

**Full Environmental Assessment Form
Part 1 - Project and Setting**

Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Staten Island North Shore Bus Rapid Transit (BRT) Project		
Project Location (describe, and attach a general location map): Alignment along the North Shore and South Ave of the Borough of Staten Island, City of New York (see Project Location Map attached)		
Brief Description of Proposed Action (include purpose or need): The Proposed Project would introduce new and enhanced public transit service along the North Shore of Staten Island between South Avenue (West Shore Plaza, located near the intersection of South Avenue and Chelsea Road) and St. George (St. George Terminal, located near the intersection of Richmond Terrace and Bay Street) in Richmond County, New York. The approximately 8-mile proposed alignment would comprise approximately 5.3 miles of right-of-way (ROW) from the former North Shore Railroad and approximately 2.7 miles of New York City roadways such as Richmond Terrace and South Avenue. The proposed alignment includes at-grade, elevated viaduct, and below-grade open-cut sections, with street-running portions along South Avenue and Richmond Terrace. A Draft Environmental Impact Statement (DEIS) is being prepared to identify any potentially significant adverse environmental impacts associated with the Proposed Project. As such, many of the questions in this Environmental Assessment Form refer directly to the DEIS for additional information. In addition, the DEIS will include a full discussion of the purpose and need of the Proposed Project.		
Name of Applicant/Sponsor: MTA New York City Transit (NYCT)	Telephone: see below	E-Mail: see below
Address: 2 Broadway		
City/PO: New York	State: NY	Zip Code: 10004
Project Contact (if not same as sponsor; give name and title/role): Eric Bohn - Manager, Capital Projects, NYCT Operations Planning	Telephone: (646) 252-5165	E-Mail: eric.bohn@nyct.com
Address: 2 Broadway, 17th Floor		
City/PO: New York	State: New York	Zip Code: 10004
Property Owner (if not same as sponsor): N/A	Telephone:	E-Mail:
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Potential City Planning approvals, to be determined	
c. City, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYCDOT (MPT during construction)	
e. County agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYS Department of Environmental Conservation; tidal and freshwater wetlands (potential); SPDES. MTA-NYCT: funding and acquisition of right-of-way/property	
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	US Army Corps of Engineers: Clean Water Act Section 404 permit. US Coast Guard: Rivers and Harbors Act Section 9 permit. Federal Transportation Administration: funding (potential)	
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

C. Planning and Zoning

C.1. Planning and zoning actions.	
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<ul style="list-style-type: none"> • If Yes, complete sections C, F and G. • If No, proceed to question C.2 and complete all remaining sections and questions in Part 1 	
C.2. Adopted land use plans.	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? <input type="checkbox"/> Yes <input type="checkbox"/> No	
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, identify the plan(s): NYS BOAs: Staten Island, Richmond Terrace; West Shore. NYC BOAs: Port Richmond; West Brighton. New York City Waterfront Revitalization Program. New York State Harbor Park Urban Heritage Area	

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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, identify the plan(s): New York City Department of Parks & Recreation: Habitat Restoration and Green Infrastructure Planning for Staten Island's North Shore (in progress)	

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
 If Yes, what is the zoning classification(s) including any applicable overlay district?
 The proposed ROW spans several New York City zoning districts. The Proposed Project is being undertaken by MTA-NYCT, a state agency that is not subject to local zoning regulations.

b. Is the use permitted or allowed by a special or conditional use permit? N/A Yes No

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

C.4. Existing community services.

a. In what school district is the project site located? NYC School District #31 - Staten Island

b. What police or other public protection forces serve the project site?
 New York City Police Department - 120th and 121st Precincts

c. Which fire protection and emergency medical services serve the project site?
 New York City Fire Department - 8th Division, 21st and 22nd Battalions

d. What parks serve the project site?
 The Proposed Project is adjacent or in proximity to a number of designated park and open space areas. The DEIS will include an assessment of potential impacts to parks and open space.

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Public Transportation (Bus Rapid Transit), rehabilitation of a former rail right-of-way for BRT use

b. a. Total acreage of the site of the proposed action? approx. 18 acres
 b. Total acreage to be physically disturbed? approx. 18 acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 0 (see note) acres
 *5 miles x 30' wide = 18 acres. This proposed ROW is under NYC ownership and would be conveyed to MTA or added to the MTA's Master Lease with the City.

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

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

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

TBD. The Proposed Project is expected to be completely operational by 2027. Construction period will depend on alternatives evaluated in DEIS.

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

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

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes, The Proposed Project will include bus shelters and/or platforms, seating, fare collection barriers, elevators, information screens, an employee welfare center, retaining walls and other potential structures.

i. Total number of structures TBD
 ii. Dimensions (in feet) of largest proposed structure: TBD height; TBD width; and TBD length
 iii. Approximate extent of building space to be heated or cooled: TBD square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: Potential stormwater detention basin(s) to accommodate runoff (potentially adjacent to Alaska Street)
 ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: Surface water sources related to stormwater runoff. Stormwater infrastructure will be noted in the DEIS and refined as conceptual engineering advances.
 iii. If other than water, identify the type of impounded/contained liquids and their source. _____
 iv. Approximate size of the proposed impoundment. Volume: TBD million gallons; surface area: _____ acres
 v. Dimensions of the proposed dam or impounding structure: TBD height; _____ length
 vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____
 Construction methods to be determined. Materials may include rock, earthen material, and concrete.

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) TBD. Near Snug Harbor the ROW, which was once on dry land, has eroded into the waters of the Kill Van Kull. One potential design treatment in this area would be to elevate the BRT on a causeway structure over the submerged areas. If this design treatment (to be evaluated in the DEIS) is implemented it may result in the disturbance of sediment in the Kill Van Kull.
 If Yes:

i. What is the purpose of the excavation or dredging? As described in note above.
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
 • Volume (specify tons or cubic yards): TBD, depending on alternatives evaluated in DEIS
 • Over what duration of time? _____
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
As described in note above
 iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. TBD, as described in notes above
 v. What is the total area to be dredged or excavated? TBD, as described in notes above acres
 vi. What is the maximum area to be worked at any one time? TBD, as described in notes above acres
 vii. What would be the maximum depth of excavation or dredging? TBD, as described in notes above feet
 viii. Will the excavation require blasting? Yes No
 ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No
The potential for impacts to water resources will be addressed in the DEIS.
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): A wetlands delineation, conducted to determine the extent of federal and state wetlands within the project area, identified three wetlands on the central and southern (near Cable Way) portions of a site that is anticipated to accommodate the proposed Arlington Station area. Also see note in D.2.a. regarding the Snug Harbor area.

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
The development of the Arlington Station site may result in an encroachment upon wetlands or the NYSDEC-designated adjacent area. In addition, conceptual design treatment(s) to address an eroded section of shoreline ROW (currently in the Kill Van Kull) may result in an alteration to the shoreline and/or filling to the bulkhead line near Sailors' Snug Harbor. A Jurisdictional Determination will be sought from the USACE and NYSDEC in order to confirm the presence and/or extent of "waters of the U.S." in the study area.

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No
 If Yes, describe: TBD. The potential for water resource and aquatic vegetation impacts will be addressed in the DEIS.

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

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

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

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

If Yes: Nominal increases in water use are expected from activities such as bus washing and employee use of restrooms at the proposed employee welfare facility. Analysis of potential impacts to water usage to be provided in DEIS.

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

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

If Yes:

- Name of district or service area: New York City Department of Environmental Protection
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

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

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

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

If, Yes:

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

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

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

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

If Yes: Nominal liquid waste generation is anticipated from activities such as employee use of restrooms at the proposed employee welfare facility. Analysis of potential impacts to sewer infrastructure to be provided in DEIS.

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

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

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

If Yes:

- Name of wastewater treatment plant to be used: Port Richmond Water Pollution Control Plant
- Name of district: New York City Department of Environmental Protection - Service Area 8
- 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

Yes No
 Yes No

If Yes: The study area is served by a combination of combined sewer outfalls, direct drainage/other and Municipal Separate Storm Sewer System (MS4).
 Sources: DEP's NYC Drainage & Sewer System Map; DEP MS4 Preliminary Map; Open Sewer Atlas NYC

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

Site connections and/or improvements would be anticipated to enable service connections from existing utilities in the vicinity of the ROW. _____

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

If Yes:

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

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

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

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

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?
 _____ Square feet or TBD acres (impervious surface)
 _____ Square feet or TBD acres (parcel size)

ii. Describe types of new point sources, Potential point sources may include but are not limited to: new curbs and drainage pipes associated with the busway, gutters (e.g., employee welfare facility; bus shelters) and swales. _____

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

Stormwater would likely be collected/detained through the installation of drainage infrastructure such as infiltration basins, conveyance pipe, and swales or routed to an appropriate drainage outlet. Drainage will comply with DEP standards and the New York State Stormwater Management Design Manual.

- If to surface waters, identify receiving water bodies or wetlands: _____
 Stormwater may be directed to proposed detention areas (e.g., potential basin at Alaska Street). _____

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

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

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)
 BRT fleet would be electric and not generate air emissions; however, roadway capacity would be altered for passenger vehicles. An air quality analysis will be prepared in the DEIS.

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

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)
 None _____

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

If Yes:

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

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

- _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
- _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
- _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
- _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
- _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

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

If Yes:

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

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

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

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

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

If Yes: TBD. The Proposed Project is anticipated to generate new demand for transit as it would involve the introduction of a new, enhanced BRT transit service that does not currently exist. As a public transportation improvement project, the Proposed Project is not anticipated to result in a substantial increase automobile trips. A traffic impact study will be conducted as part of the DEIS to assess the potential for traffic/transportation impacts.

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

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

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

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

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:
Proposed busway access points include: Bard Avenue, Alaska Street, and Nicholas Street (ramp), Richmond Terrace: modification to allow for busway.

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No

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

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No
Pedestrian connections including crosswalks at station areas and ADA-accessible ramps or elevators would be provided at the proposed viaduct or open-cut stations. A proposed pedestrian walkway would be located in the vicinity of the Erastina Place neighborhood to facilitate access to the BRT.

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

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____
TBD. The Proposed Project would utilize an electric BRT fleet. Analysis of potential impacts to energy infrastructure to be provided in DEIS.

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

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

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

<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ TBD _____ • Saturday: _____ TBD _____ • Sunday: _____ TBD _____ • Holidays: _____ TBD _____ 	<p>ii. During Operations: <small>The proposed BRT is anticipated to operate 24 hours per day on a year-round basis.</small></p> <ul style="list-style-type: none"> • Monday - Friday: _____ 24 _____ • Saturday: _____ 24 _____ • Sunday: _____ 24 _____ • Holidays: _____ 24 _____
--	---

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

If yes:

i. Provide details including sources, time of day and duration:
Construction noise may temporarily exceed existing ambient noise levels. Analysis of potential noise impacts to be provided in DEIS.

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

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

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:
TBD. Outdoor lighting fixtures may be added at proposed BRT stations and along the busway. Analysis of potential impacts to visual resources to be provided in DEIS.

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

o. Does the proposed action have the potential to produce odors for more than one hour per day? Yes No
If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

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

If Yes:

i. Product(s) to be stored _____

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

iii. Generally, describe the proposed storage facilities: _____

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

If Yes:

i. Describe proposed treatment(s):

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

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

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility: Analysis of potential solid waste management impacts to be provided in DEIS.

- Construction: _____ TBD tons per _____ (unit of time)
- Operation : _____ TBD tons per _____ (unit of time)

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

- Construction: Recyclable construction debris would be handled in accordance with prevailing regulations.
- Operation: Recyclable solid waste disposed at proposed BRT stations and the proposed employee welfare facility would be handled in accordance with prevailing regulations.

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

- Construction: Construction debris would be collected and disposed in accordance with prevailing regulations.
- Operation: Solid waste disposed at proposed BRT stations and the employee facility would be handled in accordance with prevailing regulations.

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No
 If Yes:
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____
 ii. Anticipated rate of disposal/processing:
 • _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
 • _____ Tons/hour, if combustion or thermal treatment
 iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No
 If Yes:
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

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

 iii. Specify amount to be handled or generated _____ tons/month
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No
 If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.
 i. Check all uses that occur on, adjoining and near the project site.
 Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): Transportation (abandoned rail right-of-way, surface roadways); wetlands
 ii. If mix of uses, generally describe: The Proposed Project would primarily utilize an existing but currently abandoned ROW.
The acquisition of some commercial/industrial parcels adjacent to the ROW would be required for proposed station areas. An analysis of potential land use impacts will be presented in the DEIS.

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	*	*	*
• Forested	*	*	*
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	*	*	*
• Agricultural (includes active orchards, field, greenhouse etc.)	*	*	*
• Surface water features (lakes, ponds, streams, rivers, etc.)	*	*	*
• Wetlands (freshwater or tidal)	*	*	*
• Non-vegetated (bare rock, earth or fill)	*	*	*
• Other Describe:*	*	*	*

*Current and proposed land cover types to be determined as the alignment and design of the proposed ROW is finalized.

c. Is the project site presently used by members of the community for public recreation? Yes No
i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? Yes No
If Yes,
i. Identify Facilities:
Several community facilities are present along the proposed ROW, including Curtis High School, PS 59, Staten Island Care Center, and Port Richmond High School. An analysis of potential impacts to community facilities will be presented in the DEIS.

e. Does the project site contain an existing dam? Yes No
If Yes:
i. Dimensions of the dam and impoundment:
• Dam height: _____ feet
• Dam length: _____ feet
• Surface area: _____ acres
• Volume impounded: _____ gallons OR acre-feet
ii. Dam's existing hazard classification: _____
iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No
If Yes: See Attachment Yes No
i. Has the facility been formally closed?
• If yes, cite sources/documentation: NYSDEC Environmental Facilities Navigator
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

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

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No
If Yes: TBD
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:
A corridor-level Environmental Site Assessment will be prepared as part of the DEIS to identify the presence of known hazardous waste sites (generation, treatment, disposal, etc.) and remedial actions conducted within the Proposed Project footprint and surrounding area.

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No
If Yes:
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): 243035, V00228
 Neither database
ii. If site has been subject of RCRA corrective activities, describe control measures:
A corridor-level Environmental Site Assessment will be prepared as part of the DEIS to identify the presence of known hazardous waste sites and remedial actions conducted within the Proposed Project footprint and surrounding area.
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No
If yes, provide DEC ID number(s): 243001, 243009, 243036, V00251, 243035, V00228 Source: Environmental Resource Mapper
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):
A corridor-level Environmental Site Assessment will be prepared as part of the DEIS to identify the presence of known hazardous waste sites and remedial actions conducted within the Proposed Project footprint and surrounding area.

243001: Former Positive Chemicals Site - currently vacant; remediation has been completed; 243009: Teleport Site - drums and contaminated soil removed; remediation has been completed; 243036: Mariners Marsh Park - potential for contaminated soil and groundwater; V00251: Contamination (lead, metals, semi-volatile organic compounds, etc.) related to the use of the former First Marine Shipyard Site; 243035: Lead contamination associated with the former Jewett White Lead Company; remediation has been completed; V00228: Ballpark at St. George Station Site - contamination associated with historic use as a railcar maintenance and railcar switchyard from circa 1883 to 1994; remediation has been completed Source: NYSDEC Environmental Site Remediation Database

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

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

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ **TBD** feet Depth to bedrock will be noted in the natural resources section of the DEIS.

b. Are there bedrock outcroppings on the project site? Yes No
 If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ % Bedrock outcroppings are not anticipated. An analysis of potential impacts to natural resources will be presented in DEIS.

c. Predominant soil type(s) present on project site: See Attachment _____ %
 _____ %
 _____ %

d. What is the average depth to the water table on the project site? Average: _____ **TBD** feet

e. Drainage status of project site soils: Well Drained: _____ % of site **See Attachment**
 Moderately Well Drained: _____ % of site
 Poorly Drained: _____ % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: _____ % of site **TBD**
 10-15%: _____ % of site
 15% or greater: _____ % of site

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

h. Surface water features.

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

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No An analysis of potential impacts on wetlands and surface waters will be presented in the DEIS.

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

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

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

- Streams: Name 890-43, 890-41, 890-45, 890-50, 890-49 Classification SD/C, SD/B
- Lakes or Ponds: Name 890-6, 890-15 Classification I, SD
- Wetlands: Name Tidal Wetlands, Federal Waters, New York State Wetland Approximate Size varies
- Wetland No. (if regulated by DEC) AR-52, AR-51, AR-50, AR-49, AR-1, E-3, AR-24, E-2 Source: Environmental Resource Mapper

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
 If yes, name of impaired water body/bodies and basis for listing as impaired: _____
Upper New York Bay - Priority Organics; Metals -Fish Consumption; Kill Van Kull - Priority Organics; Fish Consumption

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

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

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

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:
 i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site: _____
 TBD. Wildlife species within the project _____ The potential for natural resources _____
 study area will be identified based on _____ impacts will be address in the DEIS. _____
 consultation with USFWS and NYSDEC. _____

n. Does the project site contain a designated significant natural community? Yes No
 If Yes:
 i. Describe the habitat/community (composition, function, and basis for designation): _____
 Maritime post oak forest; Red maple-sweetgum swamp (both within 400 feet of South Avenue)
 ii. Source(s) of description or evaluation: Environmental Resource Mapper
 iii. Extent of community/habitat:
 • Currently: _____ 11.0; 75.0 acres Source: Environmental Resource Mapper
 • Following completion of project as proposed: No disturbance anticipated acres
 • Gain or loss (indicate + or -): No disturbance anticipated acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as Yes No
 endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species?
 If Yes: An analysis of potential impacts to natural resources will be presented in the DEIS.
 i. Species and listing (endangered or threatened): _____
 Federally-listed species that may be present in this portion of Staten Island include the piping plover (threatened) and the roseate tern (endangered).
 State-listed species may include the persimmon, bald eagle, least bittern, pied-billed grebe, eastern mud turtle, and northern cricket frog. Regulatory
 coordination with the USFWS and NYSDEC will occur in the DEIS phase to confirm the presence or absence of protected species within the study area.

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of Yes No
 special concern? An analysis of potential impacts to natural resources will be presented in the DEIS.
 If Yes:
 i. Species and listing: _____

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

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

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

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

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

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

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? If Yes: Cultural resources within the study area will be identified and potential impacts to such resources will be addressed in the DEIS. i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District ii. Name: Sailors' Snug Harbor National Register Historic District (NRHP No. 72000909) Phase IA Cultural Resource Investigation will be conducted. iii. Brief description of attributes on which listing is based: Home for retired seamen opened in the 1800s. Structures are representative of Greek Revival, Beaux Arts and Late Victorian architecture.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site? If Yes: i. Describe possible resource(s): _____ ii. Basis for identification: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? If Yes: i. Identify resource: _____ ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____ iii. Distance between project and resource: _____ miles.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? If Yes: i. Identify the name of the river and its designation: _____ ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

F. Additional Information

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

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

G. Verification

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

Applicant/Sponsor Name Eric Bohn Date June 26, 2019

Signature  Title Manager, NYCT Operations Planning

State Island North Shore Bus Rapid Transit (BRT) Project
Borough of Staten Island, City of New York
MTA-New York City Transit

Part 1 – Environmental Assessment Form



Project Location & Proposed Alignment

**State Island North Shore Bus Rapid Transit (BRT) Project
Borough of Staten Island, City of New York
MTA-New York City Transit**

Part 1 – Environmental Assessment Form

Attachment

E.1.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?

Facility Name	Facility Type	Address	Location	Active/Inactive	Development Constraints	Source
Stokes Waste Paper Co.	C&D processing	25 Van Street	within 400 ft.	Active	No	NYSDEC Environmental Facilities Navigator
J&J Recycling Inc.	Vehicle Dismantling	1641 Richmond Terrace	adjacent to ROW, Bl: 185, L:52	Active	No	NYSDEC Environmental Facilities Navigator
Perfetto Contracting Co Inc.	C&D processing	2000 Richmond Terrace	adjacent to ROW, Bl: 1006, L: 32	Active	No	NYSDEC Environmental Facilities Navigator
T.M. Maintenance Inc	C&D Processing	451 Spencer Street	potentially within 400 ft.	Active	No	NYSDEC Environmental Facilities Navigator
Vanbro Corporation	C&D processing	1900 South Avenue	potentially within 400 ft.	Active	No	NYSDEC Environmental Facilities Navigator
J. Bruno and Sons; Inc.	C&D processing	280 Meredith Avenue	potentially within 400 ft.	Active	No	NYSDEC Environmental Facilities Navigator

E.2.c. Predominant soil type(s) present on project site; and

E.2.e. Drainage status of project site soils.

The identified soil types in the below table are based on results from the U.S. Department of Agriculture, Natural Resources Conservation Service's Web Soil Survey search for the area within 400 feet of the proposed ROW. Actual soils present within the Proposed Project area may differ from these results and would be confirmed for suitability prior to commencement of construction activities.

**State Island North Shore Bus Rapid Transit (BRT) Project
Borough of Staten Island, City of New York
MTA-New York City Transit**

Part 1 – Environmental Assessment Form

Map Unit Symbol	Map Unit Name	Approximate Percentage in Study Area	Drainage Status
W	Water	12.10%	N/A
UtA	Urban land, till substratum, 0 to 3 percent slopes	9.80%	N/A
DfA	Deerfield loamy fine sand, 0 to 3 percent slopes	7.60%	Moderately well drained
UrA	Urban land, reclaimed substratum, 0 to 3 percent slopes	7.40%	N/A
UGB	Urban land-Greenbelt complex, 3 to 8 percent slopes	6.50%	N/A
UGA	Urban land-Greenbelt complex, 0 to 3 percent slopes	6.20%	N/A
UoA	Urban land, outwash substratum, 0 to 3 percent slopes	6.00%	N/A
UFA	Urban land-Flatbush complex, 0 to 3 percent slopes	5.90%	N/A
PkA	Preakness mucky silt loam, 0 to 3 percent slopes	4.30%	Poorly or very poorly drained
UtB	Urban land, till substratum, 3 to 8 percent slopes	3.90%	N/A
PvA	Preakness silt loam, 0 to 3 percent slopes, frequently ponded	2.70%	Poorly or very poorly drained
UmB	Urban land, tidal marsh substratum, 3 to 8 percent slopes	2.40%	N/A
UFB	Urban land-Flatbush complex, 3 to 8 percent slopes	2.10%	N/A
GUA	Greenbelt-Urban land complex, 0 to 3 percent slopes	1.80%	Well drained
LGA	Laguardia-Greenbelt complex, 0 to 3 percent slopes	1.60%	Well drained

**State Island North Shore Bus Rapid Transit (BRT) Project
Borough of Staten Island, City of New York
MTA-New York City Transit**

Part 1 – Environmental Assessment Form

UFAI	Urban land-Flatbush complex, 0 to 3 percent slopes, low impervious surface	1.60%	N/A
WbA	Westbrook mucky peat, sandy substratum, 0 to 1 percent slopes, very frequently flooded	1.50%	Very poorly drained
LUA	Laguardia-Urban land complex, 0 to 3 percent slopes	1.40%	Well drained
UGD	Urban land-Greenbelt complex, 15 to 25 percent slopes	1.40%	N/A
GbA	Greenbelt loam, 0 to 3 percent slopes	1.20%	Well drained
ULA	Urban land-Laguardia complex, 0 to 3 percent slopes	1.20%	N/A
UtC	Urban land, till substratum, 8 to 15 percent slopes	1.00%	N/A
GdB	Greenbelt loam, 3 to 8 percent slopes	0.90%	Well drained
GUB	Greenbelt-Urban land complex, 3 to 8 percent slopes	0.90%	Well drained
NoA	North Meadow sandy loam, 0 to 3 percent slopes	0.90%	Moderately well drained
UGDI	Urban land-Greenbelt complex, 15 to 25 percent slopes, low impervious surface	0.80%	N/A
WWB	Windsor complex, 0 to 8 percent slopes, loamy substratum	0.80%	Excessively drained
UGAI	Urban land-Greenbelt complex, 0 to 3 percent slopes, low impervious surface	0.70%	N/A
UmA	Urban land, tidal marsh substratum, 0 to 3 percent slopes	0.70%	N/A
UVA	Urban land-Verrazano complex, 0 to 3 percent slopes	0.70%	N/A

**State Island North Shore Bus Rapid Transit (BRT) Project
Borough of Staten Island, City of New York
MTA-New York City Transit**

Part 1 – Environmental Assessment Form

UsA	Urban land, sandy substratum, 0 to 3 percent slopes	0.60%	N/A
BmA	Boonton loam, moderately well drained, 0 to 3 percent slopes	0.50%	Moderately well and well drained
GbC	Greenbelt loam, 8 to 15 percent slopes	0.50%	Well drained
NaA	Natchaug muck, 0 to 2 percent slopes	0.50%	Very poorly drained
UGBI	Urban land-Greenbelt complex, 3 to 8 percent slopes, low impervious surface	0.50%	N/A
GbD	Greenbelt loam, 15 to 25 percent slopes	0.40%	Well drained
UFBI	Urban land-Flatbush complex, 3 to 8 percent slopes, low impervious surface	0.40%	N/A
FGA	Flatbush-Greenbelt complex, 0 to 3 percent slopes	0.20%	Well drained
GbF	Greenbelt loam, 35 to 60 percent slopes	0.20%	Well drained
UGCI	Urban land-Greenbelt complex, 8 to 15 percent slopes, low impervious surface	0.20%	N/A
ULAI	Urban land-Laguardia complex, 0 to 3 percent slopes, low impervious surface	0.20%	N/A
BiAn	Bigapple sandy loam, 0 to 3 percent slopes, non-dredge material	0.10%	Well to excessively drained
ApA	Appoquinimink mucky peat, 0 to 1 percent slopes, very frequently flooded	0.00%	Very poorly drained
CeC	Cheshire loam, 8 to 15 percent slopes	0.00%	Well drained

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

Project :

Date :

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

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

Tips for completing Part 2:

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

1. Impact on Land			
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)		<input type="checkbox"/> NO	<input type="checkbox"/> YES
<i>If “Yes”, answer questions a - j. If “No”, move on to Section 2.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<input 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.	E2a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	<input 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).	D2e, D2q	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input 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) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - c. If "No", move on to Section 3.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	<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: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

3. Impacts on Surface Water The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - l. If "No", move on to Section 4.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	<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.	D2b	<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.	D2a	<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.	E2h	<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.	D2a, D2h	<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.	D2c	<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).	D2d	<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.	D2e	<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.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input type="checkbox"/>	<input type="checkbox"/>

I. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
----------------------------------	--	--------------------------	--------------------------

4. Impact on groundwater
 The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. NO YES
 (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)
If “Yes”, answer questions a - h. If “No”, move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	<input 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: _____	D2c	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<input 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.	D2c, E1f, E1g, E1h	<input 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.	D2p, E2l	<input 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.	E2h, D2q, E2l, D2c	<input type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

5. Impact on Flooding
 The proposed action may result in development on lands subject to flooding. NO YES
 (See Part 1. E.2)
If “Yes”, answer questions a - g. If “No”, move on to Section 6.

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

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

6. Impacts on Air			
The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2h	<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.	D2g	<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.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	<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.	D2s	<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. m.-q.) <i>If "Yes", answer questions a - j. If "No", move on to Section 8.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	<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.	E2o	<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.	E2p	<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.	E2p	<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.	E3c	<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: _____	E2n	<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.	E2m	<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: _____	E1b	<input type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<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. and b.)		<input type="checkbox"/> NO	<input type="checkbox"/> YES
<i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<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).	E1a, E1b	<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.	E3b	<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.	E1b, E3a	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<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. (Part 1. E.1.a, E.1.b, E.3.h.) <i>If "Yes", answer questions a - g. If "No", go to Section 10.</i>				<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur		
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<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.	E3h, C2b	<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) ii. Year round	E3h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>		
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	<input type="checkbox"/> <input type="checkbox"/>	<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.	E3h	<input type="checkbox"/>	<input type="checkbox"/>		
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>		
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>		

10. Impact on Historic and Archeological Resources The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) <i>If "Yes", answer questions a - e. If "No", go to Section 11.</i>				<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur		
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	<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.	E3f	<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: _____	E3g	<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 “Moderate to large impact may occur”, continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	<input type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property’s setting or integrity.	E3e, E3f, E3g, E1a, E1b	<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.	E3e, E3f, E3g, E3h, C2, C3	<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.q.) <i>If “Yes”, answer questions a - e. If “No”, go to Section 12.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or “ecosystem services”, provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	<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.	C2c, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____ _____	The former rail ROW is adjacent or in proximity to a number of designated park and open space areas currently managed by NYC Parks. The potential changes to parklands that may result from the Proposed Project will therefore warrant an assessment of direct effects on area open spaces. The need for parkland alienation will also be evaluated.	<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) <i>If “Yes”, answer questions a - c. If “No”, go to Section 13.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	<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.	E3d	<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. <input type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.j) <i>If "Yes", answer questions a - f. If "No", go to Section 14.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

14. Impact on Energy The proposed action may cause an increase in the use of any form of energy. <input type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.k) <i>If "Yes", answer questions a - e. If "No", go to Section 15.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	<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.	D1f, D1q, D2k	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<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.	D1g	<input type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____ _____			

15. Impact on Noise, Odor, and Light The proposed action may result in an increase in noise, odors, or outdoor lighting. <input type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.m., n., and o.) <i>If "Yes", answer questions a - f. If "No", go to Section 16.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	<input 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.	D2m, E1d	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D2o	<input type="checkbox"/>	<input type="checkbox"/>

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input 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. f. g. and h.) <i>If "Yes", answer questions a - m. If "No", go to Section 17.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I 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.	E1d	<input type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<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.	E1g, E1h	<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 or deed restriction).	E1g, E1h	<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.	E1g, E1h	<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.	D2t	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<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.	D2r, D2s	<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.	E1f, E1g E1h	<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.	E1f, E1g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____ _____			

17. Consistency with Community Plans			
The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) <i>If “Yes”, answer questions a - h. If “No”, go to Section 18.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action’s land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	<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%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<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.	C3, D1c, D1d, D1f, D1d, E1b	<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.	C4, D2c, D2d D2j	<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)	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

18. Consistency with Community Character			
The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) <i>If “Yes”, answer questions a - g. If “No”, proceed to Part 3.</i>		<input type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	<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.	C2, C3, D1f D1g, E1a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

Project :

Date :

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

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

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

Reasons Supporting This Determination:

To complete this section:

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

Potential significant environmental effects/impacts that may result from the implementation of the proposed Staten Island North Shore Bus Rapid Transit (BRT) Project identified in EAF Parts 1 and 2 include:

- Impact on Land. Construction associated with the Proposed Action may involve the excavation and removal of natural materials exceeding 1,000 tons.
- Construction Impact. Construction associated with the proposed busway and ancillary facilities such as station areas would continue for more than one year.
- Impacts on Surface Water and Flooding. The Proposed Action would be developed within portions of the 100-year and 500-year floodplains and may result in the modification of existing drainage patterns. Given that a portion of the right-of-way and bulkhead is submerged near Snug Harbor, the Proposed Action could potentially involve effects to waterbodies including the dredging of materials exceeding 100 cubic yards, including siltation and disturbance of sediment. Additionally, the Proposed Action may result in construction within or adjoining freshwater or tidal wetlands.
- Impacts on Air Quality, Noise, Odor and Light. Construction associated with the Proposed Action may produce sound above established noise levels. The Proposed Action would also introduce outdoor lighting and associated adjacency lighting impacts to properties (especially near the elevated viaduct).
- Impacts on Transportation. Given the potential reconfiguration of a portion of Richmond Terrace to accommodate the proposed busway, the Proposed Action could result in alterations to the existing pedestrian and bicycle networks.
- Impact on Energy. The proposed BRT service is anticipated to use an electric fleet. As such, the Proposed Action may utilize more than 2,500 MW hours of electricity per year.
- Impacts on Open Space and Recreation. The former rail right-of-way is adjacent to a number of designated park and open space areas under the jurisdiction of NYC Parks. Accordingly, the Proposed Action may result in direct effects to parkland resources.
- Impacts on Cultural and Aesthetic Resources. The Proposed Action may occur within or substantially contiguous to one or more listed or potentially eligible State or National Register of Historic Places (S/NRHP) properties or archaeologically sensitive areas. With respect to visual resources, the Proposed Action may be visible from publicly accessible vantage points and during routine activities such as travelling to and from work.
- Impact on Human Health. Given the industrial waterfront uses along significant portions of the right-of-way, as well as the longstanding historic use of the right-of-way as a transportation corridor, the Proposed Action may have an impact on human health from exposure to new or existing sources of contaminants.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: Type 1 Unlisted

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

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

Staten Island North Shore Alternatives Analysis (August 2012)

Staten Island North Shore Alternatives Analysis Supplement Considering St. George Transit Access Options (June 2019)

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Metropolitan Transportation Authority-New York City Transit _____ 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: Implementation of the Staten Island North Shore Bus Rapid Transit (BRT) Project

Name of Lead Agency: Metropolitan Transportation Authority-New York City Transit

Name of Responsible Officer in Lead Agency: Eric Bohn

Title of Responsible Officer: Manager, Capital Projects, NYCT Operations Planning

Signature of Responsible Officer in Lead Agency: 

Date: 9/12/19

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person: Eric Bohn, Manager, Capital Projects, NYCT Operations Planning

Address: 2 Broadway, 17th Floor, New York, NY 10004

Telephone Number: 646.252.5165

E-mail: eric.bohn@nyct.com

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

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)

Other involved agencies (if any)

Applicant (if any)

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