

CATEGORICAL EXCLUSION NON-PROGRAMMATIC ENVIRONMENTAL IMPACT SUMMARY

Action/Project Name: Farmington **State Project Number:** 16212
Federal Project Number: X-A001(092)

Description of Project (Attach Location Map, As Appropriate):

The proposed action would involve the reconstruction of NH Route 11 to add a center left turn lane and tie into the existing center turn lane southeast of the intersection with Main Street (NH Route 153). The project extends southerly approximately 3500 feet. Also, a centerline rumble strip will be installed from the southeasterly end of this center lane construction, southeasterly to the Town Line with Rochester. The Project is scheduled to have a Public Hearing June, 24 2014 and advertise June 2016. (See Exhibits 1-3)

Project Purpose and Need:

The Purpose of this project is to improve the safety deficiencies at the project location.

The need for this project is demonstrated by the many traffic accidents on this part of NH Route 11. Traffic data from 2002 to 2009 noted one accident with a fatality, three accidents with severe injuries and 41 other accidents with minor injuries or property damage. Many of the accidents were rear end collisions from vehicles stopped, attempting to make a left turn, side impacts from trying to enter NH Route 11 from driveways or drivers drifting over the centerline and causing a head-on collision. Many of these accidents most likely could have been avoided by the inclusion of a center turn lane and a centerline rumble strip. (See Exhibit 13)

Alternatives Considered:

Alt. No. 1 No Build. This alternative would provide no improvements to the roadway and was rejected as it would not address the safety issues here and serious accidents would most likely still occur. No other alternatives were considered as there were no viable options to correct the safety issues.

Project Setting:

Urban Village Rural
 Scenic Byway/NH Scenic Road? Yes No
 National/State Forest Highway? Yes No

Unique Features: This area has an old railroad corridor nearby with some potentially historic houses, but the project should not impact either the rail line or the houses.

IMPACT ASSESSMENT SUMMARY

1.	Air Quality	NOT APPLICABLE <input type="checkbox"/>
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Is project located in ozone nonattainment area?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is project located in carbon monoxide nonattainment area?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Is project included in conformity determinations?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Year ____.
Is project exempt from conformity determination?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Is project exempt from CO analysis?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Exemption Code (from most recent conformity document): ____.			
Has project changed since the conformity analysis?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	N/A
Is project exempt from NEPA requirement to consider air quality?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

For Projects Requiring a Carbon Monoxide Microscale Analysis: N/A

Maximum Predicted 1-Hour Concentrations (ppm):

	YEAR	CONCENTRATIONS			
Current Year	()	___ to ___	NAAQS Violations?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Opening Year	() build	___ to ___	NAAQS Violations?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Opening Year	() no-build	___ to ___	NAAQS Violations?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Design Year	() build	___ to ___	NAAQS Violations?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Design Year	() no-build	___ to ___	NAAQS Violations?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

Comments: A conformity determination is not required, as the project is consistent with exempt projects listed in Table 2 of 40 CFR 93.126. Additionally, when completed, the project is not expected to result in any meaningful changes in traffic volumes, vehicle mix, location of the existing facility, or any other factor that would cause an increase in emissions impacts relative to the no-build alternative or contribute to violations of the NAAQS. As a result, it can be concluded that this project will not have an adverse impact on air quality. No further air quality review is warranted.

2. Historic/Archaeological Resources (Section 106 or RSA 227-C:9) NOT APPLICABLE

Historic Resources Investigated? Yes No National Register Eligible? Yes No
 Comments _____

Archaeological Resources Investigated? Yes No National Register Eligible? Yes No
 Comments _____

Findings: No Historic Properties Affected No Adverse Effect Adverse Effect

Agency Comments: NHDOT will discuss the centerline rumble strip at the Public Hearing. (See Exhibits 4 and 16). (Effects Memo will be issued after Public Hearing) Review Completed: _____

Advisory Council Consultation Comments (when Adverse Effects are found): **N/A**
 Review Completed: _____

Mitigation: **None needed**

3. Threatened or Endangered Species/Natural Communities NOT APPLICABLE

Endangered species in project area? Yes No In vicinity? Yes No
 Section 7 consultation necessary? Yes No

Comments from NH Natural Heritage Inventory: **See Exhibit 5**
A program of the NH Department of Resources and Economic Development

Comments from State, Federal, or private agency: **See Exhibit 6**

Mitigation (Describe): **None**

4. Floodplains or Floodways NOT APPLICABLE

Does the proposed project encroach in the floodplain? Yes No Acreage _____.
 Volume ____.

Significance (Describe): NH Route 11 crosses part of a flood plain, but this project should not remove any flood storage capacity from the floodplain.

Does the proposed project encroach in the floodway? Yes No Acreage _____.
 Volume ____.

Significance (Describe): _____

Coordination With FEMA Required? Yes No

Comments from NH Offices of Emergency Management and State Planning: **See Exhibit 7**

Comments from Federal Highway Administration: **N/A**

Comments from US Army Corps of Engineers: **N/A**

Mitigation (Describe): **None required**

5. Noise NOT APPLICABLE

Is project a Type I Highway Project? Yes No
 Are There Receptors Present? Yes No : # of Residential __. # Of Commercial __.

Year	Range of Noise Levels (dBA Leq)		Noise Abatement Criterion Impacts	
	Residential (R)	Commercial (C)	# Approaching	# At or Exceeding
No-Build	_____ to _____	_____ to _____	Res, Comm	Res, Comm
Build	_____ to _____	_____ to _____	Res, Comm	Res, Comm
No-Build	_____ to _____	_____ to _____	Res, Comm	Res, Comm
Build	_____ to _____	_____ to _____	Res, Comm	Res, Comm

Will completed project increase noise levels 3 dBA or more? Yes No
 15 dBA or More? Yes No

Are mitigation measures included in project? Yes No

Explain: As this project does not involve the construction of a new highway, the addition of through traffic lanes or alterations to the vertical or horizontal alignment of the existing roadway, the subject project is not a Type I highway project. Since this project is not a Type I highway project a noise impact assessment is not necessary.

Has the municipality received a copy of the traffic noise assessment? Yes No **N/A**

6. Right-of-Way NOT APPLICABLE

Is additional ROW required? Yes No Acreage 0.45 acres.
 Are improved properties acquired? Yes No Acreage __.
 Displacement: Rental Units __, Private Homes __, Businesses __. **None**
 Relocation Report received from the Bureau of Right-of-Way? Yes No **N/A**

Relocation services to be provided? **N/A**

Properties available for relocation? **N/A**

Public Land (Federal State, or Municipal) Involvement? Yes No . (See Section 7 below.)

State of New Hampshire – Department of Transportation

Parcel No.	Parcel Name	Driveway Easemt. sq. ft.	Slope Easemt. sq. ft.	Drive and slope Easemt. combined	Perm. Right of Way sq.ft.	Add. Pvmt. Bus pulloff
1	409 Route 11 Family Trust			525		
2	Pike Industries		50	0		
3	Steven Coppola Properties, LLC.	125	0	0		
4	Barron, E. W. , III and M.L.	0	0	6400	150	
5	Pike Industries	2150	0	0	825	
6	S.C. & K.J. McDuffee	1650	0	0	1625	
7	Claremont Properties, Inc.	0	0	0	250	
8	Blaney, E.C.	675	0	0	6000	
9	Brookside Property Services, INC.	0	0	4300	0	
10	Holy Rosary Regional Credit Union	1150	0	0	5000	
11	Frisbee Foundation	0	6900	0	0	
12	Frisbee Memorial Hospital	0	0	950	0	
13	Frisbee Memorial Hospital	0	0	2525	1850	350
14	Aubert. T. R. Ancil ;. W.B.	0	0	325	1350	100
15	Aubert, T. R. Ancil, W.B	0	0	1500	2050	400
16	Amrhein, J. H. and R.	0	0	550	650	0
		0	0	0	0	0
Totals		5750	6950	17075	19750	850

7. Section 4(f) Resources NOT APPLICABLE

- Public Parkland Impacts? Yes No Temporary Permanent
 Public Recreational Area Impacts? Yes No Temporary Permanent
 Public Wildlife/Waterfowl Refuge Impacts? Yes No Temporary Permanent
 Historic Properties Impacted? Yes No Temporary Permanent
 LCIP Recreational Land? Yes No Temporary Permanent

Acquisition required? Yes No Area__.

Comments: See Exhibits 4, 11 and 16

Non-acquisition use of 4(f) property (23 CFR 771.135(p)):

- Noise Level Increase Yes No Visual Intrusion Yes No
 Access Restriction Yes No Vibration Impacts Yes No
 Ecological Intrusion Yes No

Programmatic 4(f) Evaluation 4(f) Evaluation

For impacts to recreational 4(f) resources, obtain a statement of significance from official with jurisdiction:
 Date Requested: __. Date Received: __.

8. Section 6(f) Resources NOT APPLICABLE

Are there impacts to any properties acquired or improved with funds made available through Section 6(f) of the Federal Land and Water Conservation Fund Act? Yes No Temporary Permanent

- Recommendation received from State Liaison Officer? Yes No
 Coordination with the US Department of the Interior necessary? Yes No

Comments: See Exhibit 8

9. Water Quality/Streams, Rivers, and Lakes NOT APPLICABLE

Erosion Control Plan Required? Yes No
 Groundwater Impacts? Yes No
 Surface Water Impacts? Yes No
 Wells Impacted? Yes No Private Community Municipal
 Stream Alteration Required? Yes No

Coordination Required on: Public Waters Access? Yes No
 Shoreland Protection? Yes No
 Lakes Management? Yes No
 Wild and Scenic River? Yes No
 NH Designated River? Yes No

Comments: A NHDES Shoreland permit will be required. Letters have been sent to the River Management Bureau at NHDES and the Cochecho River Advisory Committee regarding this project. The project will disturb less than 50,000 sq. ft. of protected Shoreland. The project will result in more than 100,000 sq. ft. of ground disturbance. The project is within a wellhead protection area so the contractor shall utilize stringent BMPs to prevent and contamination of groundwater. **See Exhibits 9 and 10**

10. Wetlands NOT APPLICABLE

Will this project impact lands under the jurisdiction of the NH Wetlands Bureau? Yes No

Type of permit required: *expedited* *minimum* *minor* *major* .

Does this project qualify under the ACOE NHSPGP? Yes No .

ACOE Individual Permit required? Yes No .

Landform Type	USF&W Classification	Permanent Impacts	Temporary Impacts
		0	0
Total			
Non-Wetland Bank <small>(Jurisdictional land adjacent to lakes, ponds, streams and rivers)</small>	0	0	0
Upland Portion of the Tidal Buffer Zone <small>(Land within 100' of the highest observable tide line)</small>	N/A		
Total		0	0

Estimated length of permanent impacts to banks _____ ft.
 Estimated length of permanent impacts to channel _____ ft.
 Estimated volume of impacts in Public Waters _____ cu. yd.
 If a channel is to be constructed, or a culvert or a bridge is to be installed, give the distance the flow of water is to be rerouted _____ ft.
 If waterfront project, indicate total length of shoreline frontage _____ ft.
 If wall, riprap, beach, or similar project, indicate length of proposed shoreline impact _____ ft.

Describe Mitigation: _____

Comments: _____

11. Land Conservation Investment Program (LCIP) NOT APPLICABLE

Will land or easements obtained through the LCIP be impacted? Yes No
(Contact the LCIP Coordinator at the NH Office of State Planning)
 Have the impacts been reviewed at a monthly Natural Resource Agency Meeting? Yes No N/A
 Has an application been made to CORD demonstrating compliance with RSA 162-C:6? Yes No N/A

Comments: See Exhibit 11

12. Wildlife and Fisheries NOT APPLICABLE

Does the project impact important habitat? Yes No
 Does the project have the potential to impact Essential Fish Habitat? Yes No

Comments: _____

Mitigation (Describe): _____

13. Agricultural Land NOT APPLICABLE

Does the project impact agricultural land? Yes No Active farmland? Yes No
 Does project area contain prime, unique, statewide or local important farmland? Yes No
 Completion of Form AD-1006 Required? Yes No

Comments: Project will stay within the NHDOT Right of Way except for a very small amount of slope, construction and driveway easements.

14. Coast Guard NOT APPLICABLE

Does the project involve work in navigable waters? Yes No
 Does the project impact a historic bridge? Yes No
 Does the project require a Coast Guard Permit? Yes No

Determination of FHWA and/or Coast Guard: _____

Comments: _____

15. Hazardous/Contaminated Materials Liabilities NOT APPLICABLE

Does the project area include sites from NHDES Groundwater Protection Bureau list? Yes No
 ISA completed and attached? Yes No Additional investigation required? Yes No
 CERCLA involvement? Yes No
 Remediation required? Yes No

Comments: There are several sites listed in the NHDES contaminated sites list within the project area. Two of them are outside the immediate project location and have been closed. The other site is at parcel 5, Pike industries. This site is also closed and was a limited fuel spill from 1990. There are no other contamination issues with this project. See Exhibit 12

16. Public Participation Opportunity NOT APPLICABLE

Public Informational Meeting? Yes No Date 7/11/2012 and 4/21/2014
 Public Hearing Required? Yes No Date 6/24/2014 (scheduled)
 On site meeting? Yes No Date ____.

Comments: _____

17. Social and Economic Impacts NOT APPLICABLE

Is the project consistent with local and regional land use plans? Yes No

Describe: This project will improve the safety of the driving public and decrease the number of vehicle collisions on NH Route 11. It will also provide protected stopping areas at the medical facility for bus traffic.

See Exhibits 13 and 15.

Neighborhood and community impacts? Yes No
 Churches Handicapped Schools
 Low Income Housing Minorities

Describe **No permanent impacts.**

Impacts to local businesses? Yes No Temporary Permanent

Describe: This project will result in temporary construction impacts to travel along this road, but access to all residences and businesses will be maintained throughout the construction of the project.

18. Environmental Justice (Executive Order 12898)

NOT APPLICABLE

Does the area affected by the proposed action contain minority or low-income populations? Yes No

Are the anticipated environmental impacts resulting from the proposed action likely to fall disproportionately on the minority and/or low-income populations? Yes No

Comments: This project area includes senior and low-income populations. It will improve travel on NH Route 11 and make it safer for these groups to access businesses located here. Notices of the Public Hearing have been sent to the suggested minority groups. See Exhibit 14

19. Traffic Patterns

NOT APPLICABLE

Temporary detour required? Yes No Length___.
Temporary bridge required? Yes No Impacts? Yes No

Describe: _____

Permanent changes to traffic patterns? Yes No

Describe: A center turning lane will be added.

20. Construction Impacts:

NOT APPLICABLE

Describe: During construction there will be; increased noise and dust; possible alternating one way traffic at times, delays, slight changes in traffic patterns. These will go away after construction is finished.

21. Field Inspection Comments:

There is a small area of the invasive plant Honeysuckle, located near Sta. 534 on the west side of the roadway. If this plant area is to be disturbed, the contractor shall use the 'Best Management Practices for Roadside Invasive Plants' to treat the area.

22. Coordination

Meeting	Date	Comments
Public information meeting	7/17/2012	
NH SHPO Meeting	11 14 2013	Initial meeting, provide more photos
Public information meeting	4/21/2014	

CONTACT LETTERS SENT & REPLIES RECEIVED

AGENCY/ORGANIZATION	CONTACT	LETTER SENT	REPLY REC'D
Town of Farmington-	Town Administrator	9/28/2011	
Town of Farmington-	Historical Society	9/28/2011	
Town of Farmington-	Conservation Comm.	9/28/2011	10/14/2011
Town of Farmington-	Planning Board	9/28/2011	
Town of Farmington-	Public Works	9/28/2011	
Town of Farmington-	Select Board	9/28/2011	
Town of Farmington-	Emergency Management	9/21/2011	
NHDES Ground Water Bureau	Sarah Pillsbury	9/21/2011	
NH OEM Flood Management Bureau	Jennifer Gilbert	9/28/2011	9/30/2011
NHDRED- 6(f) properties	Jane Carey	9/21/2011	10/7/2011
NH Conservation Land Stewardship	Steve Walker	9/21/2011	9/21/2011
NHDOT Environmental Justice	Jay Ankenbrock	4/28/2011	06/15/2011
Strafford Regional Planning	Cynthia Copeland	9/28/2011	10/10/2011
LCHIP	Jess Charpentier	10/15/1013	
Cocheco River Local Advisory Committee	Tom Fargo	02/06/2014	04/07/2014

Exhibits

1. **Maps of Project area**
2. **Plan of Project**
3. **Air Photos of Project area**
4. **Email from NHDHR**
5. **Memo from NHHNB**
6. **Memo from USFWS**
7. **Memo from NHOEP regarding flood plains**
8. **Memo from NHDRED regarding 6(f) properties**
9. **Water quality information**
10. **Reply from Cocheco River Local Advisory Committee**
11. **Memo from CLS regarding LCIP properties**
12. **Contaminated properties near project area**
13. **Vehicle collisions from 2002 to 2009**
14. **Memo regarding Environmental Justice**
15. **Reply from Strafford Regional Planning Commission**
16. **No Historic properties affected Memo (included after Public Hearing)**

23. Environmental Mitigation and/or Commitments:

The following environmental commitments have been made for this project. The NHDOT Bureau (s) responsible for these commitments are listed in bold type.

1. This project requires coverage under the Environmental Protection Agency's National Pollutant Discharge Elimination System's (NPDES) Construction General Permit (CGP). The Contractor shall prepare a Stormwater Pollution Prevention Plan (SWPPP), and submit it to the Department at least 15 working days prior to the start of construction. **(CONSTRUCTION, ENVIRONMENT)**
2. Prior to the commencement of work, all appropriate erosion control and stormwater management measures shall be installed to prevent detrimental environmental impacts. Such measures shall be inspected and maintained throughout construction. The project is within a wellhead protection area, so stringent BMPs shall be used to prevent any contamination of the groundwater **(CONSTRUCTION, ENVIRONMENT)**
3. Precautions will be employed to minimize noise, dust, and vibrations during the construction period, primarily for the abutting receptors located adjacent to the project area. **(CONSTRUCTION)**
4. Access to all abutting properties shall be maintained throughout the construction period. **(CONSTRUCTION)**
5. A hazardous waste remediation site is located within the project area (Parcel 5). While concerns associated with this site are not anticipated during construction, if any visual or olfactory indications of the presence of contamination are encountered during excavation, the Bureau of Environment (603-271-3226) shall be notified immediately and construction shall be discontinued until the situation is assessed. **(CONSTRUCTION, ENVIRONMENT)**
6. Any work, including access, staging and vehicle parking, shall be located on paved or gravel surfaces, or maintained vegetated areas. In all instances, such areas shall be dry and firm enough to support all equipment. **(CONSTRUCTION)**
7. It is not anticipated that any work will be conducted in areas under the jurisdiction of the NH Department of Environmental Services Wetlands Bureau. However, should design changes or the contractor's method of construction require work within NH Wetlands Bureau jurisdiction, the appropriate permits from the NH Wetlands Bureau and the US Army Corps of Engineers shall be obtained prior to the commencement of construction. **(CONSTRUCTION, ENVIRONMENT)**
8. The project area contains invasive plants listed on the NH List of Prohibited Invasive Species (AGR PART 3802.01): Honeysuckle. All work, including daily removal of plant material from construction equipment, shall be conducted in accordance with the Department publication *Best Management Practices for Roadside Invasive Plants*. **(CONSTRUCTION)**

Prepared by:

Project Environmental Coordinator
Cathy Goodmen

Date

Approval
Recommended By:

Section Chief
Ronald C. Crickard

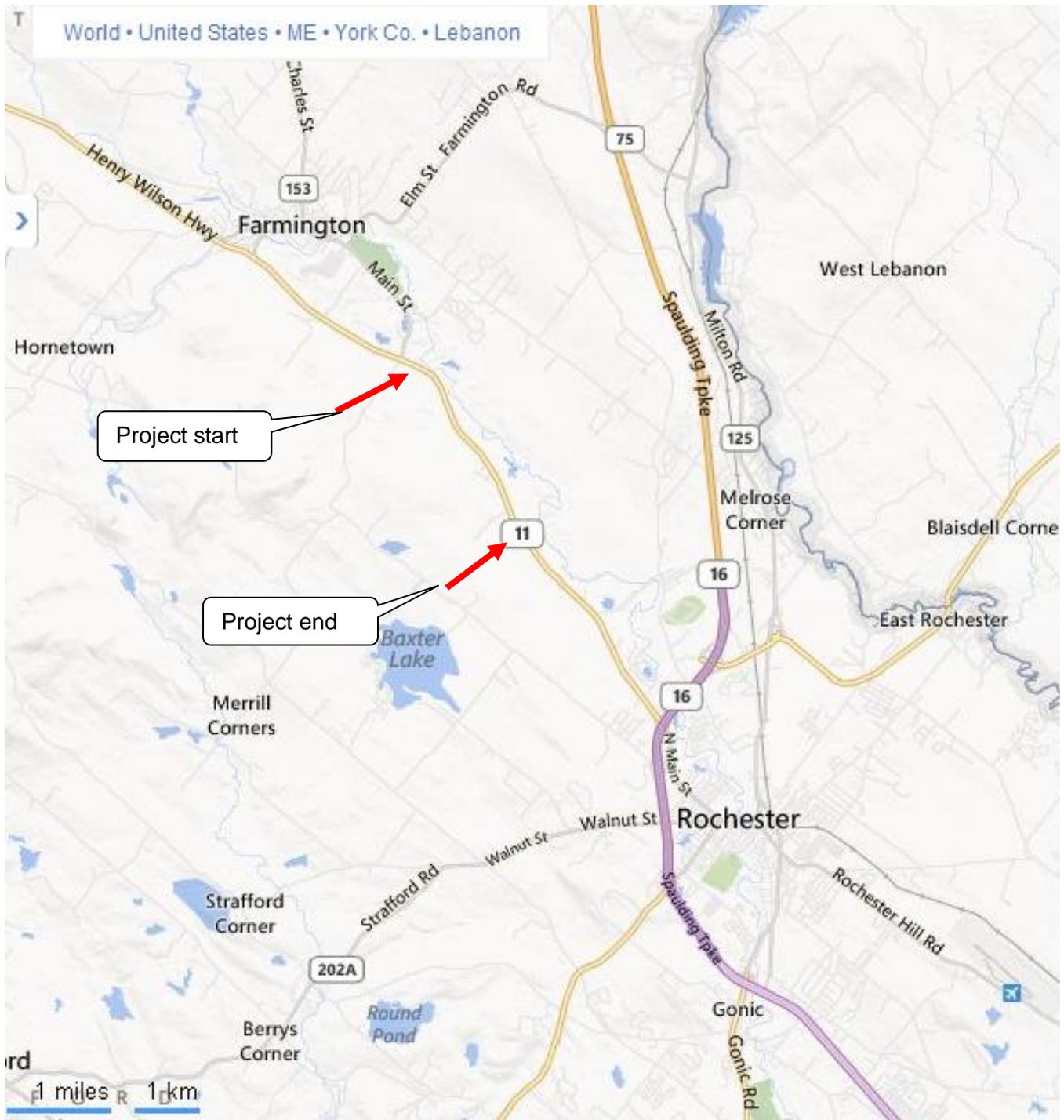
Date

Approved by:

Administrator, Bureau of Environment
Kevin T. Nyhan

Date

Exhibit 1- Maps of Project area



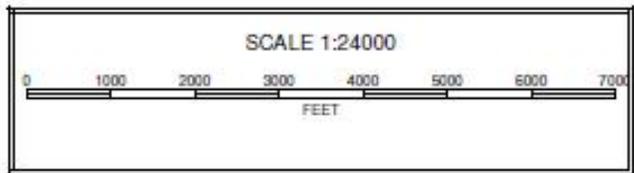
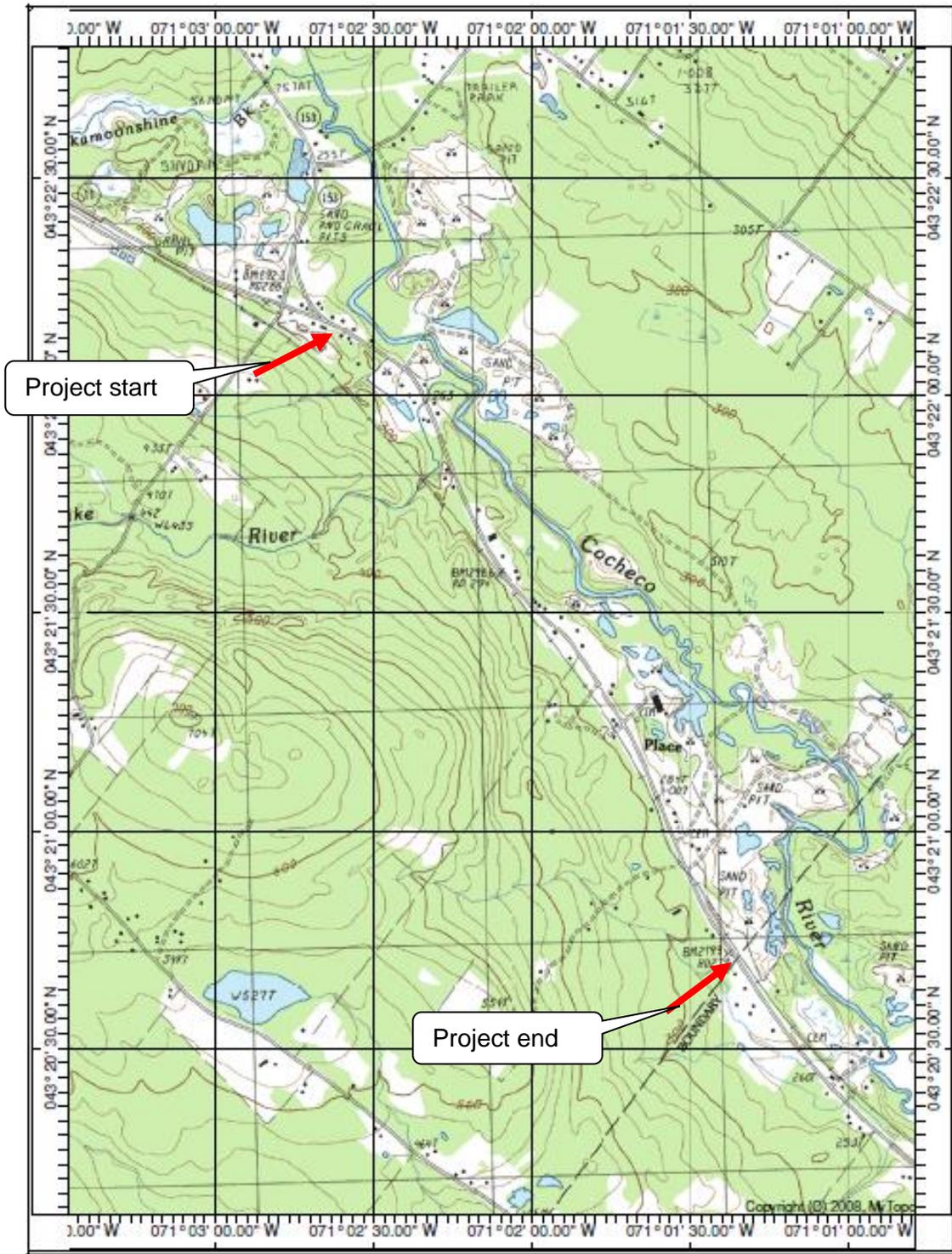
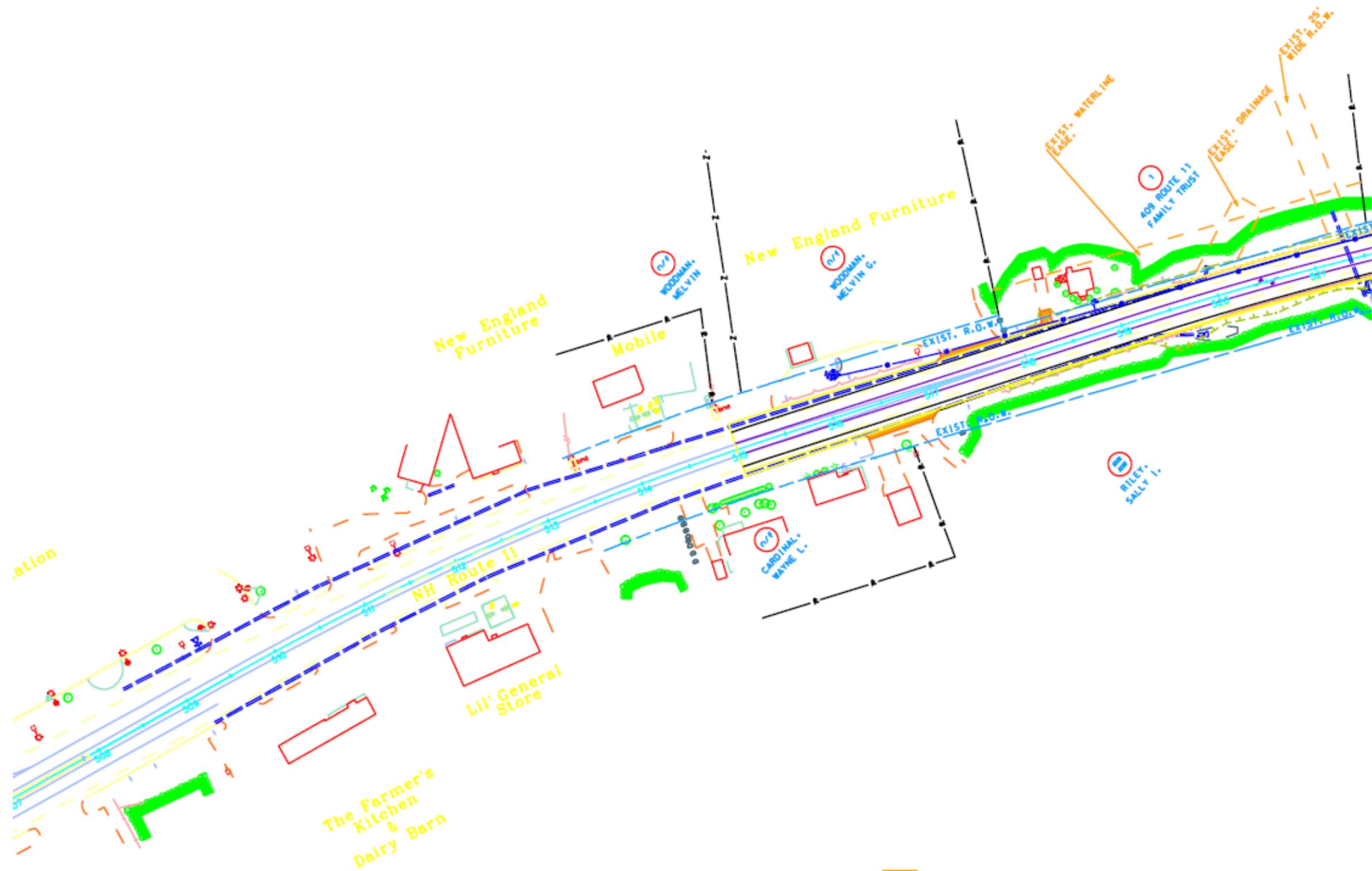
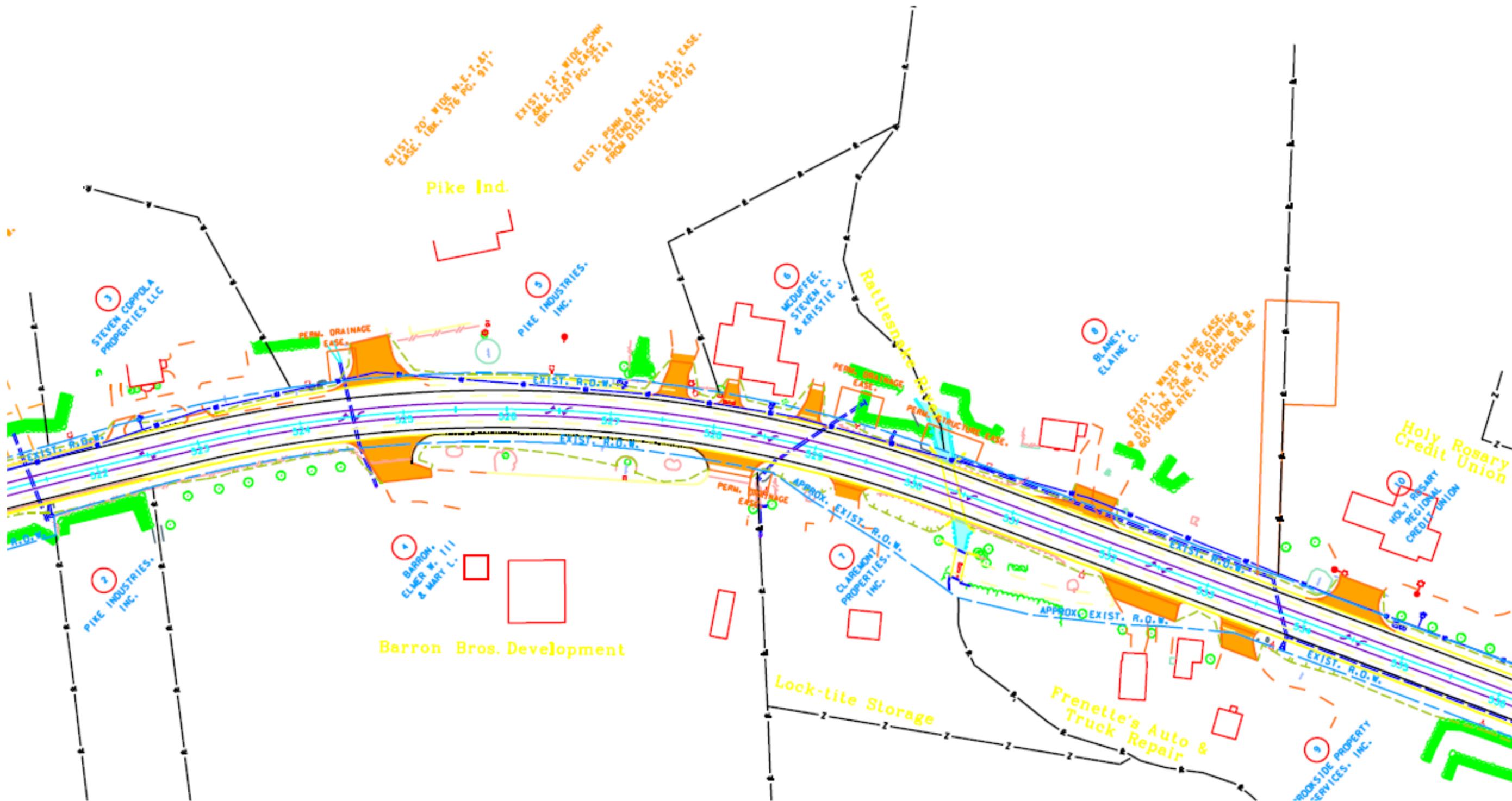


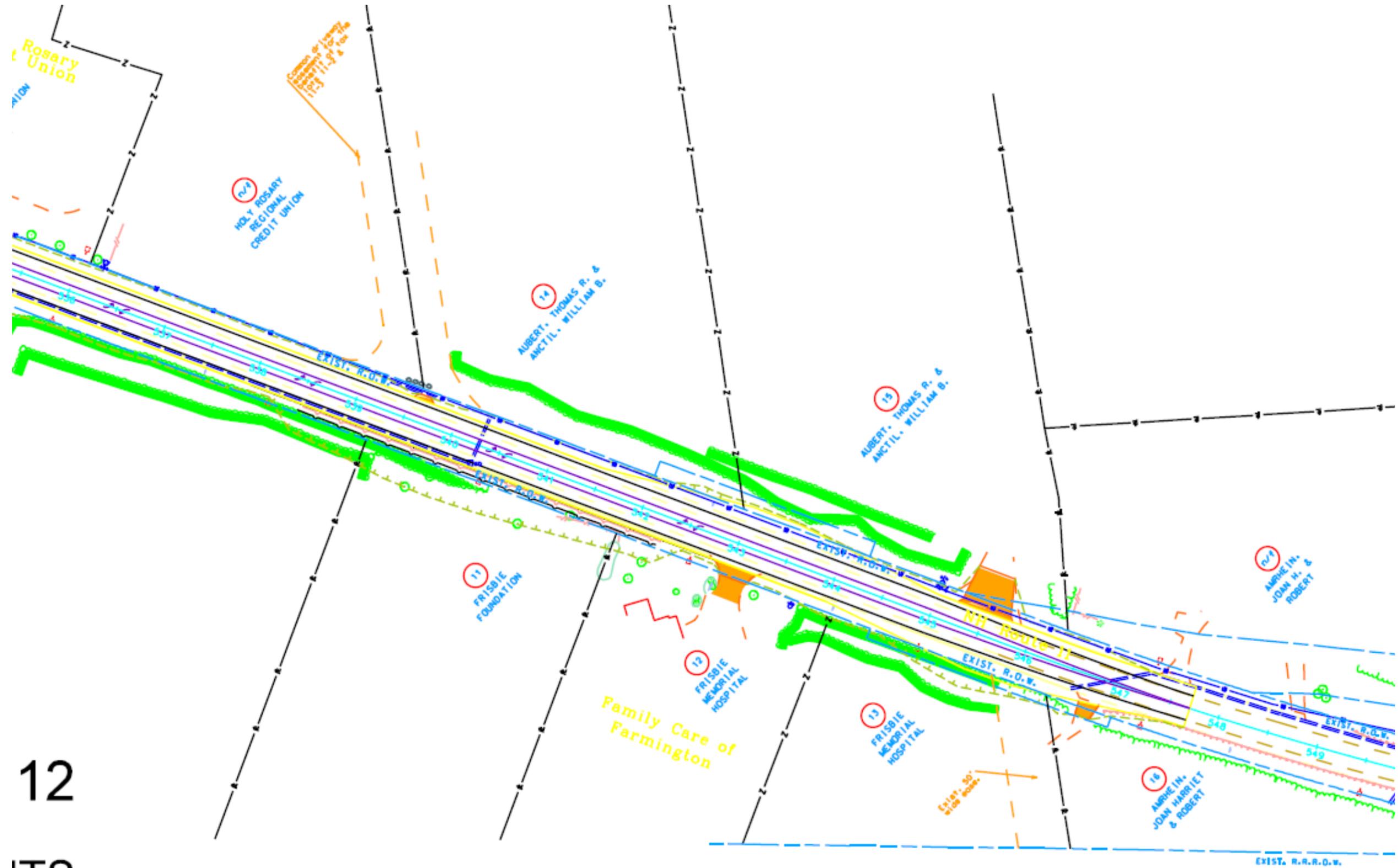
Exhibit 2- Plan of project-Western end



Plan of Project- Center section



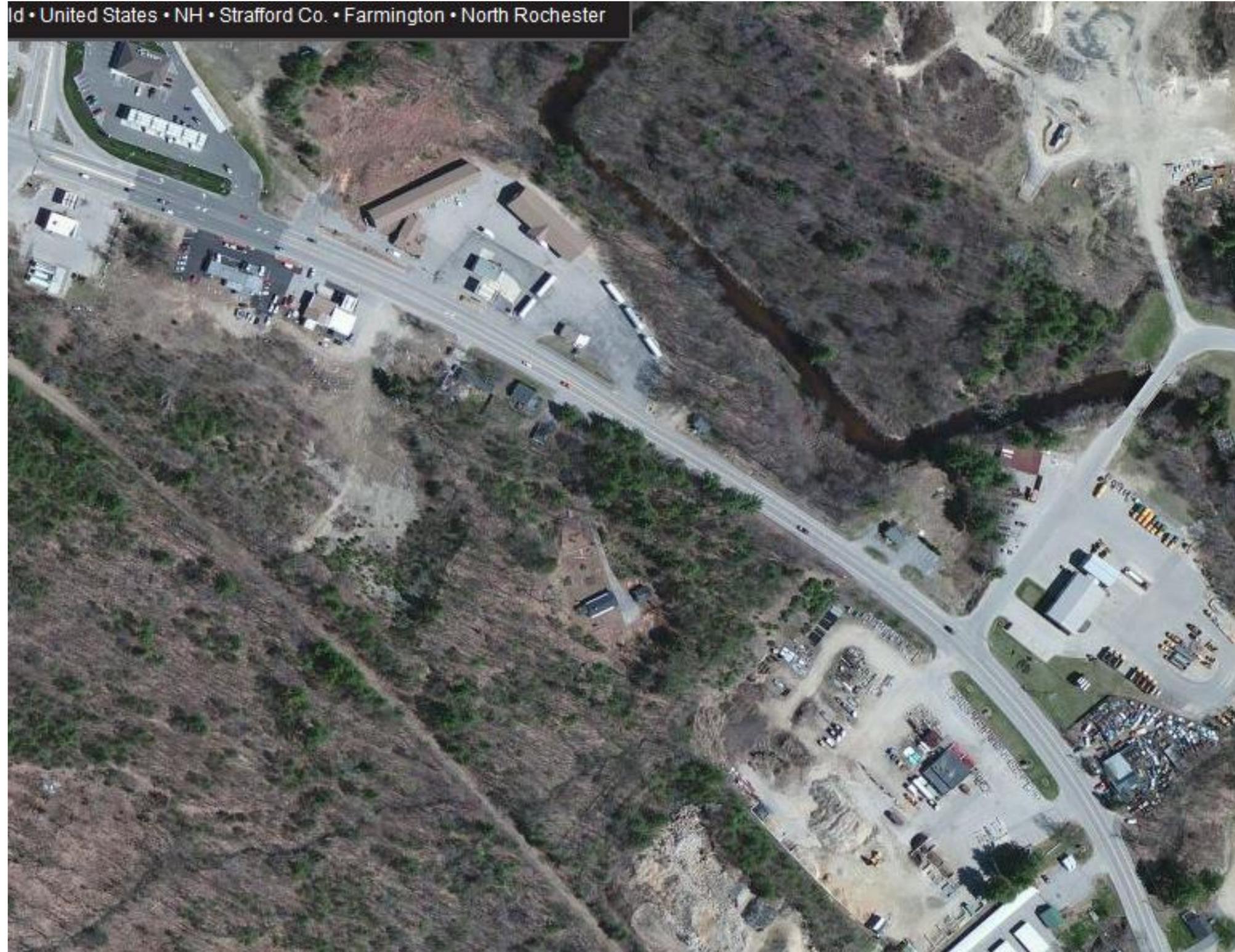
Plan of Project - Eastern end



12
ITS

Exhibit 3- Air Photos of Project area

Northern end



Southern End

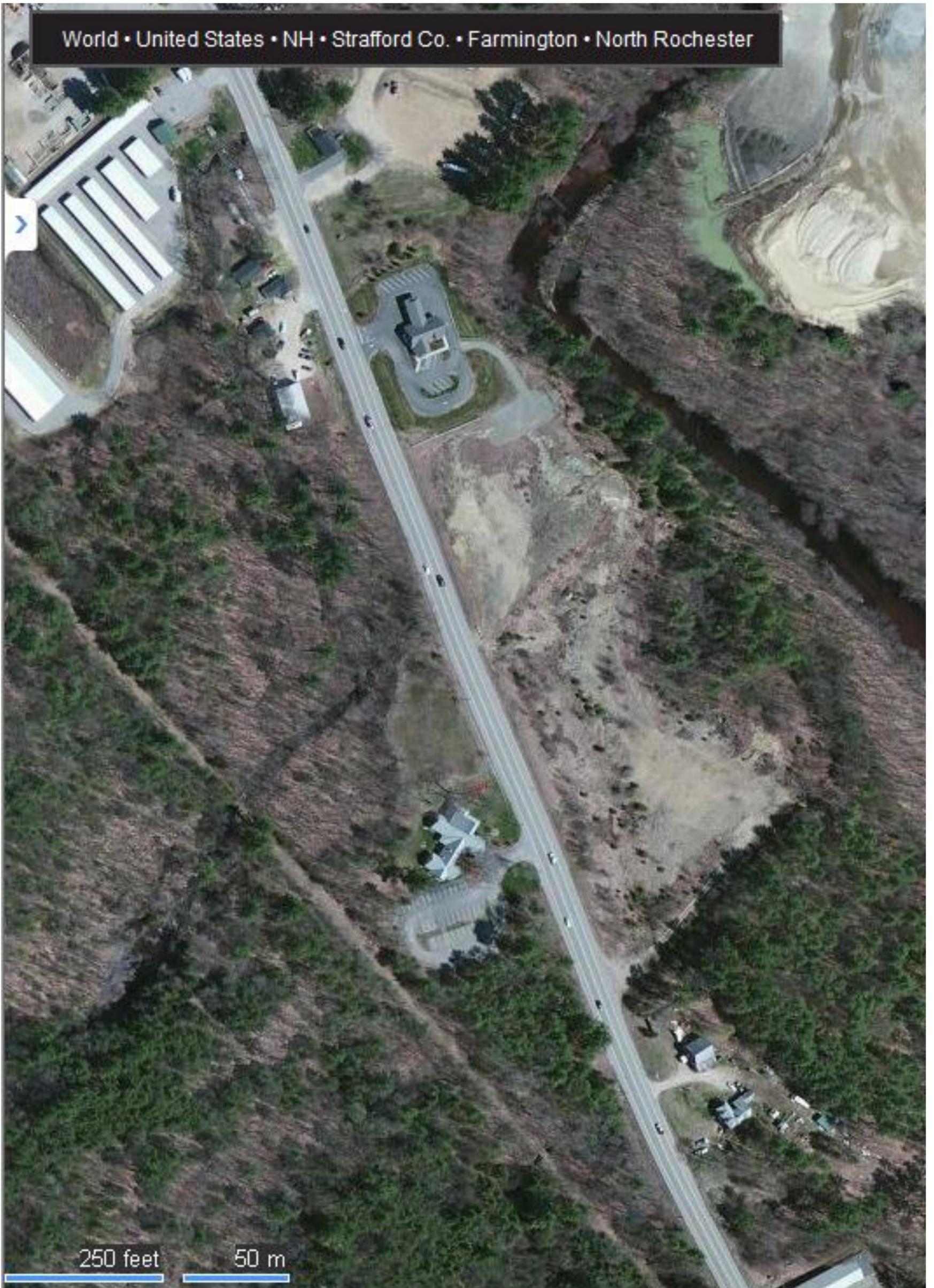


Exhibit 4- Email from NHDHR

Catherine Goodmen

From: Black, Laura <Laura.Black@dcr.nh.gov>
Sent: Friday, November 22, 2013 10:27 AM
To: Catherine Goodmen
Cc: Jillian Edelmann; Feighner, Edna; St.Louis, Christina; Jamie.Sikora@dot.gov
Subject: Farmington X-A001(192) 16212 RPR 3259

Hi Cathy:

I took a look at the mapping Jill brought over. It looks like all the work along the center-turn lane section of the project involves mostly driveway connections and minor landscaped grading at the road edge. No treelines or other property features (including the old road bridge) appear to be impacted. Most of those properties older than 50 years appear to be altered as well so not likely to be National Register-eligible. Based on that combination, no survey is recommended for that stretch. There do appear to be a number of potentially NR-eligible properties along the stretch of roadway with proposed rumble strips. While no survey is suggested at this time, there could be the potential for noise issues so please coordinate directly with property owners. If any concerns for any reason are shared, survey may be required.

Thanks,
Laura

Laura S. Black
Special Projects and Compliance Specialist
New Hampshire Division of Historical Resources
19 Pillsbury Street, Concord, NH 03301
603-271-6438 Fax: 603-271-3433

Exhibit 5- Memo from NHHNB



New Hampshire Natural Heritage Bureau

To: Catherine Goodmen
7 Hazen Drive
P.O.Box 483
Concord, NH 03302-0483

Date: 10/15/2013

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 10/15/2013
NHB File ID: NHB13-3077

Applicant: NH DOT

Location: Tax Map(s)/Lot(s):
Farmington

Project Description: widen NH Route 11 to construct a center left turn lane for safer turning traffic. Install rumble strip at center line of pavement, south of the new center turn lane, southerly to the Rochester Town Line

The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 10/14/2014.

Exhibit 6- Memo from USFWS



United States Department of the Interior



FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>

January 7, 2014

To Whom It May Concern:

The U.S. Fish and Wildlife Service's (Service) New England Field Office has determined that individual review for specific types of projects associated with highway maintenance and upgrade activities **is not required**. These comments are submitted in accordance with provisions of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*).

Due to the high workload associated with responding to many individual requests for threatened and endangered species information, we are attempting to reduce the number of correspondences we conduct. We have evaluated our review process for highway maintenance actions and believe that individual correspondence with this office is not required for the following types of actions on existing roadways:

1. resurfacing projects;
2. intersection improvements, including the construction of traffic signals;
3. routine maintenance and installation of guard rails;
4. lighting improvements.

In regard to other proposed highway actions along existing rights-of-way, your review of the list of threatened and endangered species locations in Vermont, New Hampshire, Rhode Island, Connecticut and Massachusetts (available on our website, see below) may confirm that no federally-listed, endangered or threatened species are known to occur in the town or county where the project is proposed. If a listed species is present in the town or county where the project is proposed, further review of the information provided on our website may allow you to conclude that suitable habitat for the species will not be affected. For example, our experience demonstrates that there will be few, if any, highway projects that are likely to affect endangered roseate terns, threatened piping plovers, endangered Jesup's milk-vetch, or other such species found on islands, coastal beaches or in riverine habitats.

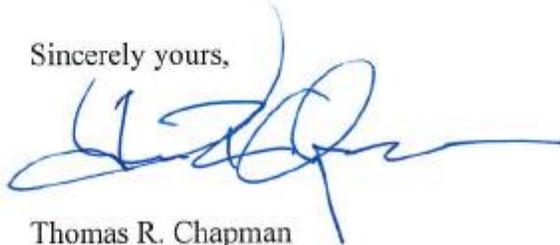
January 7, 2014

For projects that meet the criteria described above, there is no need to contact this office for further project review. A copy of this letter should be retained in your file as the Service's determination that no listed species are present, or that listed species in the general area will not be affected. This correspondence remains valid until January 1, 2015. Updated consultation letters and species lists are available on our website:

<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm>

Thank you for your cooperation, and please contact Maria Tur of this office at 603-223-2541 for further assistance.

Sincerely yours,



Thomas R. Chapman
Supervisor
New England Field Office

Exhibit 7- Memo from NH OEP regarding flood plains



JOHN H. LYNCH
GOVERNOR

STATE OF NEW HAMPSHIRE
OFFICE OF ENERGY AND PLANNING

4 Chenell Drive
Concord, NH 03301-8501
Telephone: (603) 271-2155
Fax: (603) 271-2615



www.nh.gov/oep

MEMORANDUM

TO: Kevin Nyhan
DOT Bureau of Environment

FROM: Jennifer Gilbert
NH Floodplain Management Coordinator

DATE September 30, 2011

SUBJECT: Farmington, X-A001(092), 16212

I am writing in reference to your letter dated September 28, 2011 regarding the above-referenced project. I have reviewed and attached a portion of the Flood Insurance Rate Map for the proposed area. A Zone A area (without base flood elevations) is located in the proposed project area.

State Executive Order 96-4 requires NH state agencies to comply with the floodplain management regulations of all communities that participate in the National Flood Insurance Program (NFIP). Since Farmington is a participating community of the NFIP, any development in a special flood hazard area should meet the community's floodplain management regulations. Development is defined under the NFIP as "any man-made change to improved or unimproved real estate, including but not limited to buildings or other structures, mining, dredging, filling, grading, paving, excavation or drilling operations or storage of equipment or materials."

The NH Department of Transportation (DOT) should use its best judgment in determining if further study is necessary. If DOT feels that the proposed construction will not present a new obstruction to flood flows or alter drainage then additional coordination is likely not necessary.

If you need further assistance, please contact me at 271-2155 or jennifer.gilbert@nh.gov.

Thank you.

TDD Access: Relay NH 1-800-735-2964

Exhibit 8- Reply from NHDRED Regarding 6(f) properties

State of New Hampshire
INTER-DEPARTMENT COMMUNICATION

To: Kevin T. Nyhan
Senior Environmental Manager

From: Jane Carey
Program Specialist
Division of Parks and Recreation

Date: October 7, 2011

Subject: Farmington, X – A001 (192), 16212

This memo is in reference to your request dated September 21, 2011 for review regarding the above referenced project as it pertains to the following Land and Water Conservation Fund (LWCF) properties.

There are two LWCF properties in Farmington, NH. They are numbers and names:

33-00639 Farmington (acquisition of 24 acres off Paulsen Rd.)
33-00516 Farmington School Department (Recreation fields off Park Drive)

I have checked the maps and information you provided with our database and files for the LWCF properties in Farmington and believe the proposed Farmington safety corridor project for improving NH Route 11 east of the intersection on NH Route 153 (Main Street) will not impact the LWCF properties in Farmington, NH.

If you have any questions or the plans change, please contact me at 271-3556 or by email, jcarey@dred.state.nh.us .

JC/jc

Exhibit 9- Water quality information

Map of Shoreland buffer zones; distance from reference line

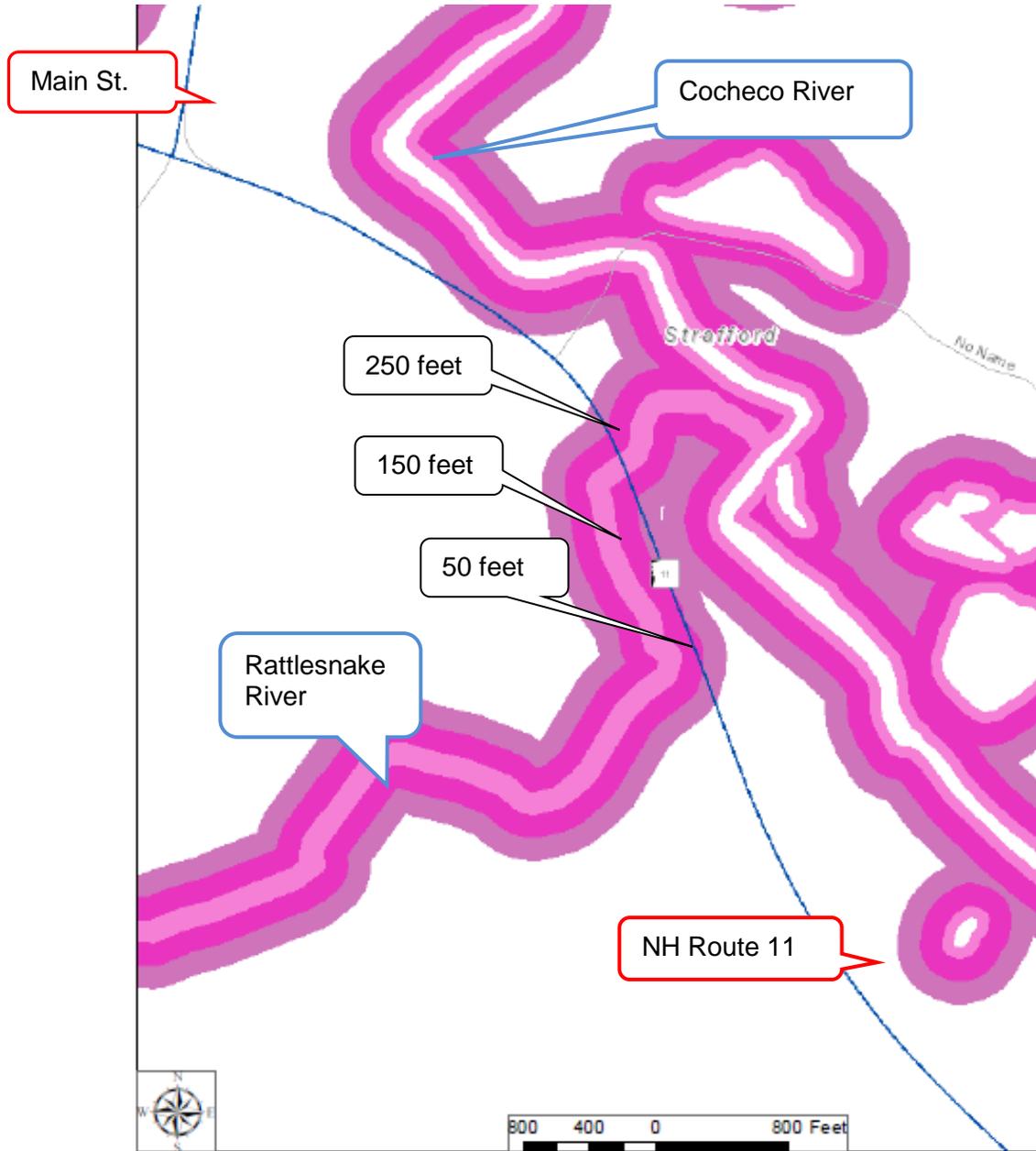


Exhibit 11- Memo from CLS regarding LCIP properties

Catherine Goodman

From: Walker, Steve <Steve.Walker@nh.gov>
Sent: Monday, September 26, 2011 10:50 AM
To: Kevin Nyhan
Subject: RE: Farmington, X-A001(092), 16212

Hi Kevin, There are no LCIP properties in the project area. Thanks Stephen

-----Original Message-----

From: Kevin Nyhan [<mailto:KNyhan@dot.state.nh.us>]
Sent: Wednesday, September 21, 2011 8:29 AM
To: Walker, Steve
Subject: Farmington, X-A001(092), 16212

Good morning Steve,

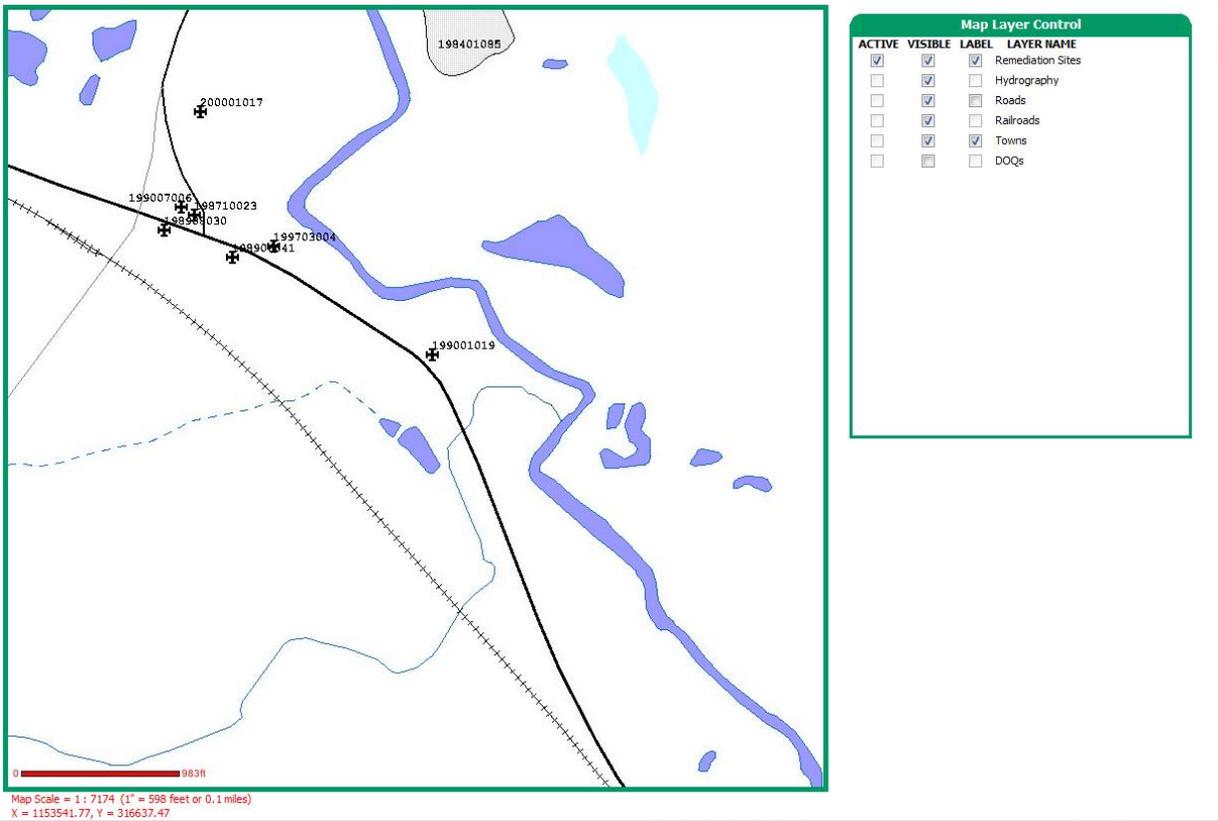
The NH Department of Transportation is planning a corridor safety project to improve NH Route 11 east of the intersection of NH Route 153 (Main Street). Work may include construction of a two-way left turn lane for approximately 1,700 linear feet (*see attached*).

The Department's Bureau of Environment is conducting an environmental study for the subject project. In an effort to ensure that all issues/resources associated with the project are appropriately evaluated, we request your agency's input. Please review this information and comment on the need for further analysis regarding the Conservation Land Stewardship Program in the project area. Any comments you may have concerning this project, or resources within the project area, will assist in the preparation of the environmental document.

Thank you for your assistance.

Kevin T. Nyhan
Senior Environmental Manager
NHDOT Bureau of Environment
John O. Morton Building, Room 160
7 Hazen Drive, PO Box 483
Concord, NH 03302-0483
Tel. 603.271.1553
Fax. 603.271.7199

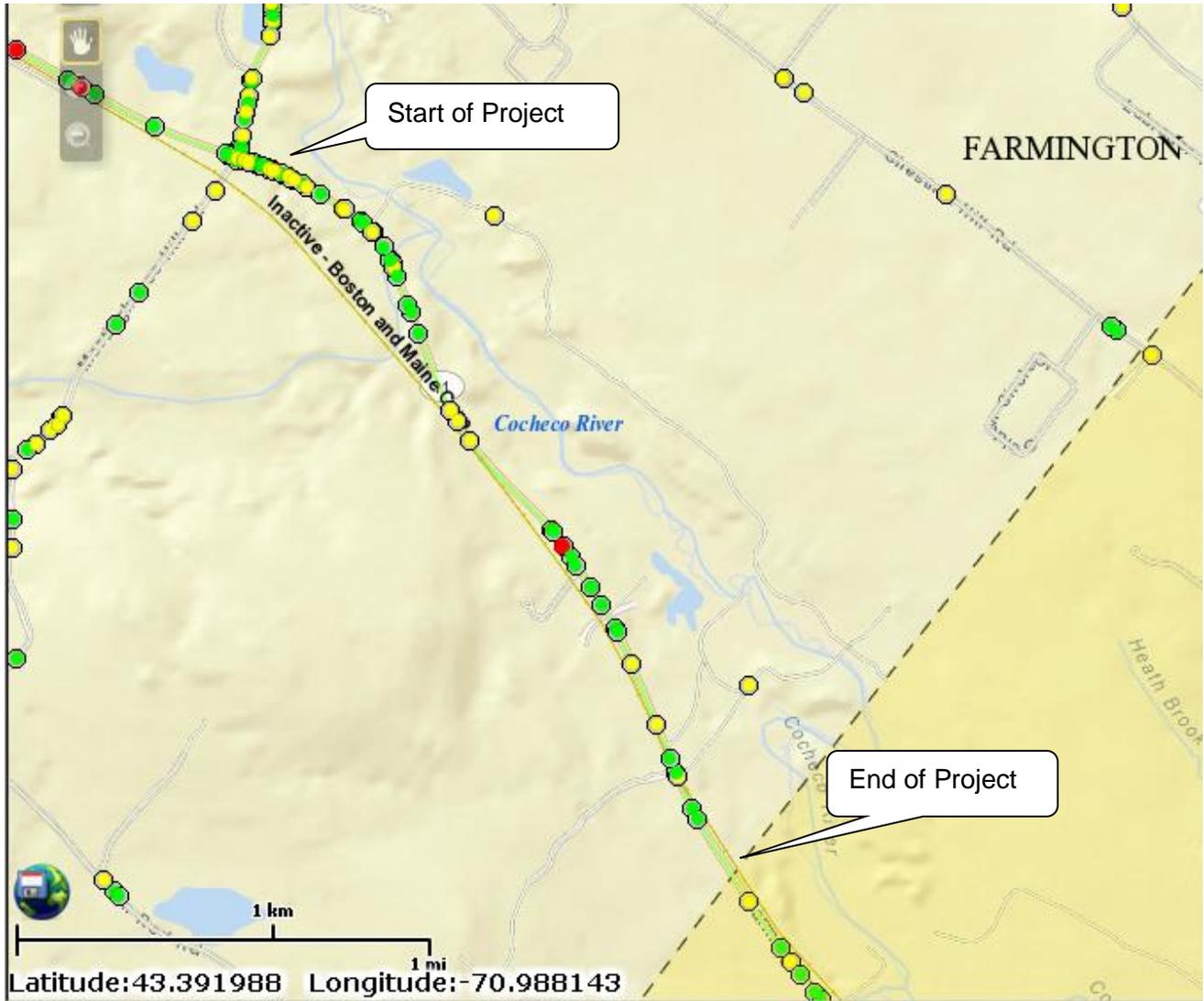
Exhibit 12- Contaminated properties near project area



Remediation Sites
Features returned: 3 of 9807.

MASTER ID	SITE ID	SITE NAME	ADDRESS	TOWN	PROJECT TYPE	PROJECT MANAGER	WORKLOAD PRIORITY	RISK	PERMIT#	TAX MAP	TAX LOT
1556	199703004	FARMINGTON MOBIL	427 RTE 11	FARMINGTON	LUST	CLOSED	3	8	NA	R20	3
1566	199001019	PIKE INDUSTRIES INC P913	383 FARMINGTON RD RTE 11	FARMINGTON	LIC	CLOSED	3	8	NA	R20	7
1569	198906041	WAGON WHEEL STORE	438 RTE 11	FARMINGTON	LUST	CLOSED	3	8	NA	R20	25

Exhibit 13- Vehicle collisions from 2002 to 2009





Farmington Police Department

BUSINESS LINE (603) 755-2731 • DISPATCH CENTER (603) 755-2231

FAX (603) 755-9712

531 MAIN STREET
FARMINGTON, NEW HAMPSHIRE 03835

SCOTT R. ROBERGE
CHIEF OF POLICE

Town of Farmington Route 11 Collision Data

	Vehicles Turning Left	Vehicles Rear-ended	Vehicles Struck Head-on	Vehicles T-boned	Vehicle Other	Weather	Total Year
2010	6	2	1	2	4	1	*63
2009	6	10	0	7	8	3	121
2008	7	7	0	3	13	4	134
2007	9	8	2	3	10	1	141
2006	4	11	4	6	6	4	144
2005	11	12	0	1	11	7	167
<hr style="border-top: 1px dashed black;"/>							
Totals	43	50	7	22	52	20	

These are reportable collisions where an accident report is necessary.

This totals 194 total Route 11 accidents. This is about 36 accidents per year. Farmington averages about 141 accidents a year for the whole Town. About 25 percent of the whole Towns collisions happen on Route 11.

For vehicles turning left and ones rear ended an investigation into this is that many of these are people turning left that were hit from behind. These 2 categories could be combined into one. Of these 93 accidents many could have been avoided with a turning lane on Route 11. Especially heavy traffic from the Route 11 and 153 intersection to the Family Care Center.

Vehicles struck head on could have been assisted with a rumble strip. Of the vehicles T-bones many were trying to pull out onto Route 11 from side streets and parking lots.

The "other" category relates to people who fell asleep, drifted off the roadway (also maybe helped by a rumble strip), or cars that tried to avoid something. In some cases this was a car stopped trying to turn left and these people didn't realize it until it was to late and swerved off the roadway to avoid striking them in the rear.

Exhibit 14- Memo regarding Environmental Justice

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION
INTER-OFFICE COMMUNICATION

RECEIVED
BUREAU OF ENVIRONMENT

JUN 16 2011

NH DEPARTMENT OF
TRANSPORTATION

DATE: June 15, 2011
FROM: *ja* Jay Ankenbrock, Chief of Labor Compliance, Executive Office
TO: Michael Dugas, Chief of Preliminary Design, Highway Design
RE: Environmental Justice Population Analysis, Project: Farmington 16212

The attached analysis and recommendations are provided pursuant to Title VI of the Civil Rights Act of 1964 and Executive Orders 12898 & 13166. The intent of these statutes is to ensure fair and full participation and the equal receipt of benefits under Federally-assisted programs. Your efforts to accommodate and encourage participation by traditionally underserved groups, where significant, will ensure program access and minimize the potential for disproportionate project impacts on protected groups.

The table entitled "EJ Population Analysis" shows the presence of protected groups that might be impacted by the project. Personnel responsible for project planning/design and the coordination of public meetings/hearings should use this analysis to guide their outreach efforts under Title VI and in support of developing a context sensitive solution. Based on the availability of information and where appropriate, we have included specific outreach recommendations to facilitate public comment from underrepresented groups.

Please note 2000 Census data was used for this analysis, as the 2010 data has not been loaded into the database.

If you have questions regarding this analysis, please contact me @ 271-2467.

Encls: EJ Population Analysis

Cc: Peter Crouch, Traffic Systems Engineer, Bureau of Traffic
Charlie Hood, Administrator, Bureau of Environment
Bill Oldenburg, Administrator of Highway Design

EJ Population Analysis for Project: Farmington 16212

STUDY AREA	AVG% Elderly Population (P8)	AVG % Minority Population (P6)	AVG % Low-income Population (P87)	AVG% Disabled Sensory (P41)	AVG% Physical (P19)	AVG% LEP (P19)
Impacted Area – Strafford County US Census Tract #870, Block Groups 3 & 5.	7.84%	0.85%	5.26%	4.94%	6.77%	0%
Surrounding Area Strafford County, Census Tract #846, Block Group 1. Census Tract #860, Block Group 1. Census Tract #870, Block Groups 1 & 2. Census Tract #846, Block Group 1. Census Tract #842, Block Group 1. Census Tract #880, Block Group 3. Census Tract #885, Block Group 3.	11.06%	1.66%	6.55%	3.63%	7.97%	0.32%
REMARKS: * The population percentage identified is meaningfully greater than the surrounding area and constitutes an EJ population. Characteristics of this particular study area indicate that targeted outreach efforts to solicit public participation should be taken. LEP Definition: Where there is a population of people who speak English as a second language less than well (“not well” or “not at all” as indicated by the U.S. Census data). When a particular LEP language group constitutes 5% of the impacted population, the Department is required to translate public information meeting notices and take appropriate measures to ensure language access. If this requirement exists, the Project Manager should contact the Title VI Coordinator for further assistance.						

Impacted Area: The impacted area was defined by the project limits and the area in the immediate vicinity that most closely corresponds to the boundaries of Census Tracts and Block Groups

Surrounding Area: All Census Tracts and Block Groups outside of, and immediately adjacent to, the impacted area

Special Considerations: Special consideration should be given to any project features that affect pedestrian accessibility. This project constitutes an alteration in accordance with Title II of the Americans with Disabilities Act. As such, minimum ADAAG accessibility requirements apply, unless deemed technically infeasible. For more information, I have provided a link to the Draft Public Rights-of-Way Guidelines (PROWAG). Although these guidelines will not be enforceable until they have been adopted by the US DOJ and US DOT, the FHWA considers them to be the most current recommended best practices in pedestrian facility design: <http://www.access-board.gov/rowdraft.htm#Text>.

Outreach Recommendations: In consideration of the populations above, we are providing contact information for all known agencies and subsidized housing units serving the above groups within the project area. These contacts should be included in your notification list for public information meetings and hearings related to this project:

<u>Resident/Agency Address</u>	<u>Org/Housing Type</u>	<u>Contact Name/Number</u>
Hattie's Place 256 Main St. Farmington, NH 03835	Seniors	603-755-3937
Strafford County CAP Farmington Outreach 527 Main Street Farmington, NH 03835	Seniors & Low-Income	Deb Casey 603-755-9305
Farmington Parks & Rec. Seniors Group 39 North Main Street Farmington, NH 03835	Seniors	Rick Conway 603-755-2405

Exhibit 15- Reply from Strafford Regional Planning Commission

Proposed NHDOT Project-Farmington 16212

This document has been prepared for the New Hampshire Department of Transportation Bureau of Environment in response to their request for information regarding proposed NHDOT project #16212. These responses represent the efforts of the Strafford Regional Planning Commission (SRPC) only and do not include input from the Town of Farmington or any other community or agency. Strafford Regional Planning Commission, October 7, 2011

Farmington – 16212

1. This project will consist of construction of a two-way left turn lane on NH Route 11 for approximately 1700ft east of NH Route 153

Question #1

“Are there any existing or proposed community or regional plans that might have a bearing on this project?”

Yes, the SRPC “2011-2035 Metropolitan Transportation Plan,” the “Route 11 Corridor Study,” and the Access Management Agreement for Route 11 between Rochester and NH DOT District 6.

Question #2

“Are there any natural or cultural resources of significance in the vicinity of the project? (e.g. prime wetlands, floodplains, stonewalls, cemeteries, historical or archeological resources, etc.)”

There are multiple areas of the 100yr floodplain near or crossing the project vicinity. SRPC is not aware of any prime wetlands, stonewalls, cemeteries, or historical or archaeological resources in the project vicinity. See Figure 6.

Question #3

“Are there any public parks, recreation areas or wildlife/waterfowl refuges in the vicinity of the project? Have Land & Water Conservation funds been used in the project area?”

SRPC is not aware of any public parks, recreation areas or wildlife/waterfowl refuges in the vicinity of the project area. We are also not aware of any Land & Water Conservation funds that have been used in the project area.

Question #4

“Are there any locally or regionally significant water resources or related protection areas in the project vicinity? (e.g. public water supplies, wellhead protection areas, aquifer protection districts, etc.)”

There are two public water supplies (shown in DES’ PWS database) that are near the project vicinity. These are Lem’s Seafood Restaurant and Marie’s Restaurant. The entire project vicinity is also within a wellhead protection area and lies on top of a stratified drift aquifer. See Figure 2.

Question #5

“Are there any water quality concerns that should be addressed during the development of this project? (e.g. stormwater management, NPDES Phase II, impaired waters, etc.)”

Stormwater management should be addressed to protect the nearby Cocheco River and the underlying stratified drift aquifer. See figure 2.

Question #6

“Are you aware of any existing or potential hazardous materials or contaminants in the vicinity of the project? Are there asbestos landfills or asbestos containing utility pipes located within the project limits?”

There are three hazardous waste generating businesses (shown in DES' RSITE database) near the project vicinity. These include Aranco Oil Co., Pike Industries Inc., and Gozzies Garage. There are no asbestos landfills or asbestos containing utility pipes in the project vicinity that SRPC is aware of. See Figure 3.

Question #7

“Do you have any environmental concerns not previously noted (e.g. noise impacts, farmland conversion, etc.) that you feel the Department should be aware of for this project?”

There are none that SRPC is aware of.

Question #8:

“Will the proposed project have a significant effect upon the surrounding area? If so, please explain.”

This project should have a positive impact on the surrounding area by allowing vehicles to turn left safely while also allowing through vehicles to continue traveling at posted speed limits. If used properly, this turning lane should help to reduce accidents and near misses related to left-hand turning movements on this stretch of NH Route 11.

Question #9

“Are you aware of any existing roadside populations of non-native invasive plant species (such as Japanese knotweed, phragmites, or purple loosestrife) in the project area?”

There are none that SRPC is aware of.

Exhibit 16- Effects Memo from NH DHR (included after Public Hearing.