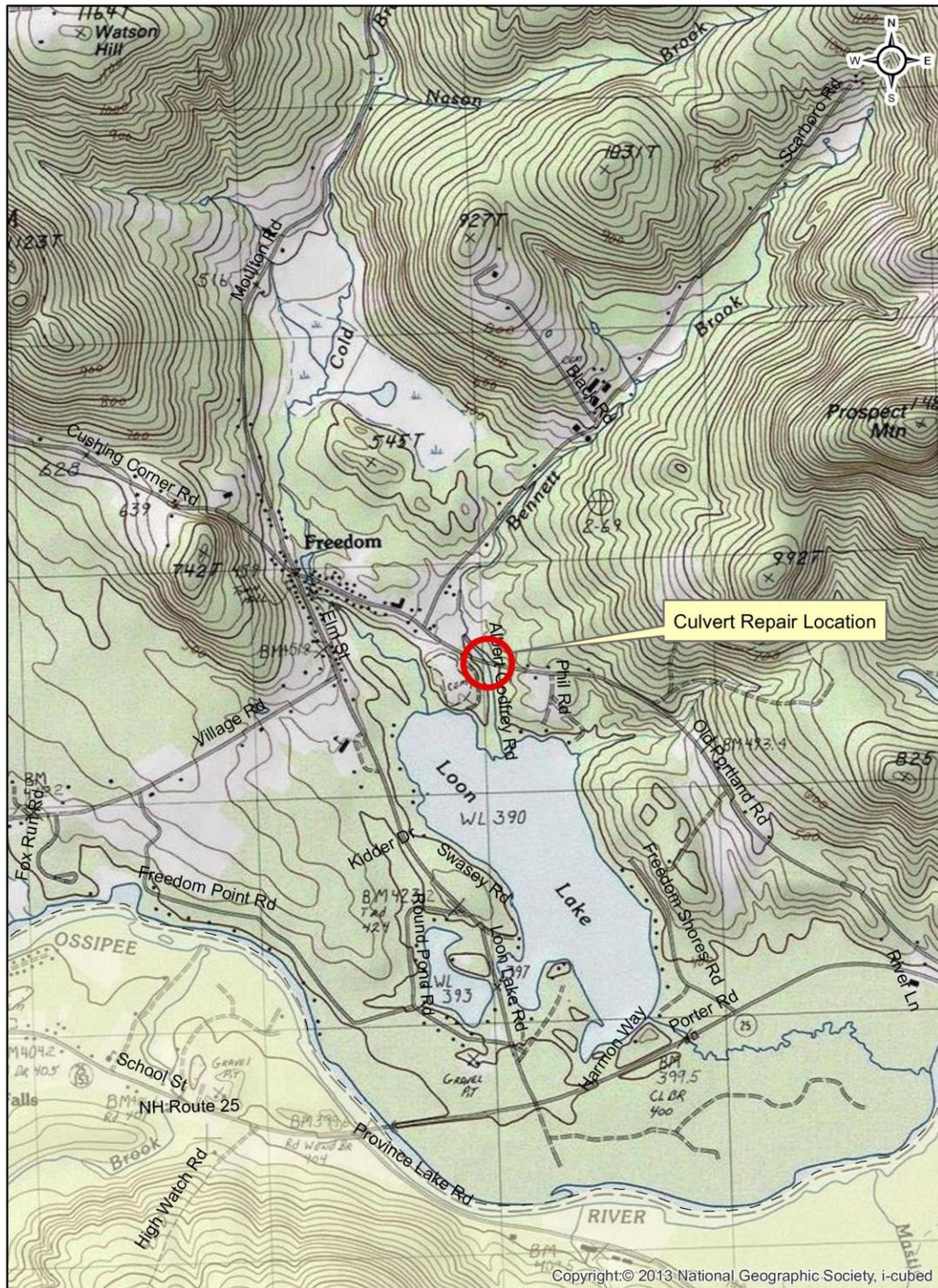
HOW MUCH TIME DO YOU NEED (including Q&A)? (A normal review takes approx. 15 min.) 15 minutes
MINUTES WILL BE PREPARED BY: Sarah Large

WILL YOU HAVE A POWERPOINT PRESENTATION? YES NO

LOCATION MAP ATTACHED

Freedom #1832H (Old Portland Road) (Non-Federal)

Freedom 1832H Topographic Map
Old Portland Road over Bennet Brook



0 0.25 0.5 1 Miles

1:24,000



NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM



PROJECT NAME: Freedom PROJECT MANAGER: William Rollins
FEDERAL NO.: Non-federal DOT ENV. MANAGER: Meli Dube
STATE NO.: 1832H DESIGNER(S): David Silvia
AD DATE: Unknown

REQUESTED MEETING DATE (click to view possible dates): 9/21/16

PROJECT DESCRIPTION

The proposed project will repair a concrete box culvert carrying an Bennett Brook under Old Portland Road in the Town of Freedom approximately 0.25 miles east of Scarborough Road. The proposed work will involve repouring the concrete sides and roof and patching spalled concrete on the wingwalls to stabilize and the extend the functional lifespan of the culvert and maintain the integrity of the roadway. This will require the placement of temporary scaffolding in the stream at the inlet and the outlet resulting in temporary impacts at the inlet, outlet and through the culvert, and permanent impacts along the existing box walls to allow for additional 8” of concrete on the inside of the box.

TYPE OF REVIEW (check all that apply)

- Initial Review
- Mitigation Issues
- Other Issues:
- Review of Alternatives
- Issues during Construction
- Wetland Impacts
- Post-construction Issues

RESOURCES OR CONCERNS (check all that apply to project)

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

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB16-1995

WHAT IS YOUR GOAL/ DESIRED OUTCOME FOR THIS REVIEW?

Discuss the proposed wetland impacts and receive any comments which we may incorporate in the application package to ensure a complete submittal

THIS PROJECT WAS PREVIOUSLY REVIEWED ON THE FOLLOWING DATES: not previously reviewed

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

none

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

WILL YOU HAVE A POWERPOINT PRESENTATION? YES NO

LOCATION MAP ATTACHED

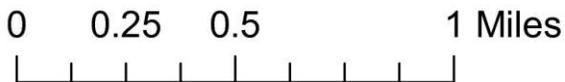
Wolfeboro #1832H (NH Route 28) (Non-Federal)

1832H-2

Rt. 28 over Harvey Brook, Box Culvert



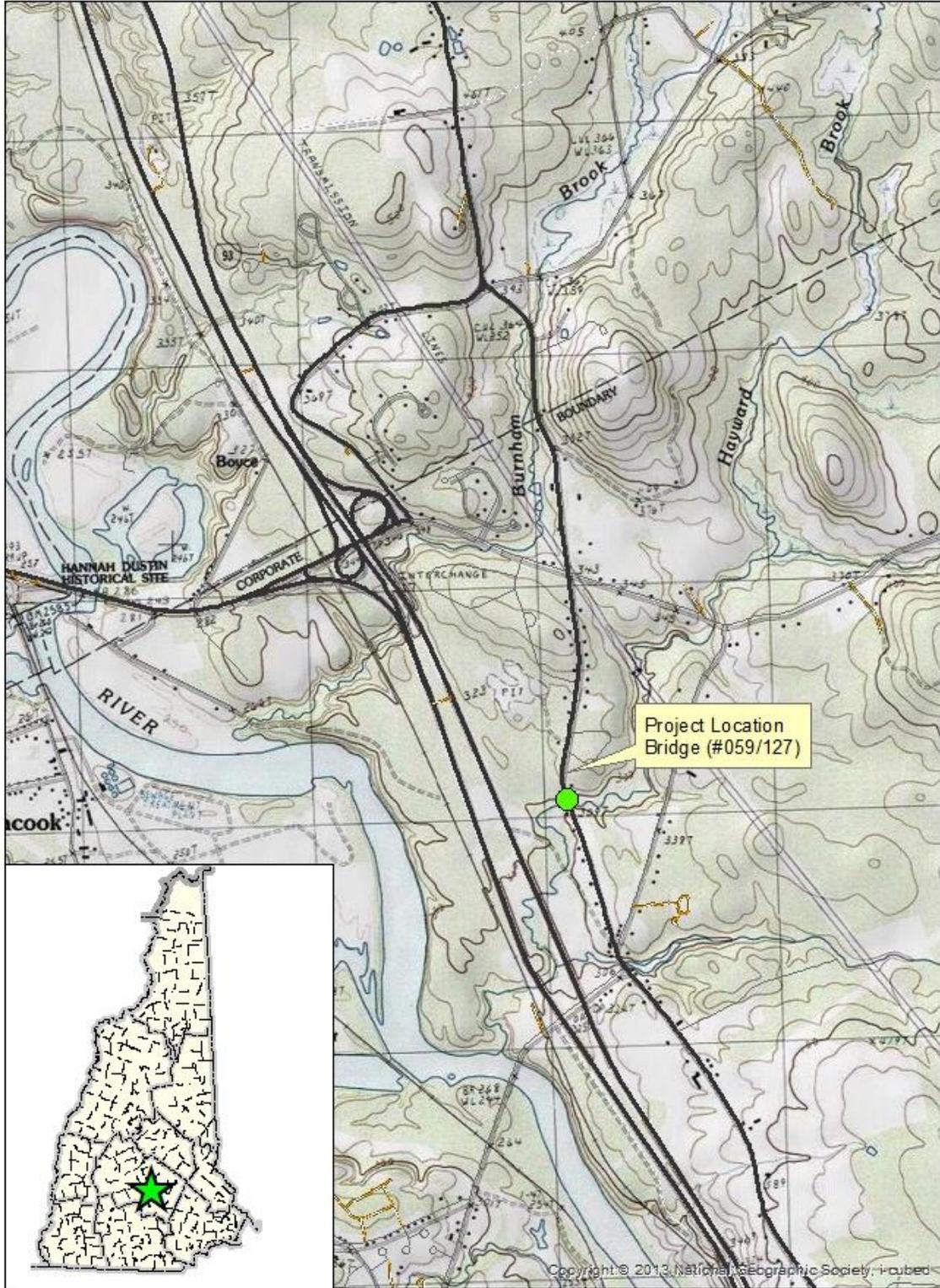
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1:24,000

Concord (Bridge Number 059/127) (Non-Federal)

Concord, (Bridge # 059/127)



0 0.25 0.5 1 Miles 1:24,000



NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM



PROJECT NAME: Concord 059/127 PROJECT MANAGER: Steve Johnson
FEDERAL NO.: Non-Federal DOT ENV. MANAGER: Matt Urban
STATE NO.: DESIGNER(S): Anthony Weatherbee
AD DATE:

REQUESTED MEETING DATE (click to view possible dates): September 21, 2016

PROJECT DESCRIPTION

Rehabilitate the bridge that carries Rte. 132 over Hayward Brook (059/127). The existing structure is a concrete slab bridge that has a span of 15'-10" and a rise of 12'-0"±. The structure is 82'-0" long. Proposed work consists of the following: place sandbag cofferdams, repair undermining with concrete toewalls and riprap, and repair the headwalls.

TYPE OF REVIEW (check all that apply)

- Initial Review, Mitigation Issues, Other Issues, Review of Alternatives, Issues during Construction, Wetland Impacts, Post-construction Issues

RESOURCES OR CONCERNS (check all that apply to project)

- Water Quality/Impaired Waters, Wetlands, Protected Shoreland, Fisheries/Stream Crossings, Rare Species/Natural Communities, Conservation Land, Coastal Zone, NH Designated River, Floodplains/Floodways, Essential Fish Habitat, Unknown at this Time, Other

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB16-2409

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:

Timeline grid for previous review dates

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

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

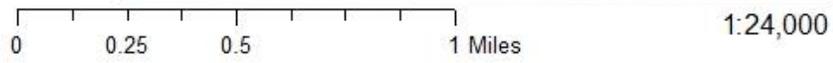
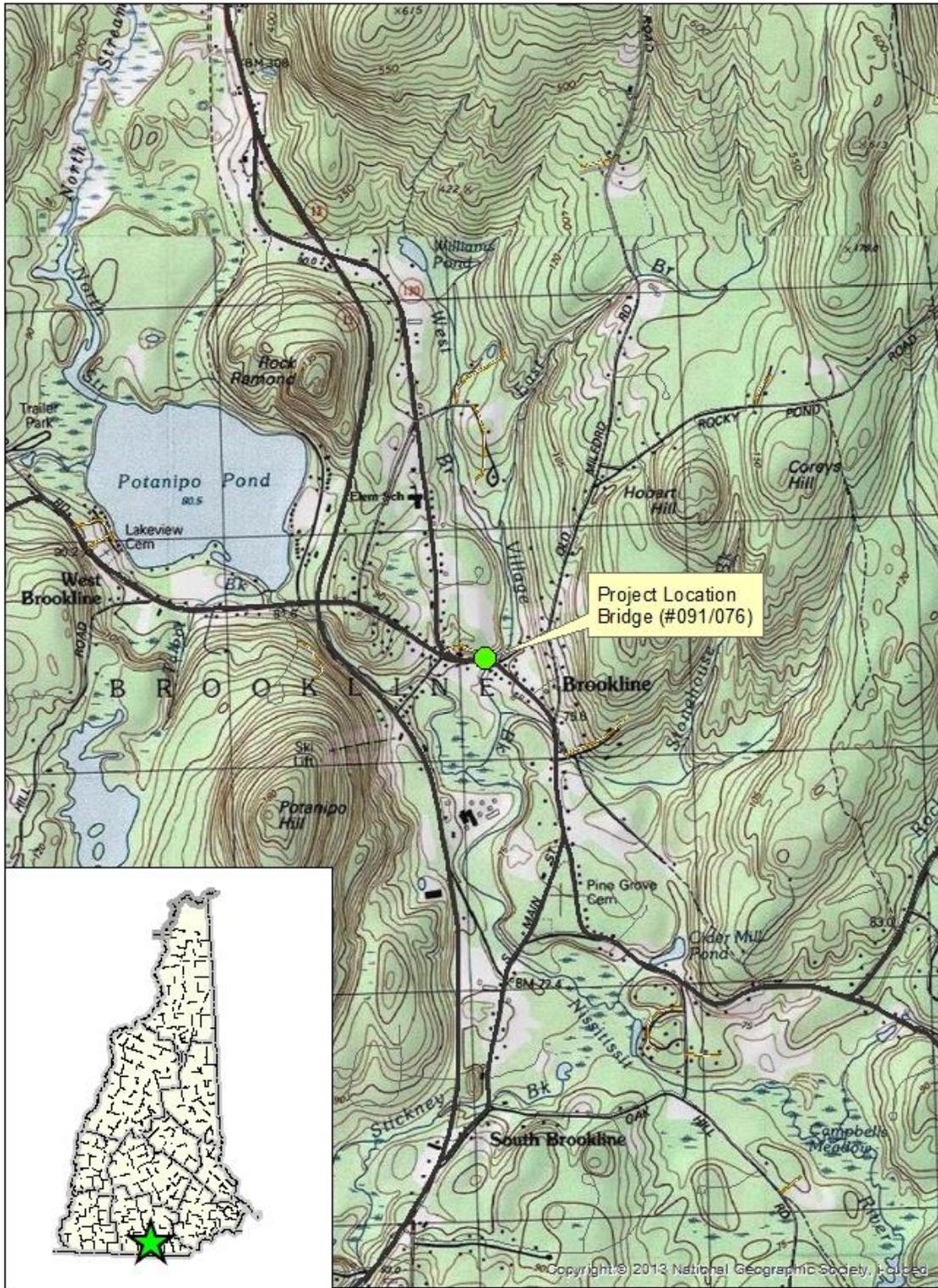
MINUTES WILL BE PREPARED BY: Anthony Weatherbee will type Matt Urban's notes

WILL YOU HAVE A POWERPOINT PRESENTATION? X YES NO

LOCATION MAP ATTACHED X YES

Brookline (Bridge Number 091/076) (Non-Federal)

Brookline, (Bridge # 091/076)





NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM



PROJECT NAME: Brookline 091/076

PROJECT MANAGER: Steve Johnson

FEDERAL NO.: Non-Federal

DOT ENV. MANAGER: Matt Urban

STATE NO.: _____

DESIGNER(S): Anthony Weatherbee

AD DATE: _____

REQUESTED MEETING DATE (click to view possible dates): September 21, 2016

PROJECT DESCRIPTION

Rehabilitate the bridge that carries Rte. 130 over Store Brook (091/076). The existing structure is a concrete frame bridge that has a span of 20'-0". Proposed work consists of the following: place sandbag cofferdams and temporary scaffolding, and patch the deck.

TYPE OF REVIEW (check all that apply)

- Initial Review
- Mitigation Issues
- Other Issues:
- Review of Alternatives
- Issues during Construction
- Wetland Impacts
- Post-construction Issues

RESOURCES OR CONCERNS (check all that apply to project)

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

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB16-2762

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:

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

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

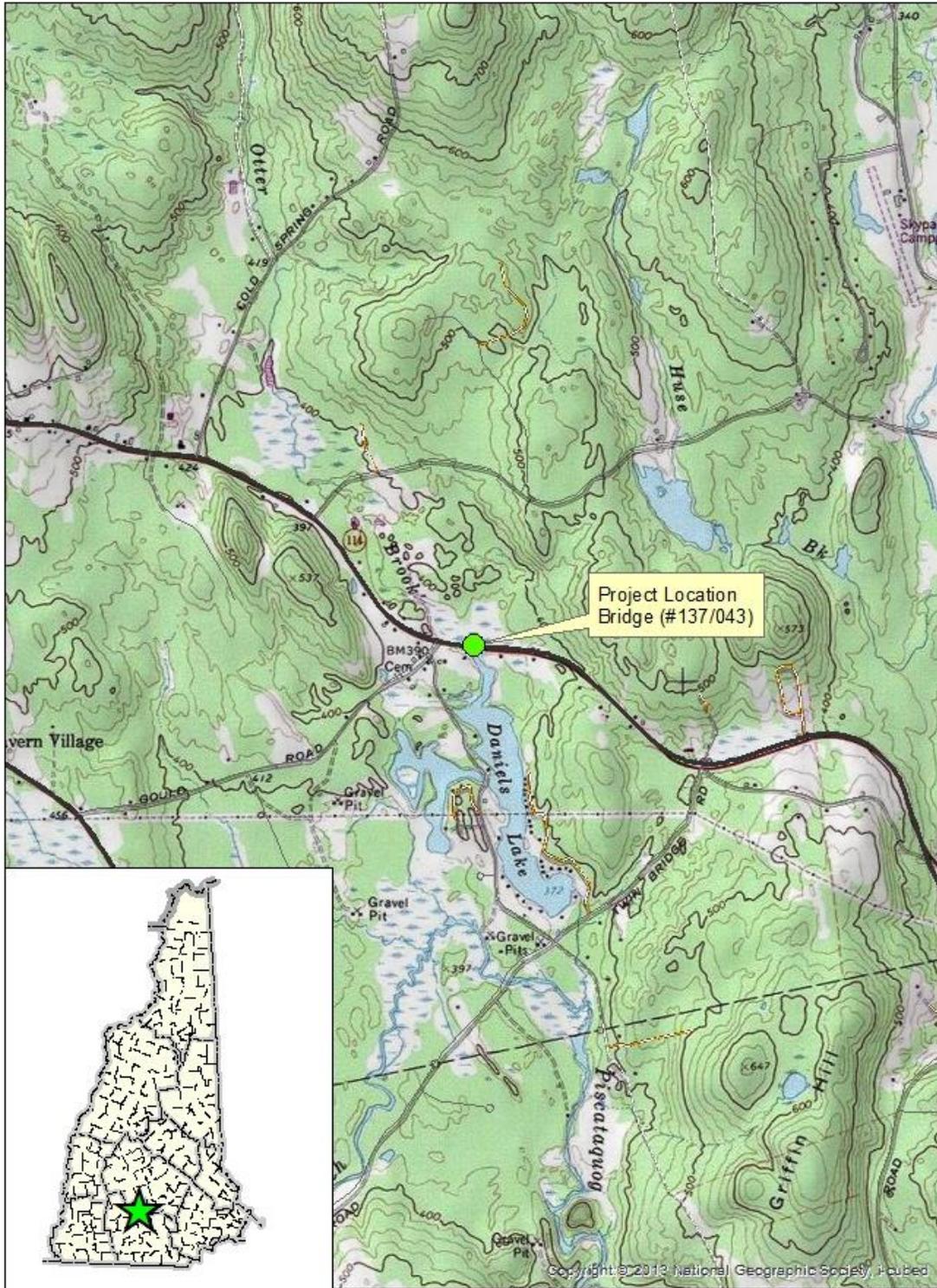
MINUTES WILL BE PREPARED BY: Anthony Weatherbee will type Matt Urban's notes

WILL YOU HAVE A POWERPOINT PRESENTATION? YES NO

LOCATION MAP ATTACHED YES

Weare (Bridge Number 137/043) (Non-Federal)

Weare, (Bridge # 137/043)



0 0.25 0.5 1 Miles

1:24,000



NHDOT MONTHLY NATURAL RESOURCE AGENCY
COORDINATION MEETING
AGENDA ITEM REQUEST FORM



PROJECT NAME: Weare 137/043
FEDERAL NO.: Non-Federal
STATE NO.: _____
AD DATE: _____

PROJECT MANAGER: Steve Johnson
DOT ENV. MANAGER: Matt Urban
DESIGNER(S): Anthony Weatherbee

REQUESTED MEETING DATE (click to view possible dates): September 21, 2016

PROJECT DESCRIPTION

Rehabilitate the bridge that carries Rte. 114 over Otter Brook (137/043). The existing structure is a twin multi-plate pipe arch. Each pipe arch opening has a span of 5'-0". Proposed work consists of the following: place sandbag cofferdams, replace the bridge and place riprap at the inlet and outlet.

TYPE OF REVIEW (check all that apply)

- Initial Review
- Mitigation Issues
- Other Issues:
- Review of Alternatives
- Issues during Construction
- Wetland Impacts
- Post-construction Issues

RESOURCES OR CONCERNS (check all that apply to project)

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

NH NATURAL HERITAGE BUREAU FILE NUMBER: NHB16-2764

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:

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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: Anthony Weatherbee will type Matt Urban's notes
WILL YOU HAVE A POWERPOINT PRESENTATION? YES NO
LOCATION MAP ATTACHED YES