

## **APPENDIX A**

### **Figures and Maps**

Figure 1 Location Map

Figure 2 Alternative 2 Proposed Site Plan

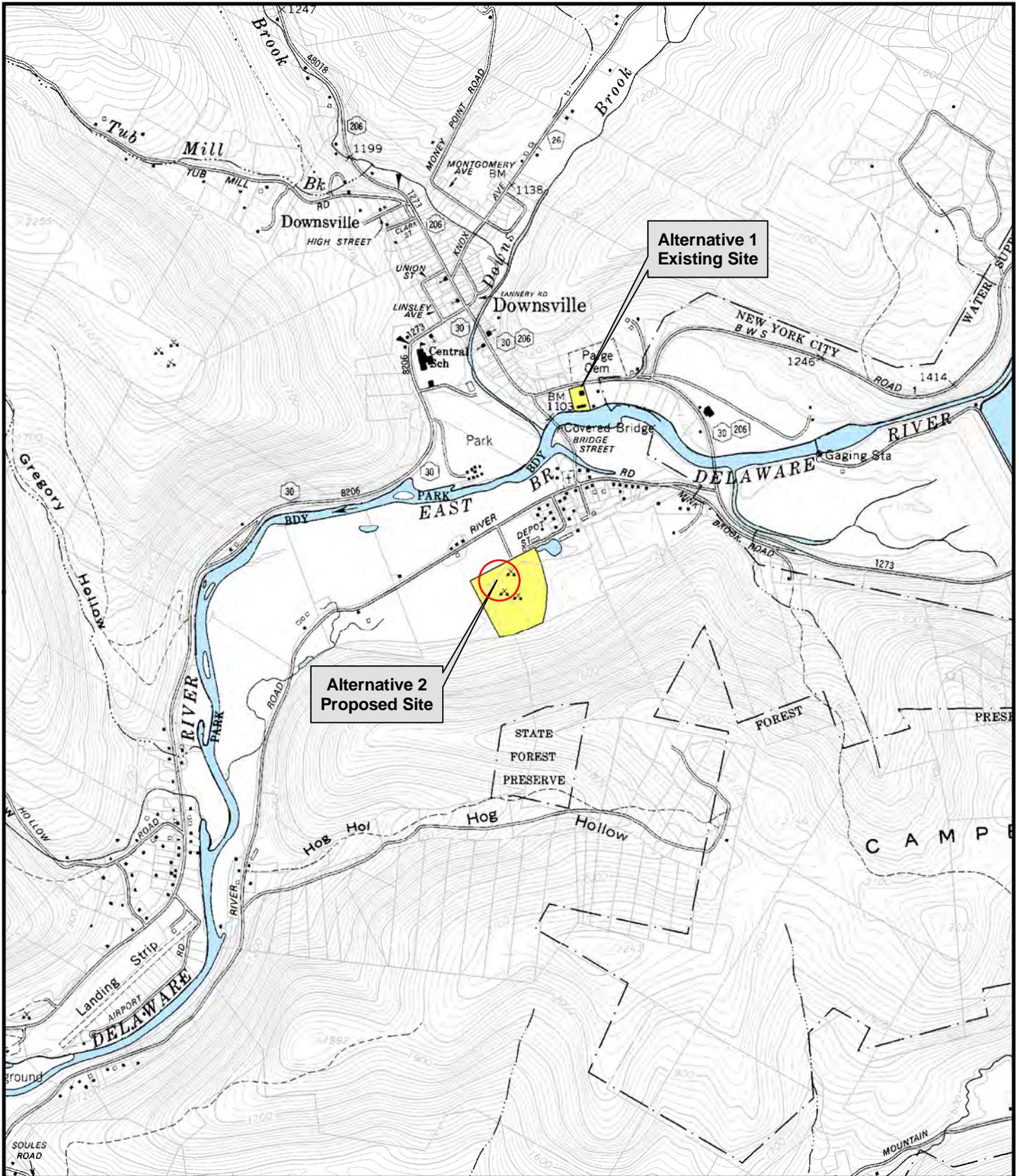
Figure 3 Alternative 2 Proposed Building Layout

Figure 4A Soil Survey Map and Farmland Classification of  
Soils for Proposed Site

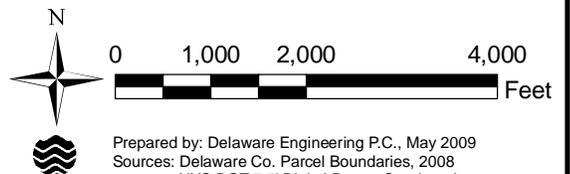
Figure 4 Land Use Map

Figure 5 Flood Insurance Rate Map

Figure 6 Wetlands Map



**FIGURE 1**  
**SITE LOCATION MAP**  
**NEW HIGHWAY GARAGE PROJECT**  
 TOWN OF COLCHESTER, NEW YORK



Prepared by: Delaware Engineering P.C., May 2009  
 Sources: Delaware Co. Parcel Boundaries, 2008  
 NYS DOT 7.5' Digital Raster Quadrangles:  
 Corbett (X38) and Downsville (X39) 1985

**LEGEND**

- - 5/8" Rebar capped, "Yerdon 050527" set
- - Monument Found
- ⊙ - Change in Direction
- - Utility Pole (overhead utility)
- - Boundary Line
- - Lot or Parcel Line (approx. - reputed)
- - Continuous Ownership
- - Iron Pipe, Iron Rod
- rim - Record / Measured
- N/F - Now or Formerly (reputed)
- T.M. 243.17-1-26 - Tax Map - Section, Block, and Lot Number
- - Wire Fence
- - Stone Wall
- ▲ - Swamp



REVISIONS		
NO.	DATE	DESCRIPTION

DRAWING TITLE:  
**FIGURE 2  
PROPOSED SITE PLAN**

CLIENT:  
**TOWN OF COLCHESTER, NY  
NEW HIGHWAY GARAGE BUILDING**

DESIGNED BY:  
MEC

DRAWN BY:  
MEC

REVIEWED BY:  
DRG

CHECKED BY:  
DRG

APPROVED BY:

GRAPHIC SCALE  
0 100 200 300

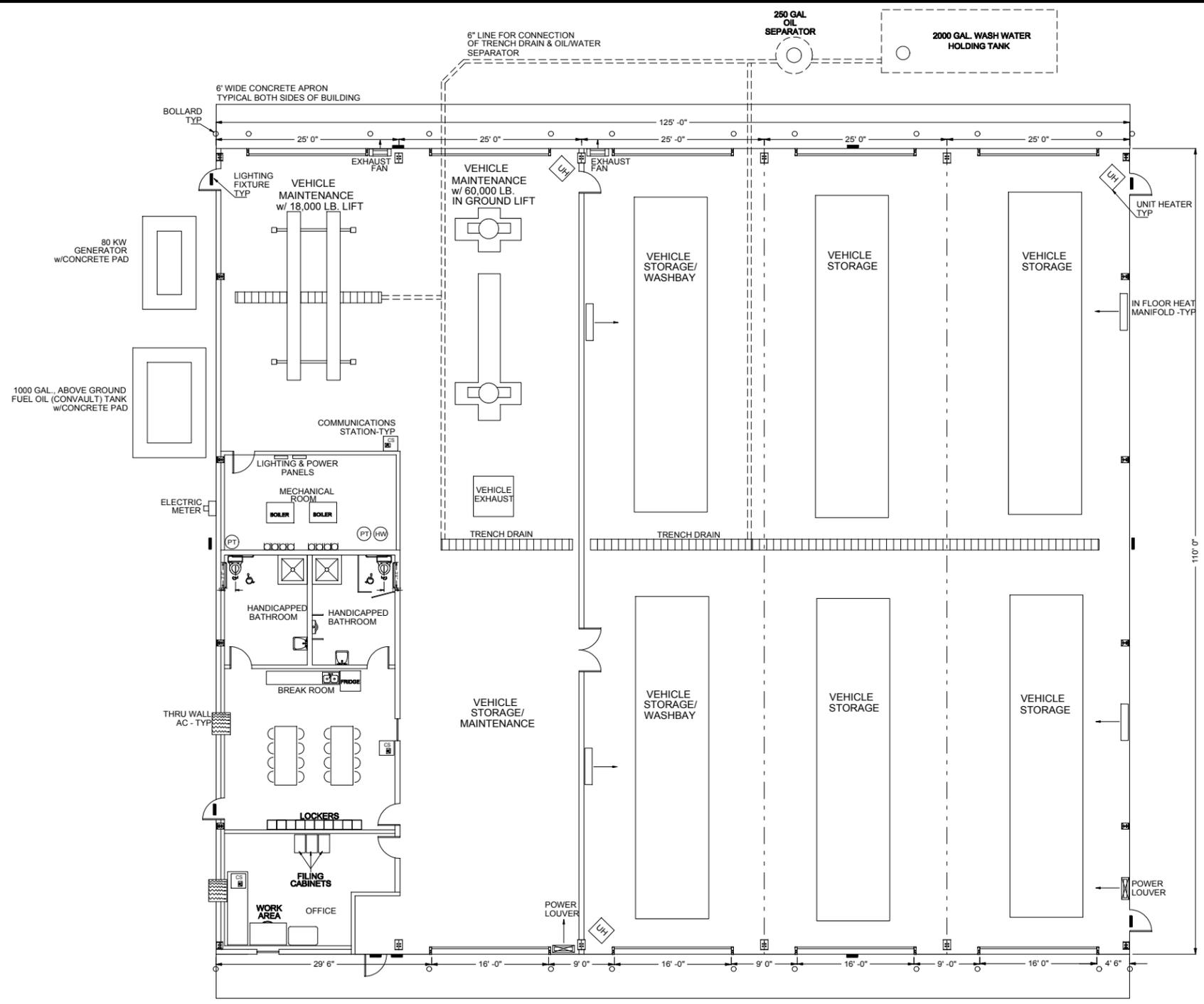
SCALE: 1:100

DATE: MAY 18, 2009

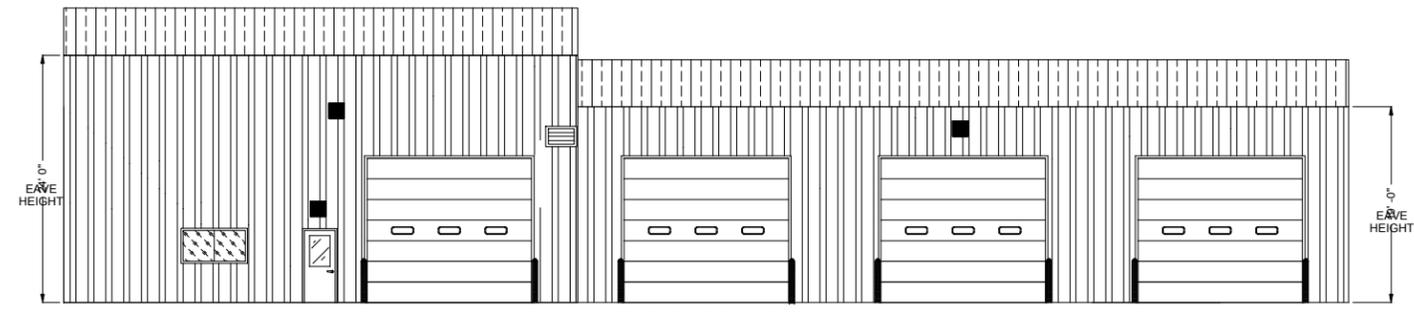
FILENAME: PROPOSED SITE PLAN

SHEET NO.  
**2**

**DELAWARE ENGINEERING, P.C.**  
CIVIL AND ENVIRONMENTAL ENGINEERING  
8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.482.8073  
26 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.482.1290  
6 TOWNSEND STREET, WALTON, NY 13859 - 607.865.8295



PLAN VIEW



NORTH ELEVATION VIEW

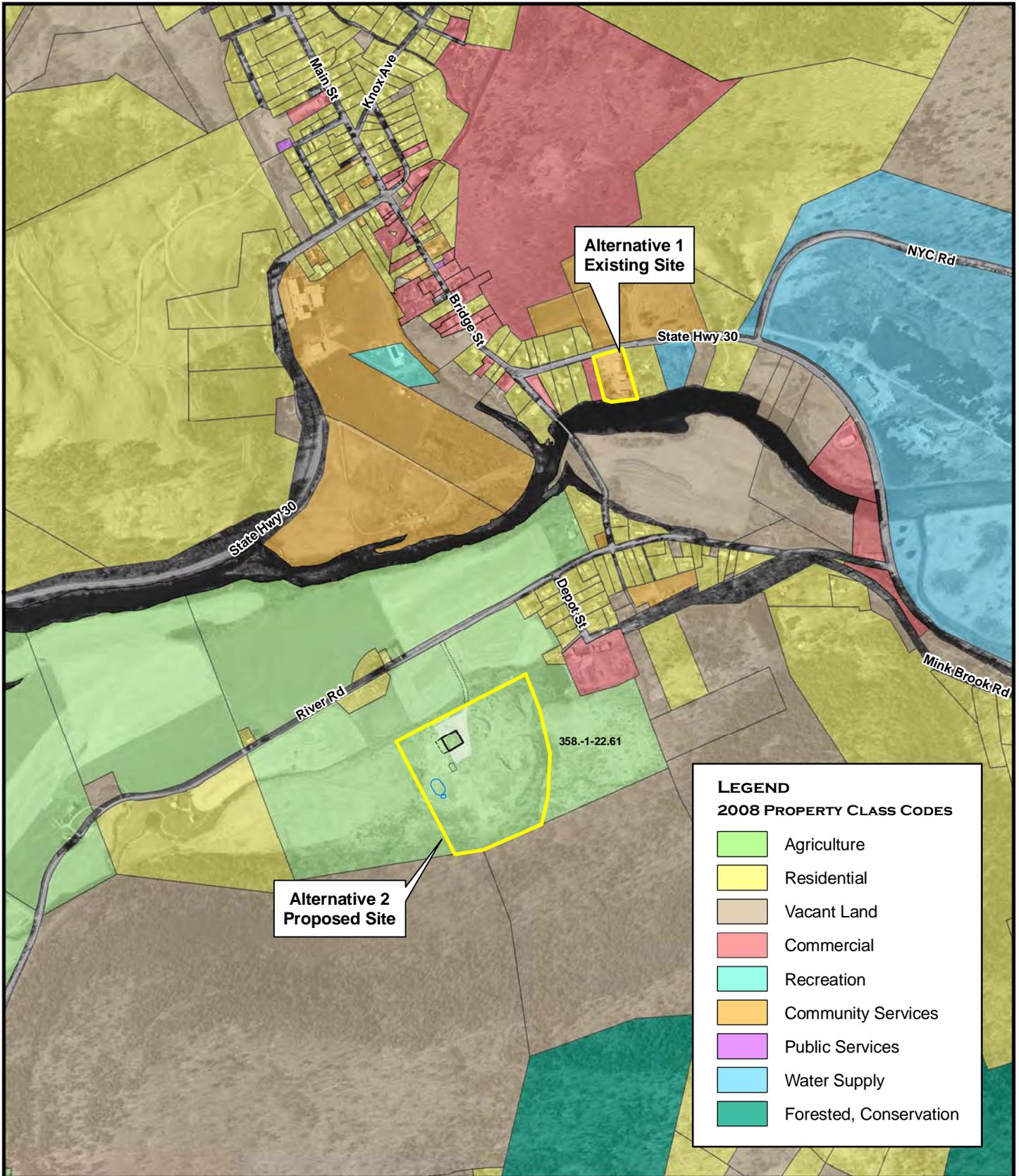
REVISIONS			DRAWING TITLE:	
NO.	DATE	DESCRIPTION	FIGURE 3 PROPOSED BUILDING LAYOUT	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF SECTION 2209 SUBDIVISION 3 OF THE NEW YORK STATE EDUCATION LAW.			CLIENT:	
			TOWN OF COLCHESTER, NY NEW HIGHWAY GARAGE BUILDING	
DESIGNED BY:	APPROVED BY:	GRAPHIC SCALE		
MEG		0 8 16 24		
DRAWN BY:		SCALE:	1:1/8	SHEET NO.
MEG		DATE:	MAY 18, 2009	3
REVIEWED BY:		FILENAME:	PROPOSED BUILDING LAYOUT	
DRG				
CHECKED BY:				
DRG				

**DELAWARE ENGINEERING, P.C.**  
 CIVIL AND ENVIRONMENTAL ENGINEERING  
 8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13820 - 607.492.8073  
 28 MADISON AVENUE EXTENSION, ALBANY, NY 12203 - 518.482.1290  
 8 TOWNSEND STREET, WALTON, NY 13859 - 607.865.9235

Figure 4A Soil Survey Map and Farmland Classification of Soils for Proposed Site



Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
Bc	Barbour loam	All areas are prime farmland	1.0	4.6%
MrB	Morris flaggy silt loam, 3 to 8 percent slopes	Farmland of statewide importance	2.5	12.0%
Pg	Pits, gravel	Not prime farmland	15.1	73.0%
Tkd	Tunkhannock gravelly loam, 15 to 25 percent slopes	Not prime farmland	1.0	5.1%
Un	Unadilla silt loam	All areas are prime farmland	0.2	0.8%



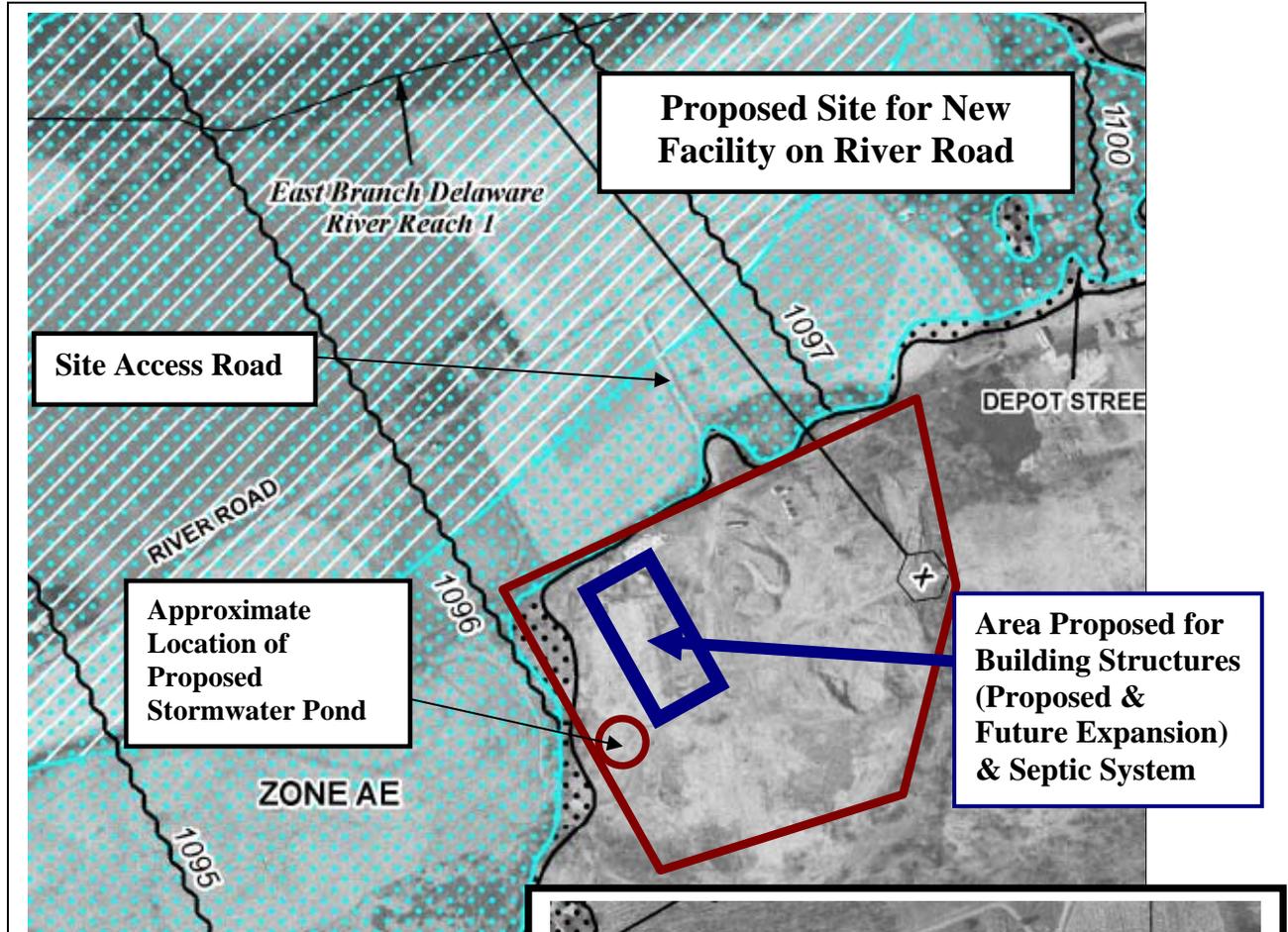
**FIGURE 4**  
**LAND USE MAP**  
**NEW HIGHWAY GARAGE PROJECT**  
 TOWN OF COLCHESTER, NEW YORK



0 1,000 2,000 Feet

Prepared by: Delaware Engineering P.C., May 2009  
 Sources: Delaware Co. Digital Tax Parcels, 2008

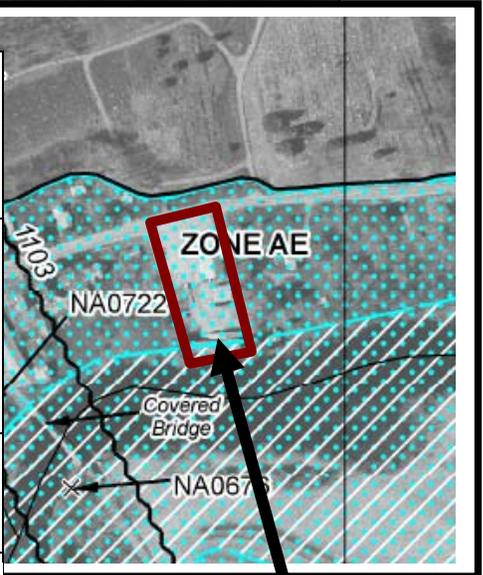
**Figure 5 Flood Insurance Rate Maps for Proposed Facility Location & Existing Highway Garage Facility Location**



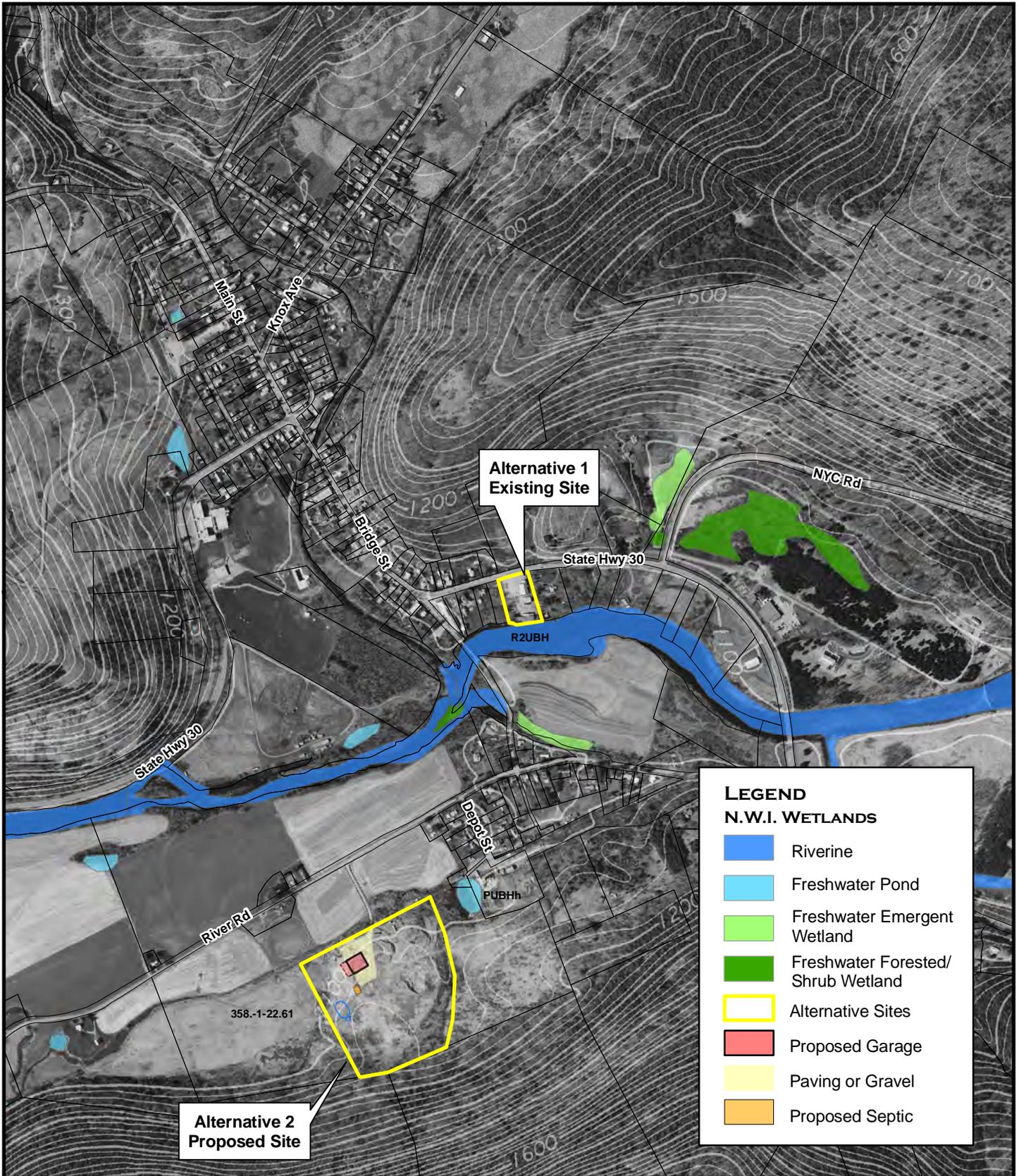
**LEGEND**

**Preliminary Mapping, August 1, 2009**  
**FIRM for Delaware County, Town of Colchester, 360191**  
**Panel 778 of 1052 ;Map # 36025C0778D**

	<b>SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD</b>  The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
	<b>FLOODWAY AREAS IN ZONE AE</b>  The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases
	<b>OTHER FLOOD AREAS</b>
<b>ZONE X</b>	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
	<b>OTHER AREAS</b>
<b>ZONE X</b>	Areas determined to be outside the 0.2% annual chance floodplain.



**Existing Highway Garage Facility on State Highway 30**



**FIGURE 6**  
**WETLANDS MAP**  
**NEW HIGHWAY GARAGE PROJECT**  
 TOWN OF COLCHESTER, NEW YORK



Prepared by: Delaware Engineering P.C., May 2009  
 Sources: National Wetlands Inventory Wetlands,  
 Delaware Co. Digital Tax Parcels, 2008  
 NYS DOT 7.5' Digital Raster Quads: Corbett (X38)  
 and Downsville (X39) w/USGS 20' Topo 1965

**APPENDIX B**

**Agency Correspondence**



United States  
Department of  
Agriculture

Natural Resources  
Conservation  
Service

44 West Street, Suite 1  
Walton, NY 13856  
Ph 607-865-6713  
Fax 607-865-5535

July 30, 2009

To Whom It May Concern:

The location of the proposed Highway Garage for the Town of Colchester located in Delaware County, NY will present no negative impact on prime and/or unique farmland soils as the location is classified as Pg or gravel pit. Please contact me if you have any further questions.

Sincerely,

A handwritten signature in blue ink that reads "Michael J. Clifford". The signature is fluid and cursive, with a red dot at the end of the last stroke.

Michael J. Clifford  
Designated Conservationist

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

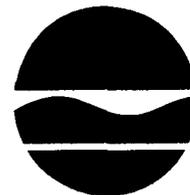
Division of Fish, Wildlife & Marine Resources

New York Natural Heritage Program

625 Broadway, Albany, New York 12233-4757

Phone: (518) 402-8935 • FAX: (518) 402-8925

RECEIVED APR 03 2009



Alexander B. Grannis  
Commissioner

April 1, 2009

Dave Ohman  
Delaware Engineering  
8-12 Dietz Street, Suite 303  
Oneonta, NY 13820

Dear Mr. Ohman:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to an Environmental Assessment for the proposed Construction of a New Highway Garage, including parking and septic facilities, site as indicated on the map you provided, located off of River Road, in the Town of Colchester, Delaware County.

We have no records of known occurrences of rare or state-listed animals or plants, significant natural communities, or other significant habitats, on or in the immediate vicinity of your site.

The absence of data does not necessarily mean that rare or state-listed species, natural communities or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain any information which indicates their presence. For most sites, comprehensive field surveys have not been conducted. For these reasons, we cannot provide a definitive statement on the presence or absence of rare or state-listed species, or of significant natural communities. This information should not be substituted for on-site surveys that may be required for environmental assessment.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities and other significant habitats maintained in the Natural Heritage Data bases. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, at the enclosed address.

Sincerely,

*Tara Salerno* *js*  
Tara Salerno, Information Services  
NY Natural Heritage Program

Enc.

cc: Reg. 4, Wildlife Mgr.



# New York State Department of Environmental Conservation

## Regional Permit Administrators

Region	Counties	Regional Permit Administrator
1	Nassau & Suffolk  FAX: 631-444-0360	Roger Evans NYSDEC 50 Circle Rd SUNY @ Stony Brook Stony Brook, NY 11790-3409 631-444-0365 631-444-0355 (Duty Analyst-M,W&F only)
2	New York City, (Boroughs of Manhattan, Brooklyn, Bronx, Queens & Staten Island)  FAX: 718-482-4975	John Cryan NYSDEC One Hunters Point Plaza 47-40 21st St. Long Island City, NY 11101-5407 718-482-4997
3	Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster & Westchester  FAX: 845-255-3042	Margaret Duke NYSDEC 21 South Putt Corners Rd. New Paltz, NY 12561-1620 845-256-3054
4	Albany, Columbia, Greene, Montgomery, Rensselaer & Schenectady  FAX: 518-357-2460	William Clarke NYSDEC 1130 North Westcott Rd. Schenectady, NY 12306-2014 518-357-2069
4(sub- office)	Delaware, Otsego & Schoharie  FAX: 607-652-2342	Kent Sanders* NYSDEC 65561 State Highway - Route 10 HCR #1, Box 3A Stamford, NY 12167-9503 607-652-7741
5	Clinton, Essex, Franklin & Hamilton  FAX: 518-897-1394	Thomas Hall NYSDEC Route 86, P.O. Box 296 Ray Brook, NY 12977-0296 518-897-1234
5(sub- office)	Fulton, Saratoga, Warren & Washington  FAX: 518-623-3603	Thomas Hall NYSDEC P.O. Box 220 232 Golf Course Rd. Warrensburg, NY 12885-0220 518-623-1281

6	Jefferson, Lewis & St. Lawrence  FAX: 315-785-2242	Larry Ambeau NYSDEC State Office Bldg. 317 Washington St. Watertown, NY 13601-3787 315-785-2245 or 2246
6(sub-office)	Herkimer & Oneida  FAX: 315-793-2748	Patrick Clearey* NYSDEC State Office Building 207 Genesee St. Utica, NY 13501-3787 315-793-2555
7	Cayuga, Madison, Onondaga & Oswego  FAX: 315-426-7425	John Feltman NYSDEC 615 Erie Blvd. West (Env. Permits Room 206) Syracuse, NY 13204-2400 315-426-7438
7(sub-office)	Broome, Chenango, Cortland, Tioga & Tompkins  FAX: 607-753-8532	Michael Barylski* NYSDEC 1285 Fisher Ave. Cortland, NY 13045-1090 607-753-3095
8	Chemung, Genesee, Livingston, Monroe, Ontario, Orleans, Schuyler, Seneca, Steuben, Wayne & Yates  FAX: 585-226-2830	Peter Lent NYSDEC 6274 East Avon Lima Rd. Avon, NY 14414-9519 585-226-2466
9	Erie, Niagara & Wyoming  FAX: 716-851-7168	Steve Doleski NYSDEC 270 Michigan Ave. Buffalo, NY 14203-2999 716-851-7165
9(sub-office)	Allegany, Cattaraugus, & Chautauqua  FAX: 716-372-2113	Charles Cranston* NYSDEC Suite 3, 182 East Union Allegany, NY 14706-1328 716-372-0645

\*Deputy Regional Permit Administrator

# DELAWARE ENGINEERING, P.C.

8-12 Dietz Street, Suite 303, Oneonta, New York 13820 • Phone 607-432-8073/FAX 607-432-0432

March 17, 2009

NYSDEC-DFWMR  
NY Natural Heritage Program-Information Services  
625 Broadway, 5<sup>th</sup> Floor  
Albany, NY 12233-4757

**Re: Town of Colchester, Delaware County, NY  
New Highway Garage Project**

**Sub: Request for Review of  
Rare Species or Significant Natural Communities**

Dear Sir/Madam:

We respectfully request that you review the New York Natural Heritage Program files with respect to known occurrences of endangered, threatened or special concern wildlife species, rare plant, animal or natural community occurrences or other significant habitats, in the vicinity of the project site.

The Town is planning to construct a new highway garage as an alternate project under FEMA's DR NY 1650 disaster assistance program. Before the project can proceed, FEMA is requiring that an environmental assessment be conducted to identify any potential environmental impacts due to the project.

The proposed project involves the construction of a new 110 feet x 125 feet (33.5 x 38.1 m) highway garage building as well as related parking and subsurface/septic facilities. The new building will house Town highway equipment and serve as the highway department's base of operation.

The area of potential effects (APE) includes approximately 4.0 acres of a larger 22.412 acre parcel.

The Town currently uses the site as a gravel pit. Current land use involves gravel mining, storage of roadway materials (e.g., gravel, stone) with several small shed structures.

The site is located off of River Road in the Town of Colchester, Delaware County, NY.

Location maps which have been included for your use include:

- Figure 1 Site Location Map from USGS Downsville quad (approximate latitude and longitude of the project site center is N42 deg 4.263' W 74 deg 59.534')

**BRANCH OFFICES: 6 Townsend Street, Walton, New York 13856 • Phone/FAX 607-865-9235  
28 Madison Avenue Extension, Albany, NY 12203 • Phone 518-452-1290/FAX 518-452-1335**

- Appendix Figure A-1 showing the project area on Downsville USGS 7.5 minute topo map (source: Birchwood Archaeological Services Phase 1A report, February 2009)
- Appendix Figure A-2 showing the location of the proposed construction at the project area. (Source: Birchwood Archaeological Services, Phase 1A report, February 2009).

Our project team is in the process of completing Phase 1B field investigations and preparing the environmental assessment document. Therefore, your timely review of our request will be greatly appreciated.

Please contact me or Bill Brown of our office at 607-432-8073 if you have any questions or require any additional information. Your assistance is greatly appreciated.

Respectfully,

**DELAWARE ENGINEERING, P.C.**



Dave Ohman, P.E.

C:\Projects\Colchester (T)\Highway Garage\EA Package\NYSDEC Natural Heritage\NYSDEC NHP Letter 03-17-09.doc  
Enclosures

Cc: Louis Banker, Town Highway Superintendent (w/enclosures)  
Bill Brown, Delaware Engineering, P.C. (w/enclosures for project file)

**DELAWARE ENGINEERING, P.C.**

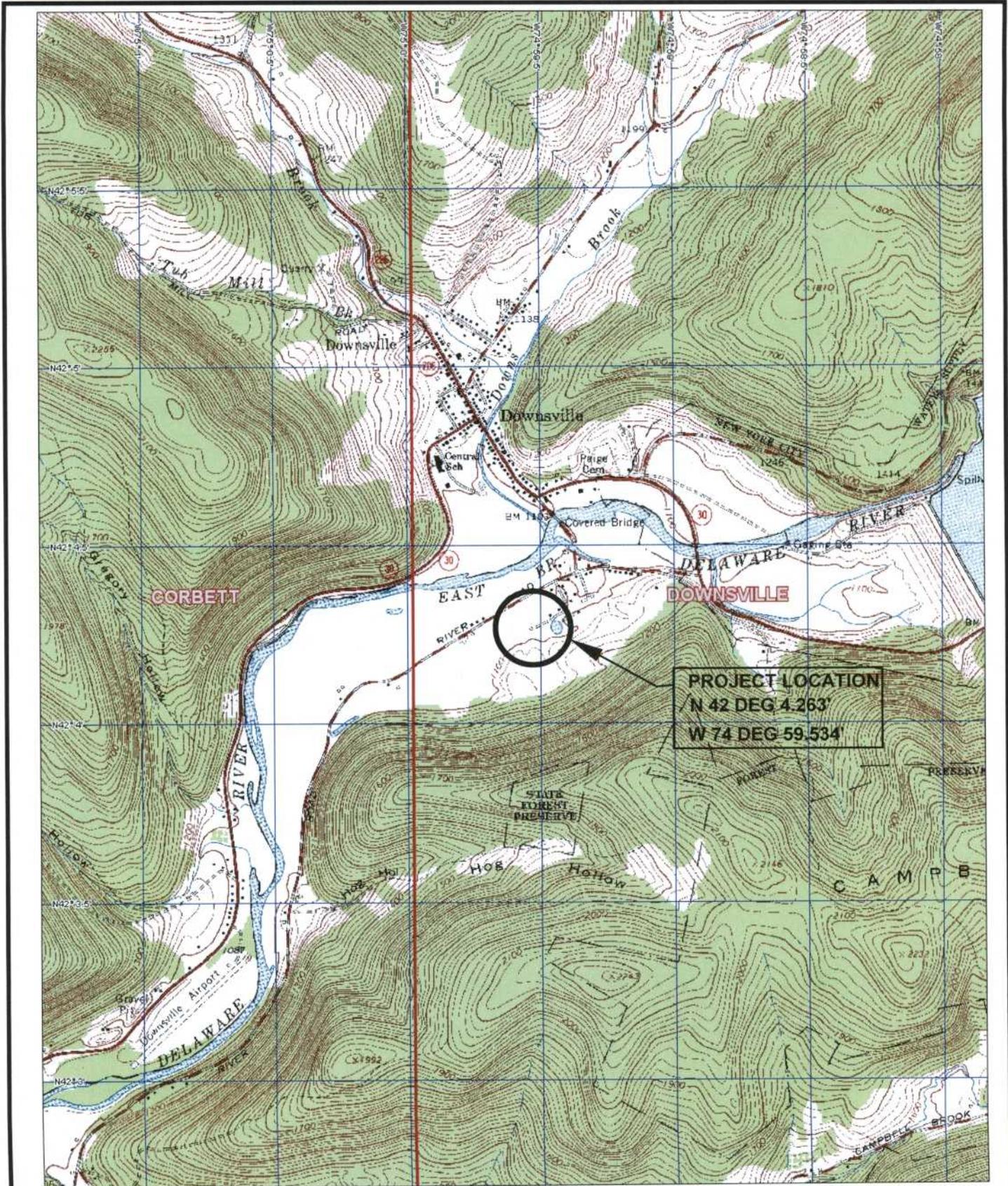


Figure 1  
3/17/09

TOWN OF COLCHESTER, NY  
NEW HIGHWAY GARAGE  
SITE LOCATION MAP

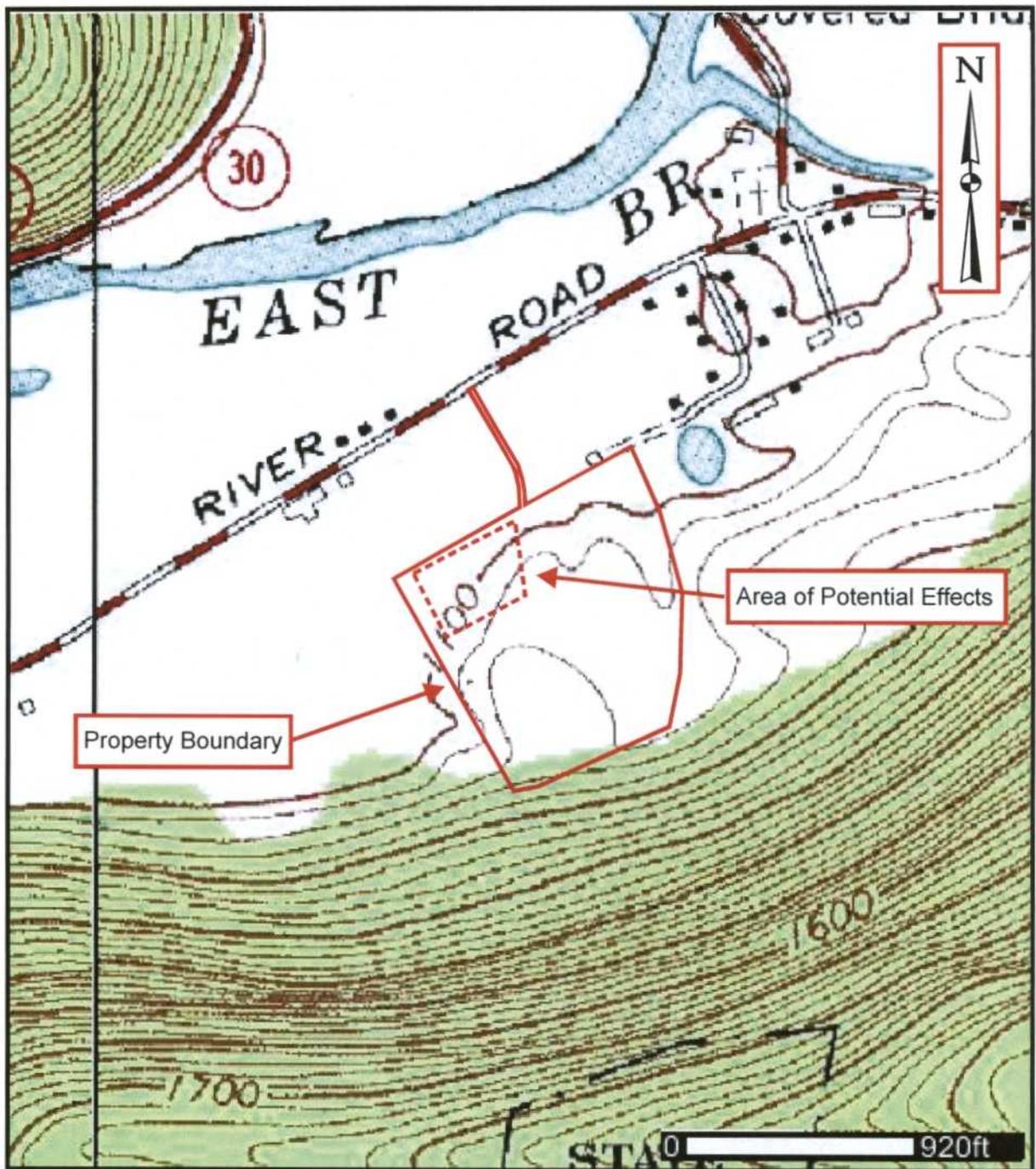


Figure 1. Map showing the location of the project area on Downsville USGS 7.5 minute topographic map

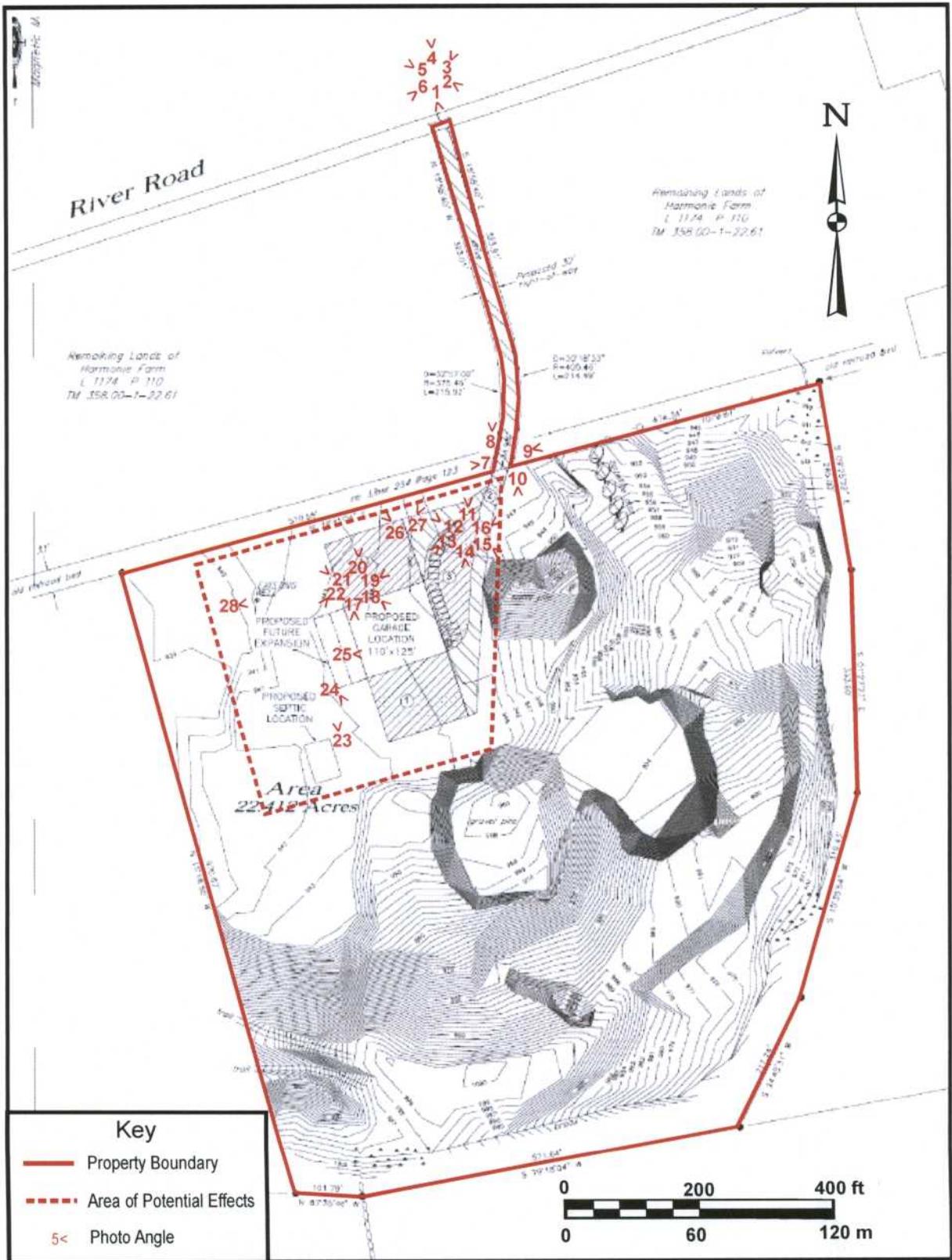


Figure 2. Map showing the location of the proposed construction at the project area.



**FEMA**

December 7, 2009

Mr. John Bonafide  
Historic Preservation Services Coordinator  
NY State Office of Parks, Recreation & Historic Preservation  
Historic Preservation Field Services  
Peebles Island P.O. 189  
Waterford, NY 12188-0189

Re: Section 106 Consultation  
Town of Colchester Proposed Highway Garage Project  
Delaware County, New York, DR-1650-NY  
09PR01737

Dear Mr. Bonafide:

FEMA Region II is proposing to assist in the funding of the Town of Colchester's New Highway Garage Facility at a site located off of River Road in Downsville, New York. A project description is enclosed for your reference.

FEMA has determined that the proposed undertaking will not have an adverse effect on historic properties. The proposed undertaking was previously reviewed by your office per consultation coordinated by the Town of Colchester's consultant. See enclosed correspondence dated 20 April 2009. No changes to the scope of work have been made since the Town's prior consultation and NYSHPO recommendation of No Effect.

The purpose of this correspondence is to document the federal agency determination of no adverse effect. If you have any questions please contact me at 212-680-3635 or [Megan.Jadrosich@dhs.gov](mailto:Megan.Jadrosich@dhs.gov).

Sincerely,

A handwritten signature in cursive script that reads "Megan Jadrosich".

Megan Jadrosich  
Regional Environmental Officer

Enclosures (2)

cf: Mr. Rick Lord, NYSEMO



**New York State Office of Parks,  
Recreation and Historic Preservation**

Historic Preservation Field Services Bureau • Peebles Island, PO Box 189, Waterford, New York 12188-0189  
518-237-8643  
www.nysparks.com

**David A. Paterson**  
Governor

**Carol Ash**  
Commissioner

20 April 2009

Mr. Michael O'Reilly  
Delaware Engineering, P.C.  
8-12 Dietz Street, Suite 303  
Oneonta, NY 13820

Re: FEMA, SEMO  
Colchester New Highway Garage  
Town of Colchester, Delaware County  
09PR01737

Dear Mr. O'Reilly:

The State Historic Preservation Office (SHPO) has reviewed the information submitted for this project (*Phase IA Literature Review and Sensitivity Assessment, New Town Highway Garage, Town of Colchester, Delaware County, New York*; February 2009; and *Phase IB Cultural Resources Survey, New Town Highway Garage, Town of Colchester, Delaware County, New York*; March 2009; both prepared by Birchwood Archaeological Services). Our review has been in accordance with Section 106 of the National Historic Preservation Act and relevant implementing regulations.

Based on the information provided, SHPO recommends that the planned project will have **No Effect** on historic properties listed or eligible for listing on the National Register of Historic Places. This recommendation pertains only to the Area of Potential Effects (APE) examined during the above-referenced investigation. Should the project design be changed, SHPO recommends further consultation with this office.

These comments are those of the Field Services Bureau and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8) and its implementing regulations (6 NYCRR Part 617).

If you have any questions please don't hesitate to contact me.

Sincerely,

Philip A. Perazio, OPRHP  
Phone: 518-237-8643 x3276; FAX: 518-233-9049  
Email: [Philip.Perazio@oprhp.state.ny.us](mailto:Philip.Perazio@oprhp.state.ny.us)

# DELAWARE ENGINEERING, P.C.

8-12 Dietz Street, Suite 303, Oneonta NY 13820 • Phone 607-432-8073 / FAX 607-432-0432

April 3, 2009

Philip Perazio  
NYS Office of Parks & Historical Preservation  
Peebles Island  
PO Box 189  
Waterford NY 12188-0189

Re: Town of Colchester, NY, New Highway Garage Project  
Phase 1A Literature Review and Sensitivity Assessment  
Phase 1B Literature Review and Sensitivity Assessment

Sub: Request for Review of Phase 1A and 1B Reports

Mr. Perazio:

Enclosed for your review is one (1) paper and one (1) electronic copy of the Phase 1A and one (1) paper and one (1) electronic copy of the Phase 1B study. Both studies were completed by Birchwood Archeological Services for the Town of Colchester Highway Garage project.

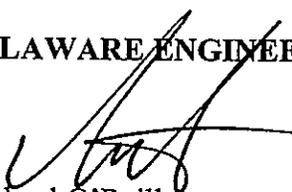
Birchwood indicates in their reports that they believe there are no historic or prehistoric archaeological resources will be impacted by the proposed project. Also note, the Town currently operates a gravel pit operation at this site.

We currently are working to complete the design of the new highway garage for bidding and plan to proceed with construction this season, 2009. Therefore, your timely review and notice of determination will be greatly appreciated by the Town and Delaware Engineering.

Please contact me ([moreilly@delawareengineering.com](mailto:moreilly@delawareengineering.com)) or Dave Ohman ([dohman@delawareengineering.com](mailto:dohman@delawareengineering.com)) at 607.432.8073 if you have any questions.

Respectfully,

**DELAWARE ENGINEERING, P.C.**



Michael O'Reilly

C:\Colchester\Highway Garage\SHPO Project Review\SHPO Project CL 3-3-09.doc  
Enclosures

**APPENDIX C**

**Public Notices**

STATE OF NEW YORK } ss:  
COUNTY OF DELAWARE }

**LEONARD A. GOVERN**

of the Town of Walton, County of Delaware and State of New York, having been duly sworn, depose and saith that (s)he is the **PRESIDENT/CEO** of THE WALTON REPORTER, a weekly newspaper printed and published in the Town of Walton and County of Delaware aforesaid.

Deponent further saith that the notice, of which a printed copy is hereunto annexed, was published once each week in said newspaper for 1 week(s) successively; said publication having been commenced on the 10 day of June 2009, and ending on the 10 day of June 2009.

*Leonard A. Govern*  
SIGNED AND SWORN TO BEFORE ME THIS

10<sup>th</sup> day of June 2009

*Judith A. Bowker*

Judith A. Bowker  
Notary Public, State of New York  
No. 0180008023  
Qualified in Delaware County  
Commission Expires May 14, 2011

**LEGAL NOTICE  
TOWN OF COLCHESTER  
HIGHWAY GARAGE PROJECT  
ENVIRONMENTAL  
ASSESSMENT STUDY**

The Town of Colchester has completed an Environmental Assessment (EA) Study for the proposed construction of a new Town highway department garage on the existing gravel pit site located off of River Road on part of the Harmonie Farms Property. A copy of the EA study is available for public review at Town Hall, 72 Tannery Road, Downsville, NY during normal business hours 9am-4pm (Monday thru Friday).

Any comments shall be submitted in writing to the Town Clerk or before Friday, June 26, 2009. Comments will be considered and addressed by the Town Board at the Board meeting on July 01, 2009 at which time the Town anticipates issuing their determination relative to the environmental significance of the proposed project.

The EA Study is required by FEMA as part of the DR NY 1850 disaster recovery program.

JULIE B. TOWNSEND  
Town Clerk

DA 5110.4  
P. 02

6-17-09 \$8.30  
6073637164