State Environmental Quality Review Act (SEQRA)

December 13, 2019

Name of Action:

Design and Construction for the Replacement of the Albany County Rail Trail Bridge over New Scotland Road (NY Route 85)

Address of Action:

New Scotland Road/ NY Route 85
Bethlehem, New York 12159
Albany County

SEQRA Action Type:

Type I Action

SEQRA Lead Agency:

Albany County Legislature
449 New Salem Road
Voorheesville, NY 12186
Contact: Daniel McCoy, County Executive
518-447-7040

Prepared for

Albany County Department of Public Works
449 New Salem Road
Voorheesville, NY 12186
Contact: Lisa Ramundo, DPW Commissioner
518-655-7902

Prepared by:

M.J. Engineering and Land Surveying, P.C.
1533 Crescent Road
Clifton Park, New York 12065
(518-371-0799
Contact: Daniel A. Eckert, PE
518-371-0799

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Classifying the Action

Name of Action:

Design and Construction for the Replacement of the Albany County Rail Trail Bridge over New Scotland Road (NY Route 85) (the Project).

Description of Action:

The existing structure carrying the Albany County Rail Trail is an old railroad bridge (BIN 7032650), constructed in 1912. The bridge has insufficient vertical and horizontal clearances on New Scotland Road (NY Route 85), resulting in numerous vehicular impacts that have caused damage to the main load carrying elements. Additionally, the column supports are in an advanced state of deterioration.

FEAF Part I, prepared on January 31, 2019, examines the potential impacts of both a replacement and rehabilitation of the pedestrian bridge. After consideration of multiple design alternatives, replacement was selected by the lead agency as the preferred alternative. FEAF Parts II and III examine the potential impacts of the preferred replacement alternative only.

The project includes the design and construction of the replacement of the pedestrian bridge carrying the Albany County Rail Trail over New Scotland Road (NYS Route 85) in the Town of Bethlehem in Albany County. The proposed bridge replacement project will include designing of demolition plans for removal of the existing structure, a replacement pedestrian bridge, resurfacing of the existing wingwalls, installation of an ADA compliant sidewalk on the North side of NY Route 85 and a mill/fill of the NY Route 85 pavement.

SEQR Status:

Based upon review of 6 NYCRR Part 617 of NYS Environmental Conservation Law, the project appears to be a "Type I" action and is required to undergo a coordinated review.

The proposed project does exceed Unlisted §617.4 (9) "*any Unlisted action…occurring wholly or partially within, or substantially contiguous to, any historic building, structure, facility, site or district or prehistoric site that is listed on the National Register of Historic Places or that is listed on the State Register of Historic Places or that has been determined by the Commissioner of the Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places….*" Therefore, the proposed project classified as a Type I Action.

Coordinated review was initiated on March 29, 2019 per §617.6.

The Albany County Legislature declared themselves Lead Agency on June 10, 2019, after hearing no objections from involved and interested agencies regarding Lead Agency.

Full Environmental Assessment Form (FEAF) Part 1
Project and Setting

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Design and Construction for the Replacement or Rehabilitation of the Albany County Rail Trail Bridge over New Scotland Road (NYS Route 85)		
Project Location (describe, and attach a general location map): New Scotland Road/Route 85 in the Town of Bethlehem, just east of intersection with Kenwood Avenue		
Brief Description of Proposed Action (include purpose or need): The existing structure carrying the Albany County Rail Trail is an old railroad bridge (BIN 7032650), constructed in 1912. The bridge has experienced numerous impacts, causing damage and providing an insufficient vertical clearance over New Scotland Road (NYS Route 85). Additionally, the column supports are in an advanced state of deterioration. The project includes the design and construction of a potential replacement or rehabilitation of the pedestrian bridge carrying the Albany County Rail Trail over New Scotland Road (NYS Route 85) in the Town of Bethlehem in Albany County. Should a bridge replacement be proposed, the proposed bridge replacement project would include designing a demolition plan for removal of the existing structure, designing a replacement pedestrian structure, and resurfacing or replacing the existing wingwalls.		
Name of Applicant/Sponsor: Lisa Ramundo - Albany County DPW Commissioner	Telephone: 518-655-7902 E-Mail: lisa.ramundo@albanycountyny.gov	
Address: 449 New Salem Road		
City/PO: Voorheesville	State: New York	Zip Code: 12186
Project Contact (if not same as sponsor; give name and title/role): Daniel A. Eckert, P.E. - Project Manager	Telephone: 518-371-0799 E-Mail: deckert@mjels.com	
Address: 1533 Crescent Road		
City/PO: Clifton Park	State: New York	Zip Code: 12065
Property Owner (if not same as sponsor):	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	**If Yes: Identify Agency and Approval(s) Required**	**Application Date (Actual or projected)**
a. City Counsel, Town Board, or Village Board of Trustees ☐Yes☑No		
b. City, Town or Village Planning Board or Commission ☐Yes☑No		
c. City, Town or Village Zoning Board of Appeals ☐Yes☑No		
d. Other local agencies ☐Yes☑No		
e. County agencies ☑Yes☐No	Albany County	
f. Regional agencies ☐Yes☑No		
g. State agencies ☐Yes☑No		
h. Federal agencies ☐Yes☑No		

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐Yes☑No

- **If Yes,** complete sections C, F and G.
- **If No,** proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes☐No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☑Yes☐No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☑Yes☐No

If Yes, identify the plan(s):

NYS Heritage Areas:Mohawk Valley Heritage Corridor

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes☑No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
The project site is located within a Hamlet (H) zoning district.

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? Bethlehem Central School District

b. What police or other public protection forces serve the project site?
Town of Bethlehem Police, Albany County Sheriff, NYS Police

c. Which fire protection and emergency medical services serve the project site?
Slingerlands Fire District, Bethlehem Volunteer Ambulance, Western Turnpike Rescue Squad

d. What parks serve the project site?
Fireman Memorial Park is immediately north of the project site.
The project site is a recreational facility.

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Bridge rehabilitation or replacement for recreational use as a portion of the Helderberg-Hudson Rail Trail.

b. a. Total acreage of the site of the proposed action? 1.31 acres
b. Total acreage to be physically disturbed? 0.77 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 66.51 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 5 months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? ☐Yes ☑No
If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				
At completion of all phases				

g. Does the proposed action include new non-residential construction (including expansions)? ☐Yes ☑No
If Yes,
i. Total number of structures _____
ii. Dimensions (in feet) of largest proposed structure: _____height; _____width; and _____ length
iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐Yes ☑No
If Yes,
i. Purpose of the impoundment: _____
ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐Other specify:
_____
iii. If other than water, identify the type of impounded/contained liquids and their source.
_____
iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres
v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length
vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):
_____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☐Yes ☑No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
If Yes:
i. What is the purpose of the excavation or dredging? _____
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
_____
_____
iv. Will there be onsite dewatering or processing of excavated materials? ☐Yes ☐No
If yes, describe. _____
_____
v. What is the total area to be dredged or excavated? _____acres
vi. What is the maximum area to be worked at any one time? _____ acres
vii. What would be the maximum depth of excavation or dredging? _____ feet
viii. Will the excavation require blasting? ☐Yes ☐No
ix. Summarize site reclamation goals and plan: _____
_____
_____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No
If Yes:
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____
_____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

_____

_____

_____

_____

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☐No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☐No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

_____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

_____

c. Will the proposed action use, or create a new demand for water? ☐Yes ☑No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐Yes ☐No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No
- Do existing lines serve the project site? ☐Yes ☐No

iii. Will line extension within an existing district be necessary to supply the project? ☐Yes ☐No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

_____

- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☐No

If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

_____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐Yes ☑No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

_____

_____

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐Yes ☐No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No

- Do existing sewer lines serve the project site? ☐Yes ☐No
- Will a line extension within an existing district be necessary to serve the project? ☐Yes ☐No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐Yes ☐No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

_____

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐Yes ☑No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes ☐No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐Yes ☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑Yes ☐No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

Heavy construction equipment and fleet vehicles for travel to/from site. Dump trucks and flat beds for material delivery.

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

N/A

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

N/A

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐Yes ☑No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐Yes ☐No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

_____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend
☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☑No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

iii. Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☐No

l. Hours of operation. Answer all items which apply.

i. During Construction:

- Monday - Friday: 7am to 6pm
- Saturday: N/A
- Sunday: N/A
- Holidays: N/A

ii. During Operations:

- Monday - Friday: Dawn to Dusk
- Saturday: Dawn to Dusk
- Sunday: Dawn to Dusk
- Holidays: Dawn to Dusk

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☐ Yes ☑ No

If yes:

i. Provide details including sources, time of day and duration:

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☐ No

Describe:

n. Will the proposed action have outdoor lighting? ☐ Yes ☑ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☐ No

Describe:

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally, describe the proposed storage facilities:

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☑ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: Lead Paint tons per TBD (unit of time)
- Operation : N/A tons per N/A (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: Existing steel with lead paint cannot be re-used onsite or recycled.
- Operation: N/A

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: Materials with lead-based paint will be disposed of at a proper facility.
- Operation: N/A

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☑ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☑ Other (specify): Transportation

ii. If mix of uses, generally describe:

The project site is a former rail bed through a mixed residential and commercial portion of the Town of Bethlehem, Hamlet of Slingerlands. The rail bridge to be rehabilitated or replaced crosses over NYS Route 85.

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.48	0.58	+0.10
• Forested	0.22	0.13	-0.09
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0.46	0.55	+0.09
• Agricultural (includes active orchards, field, greenhouse etc.)	0.00	0.00	0.00
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.00	0.00	0.00
• Wetlands (freshwater or tidal)	0.00	0.00	0.00
• Non-vegetated (bare rock, earth or fill)	0.00	0.00	0.00
• Other Describe: Gravel path, gravel parking area	0.14	0.04	-0.10

c. Is the project site presently used by members of the community for public recreation? ☑ Yes ☐ No

i. If Yes: explain: The site is a section of gravel path aligned with the remainder of the paved Rail Trail.

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☑ Yes ☐ No

If Yes,

i. Identify Facilities:

Slingerlands Elementary School, Slingerlands Community Methodist Church

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? ☐ Yes ☑ No

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

v. Is the project site subject to an institutional control limiting property uses? ☐Yes ☑No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐Yes ☐No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? > 6.67 feet

b. Are there bedrock outcroppings on the project site? ☐Yes ☑No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____%

c. Predominant soil type(s) present on project site: Udipsamments-Urban land complex 100 %
_____ %
_____ %

d. What is the average depth to the water table on the project site? Average: > 6.67 feet

e. Drainage status of project site soils: ☑ Well Drained: 100 % of site
☐ Moderately Well Drained: _____% of site
☐ Poorly Drained _____% of site

f. Approximate proportion of proposed action site with slopes: ☑ 0-10%: 85 % of site
☑ 10-15%: 10 % of site
☑ 15% or greater: 5 % of site

g. Are there any unique geologic features on the project site? ☐Yes ☑No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐Yes ☑No

ii. Do any wetlands or other waterbodies adjoin the project site? ☐Yes ☑No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☐Yes ☑No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐Yes ☑No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☐Yes ☑No

j. Is the project site in the 100-year Floodplain? ☐Yes ☑No

k. Is the project site in the 500-year Floodplain? ☐Yes ☑No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑Yes ☐No
If Yes:

i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:
Typical woodland / suburban species

n. Does the project site contain a designated significant natural community? ☐Yes ☑No
If Yes:
i. Describe the habitat/community (composition, function, and basis for designation): _____
ii. Source(s) of description or evaluation: _____
iii. Extent of community/habitat:
- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐Yes ☑No
If Yes:
i. Species and listing (endangered or threatened): _____

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐Yes ☑No
If Yes:
i. Species and listing: _____

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐Yes ☑No
If yes, give a brief description of how the proposed action may affect that use: _____

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No
If Yes, provide county plus district name/number: _____

b. Are agricultural lands consisting of highly productive soils present? ☐Yes ☑No
i. If Yes: acreage(s) on project site? _____
ii. Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐Yes ☑No
If Yes:
i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature
ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐Yes ☑No
If Yes:
i. CEA name: _____
ii. Basis for designation: _____
iii. Designating agency and date: _____

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☑ Yes ☐ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☑ Historic Building or District

ii. Name: House at 698 Kenwood Avenue, Slingerlands Historic District

iii. Brief description of attributes on which listing is based:

Architecture

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☑ Yes ☐ No

If Yes:

i. Describe possible resource(s): CP Rail Bridge over Rt 85

ii. Basis for identification: Contributing feature to abovelisted district; age and type of structure, materials used

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Swift Wetland

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): Local Conservation Measure with walking trail

iii. Distance between project and resource: 1.0 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☐ Yes ☑ No

If Yes:

i. Identify the name of the river and its designation:

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

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

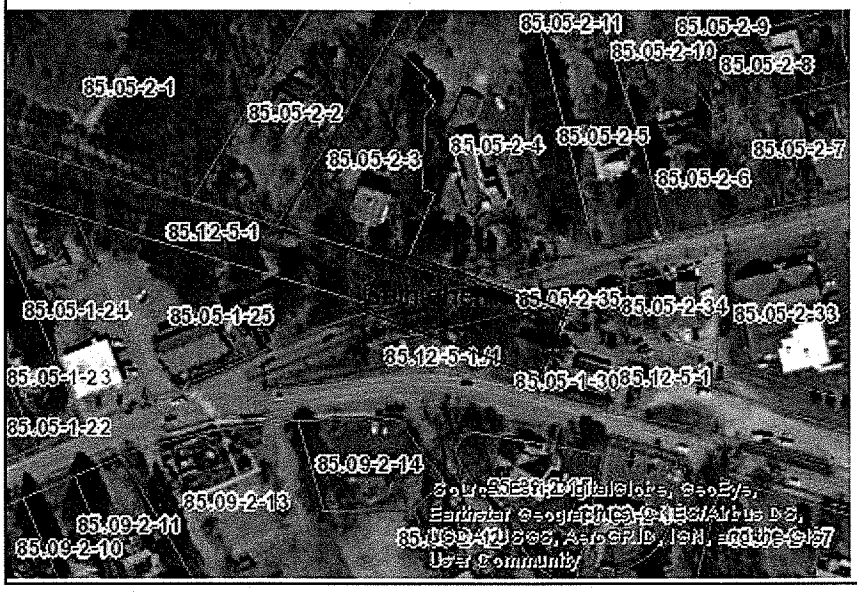
Applicant/Sponsor Name LISA M. RAMONDO Date 1-31-2019

Signature L M. R Title COMMISSIONER

PRINT FORM

EAF Mapper Summary Report

Monday, January 07, 2019 4:52 PM

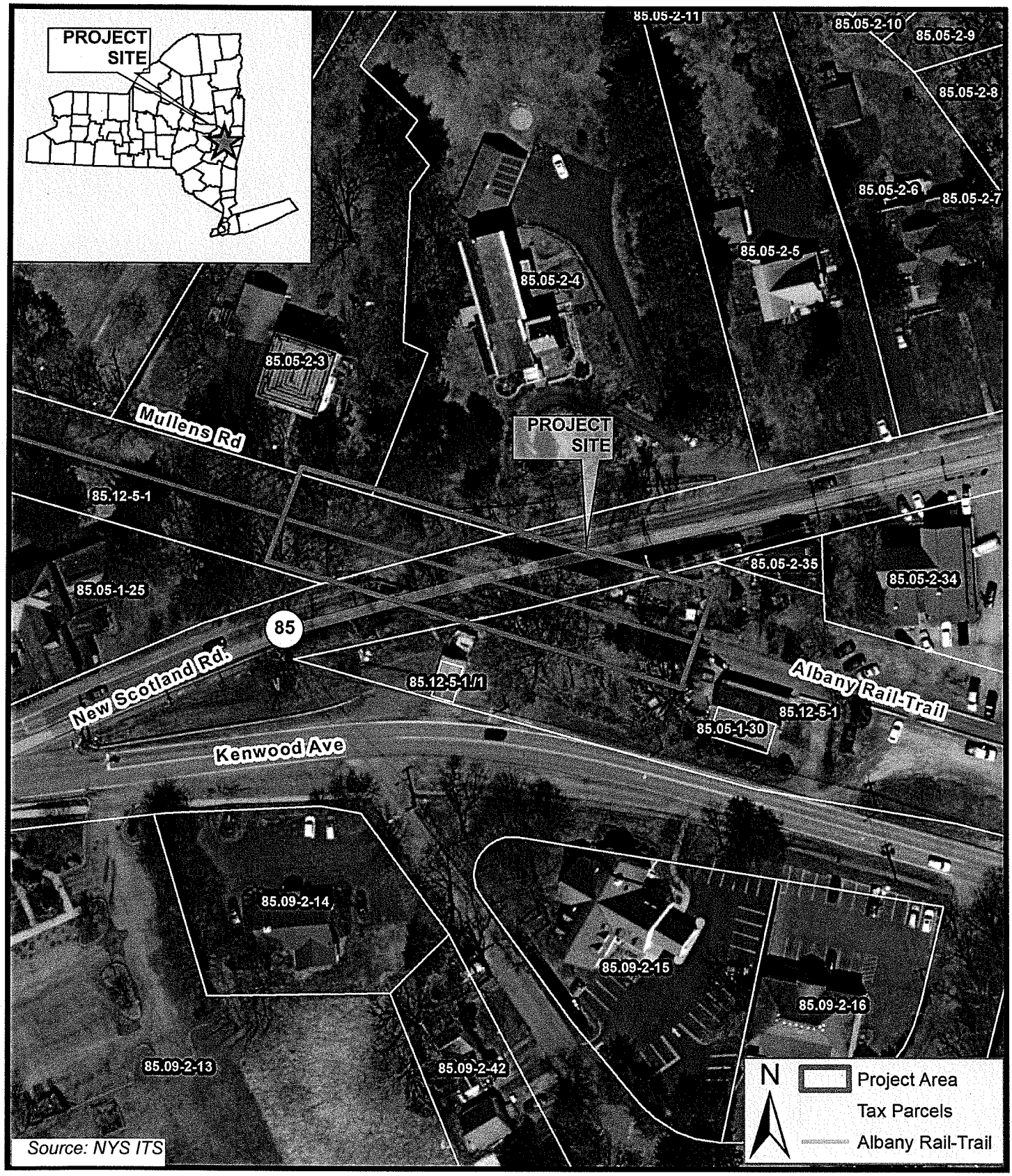


Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas:Mohawk Valley Heritage Corridor
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	No
E.2.h.iii [Surface Water Features]	No
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	No

E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National Register of Historic Places]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National Register of Historic Places - Name]	House at 698 Kenwood Avenue, Slingerlands Historic District
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

Attachment 1
Project Location Map



Engineering and Land Surveying, P.C.
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(518) 371-0799

DESIGN AND CONSTRUCTION FOR THE REPLACEMENT OF THE ALBANY COUNTY RAIL TRAIL BRIDGE OVER NEW SCOTLAND ROAD (NYS ROUTE 85)

TOWN OF BETHLEHEM, NY

SITE LOCATION MAP

Not to Scale

Attachment 2
USDA Soil Survey

USDA United States Department of Agriculture

NRCS Natural Resources Conservation Service

A product of the National Cooperative Soil Survey, a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants

Custom Soil Resource Report for Albany County, New York

October 15, 2019

Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (https://offices.sc.egov.usda.gov/locator/app?agency=nrcs) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require

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Contents

How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

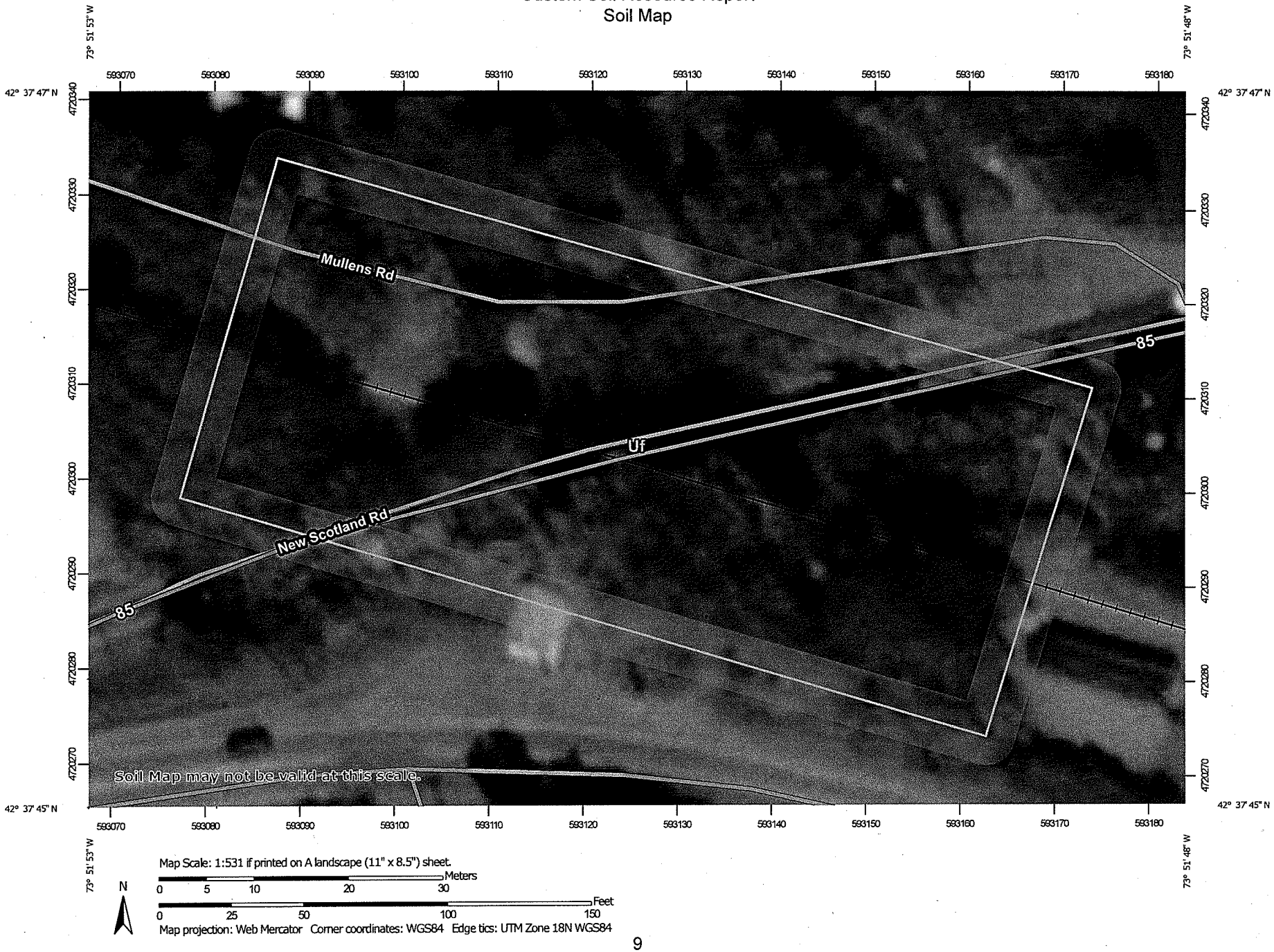
After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report
Soil Map



Map Scale: 1:531 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 5 10 20 30

Feet
0 25 50 100 150

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Albany County, New York
Survey Area Data: Version 17, Sep 16, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 16, 2009—Oct 19, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Uf	Udipsamments-Urban land complex	0.8	100.0%
Totals for Area of Interest		**0.8**	**100.0%**

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Albany County, New York

Uf—Udipsamments-Urban land complex

Map Unit Setting

National map unit symbol: 9pj0
Mean annual precipitation: 36 to 41 inches
Mean annual air temperature: 45 to 48 degrees F
Frost-free period: 100 to 170 days
Farmland classification: Not prime farmland

Map Unit Composition

Udipsamments and similar soils: 50 percent
Urban land: 30 percent
Minor components: 20 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Udipsamments

Typical profile

H1 - 0 to 70 inches: coarse sand

Properties and qualities

Slope: 0 to 8 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Somewhat excessively drained
Capacity of the most limiting layer to transmit water (Ksat): Very high (19.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 3.6 inches)

Description of Urban Land

Typical profile

H1 - 0 to 6 inches: variable

Minor Components

Psammaquents

Percent of map unit: 10 percent
Landform: Depressions
Hydric soil rating: Yes

Unnamed soils

Percent of map unit: 10 percent

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United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelprdb1043084

United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

Attachment 3
FEMA Flood Plain Map

Source: FEMA Online Database

Engineering and Land Surveying, P.C.
1533 Crescent Road
Clifton Park, New York 12065
(518) 371-0799

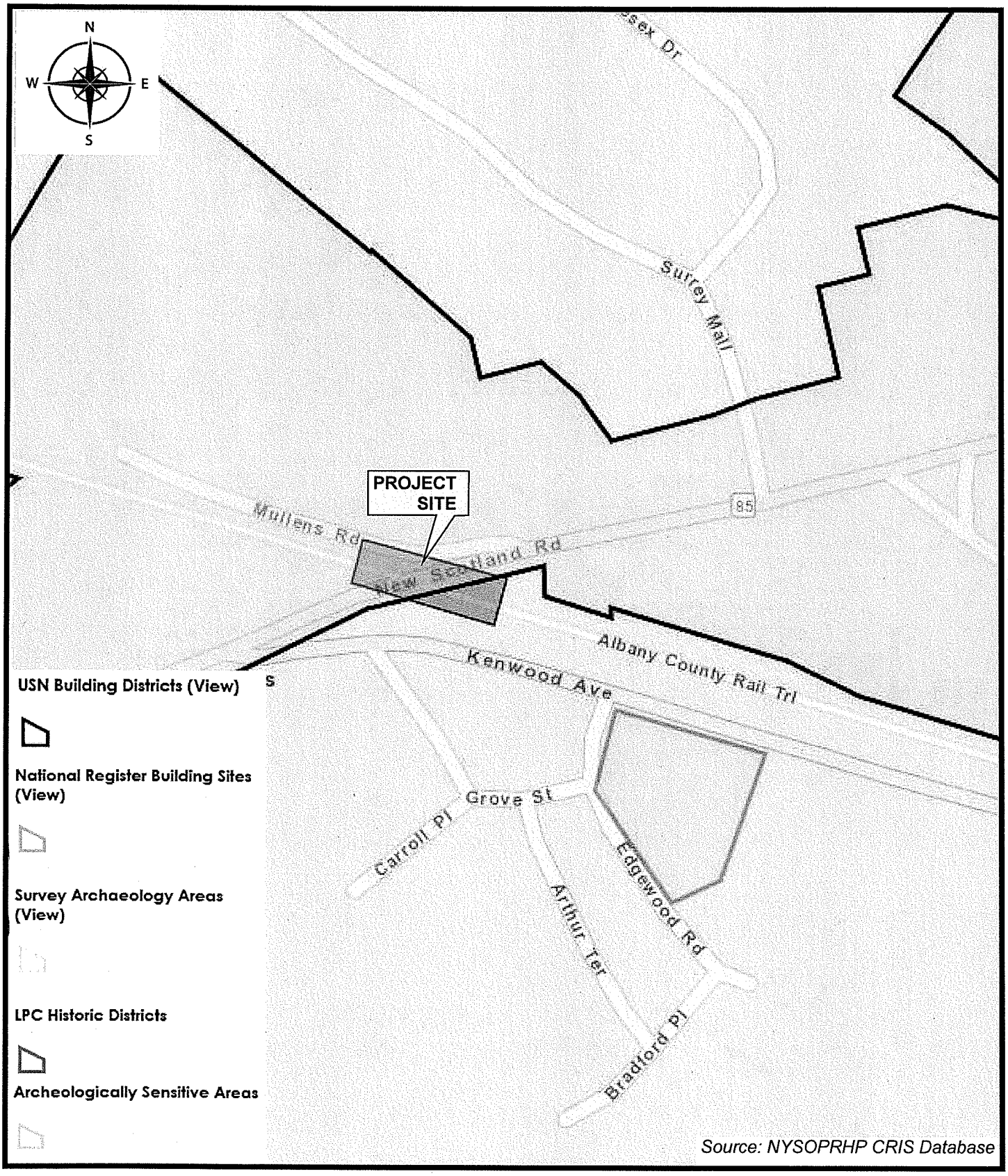
DESIGN AND CONSTRUCTION FOR THE REPLACEMENT OF THE ALBANY COUNTY RAIL TRAIL BRIDGE OVER NEW SCOTLAND ROAD (NYS ROUTE 85)

TOWN OF BETHLEHEM, NY

FEMA FLOOD PLAIN MAP

Not to Scale

Attachment 4
New York State Office of Parks Recreation and Historic Preservation
Historic, Archeological and Cultural Resource Map



Engineering and Land Surveying, P.C.
1533 Crescent Road
Clifton Park, New York 12065
(518) 371-0799

DESIGN AND CONSTRUCTION FOR THE REPLACEMENT OF THE ALBANY COUNTY RAIL TRAIL BRIDGE OVER NEW SCOTLAND ROAD (NYS ROUTE 85)

TOWN OF BETHLEHEM, NY

NYSOPRHP CULTURAL AND ARCHEOLOGICAL RESOURCE MAP

Not to Scale

New York State Office of Parks Recreation and Historic Preservation
Correspondence Dated August 7, 2019 and November 27, 2019

NEW YORK STATE OF OPPORTUNITY.
Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

August 7, 2019

Ms. Lisa Ramundo
Albany County Department of Public Works
449 New Salem Road
Voorheesville, NY 12186

Re: SEQRA
Albany County Rail Trail over New Scotland Road (NY Route 85)
New Scotland Road (NY Route 85) at Albany County Rail Trail, Albany, NY
19PR04688

Dear Ms. Ramundo:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP) as part of your SEQRA process. These comments are those of the Division for Historic Preservation 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 impact 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).

We have reviewed your submission for the Albany County Rail Trail over New Scotland Road (NY Route 85) project. We note that the CP rail bridge over Rt 85 is listed in the State and National Registers of historic Places as a contributing resource to the Slingerlands Historic District. We understand that the bridge is currently functioning as a pedestrian crossing for the Albany County Rail Trail and that the County is contemplating options for the repair or replacement of the bridge.

Our office strongly encourages the preservation and reuse of the historic bridge. If additional road clearance is an issue, we recommend that options be considered to slightly elevate the bridge or/ and lower the road grade. In addition, bridge features, such as historic railings or walkways, should be retained where possible. We recommend that multiple repair options be considered, ranging from basic repairs for continued safe pedestrian use to a full rehabilitation.

If this project will involve state or federal permitting, funding or licensing, it may require continued review for potential impacts to architectural and archaeological resources, in accordance with Section 106 of the National Historic Preservation Act or Section 14.09 of NYS Parks Recreation and Historic Preservation Law.

If you have any questions, I can be reached at (518) 268-2164.
Sincerely,

Weston Davey
Historic Site Restoration Coordinator
weston.davey@parks.ny.gov

via e-mail only

NEW YORK
STATE OF
OPPORTUNITY.

Parks, Recreation,
and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

November 27, 2019

Ms. Lisa Ramundo
Albany County Department of Public Works
449 New Salem Road
Voorheesville, NY 12186

Re: SEQRA
Albany County Rail Trail over New Scotland Road (NY Route 85)
New Scotland Road (NY Route 85) at Albany County Rail Trail, Albany, NY
19PR04688

Dear Ms. Ramundo:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP) as part of your SEQRA process. These comments are those of the Division for Historic Preservation and relate only to Historic/ Cultural resources.

Based on our review of the submitted alternatives to demolition, our office recognizes that rehabilitating the existing bridge may not be feasible given its condition and vehicle passage requirements. We believe that the proposed replacement design is generally appropriate to the historic district as it references the historic bridge design and retains the "D+H" plaques. We recommend that the existing bridge be thoroughly documented through photographs, archival materials, and a written history. Documentation packages should made available to a local historical society, library, or other repository and be stored with the county. We request that a digital copy of any documentation is provided to OPRHP via CRIS upload using this project number (19PR04688). State documentation standards are available upon request.

Additionally, we have concerns with the potential increase in heavy truck traffic resulting from the proposed bridge replacement. As we understand, heavy truck traffic is currently diverted around the section of New Scotland Road west of the bridge, where it runs through the Slingerlands Historic District. This part of the district retains its historic character as a suburban residential neighborhood. The additional traffic may impose auditory, visual and other elements that would alter the character of the district. We recommend that the county carefully consider the ways in which the increased traffic may directly or indirectly impact the historic district.

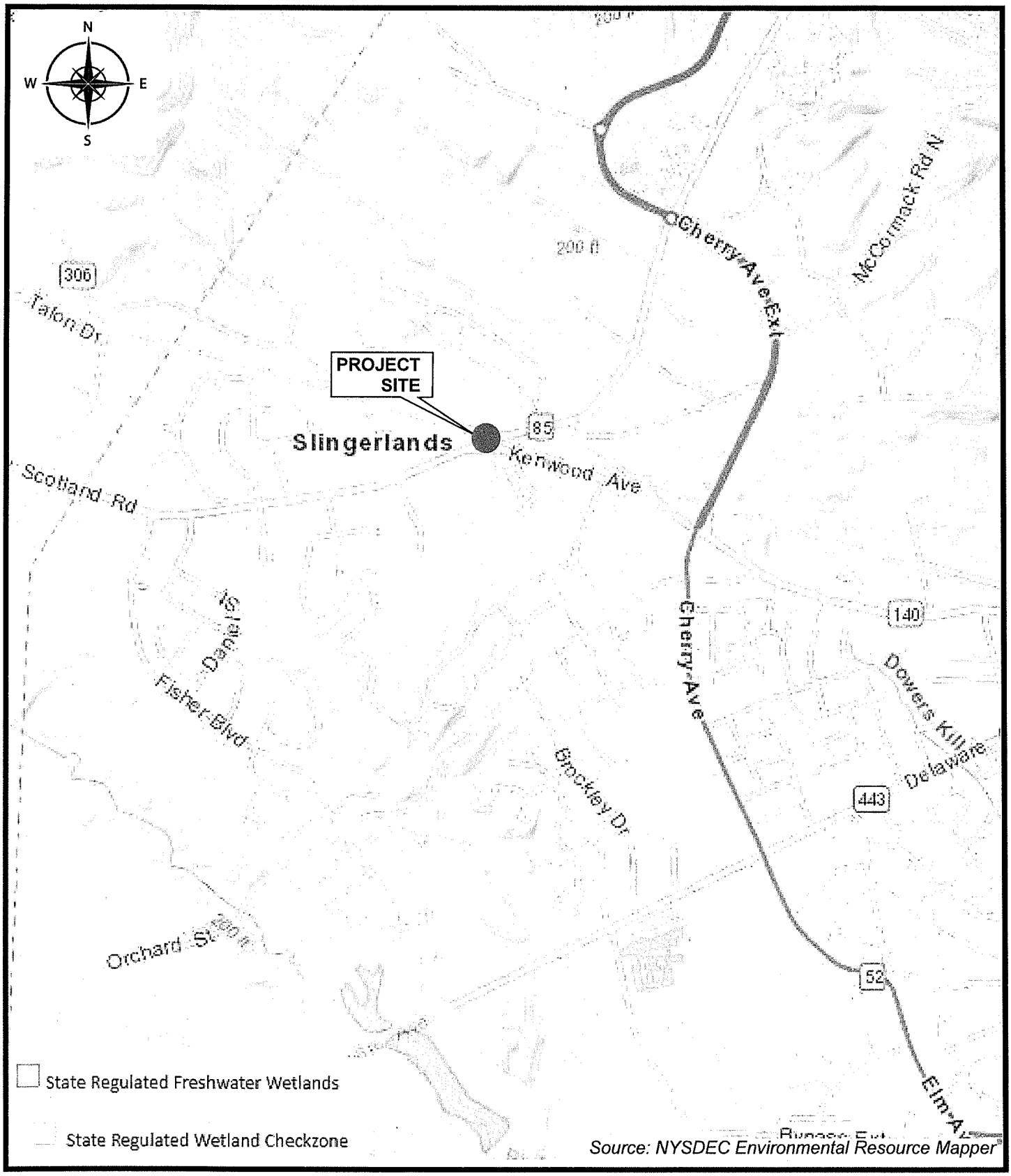
Our office appreciates the opportunity to provide comments on this action to the SEQRA Lead Agency. If additional information is needed or if I can be of any further assistance please do not hesitate to contact me at (518) 268-2164 or weston.davey@parks.ny.gov.

If you have any questions, I can be reached at (518) 268-2164.
Sincerely,

Weston Davey
Historic Site Restoration Coordinator
weston.davey@parks.ny.gov

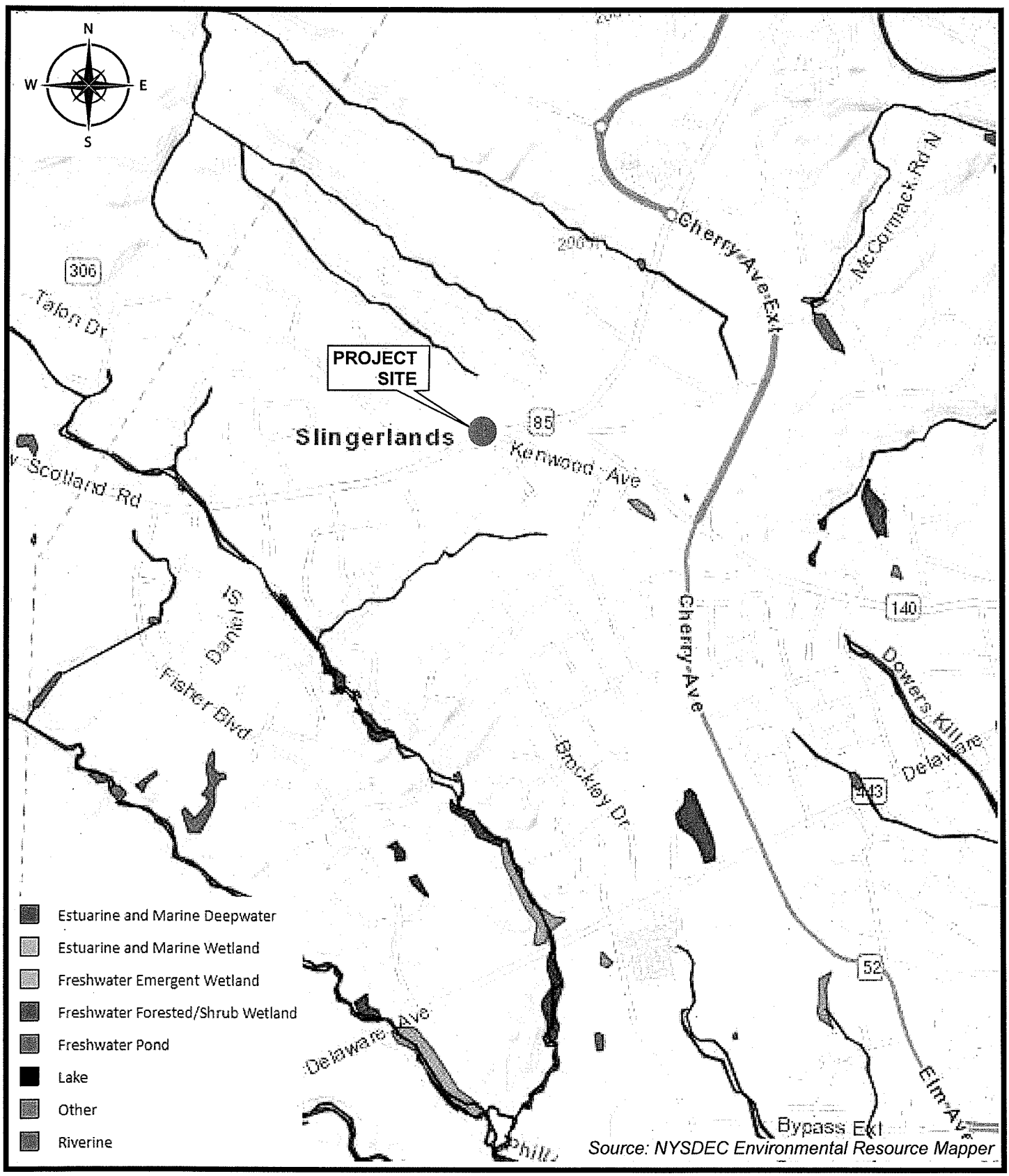
via e-mail only

Attachment 5
NYSDEC Freshwater Wetland Map



Engineering and Land Surveying, P.C. 1533 Crescent Road Clifton Park, New York 12065 (518) 371-0799	DESIGN AND CONSTRUCTION FOR THE REPLACEMENT OF THE ALBANY COUNTY RAIL TRAIL BRIDGE OVER NEW SCOTLAND ROAD (NYS ROUTE 85) TOWN OF BETHLEHEM, NY	NYSDEC WETLAND MAP *Not to Scale*

Attachment 6
NWI Wetland Map



Source: NYSDEC Environmental Resource Mapper

Engineering and Land Surveying, P.C.
1533 Crescent Road
Clifton Park, New York 12065
(518) 371-0799

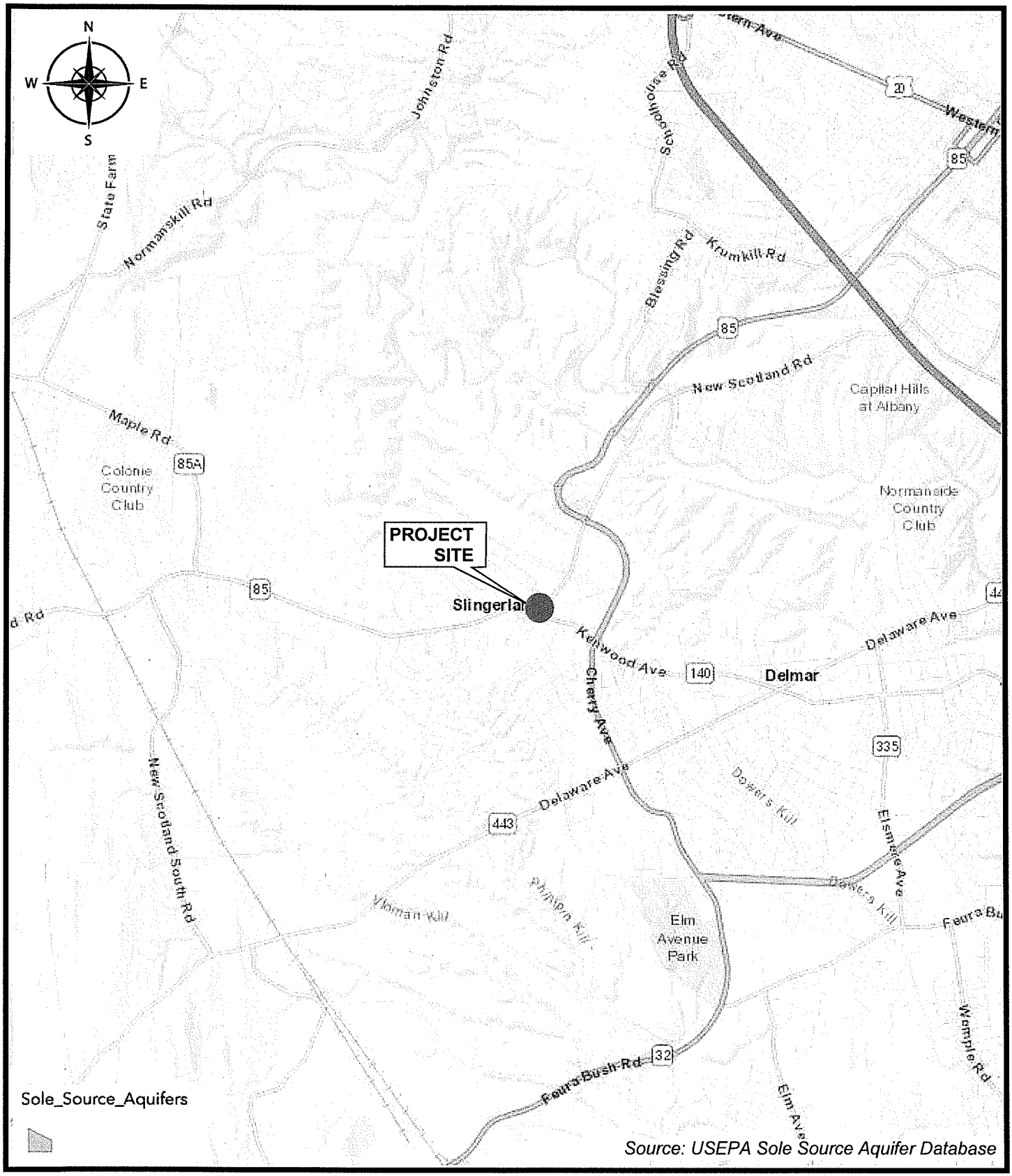
DESIGN AND CONSTRUCTION FOR THE REPLACEMENT OF THE ALBANY COUNTY RAIL TRAIL BRIDGE OVER NEW SCOTLAND ROAD (NYS ROUTE 85)

TOWN OF BETHLEHEM, NY

NATIONAL WETLAND INVENTORY MAP

Not to Scale

Attachment 7
USEPA Sole Source Aquifer Map



Engineering and Land Surveying, P.C.
1533 Crescent Road
Clifton Park, New York 12065
(518) 371-0799

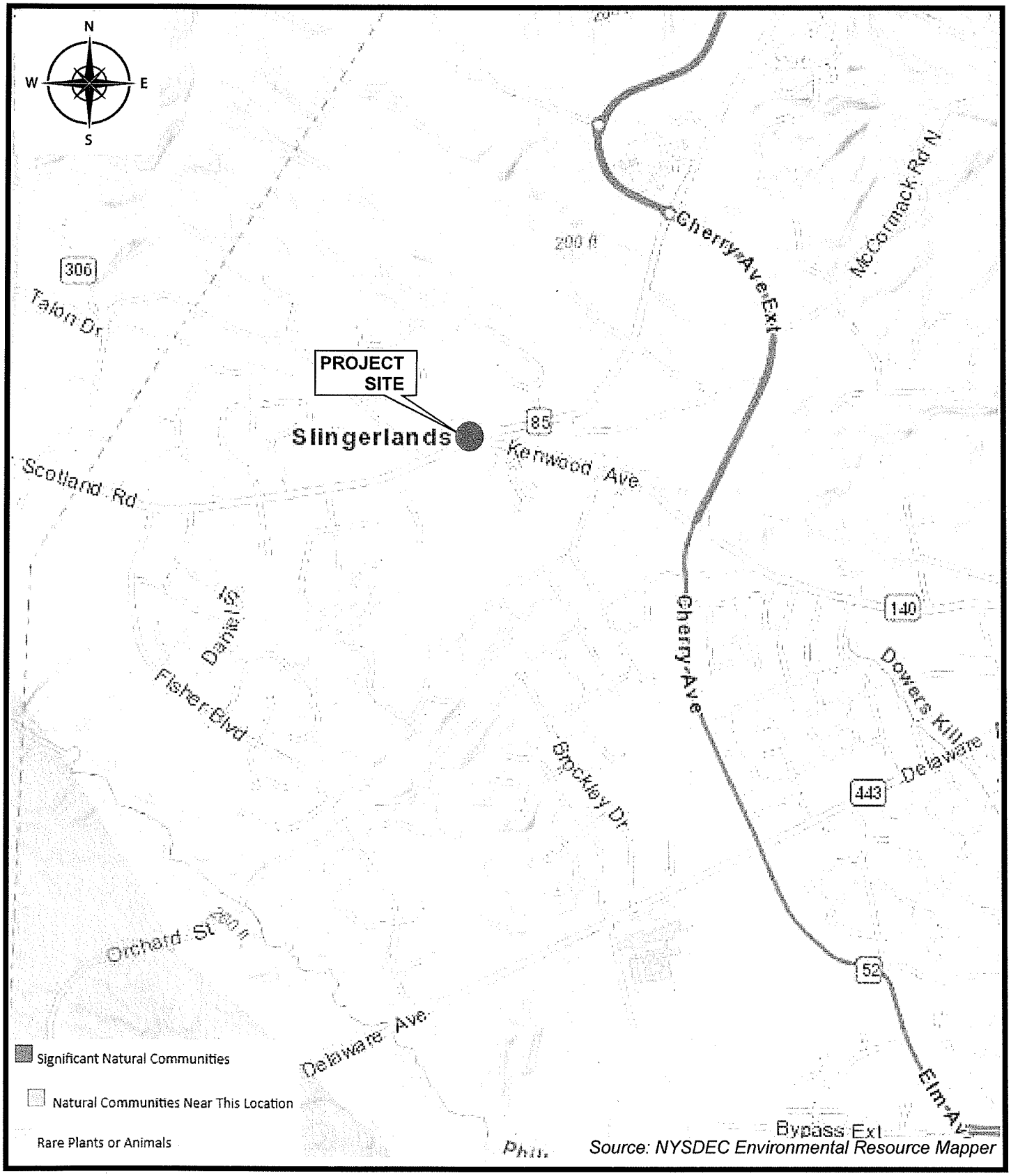
DESIGN AND CONSTRUCTION FOR THE REPLACEMENT OF THE ALBANY COUNTY RAIL TRAIL BRIDGE OVER NEW SCOTLAND ROAD (NYS ROUTE 85)

TOWN OF BETHLEHEM, NY

USEPA SOLE SOURCE AQUIFER MAP

Not to Scale

Attachment 8
NYSDEC Significant Natural Communities,
Rare Plants and Animals Map



Engineering and Land Surveying, P.C.
1533 Crescent Road
Clifton Park, New York 12065
(518) 371-0799

DESIGN AND CONSTRUCTION FOR THE REPLACEMENT OF THE ALBANY COUNTY RAIL TRAIL BRIDGE OVER NEW SCOTLAND ROAD (NYS ROUTE 85)

TOWN OF BETHLEHEM, NY

NYSDEC SIGNIFICANT NATURAL COMMUNITIES, RARE PLANTS AND ANIMALS MAP

Not to Scale

New York State Natural Heritage Program,
Correspondence Dated November 12, 2019

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program
625 Broadway, Fifth Floor, Albany, NY 12233-4757
P: (518) 402-8935 I F: (518) 402-8925
www.dec.ny.gov

November 12, 2019

Sarah Starke
M.J. Engineering & Land Surveying, P.C.
1533 Crescent Road
Clifton Park, NY 12065

Re: Design and Construction for the Replacement of the Albany County Rail Trail Bridge
County: Albany Town/City: Bethlehem

Dear Ms. Starke:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

We have no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

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 database. 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 NYS DEC Region 4 Office, Division of Environmental Permits at dep.r4@dec.ny.gov, 518-357-2449.

Sincerely,

Heidi Krahling
Environmental Review Specialist
New York Natural Heritage Program

1229

Attachment 9
US Dept of Interior Fish and Wildlife Service Threatened and Endangered Species Database

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New York Ecological Services Field Office
3817 Luker Road
Cortland, NY 13045-9385
Phone: (607) 753-9334 Fax: (607) 753-9699
http://www.fws.gov/northeast/nyfo/es/section7.htm

In Reply Refer To: October 15, 2019
Consultation Code: 05E1NY00-2020-SLI-0135
Event Code: 05E1NY00-2020-E-00376
Project Name: Design and Construction for the Replacement of the Albany County Rail Trail Bridge

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*). This list can also be used to determine whether listed species may be present for projects without federal agency involvement. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list.

Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list. If listed, proposed, or candidate species were identified as potentially occurring in the project area, coordination with our office is encouraged. Information on the steps involved with assessing potential impacts from projects can be found at: http://www.fws.gov/northeast/nyfo/es/section7.htm

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the Services wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the ESA. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New York Ecological Services Field Office
3817 Luker Road
Cortland, NY 13045-9385
(607) 753-9334

Project Summary

Consultation Code: 05E1NY00-2020-SLI-0135

Event Code: 05E1NY00-2020-E-00376

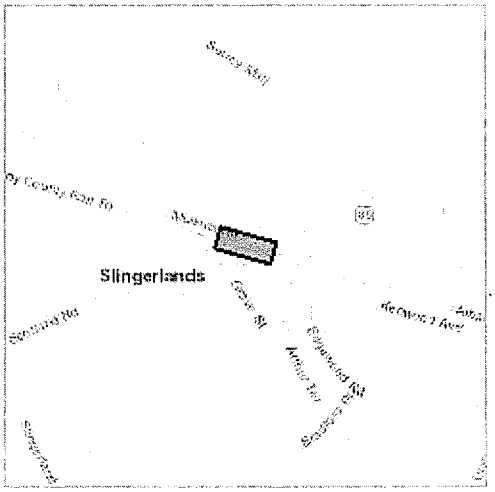
Project Name: Design and Construction for the Replacement of the Albany County Rail Trail Bridge

Project Type: BRIDGE CONSTRUCTION / MAINTENANCE

Project Description: The project includes the design and construction of the replacement of the pedestrian bridge carrying the Albany County Rail Trail over New Scotland Road (NYS Route 85) in the Town of Bethlehem in Albany County.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/42.6295374092453N73.86428261797185W



Counties: Albany, NY

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

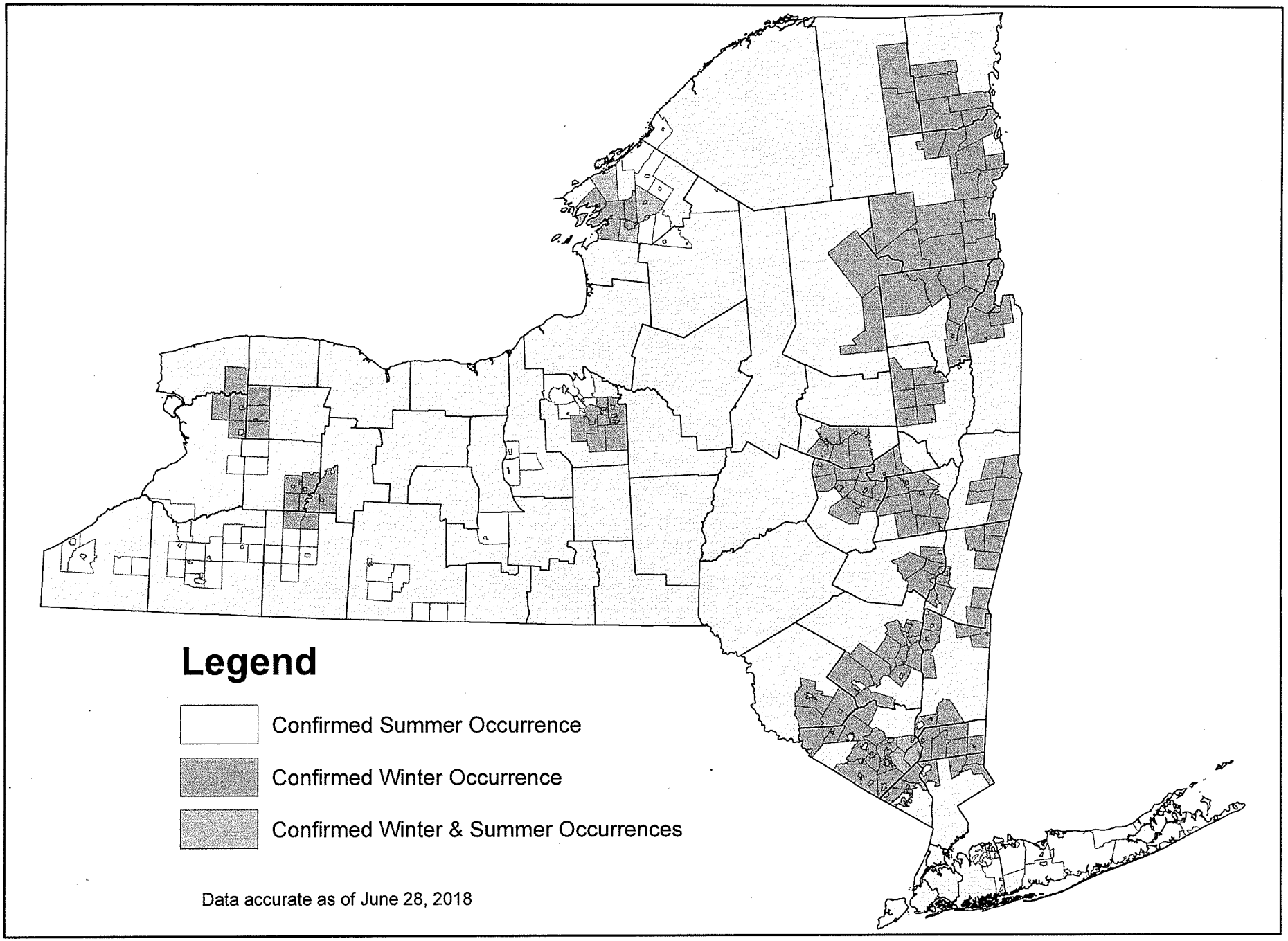
NAME	STATUS
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Attachment 10
NYSDEC Northern Long Eared Bat Occurrence by Town Map

Northern Long-eared Bat Occurrences by Town



Northern Long-eared Bat Occurrences by Town

*if your town is highlighted in yellow, please contact NYNHP to see whether your project site is within 0.25 miles of a hibernacula, or 150 feet of a summer occurrence.

County	Name	Occurrence	
		Summer	Winter
Albany	Altamont		Yes
	Berne		Yes
	Bethlehem		Yes
	Coeymans		Yes
	Guilderland		Yes
	Knox		Yes
	New Scotland		Yes
	Voorheesville		Yes
	Westerlo		Yes
Allegany	Allen	Yes	
	Angelica	Yes	
	Belfast	Yes	
	Caneadea	Yes	
	Friendship	Yes	
	Granger		Yes
	Hume		Yes
	New Hudson	Yes	
Cattaraugus	Ellicottville	Yes	
	Farmersville	Yes	
	Franklinville	Yes	
	Great Valley	Yes	
	Little Valley	Yes	
	Lyndon	Yes	
	Machias	Yes	
	Mansfield	Yes	
	Napoli	Yes	
	New Albion	Yes	
	Otto	Yes	
	Salamanca	Yes	
Cayuga	Ledyard	Yes	
	Scipio	Yes	
	Springport	Yes	
Chautauqua	Chautauqua	Yes	
	Ellington	Yes	
	Gerry	Yes	
	Westfield	Yes	
Clinton	Ausable		Yes
	Black Brook		Yes
	Dannemora		Yes
	Peru		Yes
	Saranac		Yes

Note: not all portions of listed towns are covered by a buffer. If your town is listed, contact NYNHP or your regional DEC office to see whether your project site falls within known occupied habitat.

County	Name	Occurrence	
		Summer	Winter
Columbia	Ancram		Yes
	Austerlitz		Yes
	Canaan		Yes
	Chatham		Yes
	Copake		Yes
	Germantown		Yes
	Greenport		Yes
	Hudson		Yes
	Livingston		Yes
	New Lebanon		Yes
Dutchess	East Fishkill		Yes
	Fishkill		Yes
	Hyde Park		Yes
	Millerton		Yes
	Northeast		Yes
	Pine Plains		Yes
	Red Hook		Yes
	Rhinebeck		Yes
Erie	Akron		Yes
	Alden		Yes
	Clarence		Yes
	Collins	Yes	
	Newstead		Yes
	Wales	Yes	
Essex	Chesterfield		Yes
	Crown Point		Yes
	Elizabethtown		Yes
	Essex		Yes
	Jay		Yes
	Lewis		Yes
	Minerva		Yes
	Moriah		Yes
	Newcomb		Yes
	North Hudson		Yes
	Schroon		Yes
	Ticonderoga		Yes
	Westport		Yes
	Wilmington		Yes
Franklin	Bellmont		Yes
	Franklin		Yes
Genesee	Alabama		Yes
	Corfu		Yes
	Darien		Yes
	Pembroke		Yes

Note: not all portions of listed towns are covered by a buffer. If your town is listed, contact NYNHP or your regional DEC office to see whether your project site falls within known occupied habitat.

County	Name	Occurrence	
		Summer	Winter
Greene	Athens		Yes
	Cairo		Yes
	Catskill		Yes
	Coxsackie		Yes
Hamilton	Indian Lake		Yes
	Wells		Yes
Jefferson	Alexandria	Yes	
	Black River	Yes	
	Brownville		Yes
	Champion	Yes	
	Chaumont		Yes
	Clayton	Yes	Yes
	Dexter		Yes
	Evans Mills	Yes	
	Glen Park		Yes
	Hounsfield		Yes
	Le Ray	Yes	Yes
	Lyme		Yes
	Pamelia		Yes
	Philadelphia	Yes	
	Rutland	Yes	
	Theresa	Yes	
	Watertown	Yes	Yes
Lewis	Copenhagen	Yes	
	Denmark	Yes	
	Diana	Yes	
Livingston	Mount Morris		Yes
	Nunda		Yes
	Portage		Yes
Montgomery	Ames		Yes
	Canajoharie		Yes
	Charleston		Yes
	Glen		Yes
	Mohawk		Yes
	Nelliston		Yes
	Palatine		Yes
	Palatine Bridge		Yes
	Root		Yes
Nassau	Brookville	Yes	
	Muttontown	Yes	
	Oyster Bay	Yes	
	Oyster Bay Cove	Yes	
	Upper Brookville	Yes	
Niagara	Royalton		Yes

Note: not all portions of listed towns are covered by a buffer. If your town is listed, contact NYNHP or your regional DEC office to see whether your project site falls within known occupied habitat.

County	Name	Occurrence	
		Summer	Winter
Onondaga	Camillus	Yes	
	Clay	Yes	
	De Witt		Yes
	East Syracuse		Yes
	Fayetteville		Yes
	Geddes	Yes	
	La Fayette		Yes
	Liverpool	Yes	
	Lysander	Yes	
	Manlius		Yes
	Minoa		Yes
	Onondaga		Yes
	Pompey		Yes
	Salina	Yes	
	Syracuse		Yes
	Van Buren	Yes	
Orange	Blooming Grove		Yes
	Chester		Yes
	Cornwall	Yes	Yes
	Cornwall-on-Hudson		Yes
	Crawford		Yes
	Deerpark		Yes
	Goshen		Yes
	Greenwood Lake		Yes
	Hamptonburgh		Yes
	Harriman		Yes
	Highland Falls		Yes
	Highlands	Yes	Yes
	Kiryas Joel		Yes
	Monroe		Yes
	Mount Hope		Yes
	Otisville		Yes
	South Blooming Grove		Yes
	Tuxedo		Yes
	Tuxedo Park		Yes
	Wallkill		Yes
	Warwick		Yes
	Washingtonville		Yes
	Woodbury	Yes	Yes
Putnam	Brewster		Yes
	Carmel		Yes
	Cold Spring		Yes
	Kent		Yes
	Nelsonville		Yes
	Philipstown		Yes
	Putnam Valley		Yes
	Southeast		Yes

Note: not all portions of listed towns are covered by a buffer. If your town is listed, contact NYNHP or your regional DEC office to see whether your project site falls within known occupied habitat.

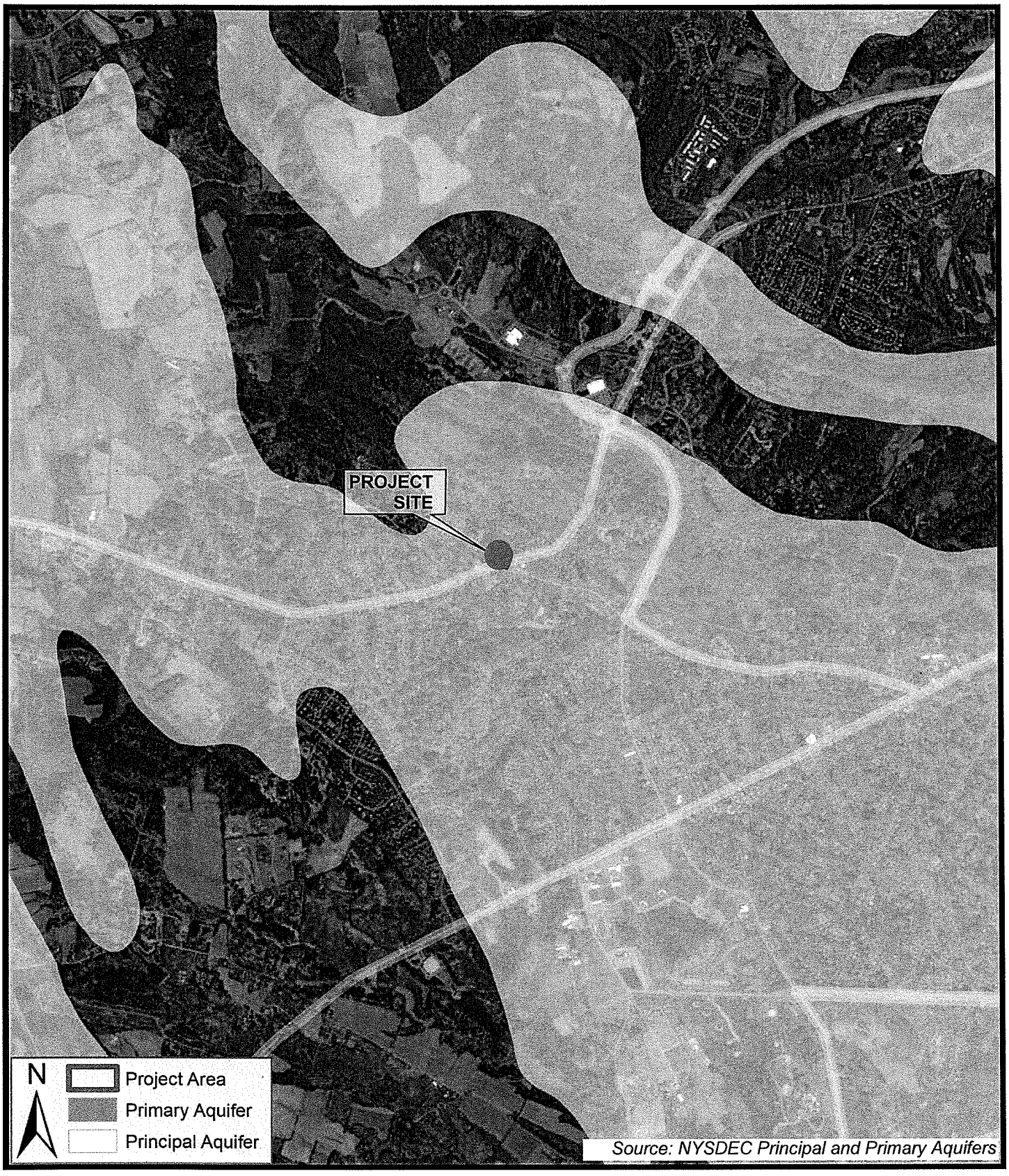
County	Name	Occurrence	
		Summer	Winter
Rensselaer	Berlin		Yes
	Grafton		Yes
	Petersburgh		Yes
	Poestenkill		Yes
	Sand Lake		Yes
	Stephentown		Yes
Rockland	Haverstraw		Yes
	Hillburn		Yes
	Pomona		Yes
	Ramapo		Yes
	Sloatsburg		Yes
	Stony Point		Yes
Saratoga	Corinth		Yes
	Edinburg		Yes
	Galway		Yes
	Greenfield		Yes
	Milton		Yes
	Providence		Yes
Schenectady	Delanson		Yes
	Duanesburg		Yes
	Princetown		Yes
Schoharie	Carlisle		Yes
	Cobleskill		Yes
	Esperance		Yes
	Esperance		Yes
	Fulton		Yes
	Middleburgh		Yes
	Schoharie		Yes
	Seward		Yes
	Sharon		Yes
	Wright		Yes
Schuyler	Hector	Yes	
St Lawrence	Hammond	Yes	
Steuben	Cameron	Yes	
	Canisteo	Yes	
	Caton	Yes	
	Jasper	Yes	
	Lindley	Yes	
	Tuscarora	Yes	
Suffolk	Brookhaven	Yes	
	Dering Harbor	Yes	
	East Hampton	Yes	
	Huntington	Yes	
	Islandia	Yes	
	Islip	Yes	
	Lloyd Harbor	Yes	
	Mastic Beach	Yes	

Note: not all portions of listed towns are covered by a buffer. If your town is listed, contact NYNHP or your regional DEC office to see whether your project site falls within known occupied habitat.

County	Name	Occurrence	
		Summer	Winter
Suffolk (cont'd)	Riverhead	Yes	
	Sag Harbor	Yes	
	Shelter Island	Yes	
	Shoreham	Yes	
	Smithtown	Yes	
	Southampton	Yes	
	Southold	Yes	
	Village of the Branch	Yes	
Sullivan	Bloomingburg		Yes
	Forestburgh		Yes
	Mamakating		Yes
	Thompson		Yes
	Wurtsboro		Yes
Ulster	Esopus		Yes
	Hurley		Yes
	Kingston		Yes
	Marbletown		Yes
	New Paltz		Yes
	Rochester		Yes
	Rosendale		Yes
	Shawangunk		Yes
	Ulster		Yes
	Wawarsing		Yes
Warren	Bolton		Yes
	Chester		Yes
	Hague		Yes
	Horicon		Yes
	Johnsburg		Yes
	Lake George		Yes
	Queensbury		Yes
Washington	Dresden		Yes
	Fort Ann		Yes
	Putnam		Yes
	Whitehall		Yes
Westchester	Cortlandt		Yes
	Lewisboro		Yes
	North Salem		Yes
	Somers		Yes
Wyoming	Bennington	Yes	
	Castile		Yes
	Gainesville		Yes
	Genesee Falls		Yes
	Pike		Yes
	Sheldon	Yes	

Note: not all portions of listed towns are covered by a buffer. If your town is listed, contact NYNHP or your regional DEC office to see whether your project site falls within known occupied habitat.

Attachment 11
NYSDEC Principal and Primary Aquifer Map



Engineering and Land Surveying, P.C.
1533 Crescent Road
Clifton Park, New York 12065
(518) 371-0799

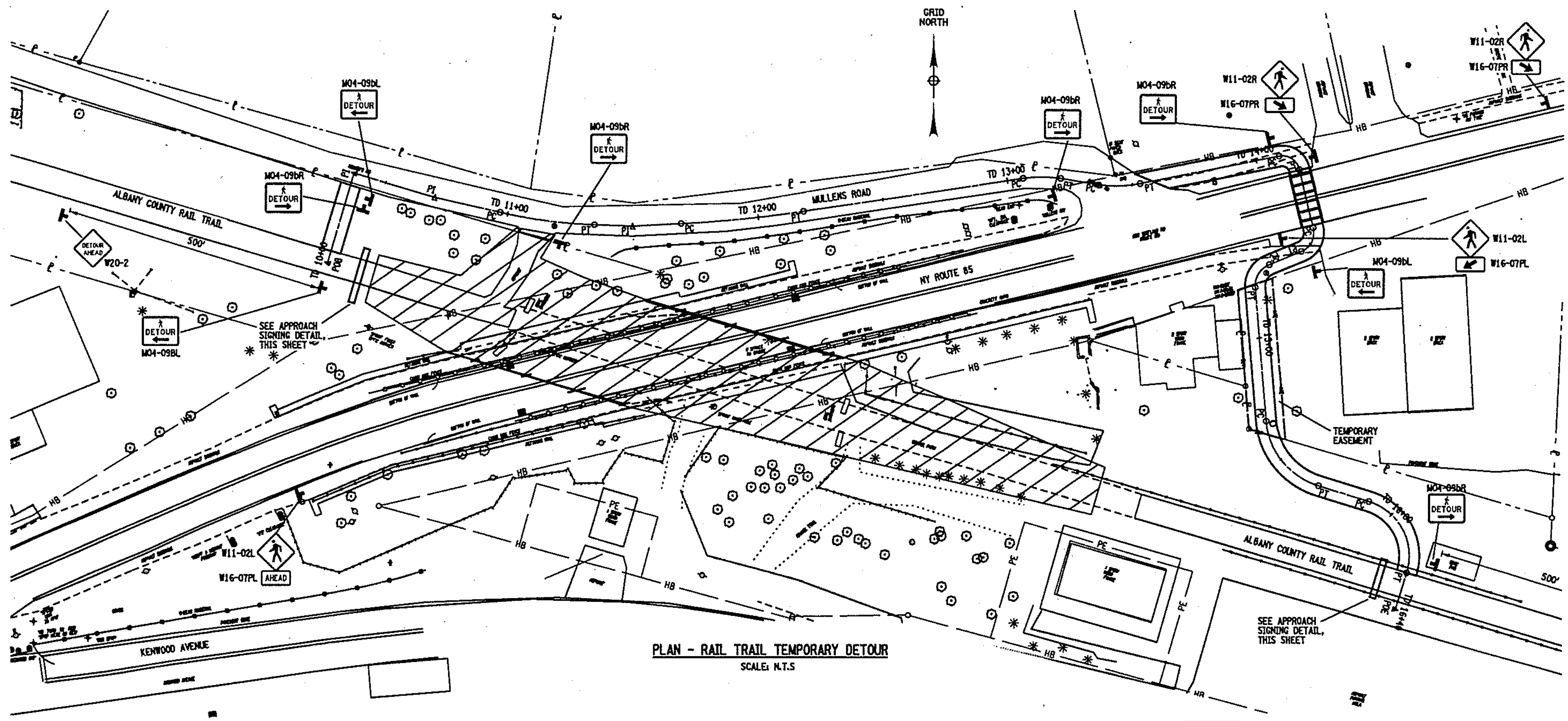
DESIGN AND CONSTRUCTION FOR THE REPLACEMENT OF THE ALBANY COUNTY RAIL TRAIL BRIDGE OVER NEW SCOTLAND ROAD (NYS ROUTE 85)

TOWN OF BETHLEHEM, NY

NYSDEC PRINCIPAL AND PRIMARY AQUIFER MAP

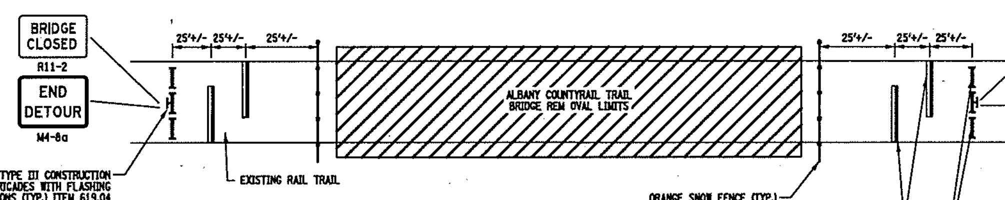
Not to Scale

Attachment 12
Work Zone Traffic Control Detail: Pedestrian Detour Route



PLAN - RAIL TRAIL TEMPORARY DETOUR

SCALE: N.T.S



APPROACH SIGNING

SCALE: N.T.S

LEGEND

- ITEM 619.01 - CONSTRUCTION SIGNS
- ITEM 619.04 - TYPE III CONSTRUCTION BARRICADES WITH FLASHING BEACONS
- LOCAL ROAD
- STATE OR COUNTY ROUTE
- DETOUR ROUTE
- WORK ZONE

WARNING: IT IS A VIOLATION OF THE NEW YORK STATE LAW FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER IN ANY WAY ANY PLANS, SPECIFICATIONS, PLATS OR REPORTS TO WHICH THE SEAL OF A PROFESSIONAL ENGINEER HAS BEEN APPLIED.

Engineering and Land Surveying, P.C.
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COUNTY OF ALBANY
DEPARTMENT OF PUBLIC WORKS
449 NEW SALEM ROAD
VOORHEESVILLE, NEW YORK 12186
518-765-2786

ALBANY COUNTY RAIL TRAIL OVER NY 85

WORK ZONE TRAFFIC CONTROL DETAIL
PEDESTRIAN DETOUR ROUTE

REV. #	DATE	BY	REMARKS

DRAWN BY: CJB	SCALE: AS SHOWN	DRAWING NUMBER:	WZTD-02
CHECKED BY: KJM	DATE: 12/06/2019	SHEET:	XX OF XX
APPROVED BY: DAE	PROJ. I.D. NO.:		

DATE: #DATE# BY: DGN#USERNAME PLOT SCALE:

FILE NAME = DGN#SPEC0R1234567890123456789012345678901234
DATE/TIME = #DATE# #TIME#
USER = DGN#USERNAME

FEAF Part 2
Identification of Potential Project Impacts

Agency Use Only [If applicable]

Project :

Date :

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

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

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "**Yes**" to a numbered question, please complete all the questions that follow in that section.
- If you answer "**No**" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)
If "Yes", answer questions a - j. If "No", move on to Section 2.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: Temporary construction activity		☑	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____ _____		☐	☐

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☑ NO ☐ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	☐	☐
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	☐	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☐	☐
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	☐	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☐	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☐	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☐	☐
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	☐	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☐	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☐	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☐	☐

l. Other impacts: _____		☐	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☐ NO ☑ YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	☑	☐
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	☑	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☑	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☑	☐
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	☑	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☑	☐
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	☑	☐
h. Other impacts: Located over principal aquifer		☑	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☐ NO ☑ YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☑	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☑	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☑	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☑	☐

g. Other impacts: _____ _____		☐	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) ☑NO ☐YES

If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____ _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐NO ☑YES

If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☑	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☑	☐
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☑	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☑	☐
j. Other impacts: _____ _____		☐	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☑NO ☐YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

9. Impact on Aesthetic Resources
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)
☐ NO ☑ YES
If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☑	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☑	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	☑ ☑	☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	☑ ☑	☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☑	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☑	☐
g. Other impacts: _____		☐	☐

10. Impact on Historic and Archeological Resources
The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)
☐ NO ☑ YES
If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☐	☑
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☑	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	☑	☐

d. Other impacts: _____		☐	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☑	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☑	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☑	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☑	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☑	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☑	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☑	☐
e. Other impacts: Temporary impacts to use of the Albany County Rail Trail during construction		☑	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☐	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☐	☐
c. Other impacts: _____		☐	☐

13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. ☐ NO ☑ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☑	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☑	☐
c. The proposed action will degrade existing transit access.	D2j	☑	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☑	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☑	☐
f. Other impacts: Temporary impacts to vehicular travel during construction.		☑	☐

14. Impact on Energy
The proposed action may cause an increase in the use of any form of energy. ☑ NO ☐ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☐	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☐	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☐	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☐	☐
e. Other Impacts:			

15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☑ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☑	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☑	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: Temporary noise may be possible during construction		☑	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☐ NO ☑ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	Relevant Part I Question(s)	No,or small impact may cccur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☑	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☑	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☑	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☑	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☑	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☑	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☑	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☑	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☑	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☑	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☑	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☑	☐
m. Other impacts:		☐	☐

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) ☑ NO ☐ YES

If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) ☐ NO ☑ YES

If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☑	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☑	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☑	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☑	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☑	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☑	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

FEAF Part 3
Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance

Agency Use Only [IfApplicable]

Project :

Date :

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

See attached

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☑ Type 1 ☐ Unlisted

Identify portions of EAF completed for this Project: ☑ Part 1 ☑ Part 2 ☑ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Albany County Legislature as lead agency that:

☑ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: Design and Construction for the Replacement of the Albany County Rail Trail Bridge over New Scotland Road (NY Route 85)

Name of Lead Agency: Albany County Legislature

Name of Responsible Officer in Lead Agency: Daniel McCoy

Title of Responsible Officer: County Executive

Signature of Responsible Officer in Lead Agency: Date:

Signature of Preparer (if different from Responsible Officer) Date:

For Further Information:

Contact Person: Lisa Ramundo, DPW Commissioner

Address: 449 New Salem Road, Voorheesville, NY 12186

Telephone Number: 518-655-7902

E-mail: Lisa.Ramundo@albanycountyny.gov

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

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12-12-79 (3/99)-9c **SEQR**

State Environmental Quality Review
NEGATIVE DECLARATION
Notice of Determination of Non-Significance

Project Number: 18-C541 Date: 12/13/2019

This notice is issued pursuant to Part 617 of the implementing regulations pertaining to Article 8 (State Environmental Quality Review Act) of the Environmental Conservation Law.

The Albany County Legislature as lead agency has determined that the proposed action described below will not have a significant environmental impact and a Draft Impact Statement will not be prepared.

Name of Action:

Design and Construction for the Replacement of the Albany County Rail Trail Bridge over New Scotland Road (NYS Route 85) (the Project)

SEQR Status: Type I ☒
Unlisted ☐

Conditioned Negative Declaration: ☐ Yes
☒ No

Description of Action:

The existing structure carrying the Albany County Rail Trail is an old railroad bridge (BIN 7032650), constructed in 1912. The bridge has insufficient vertical and horizontal clearances on New Scotland Road (NY Route 85), resulting in numerous vehicular impacts that have caused damage to the main load carrying elements. Additionally, the column supports are in an advanced state of deterioration.

The project includes the design and construction of the replacement of the pedestrian bridge carrying the Albany County Rail Trail over New Scotland Road (NYS Route 85) in the Town of Bethlehem in Albany County. The proposed bridge replacement project will include designing of demolition plans for removal of the existing structure, a replacement pedestrian bridge, resurfacing of the existing wingwalls, installation of an ADA compliant sidewalk on the North side of NY Route 85 and a mill/fill of the NY Route 85 pavement.

Location: (Include street address and the name of the municipality/county. A location map of appropriate scale is also recommended.)

New Scotland Road/ NY Route 85 in the Town of Bethlehem, just east of intersection with Kenwood Avenue

Reasons Supporting This Determination:
(See 617.7(a)-(c) for requirements of this determination; see 617.7(d) for Conditioned Negative Declaration)

After considering the criteria for the determining significance as set forth in 6 NYCRRR 617.7(e), the Albany County Legislature has determined, for the reasons discussed below, that the proposed Project will not have a significant adverse impact on the environment and the issuance of a negative declaration under SEQRA is warranted.

Impact on Land
This project will not result in any significant impact on land. The project site is an existing Albany Rail Trail pedestrian bridge over NY Route 85 (New Scotland Road), adjacent to residential properties within the Town of Bethlehem. The land grades range from relatively flat (1 to 2%) to steep (15% to 30%). The area of land

disturbance associated with this project will be approximate 0.77 acres. Temporary sediment and erosion control measures will be implemented during construction as needed.

Ingress and egress to the project site will be through the existing roadway network. Fiber optic utilities are currently present on the bridge and will remain following construction. No utilities will need to be extended to the project site.

The project will be constructed as a single phase. The project will include measures to mitigate impacts during construction which will include but is not limited to limiting work hours from Monday through Friday 7 AM to 6 PM, avoiding construction accesses of "convenience", and securing the construction site to protect the general public from access.

Impacts on Geological Features
The Project will not result in any significant impact upon geological features as the project site does not include any unique or unusual landforms.

Impact on Surface Waters
The project will not result in any significant impact upon (a) any water body, protected or non-protected, (b) surface or groundwater quality or quantity, or (c) drainage flow or patterns, inclusive of surface water runoff.

The site includes no regulated U.S. Army Corps of Engineers or NYSDEC wetlands.

The Project will disturb less than one acre and will not require a NYSDEC SPDES permit. Temporary erosion and sedimentary control measures will be implemented during construction as needed.

Impacts on Groundwater
The project will result in no impact on groundwater. A review of the USDA Soil Survey for Albany County indicates that the site soils are comprised of well drained soils. Groundwater has been estimated to be greater than 6.6 feet below the existing surface grades. The project will require minor excavation into the subsoil for abutment foundations and minor pavement reconstruction during site preparation. However, these required excavations are anticipated to be at shallower depths than the established groundwater elevations.

The site is not located over or immediately adjacent to a primary or sole source aquifer. The site is located over a principal aquifer; however, no impacts are anticipated.

Impact on Flooding
The project will not result in any significant impact on flooding. Upon review of the National Insurance Program Flood Insurance Rate Map (FIRM) Community Panel Number 36001C0188D, the project lies within an area of minimal flooding.

Stormwater runoff is collected in a closed drainage system within NY Route 85, which exhibits a local low point directly under the existing bridge. There are four (4) drainage structures in the vicinity of the bridge that appear to be inadequate as flooding is known to occur under the bridge. The existing drainage structures will be maintained in the final condition but may require modification due to roadway widening. NYSDOT has recently cleaned the existing inlets and drainage piping. The proposed structure will have a 15'-6" clearance over NY Route 85 instead of the minimum 14'-0" to accommodate any possible future reconstruction to mitigate drainage issues under the bridge.

Impact on Air
The project will result in no impact on air. The project will not include a state regulated air emission source.

The Title V Operating Permit program was established by Congress as part of the 1990 Clean Air Act Standards and requires major sources of air pollutants to obtain a permit and operate incompliance with that permit. Permits include pollution control requirements from state or federal regulation that apply to a potential source. The project does not require operating permits under Title V of the Clean Air Act since it is not a major

source with actual or potential emissions at or above the major source threshold for any air pollutant. A major source is defined by the Environmental Protection Agency (EPA) as follows:

- The major source threshold for any air pollutant is 100 tons/year.
- Lower thresholds apply in non-attainment areas (but only for the pollutant that are in non-attainment).
- Major source thresholds for "hazardous air pollutants" (HAP) are 10 tons/year for a single HAP or 25 tons/year for any combination of HAP.

Impacts on Plants and Animals

The Project will not result in any significant impact on flora and fauna.

In preparation for the installation of the new bridge, existing vegetation within the Project limits will be removed, including invasive plants and trees. Following construction, shade trees and native vegetation will be incorporated where appropriate, to provide layers of plant communities which will aid in providing habitat to local birds and other wildlife.

NYSDEC EAF Mapper on-line application (New York State Natural Heritage Program (NYNHP) did not identify any state-threatened or endangered species that may be present within the project vicinity. Correspondence with the NYNHP dated November 12, 2019 indicated there are no records of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.

An inquiry was submitted using the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPaC) website to identify any potential threatened and endangered species that may be present within the proposed action location. The USFWS identified the federally-threatened northern long-eared bat (Myotis septentrionalis) as possibly occurring within the Project vicinity. The NLEB has a range that extends throughout all of New York and much of the eastern United States.

As discussed on the NYNHP Conservation Guide for the NLEB (NYNHP, 2016), the NLEB is a federally-listed threatened bat species that is endemic to North America. The NLEB will hibernate in caves or mines in the winter months and roost singly or in colonies under bark or in tree crevices during the late spring, summer and early fall. Suitable habitats for this species consist of a wide variety of forested and wooded habitats that can range from dense to loose aggregates of trees. Habitat selected by individuals tend to contain potential roost sites which are living or dead trees or shrubs with diameter at breast height (D.B.H.) measurements of three inches or greater which also have exfoliating bark, cracks, crevices, and hollows. A variety of tree species are used for roosting. The most severe threat to the NLEB is disease (white-nose syndrome). Although white-nose syndrome has been responsible for the dramatic decline in the bat's populations, major factors affecting bat viability also include habitat loss or degradation, impacts to hibernacula, and collisions with man-made structures (NYNHP, 2016).

The NYSDEC requires conditions on tree cutting in order to protect NLEB that may be roosting in trees in the vicinity of NLEB hibernacula and documented summer occurrences (e.g., located within 5 miles of a known hibernation site or 1.5 miles of a documented summer occurrence). As indicated in the NYSDEC map of NLEB Occurrences by Town (NYSDEC, 2016b), the project site is not located within 5 miles of a known hibernation site or 1.5 miles of a documented summer occurrence. While no specific habitat was identified on the subject parcel, the northern long-eared bat may be found in virtually any county in New York State. Although this project site falls outside of the currently recognized occupied habitat for this federally threatened species, if the species is identified at the project site, the project will adhere to NYSDEC recommendations that the removal of any trees greater than 3 inches in diameter at breast height (dbh) take place between November 1 and March 31 each year, in order to protect potential bat habitat.

Impact on Agricultural Resources

The project will result in no impact on agricultural resources as the project site is not located in or within 500-feet of a designated agricultural district.

Impact on Aesthetic Resources
The project will result no negative impacts on aesthetic resources.

The proposed action will replace the existing three span thru-girder bridge on approximately the same horizontal alignment with a slight change in the vertical alignment to meet current NYSDOT bridge manual standards.

Impact on Historic and Archeological Resources
The project will not result in any significant impact on Historic and Archeological Resources.

The project corridor is located within the Slingerlands Historic District. According to the National Register of Historic Places, there are 102 buildings contributing to this historic district and 1 contributing structure, which is the Albany County Rail Trail bridge (BIN 7032650) running over NY Route 85. The Slingerlands Historic District in its entirety was added to the National Register of Historic Places in 2011.

The existing bridge is a three-span abandoned railroad bridge consisting of a thru-girder and floor beam system over NY Route 85 with a pedestrian sidewalk below. It was built in 1912 and is currently being utilized as a pedestrian crossing bridge for the Albany County Rail Trail. The most current bridge inspection was performed November 15, 2018. During the inspection, multiple locations of impact damage and overall deteriorated conditions in the primary structural members were observed. The structure was determined to be in poor condition. Significant impact damage was noted upon the outer pier columns, reducing the bearing of the main girder system upon the pier. There was also section loss found at the base of the columns at the top of the sidewalks. Due to this, emergency temporary repairs were completed in January 2019 to avoid further damage to the pier columns that risked the possibility of the structure to collapse. The temporary repairs were to allow for the completion of the project scoping and design process.

The New York State Office of Parks, Recreation and Historic Preservation, by correspondence dated August 7, 2019 recommended that *"..multiple repair options be considered, ranging from basic repairs for continued safe pedestrian use to a full rehabilitation"*.

The Project scoping report evaluated several alternatives including a No Build (Null), Rehabilitation without Raising, Rehabilitation with Raising, Replacement Structure (Two-Girder System) and Replacement Structure (Prefabricated Truss).

After careful evaluation of design alternatives, it was determined that the replacement of the structure was the most feasible alternative. The Replacement Structure (Two-Girder System) was selected as the preferred alternative by the lead agency. The proposed project will replace the existing three span thru-girder superstructure on the same horizontal alignment with a slight change in the vertical alignment to meet current NYSDOT bridge manual vertical clearance standards. The project will also enhance pedestrian access and connectivity, providing an ADA compliant sidewalk along the North side of NY Route 85 for pedestrians.

The Project footprint resides within an area designated as having soils of archeological significance. However, the project area has been previously disturbed, therefore no impacts to archeological resources are anticipated.

Additional correspondence with the New York State Office of Parks, Recreation and Historic Preservation, dated November 27, 2019 stated the following:

> *"Based on our review of the submitted alternatives to demolition, our office recognizes that rehabilitating the existing bridge may not be feasible given its condition and vehicle passage requirements. We believe that the proposed replacement design is generally appropriate to the historic*

district as it references the historic bridge design and retains the "D+H" plaques. We recommend that the existing bridge be thoroughly documented through photographs, archival materials, and a written history. Documentation packages should made available to a local historical society, library, or other repository and be stored with the county. We request that a digital copy of any documentation is provided to OPRHP via CRIS upload using this project number (19PR04688). State documentation standards are available upon request.

Additionally, we have concerns with the potential increase in heavy truck traffic resulting from the proposed bridge replacement. As we understand, heavy truck traffic is currently diverted around the section of New Scotland Road west of the bridge, where it runs through the Slingerlands Historic District. This part of the district retains its historic character as a suburban residential neighborhood. The additional traffic may impose auditory, visual and other elements that would alter the character of the district. We recommend that the county carefully consider the ways in which the increased traffic may directly or indirectly impact the historic district."

The project will follow recommendations provided by OPRHP to thoroughly photograph and document the existing bridge prior to removal.

Impact on Open Space and Recreation

The project will not result in any significant impact on open space and recreational opportunities. The project will replace an existing pedestrian bridge currently utilized by the Albany County Rail Trail. The proposed width of 12 feet is sufficient for pedestrian and bicycle recreational use. During construction, a temporary offsite detour will be provided to accommodate pedestrian access to the Albany County Rail Trail. The detour will begin near the eastern limits of the project site and traverse north through a temporary easement until intersecting NY Route 85. A temporary crosswalk and signage will be installed on Route 85 to accommodate pedestrian traffic. The detour will continue west along Mullens Road, meeting back with the Albany County Rail Trail near the western project limits (see Attachment 12). The proposed work will enhance the trail by completing the last structure to complete the 9-mile trail repurposing.

Fireman Memorial Park is an existing park located northeast of the project site, approximately 0.11 miles north on NYS Route 85. The project is not expected to have an adverse impact on the park.

Impact on Critical Environmental Areas

This project will result in no impact on Critical Environmental Areas (CEA) as the project is not located within or adjacent to a CEA.

Impact on Transportation

The Project will not result in any significant long-term impact on Transportation. The project includes the replacement of the existing Albany County Rail Trail pedestrian bridge over NY Route 85/New Scotland Road.

During construction, two-way traffic will be maintained on NY Route 85 when feasible. Temporary one-way flagging operations will be utilized to complete sidewalk, curb and pavement work on NY Route 85. Routes for emergency vehicles will be maintained and open during construction. The need to provide a detour route will be utilized during the bridge demolition and installation operations. Pedestrian access to the Albany County Rail Trail will be accommodated by a temporary offsite detour during construction.

After construction, the proposed action will enhance pedestrian access and connectivity, providing an ADA compliant sidewalk along the North side of NY Route 85 for pedestrians. The proposed action will provide an upgrade to the existing Northern sidewalk and remove the Southern sidewalk as there are no appropriate pedestrian crossing locations and the existing South sidewalk is not continuous through the project corridor.

The sidewalk improvements will provide safer and more comfortable passage for pedestrians that meet ADA standards. Removal of the southern sidewalk will allow the travel lanes to meet NYSDOT standard widths and also introduce an approximately 2.5 foot shoulder where none exists today.

The proposed work has the potential to have a minor impact on the existing parking lot located immediately east of the bridge. Impacts to the parking area due to adjustment of the trail profile will be mitigated as part of this project. Similarly, there is an existing paved connection between Mullens Road and the trail at the west approach to the bridge. The connection will be relocated due to the trail profile adjustment.

Impact on Energy

This Project will not result in any significant impact on energy. The proposed action will not require the use of existing utilities.

Impact on Noise, Odor and Light

This Project will not result in any significant impact on noise, odor and exterior lighting. The proposed action will not produce sound above noise levels established by the local regulations. Construction related noises will be temporary and will abide local noise ordinance regulations. Additionally, no outdoor lighting will be utilized during construction. Construction related odors from heavy equipment are anticipated to be minimal and temporary.

Impact on Human Health

The Project will not result in any significant impact on human health. The project site is not on or adjacent to a contaminated or remediation site. Furthermore, the project will not use, create, unearth or store hazardous substances. However, the current bridge contains lead paint. Adequate control measures will be implemented to properly remove and dispose of affected materials offsite at an appropriate disposal facility.

The proposed action is located within 1500 feet of Slingerlands Elementary school and Slingerlands Community Methodist Church. However, no adverse impacts are anticipated.

Consistency with Community Plans

The project is located within a Hamlet zoning district within the Hamlet of Slingerlands in the Town of Bethlehem, New York. The project area is entirely within New York State owned right-of-way and does not require a change in zoning.

This project is consistent with the Town of Bethlehem 2005 adopted comprehensive plan goal to Improve Mobility. The goal states: Improve mobility – the ability of people, regardless of age and status, to engage in desired activities at moderate cost to themselves and society - throughout the town. This includes strategic investments in needed highway infrastructure, improved access to public transportation and development that is supportive of public transportation, and significant enhancements to the safety and attractiveness of nonmotorized modes of travel. This project is a strategic infrastructure investment that will allow for long-term continued use of the Albany County Rail trail by pedestrians and bicyclists and will also enhance pedestrian facilities in the form of improved sidewalks along NY Route 85 under the bridge.

Consistency with Community Character

The Project will not result in any significant impact on the character of the existing community. The current Albany County Rail Trail bridge is a National Register Site listed as a contributing structure to the Slingerlands Historic District. This alternative is anticipated to blend seamlessly into the existing character of the area, while eliminating the existing safety concerns and non-standard features.

The replacement structure would be a single span bridge utilizing a two-girder system similar in appearance to the existing, supported upon stub abutments on spread footers behind the existing gravity walls that are the existing abutments, removing the existing piers along the roadway and all the other structure deficiencies of the existing structure. The design of the structure will be suitable to carry emergency vehicles equivalent to H10 rating per AASHTO along the trail if necessary and would utilize jointless details, removing the concern of accelerating the deterioration of the new substructure and bearings, making it more maintenance friendly. The superstructure will be galvanized steel, extending the design life of the steel by creating a strong corrosive barrier between the steel and the corrosive elements, i.e. deicing salts from New Scotland Road. The existing abutments / wing walls would be repaired by patching the delaminated and spalled areas and utilized as retaining walls to limit excavation and limit encroachment into surrounding properties.

The project area is located entirely within the New York State Designated Mohawk Valley Heritage Corridor. However, no impacts are anticipated.

Negative Declaration

After reviewing the Long EAF submitted herewith, together with the documentation and information provided, the Albany County Legislature hereby concludes that an Environmental Impact Statement (EIS) will not be required for the project because (a) this Action will result in no adverse environmental impacts, or (b) the identified adverse environmental impacts will not be significant (*see* 6 NYCRR § 617.7(a)(2)) and the issuance of a negative declaration under SEQRA is warranted.