

Ticonderoga Chilson Water Transmission Main
Facility Hazard Mitigation Relocation Project

Appendix C
SEQRA Documents

Town of Ticonderoga- List of Involved Entities

New York State Dept. Of Environmental Conservation
Division of Environmental Permits
P.O. Box 296
Ray Brook, NY 12977

NYS Dept of Env. Conservation
Div of Fish, Wildlife & Marine Resources
625 Broadway
Albany, NY 12233

Kevin C. Scheuer, P.E.
NYSDOH - Saranac Lake District Office
41 St. Bernard Street
Saranac Lake, NY 12983

Adirondack Park Agency
P.O. Box 99
Ray Brook, NY 12977

**NYS Office of Parks, Recreation and Historic Preservation
Ruth Pierpont
Historic Preservation Field Services Bureau
Peebles Island, Box 189
Waterford, NY 12188-0189

Essex County Soil & Water Conservation District
P.O.Box 407, 3 Sisco Street
Westport, NY 12993

NYS Department of Transportation
Region 1 - Permitting
50 Wolf Road
Albany, NY 12232

NYS Dept of Agriculture and Markets
Div. Of Ag Protection and Development Services
10B Airline Drive
Albany, NY 12235

**Donna Bolognino
Environmental Advisor
Department of Homeland Security FEMA
Leo O'Brien Federal Building
11 A Clinton Avenue Suite 742
Albany, NY 12207

**U.S. Dept of Interior
Fish and Wildlife Service
3817 Luker Rd.
Cortland, NY 13045

** Please note: FEMA is a funding agency and will be conducting additional consultation in regards to this project in relation to the environmental assessment and applicable federal laws. FEMA will conduct the Section 106 consultation with SHPO in regards to NHPA. FEMA will also consult with USFWS regarding the ESA.

Town of Ticonderoga

132 Montcalm Street
P.O. Box 471
Ticonderoga, NY 12883
TDD 711



Debra A. Malaney
Supervisor
(518) 585-6265
Fax (518) 585-3279

Tonya M. Thompson
Town Clerk
(518) 585-6677
Fax (518) 585-7211

Town Council
Steve Whitford
David Iuliano

Town Council
Jeffrey D. Cook
Wayne Taylor

New York State Environmental Quality Review Act Notification of Request for Lead Agency Status September 3, 2013

The proposed project includes the relocation of the Chilson Water Transmission Main that was washed out by Tropical Storm Irene on August 28th 2011. The water main will include rerouting the existing iron water main away from the stream channel of Chilson Brook. The western terminus of the new 12" ductile iron pipe will be the Chilson Reservoir site at 253 Old Chilson Road. It will run to the north, with 326 feet of directional drilling under Chilson Brook to the south side of Chilson Middle Road. From that point it will continue eastward with traditional trenching, following the south side of NYS Route 74 until reaching the eastern terminus at the existing main where it crosses the highway (5,342 feet) near Racetrack Road.

The affected area for relocation of the water line consists of 5,668 feet of new trench and pipe (326 feet of directional drilling and 5,342 feet from the reservoir north to Chilson Middle Road then east along the south side of NYS Route 74). Archeological work is underway.

The Town of Ticonderoga has determined that the proposed action is an Type I Action pursuant to the NYS Environmental Quality Review Act (SEQR) and that a coordinated project review is warranted and applicable with respect to SEQR. The Town of Ticonderoga is initiating the SEQR process through this request to act as lead agency.

Please be advised that pursuant to 617.6(b)(3)i of SEQR, your agency has 30 days from the above date to either accept or reject the Town of Ticonderoga's request to act as Lead Agency for this project. We have enclosed a copy of a completed Part I, Full Environmental Assessment Form, project area map and a list of potential involved agencies for your review. If you have any questions about our proposed project, or the SEQR process, please feel free to contact our project coordinator.

Anna Reynolds, Associate Planner
Essex County Community Resources/Planning
P.O. Box 217
Elizabethtown, NY 12932
areynolds@co.essex.ny.us
Phone: 518-873-3895
Fax: 518-873-3751

Sincerely,

Debra A. Malaney, Town Supervisor

617.20
Appendix A
State Environmental Quality Review
FULL ENVIRONMENTAL ASSESSMENT FORM

Purpose: The full EAF is designed to help applicants and agencies determine, in an orderly manner, whether a project or action may be significant. The question of whether an action may be significant is not always easy to answer. Frequently, there are aspects of a project that are subjective or unmeasurable. It is also understood that those who determine significance may have little or no formal knowledge of the environment or may not be technically expert in environmental analysis. In addition, many who have knowledge in one particular area may not be aware of the broader concerns affecting the question of significance.

The full EAF is intended to provide a method whereby applicants and agencies can be assured that the determination process has been orderly, comprehensive in nature, yet flexible enough to allow introduction of information to fit a project or action.

Full EAF Components: The full EAF is comprised of three parts:

- Part 1:** Provides objective data and information about a given project and its site. By identifying basic project data, it assists a reviewer in the analysis that takes place in Parts 2 and 3.
- Part 2:** Focuses on identifying the range of possible impacts that may occur from a project or action. It provides guidance as to whether an impact is likely to be considered small to moderate or whether it is a potentially-large impact. The form also identifies whether an impact can be mitigated or reduced.
- Part 3:** If any impact in Part 2 is identified as potentially-large, then Part 3 is used to evaluate whether or not the impact is actually important.

THIS AREA FOR LEAD AGENCY USE ONLY

DETERMINATION OF SIGNIFICANCE -- Type 1 and Unlisted Actions

Identify the Portions of EAF completed for this project:

Part 1

Part 2

Part 3

Upon review of the information recorded on this EAF (Parts 1 and 2 and 3 if appropriate), and any other supporting information, and considering both the magnitude and importance of each impact, it is reasonably determined by the lead agency that:

- A. The project will not result in any large and important impact(s) and, therefore, is one which **will not** have a significant impact on the environment, therefore **a negative declaration will be prepared.**
- B. Although the project could have a significant effect on the environment, there will not be a significant effect for this Unlisted Action because the mitigation measures described in PART 3 have been required, therefore **a CONDITIONED negative declaration will be prepared.***
- C. The project may result in one or more large and important impacts that may have a significant impact on the environment, therefore **a positive declaration will be prepared.**

*A Conditioned Negative Declaration is only valid for Unlisted Actions

Chilson Water Transmission Main Replacement and Relocation Project

Name of Action

Town of Ticonderoga

Name of Lead Agency

Debra A. Malaney

Supervisor

Print or Type Name of Responsible Officer in Lead Agency

Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

Signature of Preparer (if different from responsible officer)

9/3/2013

Date

PART 1--PROJECT INFORMATION
Prepared by Project Sponsor

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

Name of Action Chilson Water Transmission Main Replacement and Relocation Project

Location of Action (include Street Address, Municipality and County)

Old Chilson Road, Middle Chilson Road and NYS Route 74, Ticonderoga, Essex County, New York 12883

Name of Applicant/Sponsor Town of Ticonderoga

Address 132 Montcalm Street

City / PO Ticonderoga State New York Zip Code 12883

Business Telephone 518-585-6265

Name of Owner (if different) _____

Address _____

City / PO _____ State _____ Zip Code _____

Business Telephone _____

Description of Action:

Flash Flooding of Chilson Brook washed out roadways and broke the cast iron water transmission main that is the sole water supply to the Town of Ticonderoga. The 12" ductile iron water main runs from Gooseneck Pond to an open reservoir on Old Chilson Road and continues from the Reservoir to the community through Chilson Brook. To mitigate future breaks, a replacement 12" Main will be directionally drilled under Chilson Brook from the Chilson Reservoir site. This main would be then installed out to Middle Chilson road and east along NYS Route 74 before tying into the existing water main at the location where the existing main crosses NYS ROUTE 74.

Please Complete Each Question--Indicate N.A. if not applicable

A. SITE DESCRIPTION

Physical setting of overall project, both developed and undeveloped areas.

1. Present Land Use: Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Other NYS DOT Right of Way

2. Total acreage of project area: .9 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	_____ acres	_____ acres
Forested	<u>.2</u> acres	<u>.2</u> acres
Agricultural (Includes orchards, cropland, pasture, etc.)	_____ acres	_____ acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	_____ acres	_____ acres
Water Surface Area	_____ acres	_____ acres
Unvegetated (Rock, earth or fill)	_____ acres	_____ acres
Roads, buildings and other paved surfaces	<u>.7</u> acres	<u>.7</u> acres
Other (Indicate type) _____	_____ acres	_____ acres

3. What is predominant soil type(s) on project site? Kinsbury, Vergennes, Windsor

- a. Soil drainage: Well drained 20 % of site Moderately well drained 70 % of site.
 Poorly drained 10 % of site

b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? _____ acres (see 1 NYCRR 370).

4. Are there bedrock outcroppings on project site? Yes No

a. What is depth to bedrock 6 (in feet)

5. Approximate percentage of proposed project site with slopes:

- 0-10% 80 % 10- 15% 15 % 15% or greater 5 %

6. Is project substantially contiguous to, or contain a building, site, or district, listed on the State or National Registers of Historic Places? Yes No

7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks? Yes No

8. What is the depth of the water table? 0-60 (in feet)

9. Is site located over a primary, principal, or sole source aquifer? Yes No

10. Do hunting, fishing or shell fishing opportunities presently exist in the project area? Yes No

11. Does project site contain any species of plant or animal life that is identified as threatened or endangered? Yes No

According to:

US Fish & Wildlife Service

Identify each species:

Indiana Bat

12. Are there any unique or unusual land forms on the project site? (i.e., cliffs, dunes, other geological formations?)

Yes No

Describe:

13. Is the project site presently used by the community or neighborhood as an open space or recreation area?

Yes No

If yes, explain:

14. Does the present site include scenic views known to be important to the community? Yes No

Yes, the scenic vista is in the roadside ROW but project will be constructed underground and will not have an impact on view shed.

15. Streams within or contiguous to project area:

Chilson Brook

a. Name of Stream and name of River to which it is tributary

LaChute River

16. Lakes, ponds, wetland areas within or contiguous to project area:

See Attached Map.

b. Size (in acres):

17. Is the site served by existing public utilities? Yes No
- a. If YES, does sufficient capacity exist to allow connection? Yes No
- b. If YES, will improvements be necessary to allow connection? Yes No
18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? Yes No
19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617? Yes No
20. Has the site ever been used for the disposal of solid or hazardous wastes? Yes No

B. Project Description

1. Physical dimensions and scale of project (fill in dimensions as appropriate).
- a. Total contiguous acreage owned or controlled by project sponsor: .3 acres.
- b. Project acreage to be developed: .9 acres initially; .9 acres ultimately.
- c. Project acreage to remain undeveloped: 0 acres.
- d. Length of project, in miles: 1 (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. 0 %
- f. Number of off-street parking spaces existing 0; proposed 0
- g. Maximum vehicular trips generated per hour: 0 (upon completion of project)?
- h. If residential: Number and type of housing units:
- | | One Family | Two Family | Multiple Family | Condominium |
|------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Initially | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
| Ultimately | <u> </u> | <u> </u> | <u> </u> | <u> </u> |
- i. Dimensions (in feet) of largest proposed structure: height; width; length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is? 5,342 ft.
2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? 5200 yd tons/cubic yards.
3. Will disturbed areas be reclaimed Yes No N/A
- a. If yes, for what intended purpose is the site being reclaimed?
- The trenches dug for water main will be reclaimed for road shoulder
- b. Will topsoil be stockpiled for reclamation? Yes No
- c. Will upper subsoil be stockpiled for reclamation? Yes No
4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? .1 acres.

5. Will any mature forest (over 100 years old) or other locally-important vegetation be removed by this project?

Yes No

6. If single phase project: Anticipated period of construction: 4 months, (including demolition)

7. If multi-phased:

a. Total number of phases anticipated 1 (number)

b. Anticipated date of commencement phase 1: Apr month 2014 year, (including demolition)

c. Approximate completion date of final phase: Jul month 2014 year.

d. Is phase 1 functionally dependent on subsequent phases? Yes No

8. Will blasting occur during construction? Yes No

9. Number of jobs generated: during construction 16; after project is complete 0

10. Number of jobs eliminated by this project 0.

11. Will project require relocation of any projects or facilities? Yes No

If yes, explain:

The Water Main will be relocated out of Chilson Brook to the NYS Route 74 Right of Way

12. Is surface liquid waste disposal involved? Yes No

a. If yes, indicate type of waste (sewage, industrial, etc) and amount N/A

b. Name of water body into which effluent will be discharged N/A

13. Is subsurface liquid waste disposal involved? Yes No Type _____

14. Will surface area of an existing water body increase or decrease by proposal? Yes No

If yes, explain:

15. Is project or any portion of project located in a 100 year flood plain? Yes No

16. Will the project generate solid waste? Yes No

a. If yes, what is the amount per month? 250 tons

b. If yes, will an existing solid waste facility be used? Yes No

c. If yes, give name To be determined; location _____

d. Will any wastes not go into a sewage disposal system or into a sanitary landfill? Yes No

e. If yes, explain:

17. Will the project involve the disposal of solid waste? Yes No

a. If yes, what is the anticipated rate of disposal? _____ tons/month.

b. If yes, what is the anticipated site life? _____ years.

18. Will project use herbicides or pesticides? Yes No

19. Will project routinely produce odors (more than one hour per day)? Yes No

20. Will project produce operating noise exceeding the local ambient noise levels? Yes No

21. Will project result in an increase in energy use? Yes No

If yes, indicate type(s)

Replacement Project

22. If water supply is from wells, indicate pumping capacity _____ gallons/minute.

23. Total anticipated water usage per day _____ 0 gallons/day.

24. Does project involve Local, State or Federal funding? Yes No

If yes, explain:

The project is funded by FEMA & SEMO

25. Approvals Required:

			Type	Submittal Date
City, Town, Village Board	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Town Board	Pending
City, Town, Village Planning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
City, Town Zoning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
City, County Health Department	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Other Local Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
Other Regional Agencies	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		
State Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	APA, DEC, SHPO, DOH DOT, AG & Markets SEMO	Pending
Federal Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	FEMA, USFWS	FEMA IS ACQUIRING

C. Zoning and Planning Information

1. Does proposed action involve a planning or zoning decision? Yes No

If Yes, indicate decision required:

- | | | | |
|---|---|--|--------------------------------------|
| <input type="checkbox"/> Zoning amendment | <input type="checkbox"/> Zoning variance | <input type="checkbox"/> New/revision of master plan | <input type="checkbox"/> Subdivision |
| <input type="checkbox"/> Site plan | <input type="checkbox"/> Special use permit | <input type="checkbox"/> Resource management plan | <input type="checkbox"/> Other |

2. What is the zoning classification(s) of the site?

Adirondack Park Agency Act Classification as Moderate Intensity and Rural Use Zones.

3. What is the maximum potential development of the site if developed as permitted by the present zoning?

Homes, Roads, Utilities, Cemeteries, Gravel Extraction, Camps, Wastewater Treatment Plants, etc.

4. What is the proposed zoning of the site?

N/A

5. What is the maximum potential development of the site if developed as permitted by the proposed zoning?

6. Is the proposed action consistent with the recommended uses in adopted local land use plans? Yes No

Adirondack Park Land Use and Development Plan.

7. What are the predominant land use(s) and zoning classifications within a ¼ mile radius of proposed action?

Moderate Intensity Use Zone.

8. Is the proposed action compatible with adjoining/surrounding land uses with a ¼ mile? Yes No

9. If the proposed action is the subdivision of land, how many lots are proposed? N/A

a. What is the minimum lot size proposed? _____

10. Will proposed action require any authorization(s) for the formation of sewer or water districts? Yes No

11. Will the proposed action create a demand for any community provided services (recreation, education, police, fire protection)?

Yes No

a. If yes, is existing capacity sufficient to handle projected demand? Yes No

This will improve capacity for the Town.

12. Will the proposed action result in the generation of traffic significantly above present levels? Yes No

a. If yes, is the existing road network adequate to handle the additional traffic. Yes No

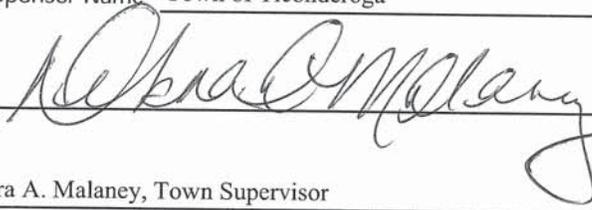
D. Informational Details

Attach any additional information as may be needed to clarify your project. If there are or may be any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

E. Verification

I certify that the information provided above is true to the best of my knowledge.

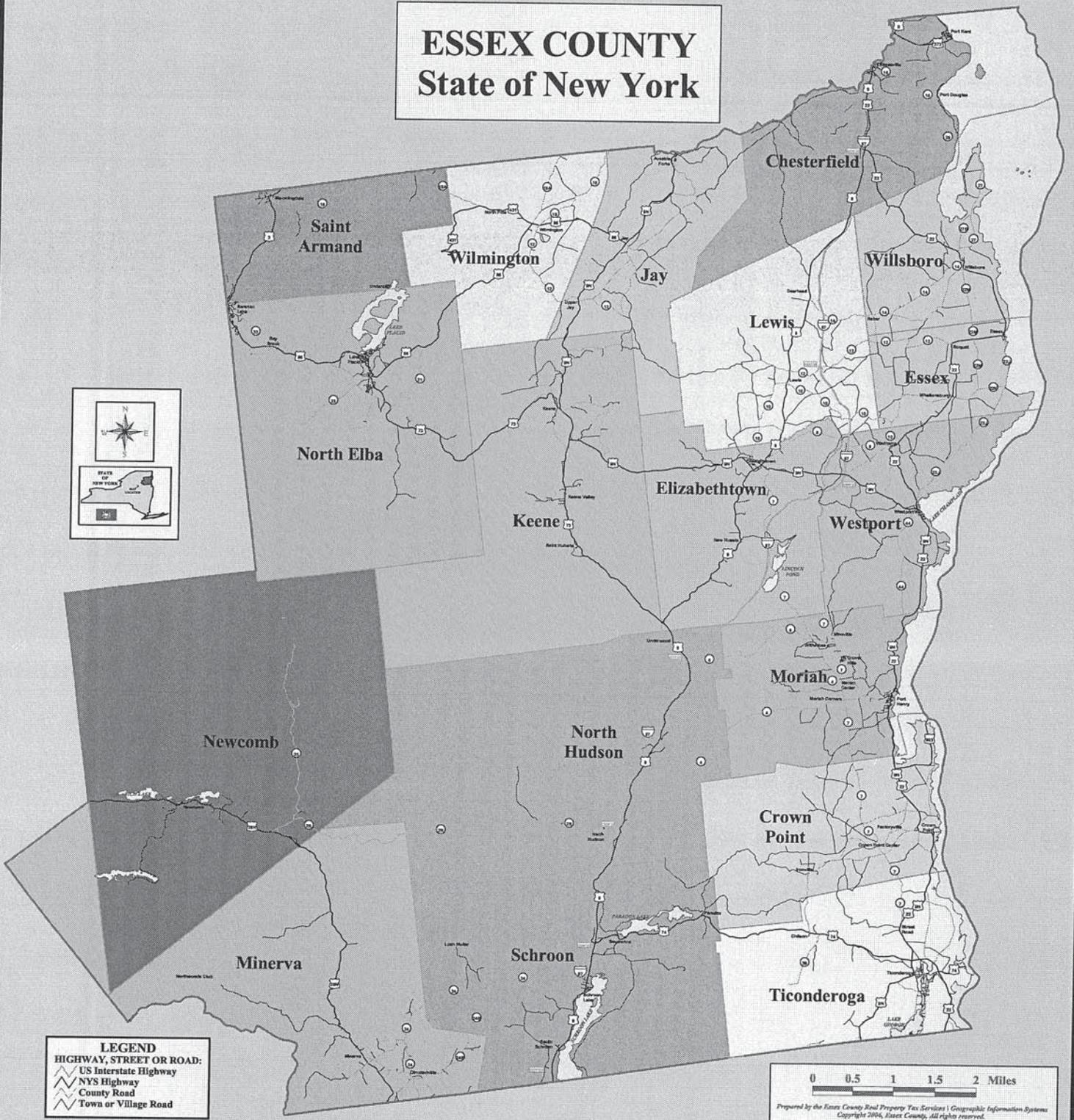
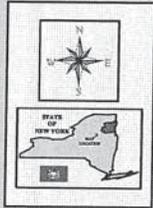
Applicant/Sponsor Name Town of Ticonderoga Date 9-2-2013

Signature 

Title Debra A. Malaney, Town Supervisor

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment.

ESSEX COUNTY State of New York



LEGEND
HIGHWAY, STREET OR ROAD:
 US Interstate Highway
 NYS Highway
 County Road
 Town or Village Road

0 0.5 1 1.5 2 Miles
 Prepared by the Essex County Real Property Tax Services / Geographic Information Systems
 Copyright 2006, Essex County. All rights reserved.

**ESSEX COUNTY AGRICULTURAL DISTRICT
TOWNS OF CROWN POINT & TICONDEROGA**
Essex County
State of New York



CROWN POINT

TICONDEROGA

LEGEND

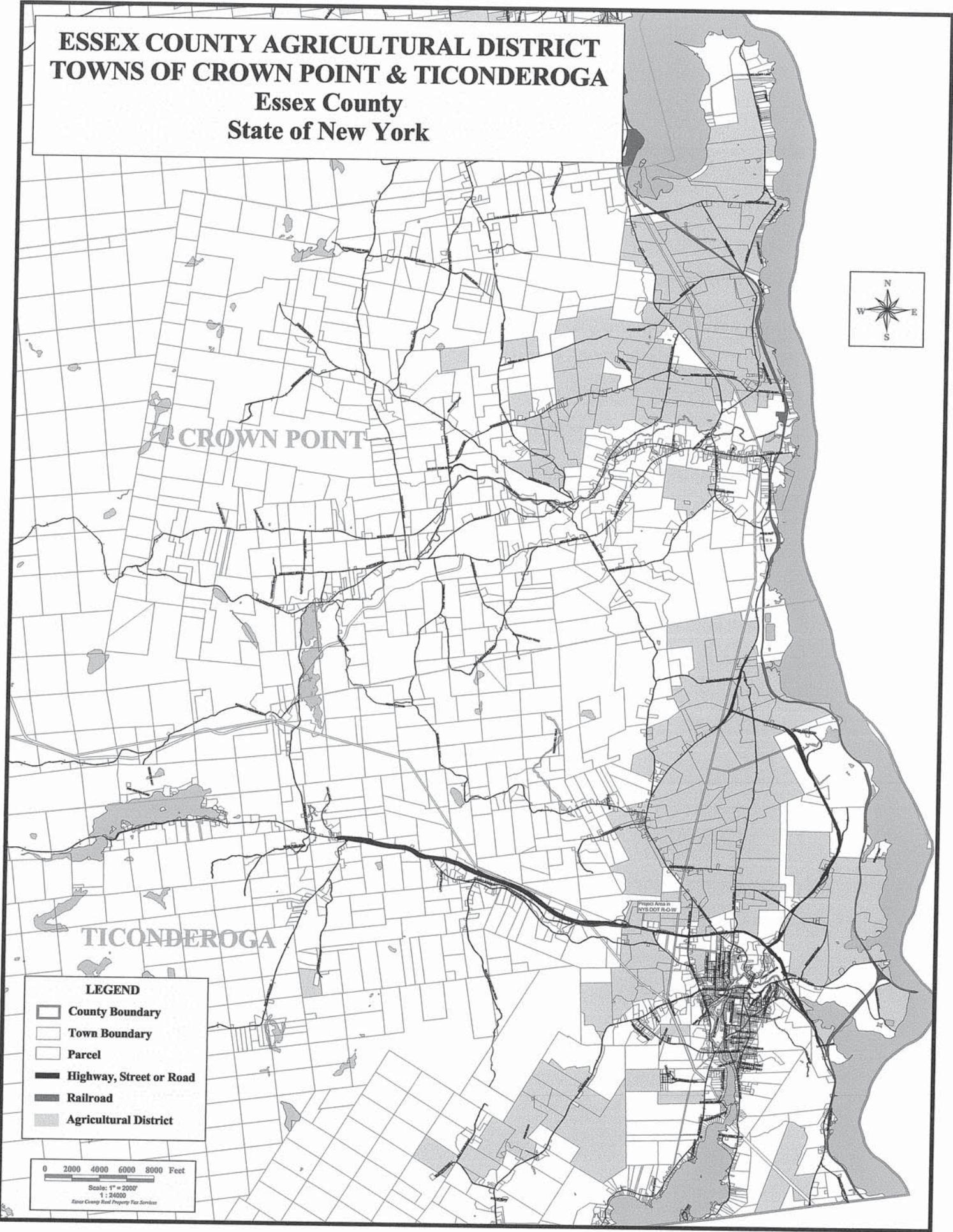
-  County Boundary
-  Town Boundary
-  Parcel
-  Highway, Street or Road
-  Railroad
-  Agricultural District

0 2000 4000 6000 8000 Feet

Scale: 1" = 2000'

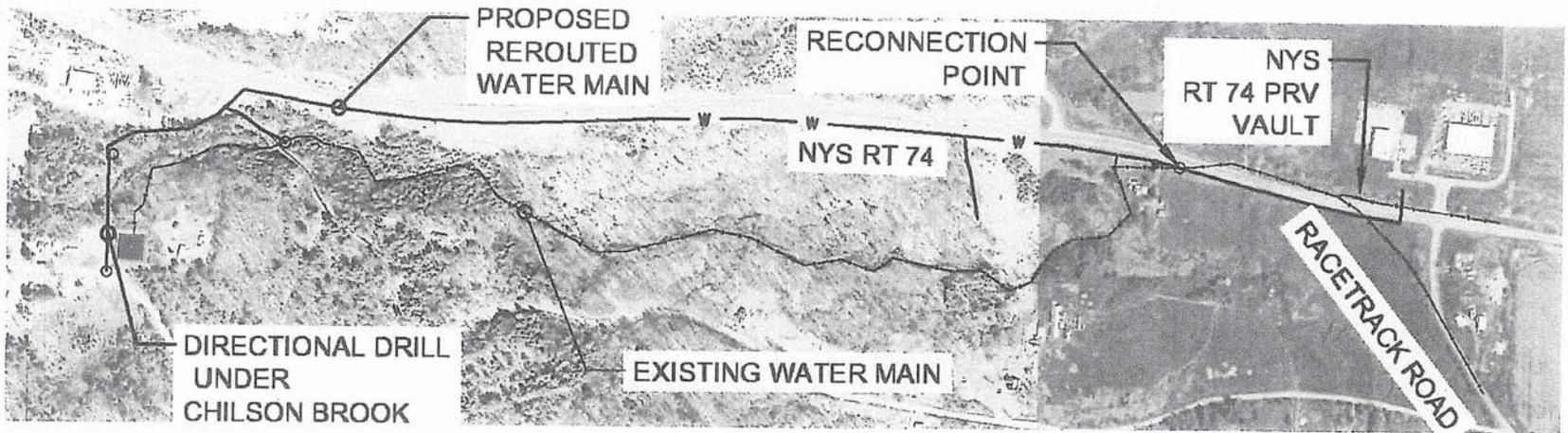
1 : 24000

Essex County Road Property Tax Services



Project Damage Inspection: Chilson Water Transmission Main Failure

Figure 1.2 Chilson Transmission Main: Proposed Relocation (Mitigation) Map



Adirondack Park Agency Designated Wetlands Town of Ticonderoga - Chilson Water Main Mitigation Project (FEMA - 4020)

