

COUNTY OF SUFFOLK



STEVEN BELLONE
COUNTY EXECUTIVE

DEPARTMENT OF ECONOMIC DEVELOPMENT AND PLANNING
DIVISION OF PLANNING AND ENVIRONMENT
COUNCIL ON ENVIRONMENTAL QUALITY

Tom Gulbransen
Chairperson
CEQ

MEMORANDUM

TO: Involved/Interested Parties

FROM: ^{JC} John Corral, Environmental Projects Coordinator

DATE: March 9, 2020

RE: Proposed Improvements to CR 16, Horseblock Road, in the Vicinity of Brookhaven Waste Management Facility to CR 56, Victory Road, Town of Brookhaven

Enclosed is an Environmental Assessment Form for the above referenced County project which has been submitted to the Council on Environmental Quality (CEQ) for review. Pursuant to Title 6 NYCRR Part 617 and Chapter 450 of the Suffolk County Code, the CEQ must recommend a SEQRA classification for the action and determine whether it may have a significant adverse impact on the environment which would require the preparation of a Draft Environmental Impact Statement (DEIS).

The Council would like to know your environmental concerns regarding this proposal and whether you think a DEIS or a determination of non-significance is warranted. This project will be discussed at the **March 18, 2020** CEQ meeting. If you are unable to attend the meeting to present your views, please forward any recommendations or criticisms to this office prior the date of the meeting. **If the Council has not heard from you by the meeting date, they will assume that you feel that the action will not have significant adverse environmental impacts and should proceed accordingly.**

JC/cd
Enc.

cc: John Sohngen, Assoc. Public Health Engineer
Suffolk County Department of Health Services
Andrew P. Freleng, Chief Planner
Department of Economic Development and Planning

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

Part 1 – Environment and Setting

Instructions: Part 1 is to be completed by the applicant or project sponsor. 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. If a question is not applicable to the proposed project indicate with “N/A”.

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 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 project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information

Name of Action/Project: Improvements to CR 16, Horseblock Road, in the Vicinity of Brookhaven Waste Management Facility to CR 56, Victory Road
Project Location (specify Town, Village, Hamlet and attach general location map*): Town of Brookhaven (see attached Location Map)
Street Address: N/A (CR 16 from Brookhaven Waste Management Facility to CR 56, and including part of CR 21)
Name of Property or Waterway: CR 16 (Horseblock Road) and CR 21 (Yaphank Avenue)

* Maps of Property and Project: Attach relevant available maps including a location map (note: use road map, Hagstrom Atlas, USGS topography map, tax map or equivalent) and preliminary site plans showing orientation, scale, buildings, roads, landmarks, drainage systems, area to be altered by project, etc.

Type of Project: New Expansion

Capital Program: Item # 5511 Date Adopted: 2015 Amount: \$

<p>Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.):</p> <p>The Project will improve safety and mobility through reconfiguring the intersections of CR 16/CR 21 and CR 16/CR 56; widening the shoulder on CR 16 from east of CR 99 to CR 56, and on CR 21 from CR 16 to north of Mason St; constructing ADA-compliant pedestrian accommodations along the north side of CR 16 and west side of CR 21; and providing geometric and traffic signal improvements to the intersect of CR 16 with the Town of Brookhaven Landfill. Road signage and striping will also be provided. The Project will improve drainage through cleaning of existing drainage structures and construction of new drainage infrastructure along CR 16, including use of two existing recharge basins at the intersection of CR 16 and CR 21.</p> <p>Please refer to the attached Project Narrative for additional information and details.</p>

Project Status:

	Start	Completion
Proposal		2015
Study		.
Preliminary Planning		2015
Final Plans: Specs		ETC 8/27/2020
Site Acquisition		.
Construction	ETS 2021	ETC 2021
Other		

Departments Involved:

Dept. Performing Design & Construction

Initiating Dept. (if different)

Name:	Dept. of Public Works	(same)
Street/PO:	335 Yaphank Avenue	
City, State:	Yaphank, NY	
Zip:	11980	
Contact Person:	Erik Bergey, P.E.	
Business Phone:	631-852-5377	
Email:	erik.bergey@suffolkcountyny.gov	

B. Government Approvals, Funding or Sponsorship

("Funding" includes grants, loans, tax relief and any other forms of financial assistance)

Government Entity	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	If "Yes": Identify Agency and Approval(s) Required	Application Date (Actual or Projected)				
<i>i.</i> City Council, Town Board or Village Board of Trustees	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
<i>ii.</i> City, Town or Village Planning Board or Commission	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
<i>iii.</i> City, Town or Village Zoning Board of Appeals	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
<i>iv.</i> Other local agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Town of Brookhaven - land acquisition					
<i>v.</i> County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	CEQ - SEQRA Review					
<i>vi.</i> Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
<i>vii.</i> State agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NYSDEC - SPDES Construction Permit NYSDOT - Highway Work Permit LIPA(PSEG) - Utility Work					
<i>viii.</i> Federal agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
<i>ix.</i> Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway? If YES, <table border="1" style="width: 100%;"> <tr> <td>Is the project site located in a community with an approved Local Waterfront Revitalization Program?</td> <td>Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Is the project site within a Coastal Erosion Hazard Area?</td> <td>Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>				Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input type="checkbox"/>							
Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input type="checkbox"/>							

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 <input type="checkbox"/> No <input checked="" type="checkbox"/>
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? If Yes: Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)? If Yes, identify the plan(s): Watershed Improvement Strategy: 27 LI Shellfish Watersheds (POC: pathogens); Groundwater Management Zone VI	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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? If Yes, identify the plan(s): 	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance? If Yes, what is the zoning classification(s) including any applicable overlay district? Brookhaven A1/A2 residential, L1 industrial, and J2 business zoning are present along the Project site.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Is the use permitted or allowed by a special or conditional use permit?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Is a zoning change requested as part of the proposed action? If Yes, what is the proposed new zoning for the site? 	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.4. Existing Community Services	
a. In what school district is the project site located? South Country CSD	
b. What police or other public protection forces serve the project site? Suffolk County Police, Suffolk County Sherriff	
c. Which fire protection and emergency medical services serve the project site? Brookhaven Fire District, South Country Ambulance	
d. What parks serve the project site? Wertheim National Wildlife Refuge (south of site), Southaven County Park (east of site)	

D. Project Details

D.1. Proposed and Potential Development							
<p>a. What is the general nature of the proposed action? (if mixed, include all components)</p> <p>Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input checked="" type="checkbox"/>: roadway and drainage improvements</p>							
<p>b. Total acreage of the site of the proposed action:</p>	20.47 acres						
<p>c. Total acreage to be physically disturbed:</p>	13+/- acres						
<p>d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor: Value listed for Suffolk County owned CR 16, CR 21, and CR 56. No adjacent sites are owned/controlled by SC.</p>	200+ acres						
<p>e. Is the proposed action an expansion of an existing project or use?</p> <p>If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)?</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Expansion of roadway by 1.6 +/- acres for safety and mobility. Please refer to Project Narrative.</div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>						
<p>f. Is the proposed action a subdivision, or does it include a subdivision?</p> <p>If Yes:</p> <p>i. Purpose or type of subdivision? (if mixed, specify types) Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input type="checkbox"/></p> <p>ii.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="padding: 2px;">Is a cluster/conservation layout proposed?</td> <td style="text-align: center; padding: 2px;">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Number of lots proposed:</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Minimum and maximum proposed lot sizes:</td> <td style="padding: 2px;"></td> </tr> </table>	Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Number of lots proposed:		Minimum and maximum proposed lot sizes:		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>						
Number of lots proposed:							
Minimum and maximum proposed lot sizes:							
<p>g. Will proposed action be constructed in multiple phases?</p> <p>If No, What is the anticipated period of construction?</p> <div style="border: 1px solid black; height: 20px; margin-top: 5px;"></div> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Total number of phases anticipated: 4</div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Anticipated commencement date of phase I (including demolition): 2020 - Bid and project to commence upon receipt of all required permits.</div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Anticipated completion date of final phase: Dependent on construction funding.</div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: Phase 1 - Base Bid - everything east and north of STA 42+00 +/- (west of deli entrance) Phase 2 - STA 10+00 to STA 22+00 Phase 3 - STA 22+00 to 32+00 Phase 4 - STA 32+00 to 42+00</div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>						

D.2.a (cont.) – only answer following if checked “Yes” above

Will there be onsite dewatering or processing of excavated materials?

If Yes, describe:

What is the total area to be dredged or excavated?

What is the maximum area to be worked at any one time?

What would be the maximum depth of excavation or dredging?

Will the excavation require blasting?

Summarize site reclamation goals and plans:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, water body, shoreline, beach or adjacent area?

If Yes:

Identify the wetland or water body which would be affected (by name, water index number, wetland map number or geographic description):

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

Will proposed action cause or result in disturbance to bottom sediments?

If Yes, describe:

Will proposed action cause or result in the destruction or removal of aquatic vegetation?

Yes No

If Yes:

Area of vegetation proposed to be removed:

Expected acreage of aquatic vegetation remaining after project completion:

Purpose of proposed removal (e.g., beach clearing, invasive control, boat access):

Proposed method of plant removal:

If chemical/herbicide treatment will be used, specify product(s):

Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use or create a new demand for water?

If Yes:

Total anticipated water usage/demand per day:

Will the proposed action obtain water from an existing public water supply?

If Yes:

Name of district/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

Will line extension within an existing district be necessary to supply the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Source(s) of supply for the district:

Yes No

Is a new water supply district or service area proposed to be formed to serve the project site?

If Yes:

Applicant/sponsor for new district:

Date application submitted or anticipated:

Proposed source(s) of supply for new district:

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

If water supply will be from wells (public or private), what will be the maximum pumping capacity?

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day:

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

If sanitary wastewater identify proposed disinfection technology and treatment goals for the following:

- Disinfection technology:
- Nitrogen:
- Phosphorus:
- Total Suspended Solids (TSS):
- Biological Oxygen Demand (BOD):

Will the proposed action use any existing public wastewater treatment facilities?

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 line extension within an existing district be necessary to serve the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Will a new wastewater (sewage) treatment district be formed to serve the project site?

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

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):

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

Yes No

<p>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?</p> <p>If Yes:</p> <p>How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: 11.14 acres (existing impervious 9.53 acres) Area of Parcel: 20.47 acres (study/work area)</p> <p>Describe types of new point sources:</p> <p>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)? Stormwater will be directed to onsite stormwater management facilities (leaching structures and recharge basins). Please refer to Project Narrative for additional information, and Site Plan for details.</p> <p>If to surface waters, identify receiving water bodies or wetlands: No surface water discharge is proposed.</p> <p>Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Roadway project minimizes proposed impervious surfaces to those necessary for improved safety and mobility. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>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?</p> <p>If Yes, identify:</p> <p>Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles):</p> <p>Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):</p> <p>Stationary sources during operations (e.g., process emissions, large boilers, electric generation):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <p>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 <input type="checkbox"/> No <input type="checkbox"/></p> <p>In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) 	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Estimate methane generation in tons/year (metric):</td> </tr> <tr> <td>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</td> </tr> </table>	Estimate methane generation in tons/year (metric):	Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Estimate methane generation in tons/year (metric):										
Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):										
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes such as quarry or landfill operations?</p> <p>If Yes, describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p> <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
<p>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?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>When is the peak traffic expected? (check all that apply)</td> </tr> <tr> <td>Morning <input type="checkbox"/>; Evening <input type="checkbox"/>; Weekend <input type="checkbox"/>; Randomly <input type="checkbox"/> between the hours of _____ to _____</td> </tr> <tr> <td>For commercial activities only, projected number of semi-trailer truck trips/day:</td> </tr> <tr> <td>Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____</td> </tr> <tr> <td>Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</td> </tr> <tr> <td>Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	When is the peak traffic expected? (check all that apply)	Morning <input type="checkbox"/> ; Evening <input type="checkbox"/> ; Weekend <input type="checkbox"/> ; Randomly <input type="checkbox"/> between the hours of _____ to _____	For commercial activities only, projected number of semi-trailer truck trips/day:	Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____	Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/>	If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:	Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/>	Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/>	Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
When is the peak traffic expected? (check all that apply)										
Morning <input type="checkbox"/> ; Evening <input type="checkbox"/> ; Weekend <input type="checkbox"/> ; Randomly <input type="checkbox"/> between the hours of _____ to _____										
For commercial activities only, projected number of semi-trailer truck trips/day:										
Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____										
Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/>										
If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:										
Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/>										
Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/>										
Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/>										
<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Estimate annual electricity demand during operation of the proposed action:</td> </tr> <tr> <td>Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):</td> </tr> <tr> <td>Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Estimate annual electricity demand during operation of the proposed action:	Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):	Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						
Estimate annual electricity demand during operation of the proposed action:										
Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):										
Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/>										

<p>1. Hours of operation (Answer all items which apply)</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">During Construction</th> <th style="width: 50%;">During Operations</th> </tr> </thead> <tbody> <tr> <td>Monday-Friday: 7:00 am - 3:00 pm (construction)</td> <td>Monday-Friday:</td> </tr> <tr> <td>Saturday:</td> <td>Saturday:</td> </tr> <tr> <td>Sunday:</td> <td>Sunday:</td> </tr> <tr> <td>Holidays:</td> <td>Holidays:</td> </tr> </tbody> </table> <p>Note: Roadways to be accessible to the public 24 hrs/day, 7 days/week.</p>	During Construction	During Operations	Monday-Friday: 7:00 am - 3:00 pm (construction)	Monday-Friday:	Saturday:	Saturday:	Sunday:	Sunday:	Holidays:	Holidays:	N/A <input type="checkbox"/>
During Construction	During Operations										
Monday-Friday: 7:00 am - 3:00 pm (construction)	Monday-Friday:										
Saturday:	Saturday:										
Sunday:	Sunday:										
Holidays:	Holidays:										
<p>m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Provide details including sources, time of day and duration: Temporary construction related noise 7:00 am - 3:00 pm, M-F. No permanent increase in noise due to project.</td> </tr> <tr> <td>Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:</td> </tr> </table>	Provide details including sources, time of day and duration: Temporary construction related noise 7:00 am - 3:00 pm, M-F. No permanent increase in noise due to project.	Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								
Provide details including sources, time of day and duration: Temporary construction related noise 7:00 am - 3:00 pm, M-F. No permanent increase in noise due to project.											
Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:											
<p>n. Will the proposed action have outdoor lighting?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: Note: Existing street lights connected to utility poles to remain.</td> </tr> <tr> <td>Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:</td> </tr> </table>	Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: Note: Existing street lights connected to utility poles to remain.	Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: Note: Existing street lights connected to utility poles to remain.											
Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:											
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:</td> </tr> </table>	Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>									
Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:											
<p>p. Will the proposed action include any bulk storage of petroleum (over 1,100 gallons) or chemical products (over 550 gallons)?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Product(s) to be stored:</td> </tr> <tr> <td>Volume(s): per unit time: (e.g., month, year)</td> </tr> <tr> <td>Generally describe proposed storage facilities:</td> </tr> </table>	Product(s) to be stored:	Volume(s): per unit time: (e.g., month, year)	Generally describe proposed storage facilities:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Product(s) to be stored:											
Volume(s): per unit time: (e.g., month, year)											
Generally describe proposed storage facilities:											
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe proposed treatment(s):</td> </tr> <tr> <td>Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Describe proposed treatment(s):	Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
Describe proposed treatment(s):											
Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>											

<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Describe any solid waste(s) to be generated during construction or operation of the facility:</td> </tr> <tr> <td style="width: 20%;">Construction:</td> <td>tons per _____ (unit of time)</td> </tr> <tr> <td>Operation:</td> <td>tons per _____ (unit of time)</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</td> </tr> <tr> <td style="width: 20%;">Construction:</td> <td>_____</td> </tr> <tr> <td>Operation:</td> <td>_____</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Proposed disposal methods/facilities for solid waste generated on-site:</td> </tr> <tr> <td style="width: 20%;">Construction:</td> <td>_____</td> </tr> <tr> <td>Operation:</td> <td>_____</td> </tr> </table>	Describe any solid waste(s) to be generated during construction or operation of the facility:		Construction:	tons per _____ (unit of time)	Operation:	tons per _____ (unit of time)	Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:		Construction:	_____	Operation:	_____	Proposed disposal methods/facilities for solid waste generated on-site:		Construction:	_____	Operation:	_____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Describe any solid waste(s) to be generated during construction or operation of the facility:																			
Construction:	tons per _____ (unit of time)																		
Operation:	tons per _____ (unit of time)																		
Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:																			
Construction:	_____																		
Operation:	_____																		
Proposed disposal methods/facilities for solid waste generated on-site:																			
Construction:	_____																		
Operation:	_____																		
<p>s. Does the proposed action include construction or modification of a solid waste management facility?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):</td> </tr> <tr> <td>Anticipated rate of disposal/processing:</td> </tr> <tr> <td style="text-align: center;">_____ tons/month, if transfer or other non-combustion/thermal treatment, or</td> </tr> <tr> <td style="text-align: center;">_____ tons/hour, if combustion or thermal treatment</td> </tr> <tr> <td>If landfill, anticipated site life: _____ years</td> </tr> </table>	Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):	Anticipated rate of disposal/processing:	_____ tons/month, if transfer or other non-combustion/thermal treatment, or	_____ tons/hour, if combustion or thermal treatment	If landfill, anticipated site life: _____ years	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>													
Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):																			
Anticipated rate of disposal/processing:																			
_____ tons/month, if transfer or other non-combustion/thermal treatment, or																			
_____ tons/hour, if combustion or thermal treatment																			
If landfill, anticipated site life: _____ years																			
<p>t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:</td> </tr> <tr> <td>Generally describe processes or activities involving hazardous wastes or constituents:</td> </tr> <tr> <td>Specify amount to be handled or generated: _____ tons/month</td> </tr> <tr> <td>Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:</td> </tr> <tr> <td>Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>If Yes: Provide name and location of facility: _____</td> </tr> <tr> <td>If No: Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____</td> </tr> </table>	Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:	Generally describe processes or activities involving hazardous wastes or constituents:	Specify amount to be handled or generated: _____ tons/month	Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:	Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes <input type="checkbox"/> No <input type="checkbox"/>	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: _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											
Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:																			
Generally describe processes or activities involving hazardous wastes or constituents:																			
Specify amount to be handled or generated: _____ tons/month																			
Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:																			
Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes <input type="checkbox"/> No <input type="checkbox"/>																			
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: _____																			

<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes: <input type="text" value="Describe proposed green building methods and attempted level of certification, if any:"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain: <input type="text"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation: <input type="text" value="Landscape design is in progress, and will utilize native species based on habitat characteristics and suitability"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain: <input type="text"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

E. Site and Setting of Proposed Action

<p>E.1. Land Uses on and Surrounding the Project Site</p>																																											
<p>a. Existing land uses (Check all uses the occur on, adjoining and near the project site): (include map)</p> <p>Urban <input type="checkbox"/> Industrial <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Rural <input type="checkbox"/> Forest <input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other <input type="checkbox"/> Specify:</p> <p>If mix of uses, generally describe:</p>																																											
<p>b. Land uses and cover types on the project site:</p>																																											
<table border="1"> <thead> <tr> <th>Land Use or Cover Type</th> <th>Current Acreage</th> <th>Acreage After Project Completion</th> <th>Change (Acres +/-)</th> </tr> </thead> <tbody> <tr> <td>Roads, buildings and other paved or impervious surfaces</td> <td>9.53</td> <td>11.14</td> <td>+ 1.61</td> </tr> <tr> <td>Forested</td> <td colspan="2">Road expansion to impact 1 +/- acre of forest edge on the south side of CR 16.</td> <td>- 1 +/-</td> </tr> <tr> <td>Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)</td> <td colspan="2">Road expansion will impact 0.1 +/- acre on the south side of CR 16.</td> <td>- 0.1 +/-</td> </tr> <tr> <td>Agricultural (includes active orchards, fields, greenhouse, etc.)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Surface water features (lakes, ponds, streams, rivers, etc.)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wetlands (freshwater or tidal)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Non-Vegetated (bare rock, earth or fill)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other Describe: mowed lawn/maintenance areas</td> <td>9.84 +/-</td> <td>9.33 +/-</td> <td>- 0.51 +/-</td> </tr> <tr> <td style="text-align: right;">TOTAL:</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Land Use or Cover Type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)	Roads, buildings and other paved or impervious surfaces	9.53	11.14	+ 1.61	Forested	Road expansion to impact 1 +/- acre of forest edge on the south side of CR 16.		- 1 +/-	Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	Road expansion will impact 0.1 +/- acre on the south side of CR 16.		- 0.1 +/-	Agricultural (includes active orchards, fields, greenhouse, etc.)				Surface water features (lakes, ponds, streams, rivers, etc.)				Wetlands (freshwater or tidal)				Non-Vegetated (bare rock, earth or fill)				Other Describe: mowed lawn/maintenance areas	9.84 +/-	9.33 +/-	- 0.51 +/-	TOTAL:						
Land Use or Cover Type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)																																								
Roads, buildings and other paved or impervious surfaces	9.53	11.14	+ 1.61																																								
Forested	Road expansion to impact 1 +/- acre of forest edge on the south side of CR 16.		- 1 +/-																																								
Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	Road expansion will impact 0.1 +/- acre on the south side of CR 16.		- 0.1 +/-																																								
Agricultural (includes active orchards, fields, greenhouse, etc.)																																											
Surface water features (lakes, ponds, streams, rivers, etc.)																																											
Wetlands (freshwater or tidal)																																											
Non-Vegetated (bare rock, earth or fill)																																											
Other Describe: mowed lawn/maintenance areas	9.84 +/-	9.33 +/-	- 0.51 +/-																																								
TOTAL:																																											

<p>c. Is the project site presently used by members of the community for public recreation?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers or group homes) within 1,500 feet of the project site?</p> <p>If Yes, identify facilities:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> - Dam height: feet - Dam length: feet - Surface area: acres - Volume impounded: gallons or acre-feet </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Dam's existing hazard classification:</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Provide date and summarize results of last inspection:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Has the facility been formally closed? Yes <input type="checkbox"/> No <input type="checkbox"/> N/A - waste management facility is adjacent to project, not within project.</p> <p>If Yes, cite sources/documentation:</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Describe the location of the project site relative to the boundaries of the solid waste management facility: Brookhaven Waste Management is located south of CR 16 in the Project area, with its entrance off CR 16.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Describe any development constraints due to the prior solid waste activities: None, as the Project is not within the waste management facility. Project will improve the entrance to the facility. Please refer to Project Narrative for additional information.</p> </div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

h. Has there been a reported contamination spill at the proposed project site or have any remedial actions been conducted at or adjacent to the proposed site?

If Yes:

Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply)

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

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

Neither database

If site has been subject to RCRA corrective activities, describe control measures:

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

If Yes:

DEC ID number(s):

Describe current status of site(s):

Yes No

E.1.h. (cont.) – only answer following if checked “Yes” above

Is the project site subject to an institutional control limiting property uses?

If Yes:

DEC site ID number(s):

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:
> 500 feet

b. Are there bedrock outcroppings on the project site?

If Yes:

What proportion of the site is comprised of bedrock outcroppings?
%

Yes No

c. Predominant soil type(s) present on project site: (include map)

1. Riverhead sandy loam (RdA)	94 % of site
2. Haven loam (HaA)	5 % of site
3. Riverhead and Haven soils (RhB)	1 % of site
4.	% of site

d. What is the average depth to the water table on the project site? 10-15 feet along CR 16

e. Drainage status of project site soils:

1.	<input checked="" type="checkbox"/> Well Drained	100	% of site
2.	<input type="checkbox"/> Moderately Well Drained		% of site
3.	<input type="checkbox"/> Poorly Drained		% of site

f. Approximate proportion of proposed action site with slopes: (include topographic map)

1.	<input checked="" type="checkbox"/> 0-10%	85	% of site
2.	<input checked="" type="checkbox"/> 11-15%	15	% of site
3.	<input type="checkbox"/> 16% or greater		% of site

g. Are there any unique geologic features on the project site?

If Yes, describe:

Yes No

h. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?

Yes No

i. Do any wetlands or other waterbodies adjoin the project site?
Closest wetlands are associated with Yaphank Creek, approx. 1,000 feet east of the Project site.

Yes No

If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m

j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)

Yes No

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

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

l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies?

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

Yes No

m. Is the project site in a designated floodway?

Yes No

n. Is the project site in the 100 year floodplain?

Yes No

o. Is the project site in the 500 year floodplain?

Yes No

p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer?

If Yes:

Name of aquifer:	Nassau/Suffolk SSA (Upper Glacial, Magothy, & Lloyd aquifers)
Source of information:	NYSDEC, USGS

Yes No

q. Identify the predominant wildlife species that occupy or use the project site:	
Please refer to Project Narrative.	
Generally, species present are those adapted to disturbed and edge habitats.	
r. Does the project site contain a designated significant natural community?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If Yes: Describe the habitat/community (composition, function and basis for designation): <hr/> Source(s) of description or evaluation: <hr/> Extent of community/habitat: - Currently: acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres	
s. 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 <input type="checkbox"/> No <input checked="" type="checkbox"/>
If Yes: Please refer to Project Narrative for a discussion of listed species. Species and listing (endangered or threatened): <hr/> Nature of use of site by the species (e.g., resident, seasonal, transient): <hr/>	
t. Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If Yes: Species and listing: <hr/> Nature of use of site by the species (e.g., resident, seasonal, transient): <hr/>	
u. Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If Yes, give a brief description of how the proposed action may affect that use: <hr/>	
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 <input type="checkbox"/> No <input checked="" type="checkbox"/>
If Yes, provide county plus district name/number: <hr/>	
b. Are agricultural lands consisting of highly productive soils present?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If Yes: Acreage(s) on project site: <hr/> Source(s) of soil rating(s): <hr/>	

<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark?</p> <p>If Yes:</p> <table border="1" data-bbox="142 226 1312 369"> <tr> <td data-bbox="142 226 1312 264">Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature</td> </tr> <tr> <td data-bbox="142 264 1312 369">Provide brief description of landmark, including values behind designation and approximate size/extent:</td> </tr> </table>	Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature	Provide brief description of landmark, including values behind designation and approximate size/extent:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature				
Provide brief description of landmark, including values behind designation and approximate size/extent:				
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas?</p> <p>If Yes:</p> <table border="1" data-bbox="142 537 1312 646"> <tr> <td data-bbox="142 537 1312 575">CEA name:</td> </tr> <tr> <td data-bbox="142 575 1312 613">Basis for designation:</td> </tr> <tr> <td data-bbox="142 613 1312 646">Designating agency and date:</td> </tr> </table>	CEA name:	Basis for designation:	Designating agency and date:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
CEA name:				
Basis for designation:				
Designating agency and date:				
<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places?</p> <p>If Yes:</p> <table border="1" data-bbox="142 848 1312 991"> <tr> <td data-bbox="142 848 1312 886">Nature of historic/archaeological resource: <input type="checkbox"/> Archeological Site; <input type="checkbox"/> Historic Building or district</td> </tr> <tr> <td data-bbox="142 886 1312 924">Name:</td> </tr> <tr> <td data-bbox="142 924 1312 991">Brief description of attributes on which listing is based:</td> </tr> </table>	Nature of historic/archaeological resource: <input type="checkbox"/> Archeological Site; <input type="checkbox"/> Historic Building or district	Name:	Brief description of attributes on which listing is based:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Nature of historic/archaeological resource: <input type="checkbox"/> Archeological Site; <input type="checkbox"/> Historic Building or district				
Name:				
Brief description of attributes on which listing is based:				
<p>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?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>			
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <table border="1" data-bbox="142 1226 1312 1297"> <tr> <td data-bbox="142 1226 1312 1264">Describe possible resource(s):</td> </tr> <tr> <td data-bbox="142 1264 1312 1297">Basis for identification:</td> </tr> </table>	Describe possible resource(s):	Basis for identification:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
Describe possible resource(s):				
Basis for identification:				
<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource?</p> <p>If Yes:</p> <table border="1" data-bbox="142 1465 1312 1608"> <tr> <td data-bbox="142 1465 1312 1503">Identify resource:</td> </tr> <tr> <td data-bbox="142 1503 1312 1570">Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</td> </tr> <tr> <td data-bbox="142 1570 1312 1608">Distance between project and resource:</td> </tr> </table>	Identify resource:	Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):	Distance between project and resource:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Identify resource:				
Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):				
Distance between project and resource:				
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666?</p> <p>If Yes:</p> <table border="1" data-bbox="142 1772 1312 1881"> <tr> <td data-bbox="142 1772 1312 1810">Identify the name of the river and its designation:</td> </tr> <tr> <td data-bbox="142 1810 1312 1881">Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Identify the name of the river and its designation:	Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
Identify the name of the river and its designation:				
Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/>				

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: Erik Bergey, P.E.
Suffolk County DPW

Date:

Signature: _____

Title: Senior Civil Engineer

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

Part 2 – Identification of Potential Project Impacts

Instructions: Part 2 is to be completed by the lead agency. It 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.

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 section.
- 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.

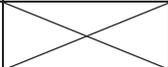
1. Impact on Land			
The proposed action may involve construction on, or physical alteration of the land surface of the proposed site. (See Part 1.D.1)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If “YES”, answer questions a-h. If “NO”, move on to Section 2.</i>			
	Relevant Part 1 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.	E.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may involve construction on slopes of 15% or greater.	E.2.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E.2.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D.2.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D.2.e D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B.ix	<input checked="" type="checkbox"/>	<input type="checkbox"/>

h. Other impacts:	☒	<input checked="" type="checkbox"/>	<input type="checkbox"/>
-------------------	--------------	-------------------------------------	--------------------------

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) <i>If "YES", answer questions a-c. If "NO", move on to Section 3.</i>			
		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s):	E.2.g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature:	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>

3. Impact 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) <i>If "YES", answer questions a-l. If "NO", move on to Section 4.</i>			
		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body	D.1.j D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D.2.a	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.h E.2.i	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D.2.a D.2.h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D.2.q E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D.1.a D.2.d	<input type="checkbox"/>	<input type="checkbox"/>

1. Other impacts:		<input checked="" type="checkbox"/>	<input type="checkbox"/>
-------------------	--	-------------------------------------	--------------------------

4. Impact on Groundwater The proposed action may result in new or additional use of groundwater, or may have the potential to introduce contaminants to groundwater or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If "YES", answer questions a-h. If "NO", move on to Section 5.</i>			
		YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
	Relevant Part 1 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.	D.2.c <input checked="" type="checkbox"/>	<input type="checkbox"/>
b.	Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D.2.c <input checked="" type="checkbox"/>	<input type="checkbox"/>
c.	The proposed action may allow or result in residential uses in areas without water and sewer services.	D.1.a D.2.c – D.2.d <input checked="" type="checkbox"/>	<input type="checkbox"/>
d.	The proposed action may include or require wastewater discharged to groundwater.	D.2.d E.2.p <input checked="" type="checkbox"/>	<input type="checkbox"/>
e.	The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D.2.c E.1.f – E.1.h <input checked="" type="checkbox"/>	<input type="checkbox"/>
f.	The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D.2.p E.2.p <input checked="" type="checkbox"/>	<input type="checkbox"/>
g.	The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	D.2.q E.2.h – E.2.l E.2.p D.2.c <input checked="" type="checkbox"/>	<input type="checkbox"/>
h.	Other impacts: Potential for contaminants from use of the roadway to infiltrate into groundwater over sole-source aquifer.	 <input checked="" type="checkbox"/>	<input type="checkbox"/>

5. Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1.E.2) <i>If "YES", answer questions a-g. If "NO", move on to Section 6.</i>			
		YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
	Relevant Part 1 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.	E.2.m <input checked="" type="checkbox"/>	<input type="checkbox"/>
b.	The proposed action may result in development within a 100 year floodplain.	E.2.n <input checked="" type="checkbox"/>	<input type="checkbox"/>
c.	The proposed action may result in development within a 500 year floodplain.	E.2.o <input checked="" type="checkbox"/>	<input type="checkbox"/>
d.	The proposed action may result in, or require, modification of existing drainage patterns.	D.2.b D.2.e <input checked="" type="checkbox"/>	<input type="checkbox"/>
e.	The proposed action may change flood water flows that contribute to flooding.	D.2.b E.2.m – E.2.o <input checked="" type="checkbox"/>	<input type="checkbox"/>
f.	If there is a dam located on the site of the proposed action, the dam has failed to meet one or more safety criteria on its most recent inspection.	E.1.e <input checked="" type="checkbox"/>	<input type="checkbox"/>

g. Other impacts:		<input checked="" type="checkbox"/>	<input type="checkbox"/>
-------------------	--	-------------------------------------	--------------------------

6. Impact 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) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-f. If "NO", move on to Section 7.</i>			
	Relevant Part 1 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 (CO2) ii. More than 3.5 tons/year of nitrous oxide (N2O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF6) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HCFCs) emissions vi. 43 tons/year or more of methane	D.2.g D.2.g D.2.g D.2.g D.2.g D.2.h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
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.	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.2.f D.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any two or more of the thresholds in "a" through "c", above.	D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1.E.2.q – E.2.u) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-j. If "NO", move on to Section 8.</i>			
	Relevant Part 1 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.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>

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.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.q	<input type="checkbox"/>	<input type="checkbox"/>
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:	E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D.2.q	<input type="checkbox"/>	<input type="checkbox"/>
j. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources.

(See Part 1.E.3.a & E.3.b)

YES NO

If "YES", answer questions a-h. If "NO", move on to Section 9.

	Relevant Part 1 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.	E.2.c E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.b E.3.a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C.2.c, C.3 D.2.c, D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C.2.c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

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. (See Part 1.E.1.a, E.1.b, E.3.h)

YES NO

If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.

	Relevant Part 1 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.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	C.2.b E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
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)	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
ii. Year round	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
d. The situation or activity in which viewers are engaged while viewing the proposed action is:	E.3.h		
i. Routine travel by residents, including travel to and from work	E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
ii. Recreational or tourism based activities	E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
f. There are similar projects visible within the following distance of the proposed project:			
0 – ½ mile	D.1.a	<input type="checkbox"/>	<input type="checkbox"/>
½ – 3 mile	D.1.h	<input type="checkbox"/>	<input type="checkbox"/>
3 – 5 mile	D.1.i	<input type="checkbox"/>	<input type="checkbox"/>
5+ mile	E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

10. Impact on Historic and Archeological Resources

The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g)

YES NO

If "YES", answer questions a-e. If "NO", move on to Section 11.

	Relevant Part 1 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 or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.3.f	<input type="checkbox"/>	<input type="checkbox"/>

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:	E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
e. If any of the above (a-d) are answered "Yes", 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.	E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property's setting or integrity.	E.1.a, E.1.b E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
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.	C2, C3 E.3.g, E.3.h	<input type="checkbox"/>	<input type="checkbox"/>

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.u)

YES NO

If "YES", answer questions a-e. If "NO", move on to Section 12.

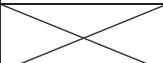
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, and wildlife habitat.	D.2.e, E.1.b E.2.h – E.2.l E.2.q – E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C.2.c, E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

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)

YES NO

If "YES", answer questions a-c. If "NO", move on to Section 13.

	Relevant Part 1 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.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j)

YES NO

If "YES", answer questions a-f. If "NO", move on to Section 14.

	Relevant Part 1 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.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations. Project will create pedestrian and shared use accommodations.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: Purpose of project is to increase safety and mobility of CR within Project area.		<input checked="" type="checkbox"/>	<input type="checkbox"/>

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k)

YES NO

If "YES", answer questions a-e. If "NO", move on to Section 15.

	Relevant Part 1 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.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.1.h D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

15. Impact on Noise, Odor and Light

The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o)

YES NO

If "YES", answer questions a-f. If "NO", move on to Section 16.

	Relevant Part 1 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.	D.2.m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input checked="" type="checkbox"/>	<input type="checkbox"/>

d. The proposed action may result in light shining onto adjoining properties.	D.2.n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: Increase in noise during construction of the Project.	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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, E.1.f, E.1.g, E.1.h)

YES NO

If "YES", answer questions a-m. If "NO", move on to Section 17.

	Relevant Part 1 Question(s)	No, or small impact may occur	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.	E.1.d	<input type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
c. There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
d. The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.2.t	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.f – E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
m. Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. (See Part 1.C.1, C.2, C.3)

YES NO

If "YES", answer questions a-h. If "NO", move on to Section 18.

	Relevant Part 1 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).	C.2, C.3, D.1.a, E.1.a, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
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%.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
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.	C.3 D.1.e, D.1.f, D.1.h, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C.4, D.2.c, D.2.d, D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C.2.a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

18. Consistency with Community Character			
The proposed action is inconsistent with the existing community character (See Part 1.C.2, C.3, D.2, E.3)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-g. If "NO", move on to Part 3.</i>			
	Relevant Part 1 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.	E.3.e, E.3.f, E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C.4	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C.2, C.3, D.1.h, D.1.i, E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C.2, E.3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C.2, C.3, E.1.a, E.1.b, E.2.g – E.2.1	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

**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.

**Determination of Significance
Type 1 and Unlisted Actions**

SEQR Status: Type I 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 _____ 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:

Name of Lead Agency:

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer in Lead Agency:

Signature of Responsible Officer in Lead Agency:

Date:

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person:

Address:

Telephone Number:

Email:

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 (Town/City/Village)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

**SUFFOLK COUNTY
ENVIRONMENTAL ASSESSMENT FORM**

**Appendix A
Suffolk County Historic Trust**

**Application for Determination of Appropriateness for Alteration to
Suffolk County Historic Trust Landmark or Site**

1. APPLICANT

Agency:
Contact Person:
Address:
Telephone:

2. PROPERTY

Structure Name:
Location:
Historic Trust Status: Designated; Eligible
Use Category:
Current Use:
Proposed Use:
Is the structure listed on or eligible for the National Register of Historic Places? Yes; No

3. PROPOSED WORK

Scope of Work:
Reason for Work:
Architect/Engineer:
Contractor:
Construction Schedule:

4. FUNDING

Estimated Cost of Project:
Source(s) of Funding:

5. PROPERTY HISTORY

Date of Original Construction:
Original Architect/Builder:
History of Use:
History of Alterations:

6. SUBMISSIONS (check all that apply)

<input type="checkbox"/> Map	<input type="checkbox"/> Specifications	<input type="checkbox"/> Samples
<input type="checkbox"/> Drawings	<input type="checkbox"/> Environmental Assessment Form	<input type="checkbox"/> Other:
<input type="checkbox"/> HP-1 Form	<input type="checkbox"/> Photographs	

7. RELATED INFORMATION AND COMMENT:

The Suffolk County Historic Trust is hereby requested to review the scope of work proposed for the above mentioned landmark structure, owned by the County of Suffolk, New York, to determine the appropriateness of design and/or use as regulated by the Suffolk County Charter. Design review guidelines have been made available for reference and it is understood that submission or approval of this application does not relieve applicant's responsibility for securing any and all other permits and approvals as required by law.

**SUFFOLK COUNTY
ENVIRONMENTAL ASSESSMENT FORM**

**Appendix B
Visual EAF Addendum**

This form may be used to provide additional information relating to Question 9 of Part 1 of the Full Environmental Assessment Form

VISIBILITY

1. Would the project be visible from:	Distance Between Project and Resource (in miles)				
	0 - 1/4	1/4 - 1/2	1/2 - 3	3-5	5+
a. A parcel of land which is dedicated to and available to the public for the use, enjoyment and appreciation of natural or man-made scenic qualities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. An overlook or parcel of land dedicated to public observation, enjoyment and appreciation of natural or man-made scenic qualities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. A site or structure listed on the National or State Registers of Historic Places	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. State Parks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. The State Forest Preserve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. National Wildlife Refuges and State Game Refuges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. National Natural Landmarks and other outstanding natural features	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. National Park Service lands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Rivers designated as National or State Wild, Scenic or Recreational	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Any transportation corridor of high exposure, such as part of the Interstate System or Amtrak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. A governmentally established or designated interstate or inter-county foot trail, or one formally proposed for establishment or designation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. A site, area, lake, reservoir or highway designated as scenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Municipal park or designated open space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. County road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. State road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Local road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Is the visibility of the project seasonal? (i.e., screened by summer foliage but visible during other seasons)
 Yes No

3. Are any of the resources checked in question 1 used by the public during the time of year during which the project will be visible?
 Yes No

DESCRIPTION OF EXISTING VISUAL ENVIRONMENT

4. From each item checked in question 1, check those which generally describe the surrounding environment.

	Within	
	¼ mile*	1 mile*
Essentially undeveloped	<input type="checkbox"/>	<input type="checkbox"/>
Forested	<input type="checkbox"/>	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>	<input type="checkbox"/>
Suburban Residential	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	<input type="checkbox"/>	<input type="checkbox"/>
Urban	<input type="checkbox"/>	<input type="checkbox"/>
River, Lake, Pond	<input type="checkbox"/>	<input type="checkbox"/>
Cliffs, Overlooks	<input type="checkbox"/>	<input type="checkbox"/>
Designated Open Space	<input type="checkbox"/>	<input type="checkbox"/>
Flat	<input type="checkbox"/>	<input type="checkbox"/>
Hilly	<input type="checkbox"/>	<input type="checkbox"/>
Mountainous	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: Add attachments as needed.

5. Are there visually similar projects within*:
 ½ mile: Yes No 1 mile: Yes No 2 miles: Yes No 3 miles: Yes No

* Distance from project site is provided for assistance. Substitute other distances as appropriate.

EXPOSURE

6. The annual number of viewers likely to observe the proposed project is:

NOTE: When user data is unavailable or unknown, use best estimate.

CONTEXT

7. The situation or activity in which the viewers are engaged while viewing the proposed action is:

Activity	Frequency			
	Daily	Weekly	Holidays/ Weekends	Seasonally
Travel to and from work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Involved in recreational activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Routine travel by residents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At a residence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At worksite	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Project Narrative

for

CP #5511

Improvements to CR 16, Horseblock Road,
in the Vicinity of Brookhaven Waste Management Facility
to CR 56, Victory Ave

Town of Brookhaven, Suffolk County, NY

March 2020

County of Suffolk Department of Public Works

William Hillman, P.E., Chief Engineer

Darnell Tyson, P.E., Acting Commissioner of Public Works

Contents

1. Introduction	1
2. General Project Information	2
2.1. Project Location	2
2.2. Project Goals	2
2.3. Description of Proposed Work.....	3
3. Construction Phasing.....	3
3.1. Sequence of Construction Activities.....	3
4. Existing Site Conditions	4
4.1. Roadway and Structures.....	4
4.2. Vegetation	4
4.3. Surface Waters	5
4.4. Wetlands.....	5
4.5. Rare / Protected Wildlife, Flora, and Ecological Communities.....	7
4.6. Floodplains	8
4.7. Topography	8
4.8. Soils.....	8
4.9. Cultural and Historic Structures.....	9
5. Stormwater Management.....	10
6. Suffolk County Complete Streets and Smart Growth	10
7. References	12
8. List of Preparers.....	12

Attachments

- 1 – NYS Natural Heritage Letter dated 2/25/2020.
- 2 – Capital Projects Complete Streets Smart Growth Checklist

1. Introduction

The Project is an approximate 1-mile segment of CR 16 Horseblock Road, a 0.3-mile segment of CR 21 Yaphank Ave, and the intersection of these two roadways. The location of the Project is shown in Figure 1 below.

Figure 1. Location map showing the overall CR 16 (Horseblock Road) Improvement Project limits.



The overall Project area is approximately 20.5 acres, and generally includes the area within the road right-of-way as well as the area(s) of the existing recharge basins. The Project is classified as a “road construction or reconstruction” project and will disturb greater than one acre of land.

In the existing condition, this section of CR 16 provides one travel lane in each direction, with variable width shoulders. Throughout the intersection of CR 16 (Horseblock Road) and CR 21 (Yaphank Ave), CR 16 widens to include two travel lanes in each direction, as well as necessary turning lane for merging throughout the intersection. The subject area of CR 21 also provides one travel lane in each direction with variable width shoulders on either side, as well as a central turning lane.

The Project will improve safety and mobility through reconfiguring the intersections of CR 16/CR 21 and CR 16/CR 56; adding a travel lane and widening the shoulder on CR 16 within the project area (east of CR 99 to CR 56); constructing ADA-compliant pedestrian accommodations along the north side of CR 16 and west side of CR 21; and providing geometric and traffic signal improvements to the intersect of CR 16 with the Town of Brookhaven Landfill. Road signage and striping will also be provided. The Project will improve drainage through cleaning of existing drainage structures and construction of new drainage infrastructure along CR 16, as well as

improvements to the two existing recharge basins at the intersection of CR 16 and CR 21. Total site disturbance for this Project is approximately 13 acres.

2. General Project Information

2.1. Project Location

The Project is located along CR 16 (Horseblock Road), CR 21 (Yaphank Ave), and the intersection between these roadways. The project spans the segment of CR 16 west of the Brookhaven Waste Management Facility to CR 56 (Victory Road). Along CR 21, the project spans from Mason St., to just south of the intersection with CR 16. Overall, the project is located within the Town of Brookhaven, Suffolk County. Please refer to Figure 1 for the Project area on a location map, and Figure 2 for a high-resolution aerial depicting the Project boundaries.

Figure 2. 2016 orthoimage showing the Project area. Orthoimage from NYS GIS Clearinghouse (gis.ny.gov).



2.2. Project Goals

The Project Goals are as follows, based on the Request for Proposals issued for this project in 2015:

- Improve safety and mobility along CR 16 (Horseblock Road) between the Brookhaven Waste Management Facility and CR 56 by:
 - Constructing additional roadway lanes and improving traffic flow;
 - Reconfiguring intersections to more efficient “T” configurations;
 - Replacing/rebuilding of traffic signaling at reconfigured intersections; and
 - Providing enhancement to infrastructure for use by pedestrians.
- Protect and improve the environment by:
 - Minimizing the removal of existing vegetation and restoring any disturbed areas;

- Restricting any and all tree clearing to winter months in order to avoid impacts to Northern long-eared bat;
- Improving stormwater drainage infrastructure; and
- Treating road runoff to improve water quality.
- Ensure coordination with utility owners, third parties, the surrounding residential community, Project stakeholders and any adjacent construction projects.
- Ensure the Project is compliant with the project's environmental commitments and conditions.

2.3. Description of Proposed Work

In general, the overall CR 16 project involves various improvements to CR 16 that will enhance traffic flow and improve environmental conditions throughout the site. Specifically, the Project involves widening of the CR 16 roadway to provide for one additional travel lane in each direction (east + west), reconfiguration of intersections with CR 21 and CR 56, construction of new pedestrian walkways, and installation and/or repair/replacement of stormwater management facilities. Formalizing the edge of the roadway with a curb, re-graded asphalt, and use of drainage infrastructure will decrease localized erosion and flooding.

The total Project area encompasses 20.47 acres within the roadway boundaries. The total area to be disturbed within the Project area is approximately 13 acres, with an increase of 1.61 acres of impervious (roadway) coverage resulting from the additional travel lanes and an increase in shoulder width for used as a shared roadway (i.e. sidewalk for pedestrians). Widening of the roadway averages 26 +/- feet to the south. The proposed CR 16 roadway/curbs/sidewalk will be 80.5 feet wide; the existing CR 16 roadway is 46 feet wide east of the landfill to west of CR 21 intersection, and widens to 85 +/- feet wide at the intersections with Brookhaven Waste Management and CR 21.

Landscape design is in progress. Design will incorporate use of native plants for landscaping needs throughout the Project. Species composition will be based on habitat characteristics and suitability.

It is anticipated that this Project will also include ancillary work to be performed by various utility companies, which may include relocating underground and/or overhead electric wires and/or poles, underground and/or overhead telephone/communications wires and/or poles, and underground gas, water, and/or sewer infrastructure as necessary to construct the highway improvements proposed by this Capital Improvement Project.

3. Construction Phasing

3.1. Sequence of Construction Activities

The Contractor is required to submit notice to the SCDPW, Suffolk County Police Department, Town of Brookhaven Highway Department, area Fire Department(s), and emergency services prior to street closings, detours, or any work that may affect the access of emergency services 72 hours in advance of their implementation. It is anticipated that this Project will be constructed in four (4) bid phases, as follows:

- Phase 1 - Base Bid - everything east and north of STA 42+00 +/- (west of deli entrance)
- Phase 2 - STA 10+00 to STA 22+00
- Phase 3 - STA 22+00 to 32+00
- Phase 4 - STA 32+00 to 42+00

Phase 1 is anticipated to be bid in 2020 after receipt of all required permits. The timing of bidding and construction of Phases 2-4 is dependent on project funding.

Within each phase, construction shall be completed in six (6) stages. Construction activities to be performed in each stage are described in the Work Zone Traffic Control (WZTC) Notes on Sheets 6-7 of the Project Site Plans.

4. Existing Site Conditions

4.1. Roadway and Structures

Site conditions immediately adjacent to the roadway area are relatively undeveloped forested lands. However, the Brookhaven Town Waste Management facility is located to the south of CR 16, Long Island Compost Corporation is located to the north of CR 16, a small shopping center is located at the southeast corner of CR 16 and CR 21, and a handful of residences are located along both CR 16 and CR 21. The existing roadways within the Project area include CR 16 (Horseblock Road), CR 21 (Yaphank Avenue), and the intersection with CR 56 (Victory Road). CR 16 has one paved travel lane in each direction (eastbound, westbound), and variable-width paved shoulders. CR 21 also has one paved travel lane in each direction (northbound, southbound) with a central turning lane, and variable-width paved shoulders. The intersection of CR 16 and CR 56 is essentially a “T” configuration, with two travel lanes in each direction for CR 16 (separated by a grass median), and one travel lane in each direction plus an ingress ramp for CR 56. Refer to Figure 2 for a 2016 high resolution orthoimage of the Project site.

4.2. Vegetation

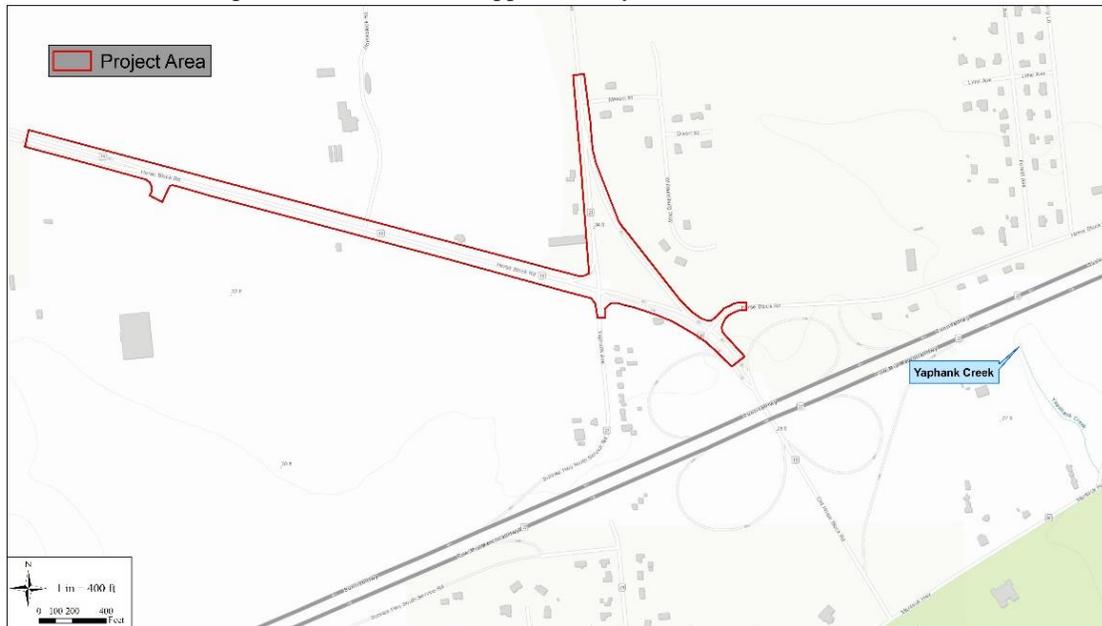
The few developed residential areas adjacent to the Project area contain largely maintained lawns and landscaped areas, with limited trees and shrubs lining the roadway. The swale area at the intersection of CR 16 and CR 21 is utilized as a stormwater management basin (Recharge Basin A), and consists mainly of turf grass, with a few small trees and shrubs also present.

A majority of the land adjacent to the roadway is undeveloped; these undeveloped portions of the Project area contain oak-pine forested habitat, with large components of invasive vines and shrubs, as well as various roadside weeds. Some invasive/non-native species present throughout the oak-pine forests within the Project area include Japanese honeysuckle (*Lonicera japonica*), mugwort (*Artemisia vulgaris*), and chicory (*Cichorium intybus*), among many others.

4.3. Surface Waters

No surface waters are present within the Project area limits. The headwaters of Yaphank Creek are located approximately 1,000 feet east of the Project area (Figure 3). According to the NYSDEC Environmental Resource Mapper, Yaphank Creek is classified as Class C fresh surface water. According to §701.8 of the Environmental Conservation Law (ECL), Class C waters are best used for fishing, and are suitable for fish, shellfish, wildlife propagation and survival. Water quality is suitable for primary and secondary contact recreation. Part 925 of the ECL lists the Yaphank Creek east of the Project area as having a Standard of C(TS), meaning that these surface waters may support trout spawning. Trout require cool, clean water for survival, and clean cobble or gravel within streams for spawning.

Figure 3. Map depicting the location of Yaphank Creek, the closest surface water to the Project. Yaphank Creek is located approximately 1,000 feet east of the site.



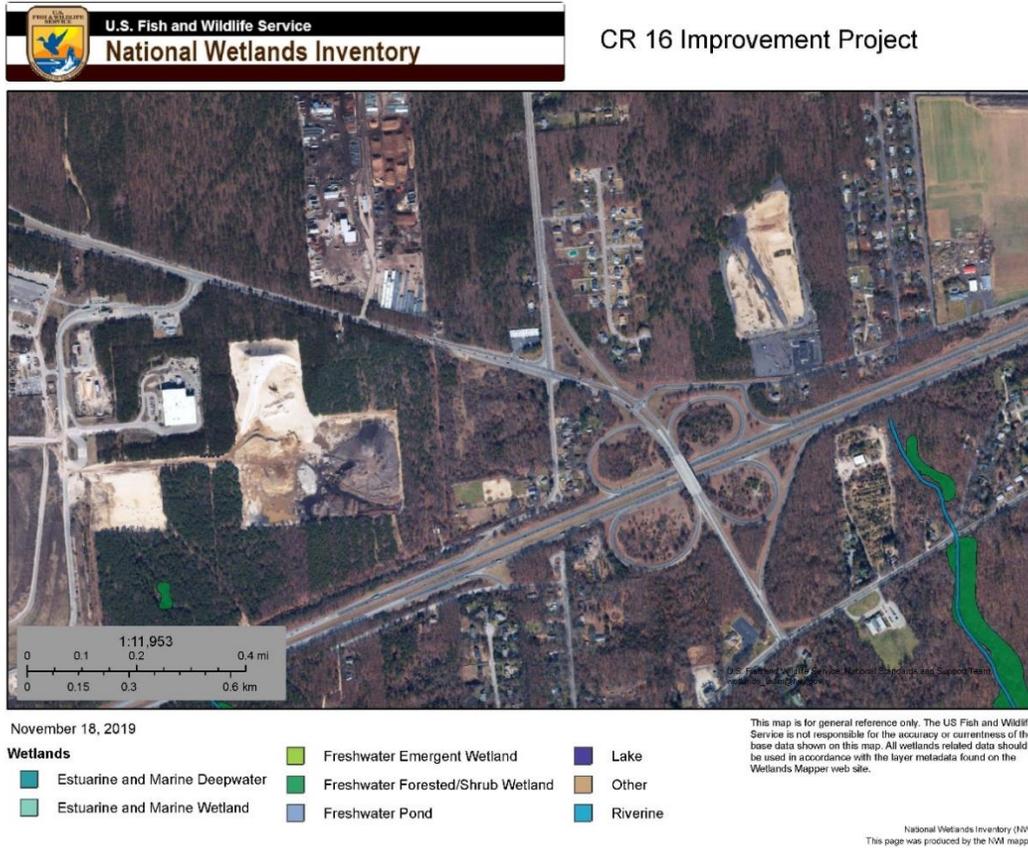
4.4. Wetlands

The Project area is located approximately 1,000 feet to the west of freshwater wetlands associated with Yaphank Creek; no federal or state-regulated wetlands are present on the Project site. The USFWS National Wetlands Inventory map identifies the Yaphank Creek and associated wetlands as Freshwater Forested/Shrub Wetland #PF01E (Figure 4a). The NYSDEC Environmental Resource Mapper identifies the Yaphank Creek and associated wetlands as freshwater wetland B-2 (Figure 4b). These wetlands are located south of Sunrise Highway.

The Project does not involve any construction activities within Yaphank Creek or its associated freshwater wetlands or wetlands adjacent area. All proposed work shall occur over 1,000 feet away, within the limits of the existing roadway and/or throughout the upland habitats directly adjacent to the roadway. Runoff shall be directed to leaching basins (western portion of Project), or through a closed pipe system to the existing stormwater recharge basins at the intersection of

CR 16 and CR 21, or to existing open drainage systems south of CR 16; no direct discharge into Yaphank Creek or associated wetlands is proposed.

Figure 4. (a) USFWS National Wetland Inventory Map depicting federally regulated wetlands near the Project area.



(b) NYSDEC Environmental Resource Mapper depicting the state regulated wetlands near the Project area.



4.5. Rare / Protected Wildlife, Flora, and Ecological Communities

According to the New York Nature Explorer, there is one NYS listed plant species known to occur at this site, the Eastern silvery aster (*Symphitrichum concolor* var. *concolor*). This species is listed as NYS-endangered, and was last confirmed within the vicinity of the Project area in 1934. A site inspection of the Project area by William Bowman, PhD of Land Use Ecological Services, Inc. during October 2019 confirmed that no Eastern silvery aster are currently present in the Project area. Accordingly, the Project will have no impact on this NYS-endangered species.

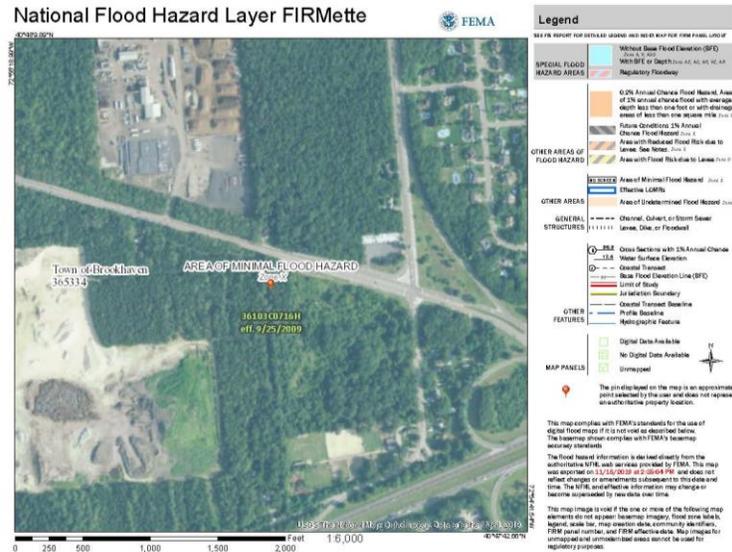
Northern long-eared bat (*Myotis septentrionalis*), listed as threatened both federally and by New York State, is known to occur in Suffolk County and the Town of Brookhaven (NYSDEC, NY Nature Explorer). However, northern long-eared bat is not known to occur in the Project area as confirmed by NY Natural Heritage Program (NYNHP) in a letter dated 2/25/2020 (Attachment 1). NYNHP did advise that northern long-eared bats are known to occur within ¼ mile of the Project area, with additional locations within 1.5 miles. As such, although northern long-eared bats are not known to occur in the Project area, tree clearing shall be restricted to October 1 – March 31 for protection of this species and its habitat.

No other protected ecological communities or federally listed species are located within the vicinity of the Project area. Accordingly, no impacts on rare or protected wildlife, flora, or ecological communities are anticipated with this Project.

4.6. Floodplains

According to FEMA panel 36103C0716H, effective September 25, 2009, there are no Special Flood Hazard Areas within the Project area. Special Flood Hazard Areas are defined as having a 1% annual chance of flood, and are also referred to as a base flood, 100-year flood, or floodplain. All lands throughout the Project area are considered to be an Area of Minimal Flood Hazard, Zone X, defined as the area between the floodplain (100-year flood) and the area having a 0.2% annual chance (or 500-year) flood (Figure 5).

Figure 5. FEMA's National Flood Hazard Layer (Official) showing the Project area.



4.7. Topography

Topography within the Project area is relatively flat along the roadway and in the developed portions, with the exception of some embankments along the roadway. There are some areas of steeper slopes within the Brookhaven Waste Management and Long Island Compost Corp. facilities; however, these steep-sloped areas are not within the Project construction limits. Some minor depressions in elevation are currently present at the intersection of CR 16 and CR 21, particularly on both the east and west sides of the CR 21 entrance ramp from CR 16. These areas shall be used as stormwater drainage recharge basins. In general, areas of steep slopes will be avoided during construction.

CR 16 (Horseblock Road) and the Project area slopes from the westerly Project limit at the Brookhaven Waste Management Facility and the easterly Project limit east of CR 56 (Victory Road) toward the low point located approximately 300' west of the intersection of CR 16 and CR 21.

4.8. Soils

Soils information was obtained through a Web Soil Survey performed for the Project area. Soil data and characteristics were obtained courtesy of U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) web site at <http://websoilsurvey.nrcs.usda.gov/>.

The table below lists the soils found within the Project limits and Figure 6 depicts the soil unit boundaries.

Soil Unit Symbol	Soil Unit Name, % Slope	Hydrologic Soil Group (HSG)	Typical Soil Profile	Drainage Class (Ksat ¹)	Erosion Hazard Index	% of Project Area
HaA	Haven loam, 0 to 2 percent slopes	B	Oa - 0 to 2 inches: highly decomposed plant material H1 - 2 to 5 inches: loam H2 - 5 to 19 inches: loam BC - 19 to 28 inches: gravelly loam C - 28 to 60 inches: stratified gravelly sand	Well Drained (0.20 - 1.98 in/hr)	Slight	5%
RhB	Riverhead and Haven Soils, graded, 0 to 8 percent slopes	N/A	H1 - 0 to 12 inches: sandy loam H2 - 12 to 27 inches: sandy loam H3 - 27 to 35 inches: gravelly loamy sand H4 - 35 to 65 inches: stratified coarse sand to gravelly sand	Well Drained (1.98 - 5.95 in/hr)	Slight	1%
RdA	Riverhead sandy loam, 0 to 3 percent slopes	A	H1 - 0 to 12 inches: sandy loam H2 - 12 to 27 inches: sandy loam H3 - 27 to 35 inches: gravelly loamy sand H4 - 35 to 65 inches: stratified coarse sand to gravelly sand	Well Drained (1.98 - 5.95 in/hr)	Slight	94%

¹ Ksat refers to permeability of the soil when saturated. The value listed is the “representative” value per the USDA NRCS web soil survey results.

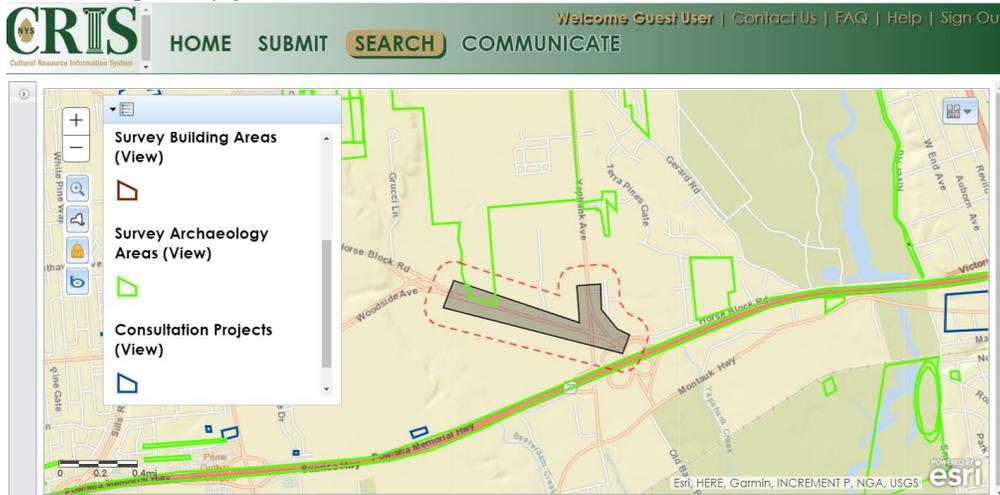
Figure 6. USDA NRCS web soil survey for the CR 16 (Horseblock Road) Project area.



4.9. Cultural and Historic Structures

There are no historic sites listed on the State and National Register of Historic Places on or near the Project site according to the New York State Office of Parks, Recreation & Historical Preservation CRIS (Cultural Resource Information System) website (Figure 7). Construction activities proposed will not have an effect on properties or structures listed under the State or National Register of Historic Places.

Figure 7. NYSOPRHP CRIS search for historic sites or archaeologically sensitive areas (cris.parks.ny.gov/). Red circle indicates location of site. Search radius 500 feet.



5. Stormwater Management

A Stormwater Pollution Prevention Plan (SWPPP) is being prepared in support of a Notice of Intent (NOI) to obtain coverage under the New York State Department of Environmental Conservation (NYSDEC) State Pollutant Discharge Elimination System (SPDES) General Permit for Stormwater Discharge from Construction Activity, Permit No. GP-0-20-001, effective January 28, 2020 (“General Permit”). The SWPPP is being prepared in accordance with the January 2015 NY State Stormwater Management Design Manual and the 2016 New York State Standards and Specifications for Erosion and Sediment Control.

To comply with the General Permit, the SWPPP includes a Stormwater Management Plan and Erosion and Sediment Control Plan. Project design includes best management practices (BMPs) for water quality treatment, reducing sediment and pollutant loading, and regulating peak flow. BMPs will treat and store runoff from a 10-year storm event. Water quality and water quantity (channel protection, overbank flood control, extreme flood control) calculations and design details will be provided in the SWPPP for review and approval by Suffolk County DPW and by NYSDEC through the Notice of Intent for coverage under the General Permit.

Stormwater management will be achieved through two methods: (1) an open drainage system with leaching basins for infiltration of stormwater; and (2) a closed drainage system with interconnected pipes discharging to two existing recharge basins located at the intersection of CR 16 and CR 21. Cleaning, repair, improvements, and replacement of drainage structures will be performed as necessary. Activities include, but are not limited to, repair/replacement of catch basins, leaching basins or pipes, and installation of riprap aprons at recharge basin outfalls to prevent scouring, and will be designed in accordance with the manuals referenced above.

6. Suffolk County Complete Streets and Smart Growth

Suffolk County passed Resolution #1076-2012 establishing a Complete Streets policy in accordance with Chapter 398 of the Laws of New York (2011). Complete Streets requires state,

county, and local agencies to consider the convenience and mobility of all users when developing transportation projects that receive state and federal funding (www.dot.ny.gov/programs/completestreets). A Complete Street considers safe, convenient access and mobility for all users of the roadway, including pedestrians, bicyclists, public transportation riders, and motorists, and includes all ages and persons with disabilities.

This project utilized Complete Street practices in its design. A copy of the Complete Streets Smart Growth Checklist is provided as Attachment 2. In general, the Project design considered the following:

- The Project area is not considered important to bicycle tourism, nor is there an existing or planned bicycle route along the Project area;
- The Project is not affected by special events that influence bicycle, pedestrian, or transit users;
- The shopping center located at the northwest corner of CR 16 and CR 21 does have the potential to generate pedestrian or bicycle traffic, and is an opportunity for improved transit accommodations.

In general, the Project will comply with the Complete Streets policies as follows:

- Sidewalk – The Project will provide a continuous sidewalk on the north side of CR 16 and east side of CR 21, where no sidewalks currently exist;
- Shoulder – The Project will provide a minimum shoulder width of 8 feet along the length of the site, with ‘shared roadway’ signage. The existing right side shoulder varies in width from 4 to 10 feet and no signage is provided.

7. References

- Federal Emergency Management Agency, Department of Homeland Security. FEMA Flood Map Service Center. <http://msc.fema.gov/portal>. Accessed 12/2/2019.
- NYSDEC Environmental Resource Mapper. <http://www.dec.ny.gov/imsmaps/ERM/viewer.htm>. Accessed 12/2/2019.
- NYSDEC. January 2015. New York State Stormwater Management Design Manual. Originally prepared by Center for Watershed Protection. Updated by NYSDEC. 391 pages.
- NYSDEC, Division of Water. July 2016. New York State Standards and Specifications for Erosion and Sediment Control. Prepared by NYS Soil and Water Conservation Committee for NYSDEC. 375 pages.
- NY State Office of Parks, Recreation and Historic Preservation. Cultural Resource Information System (CRIS). <http://cris.parks.ny.gov> Accessed 2/25/2020.
- NY State Information Technology Services (NYSITS). NYSGIS Clearinghouse. 2016 Orthoimagery. <http://gis.ny.gov/>. Accessed 12/2/2019.
- Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at <http://websoilsurvey.nrcs.usda.gov/>. Accessed [12/02/2019].
- U.S. Fish and Wildlife Service (USFWS). National Wetlands Inventory Mapper <http://www.fws.gov/wetlands/Data/Mapper.html>. Accessed 12/2/2019.

8. List of Preparers

Land Use Ecological Services, Inc.
570 Expressway Drive South, Suite 2F, Medford, NY 11763
Contact: Kelly Risotto
Tel. (631) 727-2400
Email. krisotto@landuse.us

LiRo Engineers, Inc.
3 Aerial Way, Syosset, NY 11791
Contact: Abla Gennaway, P.E.
Tel. (516) 636-3708
Email. GennawayA@liro.com

ATTACHMENT 1

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 | F: (518) 402-8925
www.dec.ny.gov

February 25, 2020

Kelly Risotto
Land Use Ecological Services, Inc.
570 Expressway Drive South, Suite 2F
Medford, NY 11763

Re: CR 16 (Horseblock Road) to CR 56 (Victory Boulevard)
County: Suffolk Town/City: Brookhaven

Dear Kelly Risotto:

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.

Within 0.25 mile of the project site is a documented maternity colony of **Northern long-eared bat** (*Myotis septentrionalis*, state and federally listed as Threatened). There are additional locations within 1.5 miles. The bats may travel 1.5 miles or more from documented locations. For information about any permit considerations for your project, please contact the Permits staff at the NYSDEC Region 1 Office, Division of Environmental Permits, at dep.r1@dec.ny.gov.

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.

For information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the Permits staff at the NYSDEC Region 1 Office as described above.

Sincerely,



Heidi Krahling
Environmental Review Specialist
New York Natural Heritage Program

ATTACHMENT 2

Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-4)

PIN:	<input type="text" value="CP# 5511"/>	Project Location:	<input type="text" value="Yaphank, NY"/>
Context:	<input checked="" type="radio"/> Urban / Village <input type="radio"/> Suburban <input type="radio"/> Rural		
Project Title:	<input type="text" value="Improvements to CR16, Horseblock Road in the vicinity of Brookhaven Waste Management to CR 56, Victory Avenue"/>		
STEP 1- APPLICABILITY OF CHECKLIST			
1.1	Is the project located entirely on a facility where bicyclists and pedestrians are prohibited by law and the project does not involve a shared use path or pedestrian/bicycle structure? <i>If no, continue to question 1.2. If yes, <u>stop here</u>.</i>		<input type="radio"/> Yes <input checked="" type="radio"/> No
1.2	a. Is this project a 1R* Maintenance project? <i>If no, continue to question 1.3. If yes, go to part b of this question.</i>		<input type="radio"/> Yes <input checked="" type="radio"/> No
1.2	b. Are there opportunities on the 1R project to improve safety for bicyclists and pedestrians with the following Complete Street features? <ul style="list-style-type: none"> Sidewalk curb ramps and crosswalks Shoulder condition and width Pavement markings Signing <i>Document opportunities or deficiencies in the IPP and <u>stop here</u>.</i> <small>* Refer to Highway Design Manual (HDM) Chapter 7, Exhibit 7-1 "Resurfacing ADA and Safety Assessment Form" under ADA, Pavement Markings and Shoulder Resurfacing for guidance.</small>		<input type="radio"/> Yes <input type="radio"/> No
1.3	Is this project a Cyclical Pavement Marking project? <i>If no, continue to question 1.4. If yes, review EI 13-021* and identify opportunities to improve safety for bicyclists and pedestrians with the following Complete Streets features:</i> <ul style="list-style-type: none"> Travel lane width Shoulder width Markings for pedestrians and bicyclists <i>Document opportunities or deficiencies in the IPP and <u>stop here</u>.</i> <small>* EI 13-021, "Requirements and Guidance for Pavement Marking Operations - Required Installation of CARDS and Travel Lane and Shoulder Width Adjustments".</small>		<input type="radio"/> Yes <input checked="" type="radio"/> No
1.4	Is this a Maintenance project (as described in the "Definitions" section of this checklist) and different from 1.2 and 1.3 projects? <i>If no, continue to Step 2. If yes, the Project Development Team should continue to look for opportunities during the Design Approval process to improve existing bicycle and pedestrian facilities within the scope of project. Identify the project type in the space below and <u>stop here</u>.</i>		<input type="radio"/> Yes <input checked="" type="radio"/> No
STEP 1 prepared by:		<input type="text" value="Daniel Hurley"/>	Date: <input type="text" value="3/3/2020"/>
STEP 2 - IPP LEVEL QUESTIONS (At Initiation)			Comment / Action

ATTACHMENT 2

Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-5)

2.1	<p>Are there public policies or approved known development plans (e.g., community Complete Streets policy, Comprehensive Plan, MPO Long Range and/or Bike/Ped plan, Corridor Study, etc.) that call for consideration of pedestrian, bicycle or transit facilities in, or linking to, the project area? <i>Contact municipal planning office, Regional Planning Group and Regional Bicycle/Pedestrian Coordinator.</i></p>	<input type="radio"/> Yes <input checked="" type="radio"/> No	
2.2	<p>Is there an existing or planned sidewalk, shared use path, bicycle facility, pedestrian-crossing facility or transit stop in the project area?</p>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<p>Continuous sidewalk will be provided on north side of CR16 and East side of CR21</p>
2.3	<p>a. Is the highway part of an existing or planned State, regional or local bicycle route? <i>If no, proceed to question 2.4. If yes, go to part b of this question.</i></p> <p>b. Do the existing bicycle accommodations meet the minimum standard guidelines of HDM Chapter 17 or the AASHTO "Guide for the Development of Bicycle Facilities"? * <i>Contact Regional Bicycle/Pedestrian Coordinator</i></p> <p><small>* Per HDM Chapter 17- Section 17.4.3, Minimum Standards and Guidelines.</small></p>	<input type="radio"/> Yes <input checked="" type="radio"/> No <input type="radio"/> Yes <input checked="" type="radio"/> No	
2.4	<p>Is the highway considered important to bicycle tourism by the municipality or region?</p>	<input type="radio"/> Yes <input checked="" type="radio"/> No	
2.5	<p>Is the highway affected by special events (e.g., fairs, triathlons, festivals) that might influence bicycle, pedestrian or transit users? <i>Contact Regional Traffic and Safety</i></p>	<input type="radio"/> Yes <input checked="" type="radio"/> No	
2.6	<p>Are there existing or proposed generators within the project area (<i>refer to the "Guidance" section</i>) that have the potential to generate pedestrian or bicycle traffic or improved transit accommodations? <i>Contact the municipal planning office, Regional Planning Group, and refer to the CAMCI Viewer, described in the "Definitions" section.</i></p>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<p>There is an existing small shopping center at the corner of CR16 and CR21. Continuous sidewalk to be included in the project to allow ADA compliant access to the shopping center</p>
2.7	<p>Is the highway an undivided 4 lane section in an urban or suburban setting, with narrow shoulders, no center turn lanes, and existing Annual Average Daily Traffic (AADT) < 15,000 vehicles per day? <i>If yes, consider a road diet evaluation for the scoping/design phase. Refer to the "Definitions" section for more information on road diets.</i></p>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<p>As of 2017, when the design report was prepared, AADT=13600</p>

ATTACHMENT 2

Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-6)

2.8	Is there evidence of pedestrian activity (e.g., a worn path) and no or limited pedestrian infrastructure?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
------------	---	---	--

STEP 2 prepared by: Date:

Bicycle/Pedestrian Coordinator has been provided an opportunity to comment: Yes No

ATTACH TO IPP AND INCLUDE RECOMMENDATIONS FOR SCOPING/DESIGN.

STEP 3 - PROJECT DEVELOPMENT LEVEL QUESTIONS (Scoping/Design Stage)			Comment / Action
3.1	Is there an identified need for bicycle/pedestrian/transit or "way finding" signs that could be incorporated into the project?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3.2	Is there history of bicycle or pedestrian crashes in the project area for which improvements have not yet been made?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3.3	Are there existing curb ramps, crosswalks, pedestrian traffic signal features, or sidewalks that don't meet ADA standards per HDM Chapter 18 ?	<input checked="" type="radio"/> Yes <input type="radio"/> No	All non-compliant features will be reconstructed pursuant to current standards
3.4	Is the posted speed limit is 40 mph or more and the paved shoulder width less than 4' (1.2 m) (6' in the Adirondack or other State Park)? Refer to EI 13-021 .	<input checked="" type="radio"/> Yes <input type="radio"/> No	A minimum shoulder width of 8' will be provided throughout the project site
3.5	Is there a perceived pedestrian safety or access concern that could be addressed by the use of traffic calming tools (e.g., bulb outs, raised pedestrian refuge medians, corner islands, raised crosswalks, mid-block crossings)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3.6	Are there conflicts among vehicles (moving or parked) and bike, pedestrian or transit users which could be addressed by the project?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3.7	Are there opportunities (or has the community expressed a desire) for new/improved pedestrian-level lighting, to create a more inviting or safer environment?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3.8	Does the community have an existing street furniture program or a desire for street appurtenances (e.g., bike racks, benches)?	<input type="radio"/> Yes <input checked="" type="radio"/> No	

ATTACHMENT 2

Chapter 18, Appendix A - CAPITAL PROJECTS COMPLETE STREETS CHECKLIST (18A-7)

3.9	Are there gaps in the bike/pedestrian connections between existing/planned generators? <i>Consider locations within and in close proximity of the project area. (Within 0.5 mi (800 m) for pedestrian facilities and within 1.0 mi (1600 m) for bicycle facilities.)</i>	<input checked="" type="radio"/> Yes <input type="radio"/> No	Continuous sidewalk to be included in the project to allow ADA compliant access to the shopping center
3.10	Are existing transit route facilities (bus stops, shelters, pullouts) inadequate or in inconvenient locations? (e.g., not near crosswalks) <i>Consult with Traffic and Safety and transit operator, as appropriate</i>	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3.11	Are there opportunities to improve vehicle parking patterns or to consolidate driveways, (which would benefit transit, pedestrians and bicyclists) as part of this project?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3.12	Is the project on a "local delivery" route and/or do area businesses rely upon truck deliveries that need to be considered in design?	<input checked="" type="radio"/> Yes <input type="radio"/> No	
3.13	Are there opportunities to include green infrastructure which may help reduce stormwater runoff and/or create a more inviting pedestrian environment?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
3.14	Are there opportunities to improve bicyclist operation through intersections and interchanges such as with the use of bicycle lane width and/or signing?	<input checked="" type="radio"/> Yes <input type="radio"/> No	"Shared Roadway" signs will be installed prior to intersections to alert driver to potential bicyclists in the shoulder.

STEP 3 prepared by:

Date:

Additional comments, supporting documentation and clarifications for answers in step 1, 2 or 3: