



Vision

A culture of environmental stewardship throughout the Agency.

Mission

To proactively and timely integrate environmental considerations into all VTrans projects and activities in order to avoid, minimize, and mitigate environmental impacts of the transportation system.

Update From VTrans Environmental

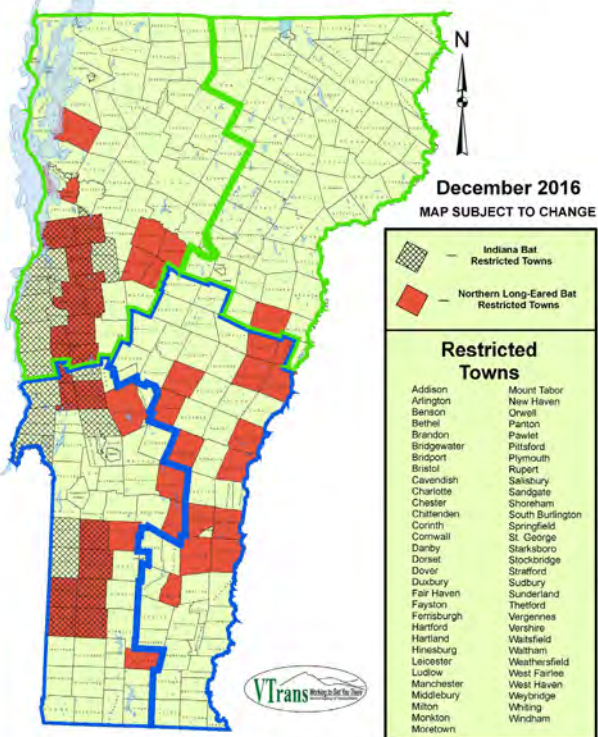
Chris Slesar, VTrans Environmental Resources Coordinator
NETC Symposium - June 19, 2019



Bats and Pollinators

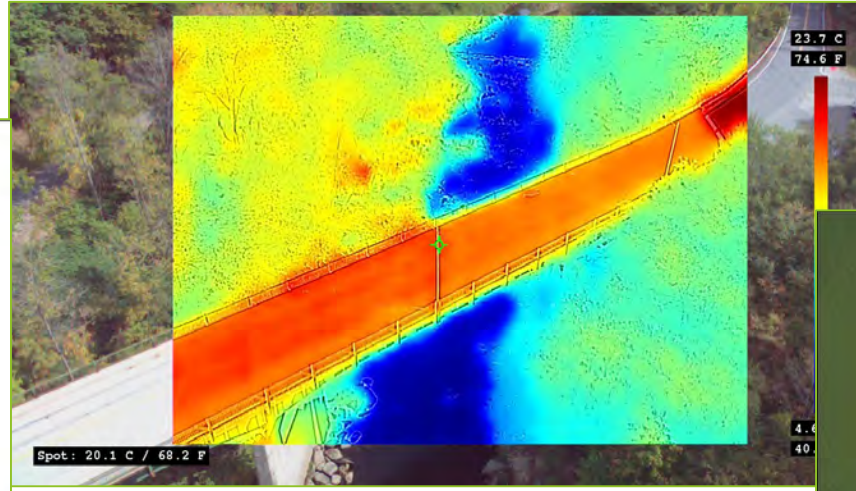
Vermont Towns with Known Indiana Bat and Northern Long-Eared Bat Habitat

This map is a supplement to:
"Indiana and Northern Long-Eared Bat Guidance
for all VTrans Projects and Maintenance Activities"
Please review that document for more details.

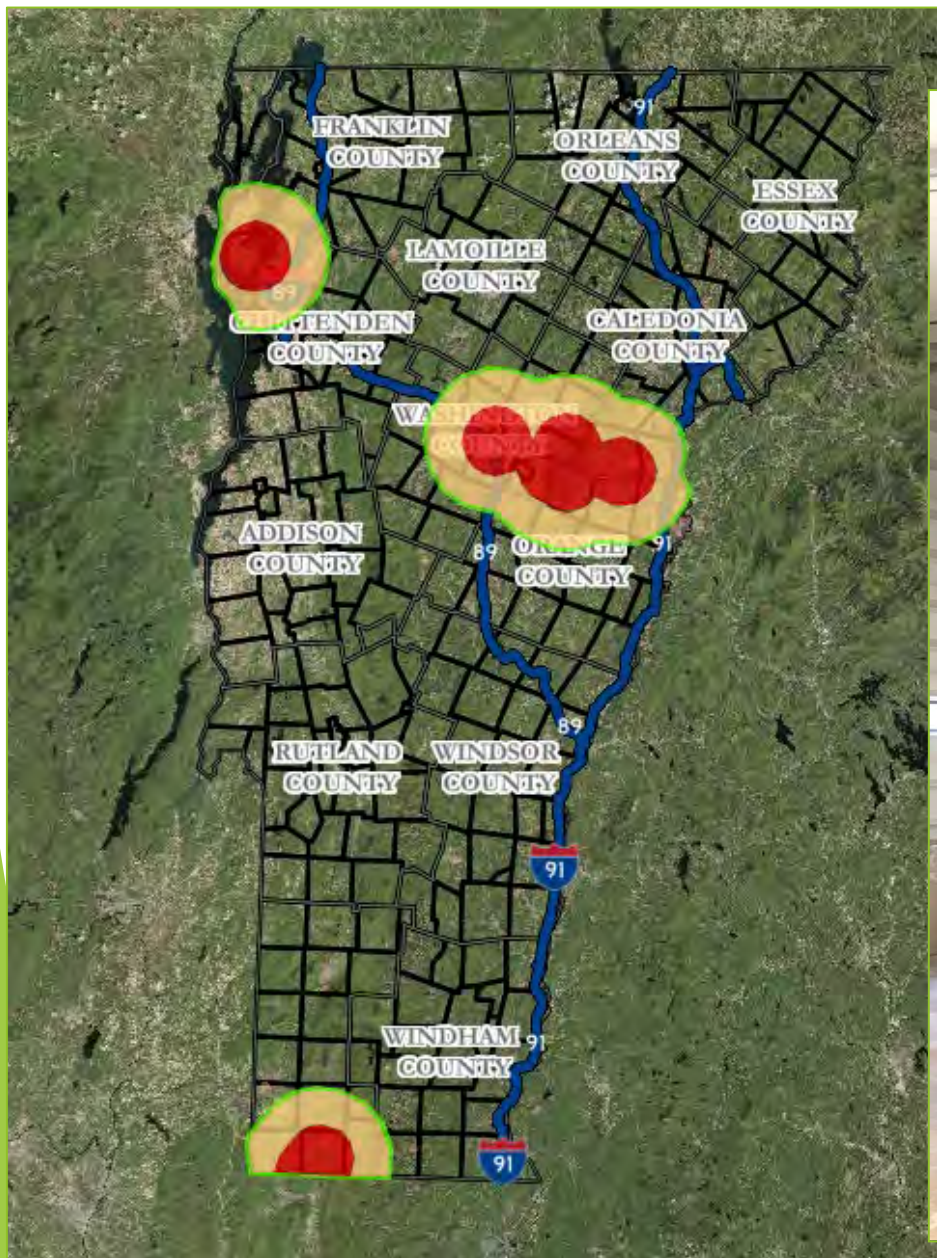


For more information:
Refer to the "State and Federal Listed Bats Guidance for all VTrans Projects and Maintenance Activities" memo
or contact a VTrans biologist.

Glenn Gingras (North Region): (802) 279-0583 glenn.gingras@vermont.gov
James Brady (South Region): (802) 279-2562 james.brady@vermont.gov



Emerald Ash Borer Training



LIFE CYCLE OF THE EMERALD ASH BORER

- 1 Female ash borers lay 40 to 70 eggs on the bark of an ash tree.



After hatching, the larvae bore into the tree layers just below the bark to feed. They remain there for 1 or 2 years, then pupate into adults.

Emerald Ash Borer
(enlarged view)



Actual size

1/2 in. long
1/8 in. wide

- 4 Adults, which can fly, then seek out new trees, and the process begins again.

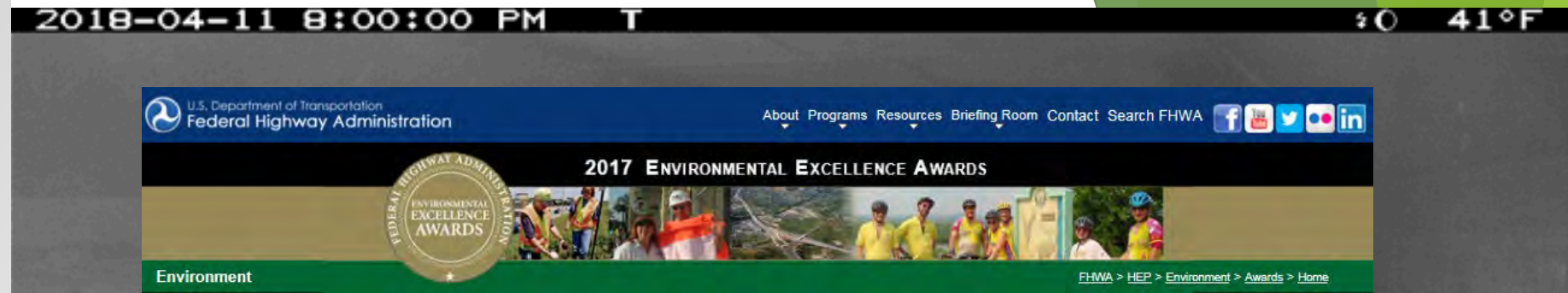


- 3 The adults then chew a telltale D-shaped exit hole in the bark.



Road Ecology - Habitat Connectivity

- Highways & Habitats
- NETWC
- ICOET
- CMECF
- GIS - Amphibian Modeling
- ARC Solutions
- Staying Connected Initiative
- NEGECP



RVRW1

RECONYX

**PROGRAMMATIC AGREEMENT AMONG
THE FEDERAL HIGHWAY ADMINISTRATION,
THE VERMONT STATE HISTORIC PRESERVATION OF
THE ADVISORY COUNCIL ON HISTORIC PRESERVATION
THE VERMONT AGENCY OF TRANSPORTATION
REGARDING THE FEDERAL-AID HIGHWAY PROGRAM IN**

WHEREAS, the Federal Highway Administration (FHWA), under the authority et seq., implements the Federal-Aid Highway Program (Program) in the State of Vermont and funding and approving state and locally sponsored transportation projects that the Vermont Agency of Transportation (VTrans);

WHEREAS, the Vermont FHWA Division Administrator is the "Agency C" for ensuring that the Program in the State of Vermont complies with Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), as amended, and implementing regulations, 36 CFR Part 800, as amended (August 5, 2004);

WHEREAS, VTrans administers Federal-aid projects throughout the State authorized by Title 23 U.S.C 302;

WHEREAS, the responsibilities of the Vermont State Historic Preservation Office under Section 106 of the NHPA and 36 CFR Part 800 are to advise, assist, review Federal agencies as they carry out their historic preservation responsibilities and Federal agencies' requests within a specified period of time;

WHEREAS, FHWA has determined that certain types of Minor Transportation projects are categorical exclusions under National Environmental Policy Act (NEPA) upon properties included in, or eligible for inclusion in, the National Register of Historic Places (NRHP), hereafter referred to as historic properties, and has consulted with the Advisory Council on Historic Preservation (ACHP) pursuant to Section 106 of the NHPA;

WHEREAS, FHWA has consulted with federally recognized Indian tribes (Tribes) in Vermont about this Programmatic Agreement (Agreement), has requested and has taken any comments received into account. These Tribes include the St. Regis Mohawk Community, Cayuga Nation of Indians, Passamaquoddy Tribe - Point St Ignace, Onondaga Indian Nation, Wampanoag Tribe of Gay Head, Mashantucket Pequot Indian Tribe, Narragansett Indian Tribe, Tuscarora Nation, Penobscot Nation, Passamaquoddy Indian Township Reservation.

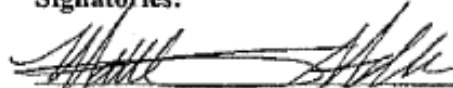
WHEREAS, FHWA will continue to conduct outreach and will actively solicit comments and participation of tribes that have attached religious and cultural significance to properties that may be affected by undertakings reviewed under the terms of the

XVIII. DURATION OF AGREEMENT

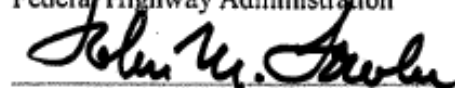
This Agreement shall remain in effect for a period of two (2) years after the date it takes effect, unless it is terminated prior to that time. No later than ninety (90) days prior to the conclusion of the two (2) year period, VTrans will notify all parties in writing. If there are no objections from consulting parties, the term of the Agreement will be extended for an additional two (2) years up to a limit of five (5) years with written consent from all signatories. If any party objects to extending the Agreement, or proposes amendments, VTrans will consult with the parties to consider amendments or other actions to avoid termination. The Effective Date shall be the date the last party signs this Agreement.

Execution and implementation of this agreement evidence that FHWA has delegated certain Section 106 responsibilities to VTrans and has afforded ACHP a reasonable opportunity to comment on the Program and its individual undertakings in Vermont; that FHWA has taken into account the effects of the program and its individual undertakings on historic properties; and that FHWA has complied with Section 106 of the NHPA and 36 CFR Part 800 for the Program and its individual undertakings.


Signatories:


Matthew R. Hake, Division Administrator
Federal Highway Administration

21 May 19
Date

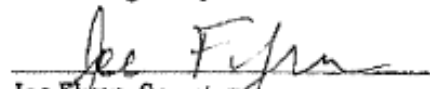

John M. Fowler, Executive Director
Advisory Council on Historic Preservation

5/30/19
Date


Laura V. Trieschmann
Vermont State Historic Preservation Officer

5/28/19
Date

Invited Signatory:

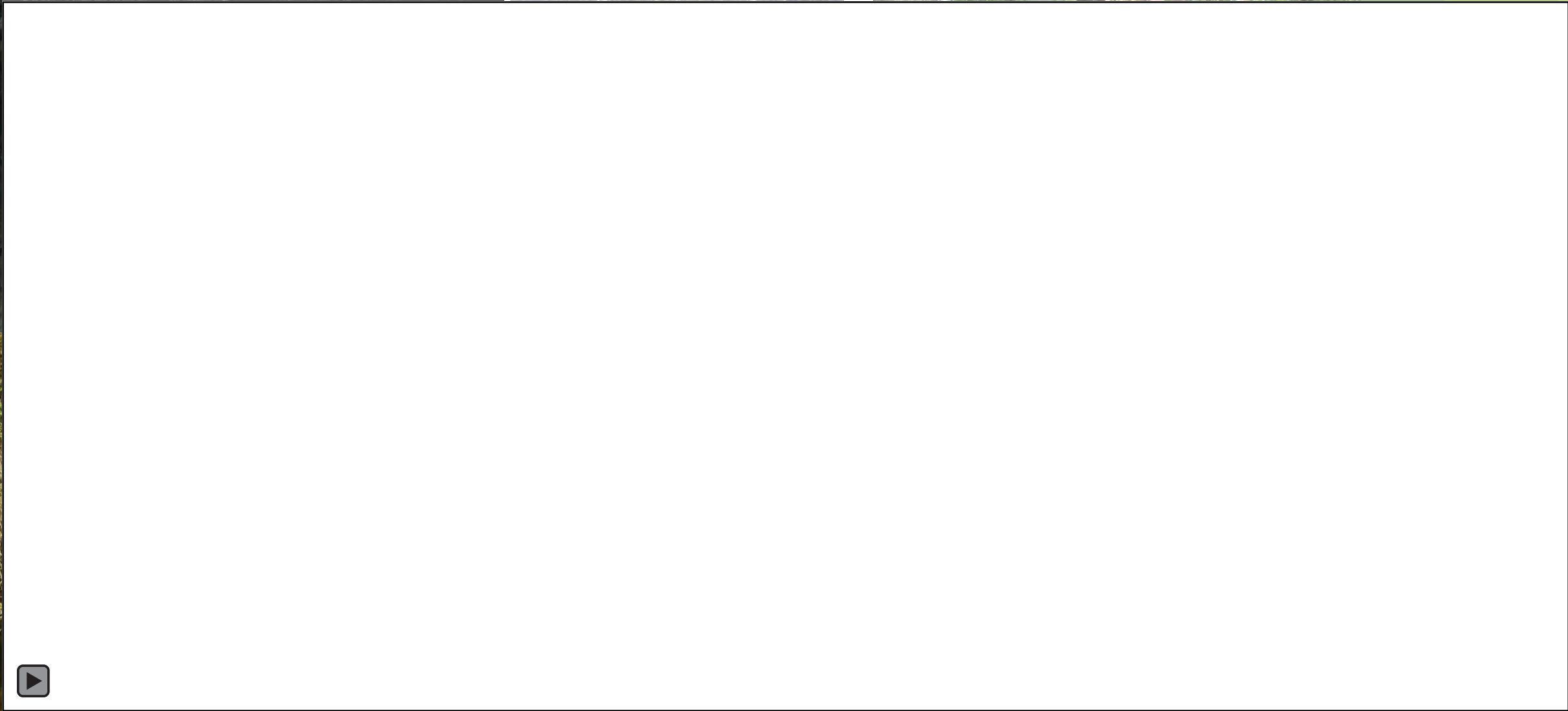

Joe Flynn, Secretary

05/21/2019
Date

Creative Mitigation Solutions for Section 106



- Nearly entire span of Native American ceramics represented
- Over 40,000 sherds analyzed
- 321 vessels identified
- Early Woodland – 7 pots
- Middle Woodland – 108 pots
- Late Woodland – 186 pots
- Size variability through time





Thank You.

Questions?