

# APPENDIX G

## FORMS

Contents:

NEPA Assessment Checklist  
Full Environmental Assessment Form  
Pedestrian Generator Checklist

FINAL DESIGN REPORT

CODDINGTON ROAD  
(COUNTY ROUTE 119)

DANBY TOWN LINE TO CITY OF ITHACA LINE

TOWN OF ITHACA  
TOMPKINS COUNTY, NEW YORK

NYSDOT PIN 3753.24

AUGUST 2007

**NEPA ASSESSMENT CHECKLIST  
CODDINGTON ROAD RECONSTRUCTION**

Answer the following questions by checking YES or NO.

<b>I. THRESHOLD QUESTION</b>	<b>YES</b>	<b>NO</b>
1. Does the project involve unusual circumstances as described in 23 CFR §771.117(b)?	_____	_____ ✓

- If YES, the project does not qualify as a Categorical Exclusion and an EA or EIS is required. You may STOP COMPLETING THE CHECKLIST.
- If NO, go on.

<b>II. AUTOMATIC CATEGORICAL EXCLUSION</b>	<b>YES</b>	<b>NO</b>
2. Is the project an action listed as an Automatic Categorical Exclusion in 23 CFR §771.117(c) (C List) and/or is the project an element-specific project classified by FHWA as a Categorical Exclusion on July 22, 1996?	_____	_____ ✓

- If YES to question 2, the project qualifies for a C List Categorical Exclusion. You may STOP COMPLETING THE CHECKLIST. The checklist should be included in the appendix of the Final Design Report (or Scope Summary Memorandum/Final Design Report). The CATEGORICAL EXCLUSION DETERMINATION memo is to be sent to the appropriate Main Office Design liaison unit with a copy of the Final Design Report (or Scope Summary Memorandum/Final Design Report). A copy of the CATEGORICAL EXCLUSION DETERMINATION memo must also be sent to the Office of Budget and Finance, Project and Letting Management, and others (see sample DETERMINATION memo attached).

(Note - Even if YES to question 2, there may be specific environmental issues that still require an action such as an EO 11990 Wetland Finding or a determination of effect on cultural resources. The project is still an Automatic Categorical Exclusion but the necessary action must be taken, such as obtaining FHWA's signature on the wetland finding. Refer to the appropriate section of the Environmental Procedures Manual for guidance.)

- If NO to question 2, go on.

<b>III. PROGRAMMATIC CATEGORICAL EXCLUSION</b>	<b>YES</b>	<b>NO</b>
3. Is the project on new location or does it involve a change in the functional classification or added mainline capacity (add through-traffic lanes)?	_____	_____ ✓

	YES	NO
4. Is this a Type I project under 23 CFR 772, "Procedures for Abatement of Highway Traffic Noise and Construction"?	_____	_____ ✓
5. If the project is located within the limits of a designated sole source aquifer area or the associated stream flow source area, is the drainage pattern altered?	_____	_____ ✓
6. Does the project involve changes in travel patterns?	_____	_____ ✓
7. Does the project involve the acquisition of more than minor amounts of temporary or permanent right-of-way (a minor amount of right-of-way is defined as not more than 10 percent of a parcel for parcels under 4 ha (10 acres) in size, 0.4 ha (1 acre) of a parcel 4 ha to 40.5 ha (10 to 100 acres) in size and 1 percent of a parcel for parcels greater than 40.5 ha (100 acres) in size?	_____	_____ ✓
8. Does the project require a Section 4(f) evaluation and determination in accordance with the FHWA guidance?	_____	_____ ✓
9. Does the project involve commercial or residential displacement?	_____	_____ ✓
10. If Section 106 applies, does FHWA's determination indicate an opinion of adverse effect?	_____	_____ ✓
11. Does the project involve any work in wetlands requiring a Nationwide Wetland Permit #23?	_____	_____ ✓
12. Does the project involve any work in wetlands requiring an individual Executive Order 11990 Wetland Finding?	_____	_____ ✓
13. Has it been determined that the project will significantly encroach upon a flood plain based on preliminary hydraulic analysis and consideration of EO 11988 criteria as appropriate?	_____	_____ ✓
14. Does the project involve construction in, across or adjacent to a river designated as a component proposed for or included in the National System of Wild and Scenic Rivers?	_____	_____ ✓
15. Does the project involve any change in access control	_____	_____ ✓

	YES	NO
16. Does the project involve any known hazardous materials sites or previous land uses with potential for hazardous material remains within the right-of-way?	_____	_____ ✓ _____
17. Does the project occur in an area where there are Federally listed endangered or threatened species or critical habitat?	_____	_____ ✓ _____
18. Is the project, pursuant to EPM Chapter 1A and Table 2 and Table 3 of 40 CFR Parts 51 and 93, non-exempt or does it exceed any ambient air quality standard?	_____	_____ ✓ _____
19. Does the project lack consistency with the New York State Coastal Zone Management Plan and policies of the Department of State, Office of Coastal Zone Management?	_____	_____ ✓ _____
20. Does the project impact or acquire any Prime or Unique Farmland as defined in 7 CFR Part 657 of the Federal Farmland Protection Policy Act <u>and are there outstanding compliance activities necessary?</u> (Note: Interpret compliance activity to mean completion of Form AD 1006.)	_____	_____ ✓ _____

- If NO for questions, 3-20, go on to answer question 21.
- If YES to any question 3-20, project will not qualify as a Programmatic Categorical Exclusion. Answer questions 21 and 22 for documentation only and go on to question 23.

	YES	NO
21. Does the project involve the use of a temporary road, detour or ramp closure?	_____ ✓ _____	_____

- If NO to questions 3-20 and NO to question 21, the project qualifies as a Programmatic Categorical Exclusion. You may STOP COMPLETING THE CHECKLIST. The checklist should be included in the appendix of the Final Design Report (or Scope Summary Memorandum/Final Design Report). The CATEGORICAL EXCLUSION DETERMINATION memo is to be sent to the appropriate Main Office Design liaison unit with a copy of the Final Design Report (or Scope Summary Memorandum/Final Design Report). A copy of the Categorical Exclusion memo must also be sent to the Office of Budget and Finance, Project and Letting Management, and others (see sample DETERMINATION memo attached).
- If YES to question 21, preparer should complete question 22 (i-v). If questions 3-20 are NO and 21 is YES, the project will still qualify as a Programmatic Categorical Exclusion if questions 22 (i-v) are YES.

YES	NO

22. Since the project involves the use of temporary road, detour or ramp closure, will all of the following conditions be met:

i. Provisions will be made for pedestrian access, where warranted, and access by local traffic and so posted.

✓	
---	--

ii. Through-traffic dependent business will not be adversely affected.

✓	
---	--

iii. The detour or ramp closure, to the extent possible, will not interfere with any local special event or festival.

✓	
---	--

iv. The temporary road, detour or ramp closure does not substantially change the environmental consequences of the action

✓	
---	--

v. There is no substantial controversy associated with the temporary road, detour or ramp closure.

✓	
---	--

- If questions 3-20 are NO, 21 is YES and 22 (i-v) are YES, the project qualifies for a Programmatic Categorical Exclusion. You may STOP COMPLETING THE CHECKLIST. The checklist should be included in the appendix of the Final Design Report (or Scope Summary Memorandum/Final Design Report). The CATEGORICAL EXCLUSION DETERMINATION memo should be sent to the appropriate Main Office Design liaison unit with a copy of the Final Design Report (or Scope Summary Memorandum/Final Design Report.) A copy of the CATEGORICAL EXCLUSION DETERMINATION memo must also be sent to the Office of Budget and Finance, Project and Letting Management, and others (see sample DETERMINATION memo attached).
- If questions 3-20 are NO, 21 is YES and any part of 22 is NO, go on to question 23.

YES	NO
_____	_____

23. Is the project section listed in 23 CFR §771.117(d) (D List) or is the project an action similar to those listed in 23 CFR §771.117(d)?

For those questions which precluded a Programmatic Categorical Exclusion, documentation should be provided for any YES response to questions 3-20 or for a NO response to any part of questions 22 (i-v). This documentation, as well as the checklist, should be included in the Design Approval Document, i.e., Final Design Report, etc., to be submitted to the Main Office/FHWA Design liaison unit for submission to the FHWA Division for classification of the project as a D List Categorical Exclusion.

**617.20**  
**Appendix A**  
**State Environmental Quality Review**  
**FULL ENVIRONMENTAL ASSESSMENT FORM**

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

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

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

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

**THIS AREA FOR LEAD AGENCY USE ONLY**

**DETERMINATION OF SIGNIFICANCE -- Type 1 and Unlisted Actions**

**Identify the Portions of EAF completed for this project:**

Part 1

Part 2

Part 3

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

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

\*A Conditioned Negative Declaration is only valid for Unlisted Actions

Coddington Road Improvement Project (PIN 3753.24)

Name of Action

Tompkins County

Name of Lead Agency

Mr. John Lampman

Project Manager

Print or Type Name of Responsible Officer in Lead Agency

Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

Signature of Preparer (If different from responsible officer)

**PART 1--PROJECT INFORMATION**  
**Prepared by Project Sponsor**

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

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

Name of Action Coddington Road Improvement Project

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

Coddington Road from the intersection of Troy Road to the Town of Danby Line, Town of Ithaca, Tompkins County.

Name of Applicant/Sponsor Tompkins County Department of Public Works

Address 170 Bostwick Road

City / PO Ithaca State NY Zip Code 14850

Business Telephone 607-274-0307

Name of Owner (if different) \_\_\_\_\_

Address \_\_\_\_\_

City / PO \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Business Telephone \_\_\_\_\_

Description of Action:

The Coddington Road improvement project includes the full depth reconstruction of the roadway from the intersection of Troy Road south to the Town of Danby line. The reconstruction will include replacement of utilities, minor to moderate changes to the horizontal and vertical alignment of the roadway, drainage improvements, and improved added access for pedestrians and bicyclists.

Additionally, there are proposed geometry improvements to the intersecting side streets to improve safety, and the drainage system will be converted to a closed drainage system with gutters and drainage basins.

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

**A. SITE DESCRIPTION**

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

1. Present Land Use:  Urban     Industrial     Commercial     Residential (suburban)     Rural (non-farm)  
 Forest     Agriculture     Other Conservation and recreation
- 
- 

2. Total acreage of project area: 11.7 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	<u>0.3</u> acres	<u>0.3</u> acres
Forested	<u>0.1</u> acres	<u>0.1</u> acres
Agricultural (Includes orchards, cropland, pasture, etc.)	<u>0</u> acres	<u>0</u> acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	<u>0.3</u> acres	<u>0.3</u> acres
Water Surface Area	<u>0.1</u> acres	<u>0.1</u> acres
Unvegetated (Rock, earth or fill)	<u>2.0</u> acres	<u>1.4</u> acres
Roads, buildings and other paved surfaces	<u>8.9</u> acres	<u>9.5</u> acres
Other (Indicate type) _____	<u>NA</u> acres	_____ acres

3. What is predominant soil type(s) on project site?

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

b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? 0 acres (see 1 NYCRR 370).

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

a. What is depth to bedrock 0-20.0 (in feet)

5. Approximate percentage of proposed project site with slopes:

- 0-10% 60 %     10- 15% 25 %     15% or greater 15 %

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

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

8. What is the depth of the water table? appr. 20.0 (in feet)

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

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

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

According to:

NYSDEC Region 7 responded that there are six (6) vascular plants, one (1) invertebrate animal, and one (1) community near the project corridor. However, these species will not be disturbed during the reconstruction as they are located outside the corridor.

Identify each species:

Confidential as directed by agencies.

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

Yes  No

Describe:

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

Yes  No

If yes, explain:

A recreation trail (South Hill Recreation Way) is adjacent to the project corridor along with the Finger Lakes Conservation Easement. The proposed project does not cross or impact the trail corridor.

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

15. Streams within or contiguous to project area:

One named (Sixmile Creek) and five (5) un-named tributaries of the Cayuga Lake drainage area.

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

Sixmile Creek  
Ithaca Reservoir  
Cayuga Lake

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

Isolated federal jurisdictional wetlands are adjacent to the project area, generally at stream locations, along with the adjacent Ithaca Reservoir.

b. Size (in acres):

Approximately 60-acres adjacent to the project corridor.

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

20. Has the site ever been used for the disposal of solid or hazardous wastes?  Yes  No

**B. Project Description**

1. Physical dimensions and scale of project (fill in dimensions as appropriate).

- a. Total contiguous acreage owned or controlled by project sponsor: 11.7 acres.
- b. Project acreage to be developed: 11.7 acres initially; 11.7 acres ultimately.
- c. Project acreage to remain undeveloped: 0.8 acres.
- d. Length of project, in miles: 1.9 (if appropriate)
- e. If the project is an expansion, indicate percent of expansion proposed. 0 %
- f. Number of off-street parking spaces existing 0; proposed 0
- g. Maximum vehicular trips generated per hour: 10.0 (upon completion of project)?
- h. If residential: Number and type of housing units:

	One Family	Two Family	Multiple Family	Condominium
Initially	<u>NA</u>	<u>                    </u>	<u>                    </u>	<u>                    </u>
Ultimately	<u>                    </u>	<u>                    </u>	<u>                    </u>	<u>                    </u>

- i. Dimensions (in feet) of largest proposed structure:                      height;                      width;                      length.
- j. Linear feet of frontage along a public thoroughfare project will occupy is?                      ft.

2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? 1200 tons/cubic yards.

3. Will disturbed areas be reclaimed  Yes  No  N/A

a. If yes, for what intended purpose is the site being reclaimed?

Highway

- b. Will topsoil be stockpiled for reclamation?  Yes  No
- c. Will upper subsoil be stockpiled for reclamation?  Yes  No

4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? <1 acres.

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

Yes  No

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

7. If multi-phased:

a. Total number of phases anticipated 2 (number)

b. Anticipated date of commencement phase 1: 8 month 2007 year, (including demolition)

c. Approximate completion date of final phase: 12 month 2008 year.

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

8. Will blasting occur during construction?  Yes  No

9. Number of jobs generated: during construction 50; after project is complete 0

10. Number of jobs eliminated by this project 0.

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

If yes, explain:

12. Is surface liquid waste disposal involved?  Yes  No

a. If yes, indicate type of waste (sewage, industrial, etc) and amount \_\_\_\_\_

b. Name of water body into which effluent will be discharged \_\_\_\_\_

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

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

If yes, explain:

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

16. Will the project generate solid waste?  Yes  No

a. If yes, what is the amount per month? 5 tons

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

c. If yes, give name TBD; location TBD

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

e. If yes, explain:

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

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

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

18. Will project use herbicides or pesticides?  Yes  No

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

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

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

If yes, indicate type(s)

Limited additional energy consumption by construction equipment during site construction. No-long term energy consumption changes are anticipated.

22. If water supply is from wells, indicate pumping capacity \_\_\_NA\_\_\_ gallons/minute.

23. Total anticipated water usage per day \_\_\_NA\_\_\_ gallons/day.

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

If yes, explain:

Town of Ithaca: Financial funding  
NYSDOT Funding  
FHWA Transportation Enhancement Project (TEP) funding

**25. Approvals Required:**

			Type	Submittal Date
City, Town, Village Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<u>Funding approvals</u>	_____
			_____	_____
			_____	_____
City, Town, Village Planning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, Town Zoning Board	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	_____
			_____	_____
			_____	_____
City, County Health Department	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Water and sewer</u>	_____
			_____	_____
			_____	_____
Other Local Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Town of Ithaca - utilities</u>	_____
			_____	_____
			_____	_____
Other Regional Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>Tompkins Co. Hwy Permit</u>	_____
			<u>Tompkins Co. Design App.</u>	_____
			_____	_____
State Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>NYSDEC Joint Application</u>	_____
			<u>NYSDEC SPDES Permit</u>	_____
			<u>NYSOPRHP</u>	_____
			<u>NYSDOT Work Permit</u>	_____
Federal Agencies	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<u>USACE Joint Application</u>	_____
			<u>FHWA Design approval</u>	_____
			<u>and concurrence</u>	_____

**C. Zoning and Planning Information**

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

If Yes, indicate decision required:

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

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

Highway with adjacent zones of High Density Residential (HDR), Medium Density Residential (MDR), Low Density Residential (LDR), and Multiple Residence (MR).

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

NA

4. What is the proposed zoning of the site?

No proposed zoning changes

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

No changes will occur.

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

Project is consistent with local land use plans and area Comprehensive Plan

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

Residential, light industrial, and conservation

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

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

a. What is the minimum lot size proposed? \_\_\_\_\_

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

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

Yes  No

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

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

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

**D. Informational Details**

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

**E. Verification**

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

Applicant/Sponsor Name Tompkins County Department of Public Works Date 04/02/07

Signature \_\_\_\_\_

Title \_\_\_\_\_

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

## PART 2 - PROJECT IMPACTS AND THEIR MAGNITUDE

### Responsibility of Lead Agency

**General Information** (Read Carefully)

- ! In completing the form the reviewer should be guided by the question: Have my responses and determinations been **reasonable?** The reviewer is not expected to be an expert environmental analyst.
- ! The **Examples** provided are to assist the reviewer by showing types of impacts and wherever possible the threshold of magnitude that would trigger a response in column 2. The examples are generally applicable throughout the State and for most situations. But, for any specific project or site other examples and/or lower thresholds may be appropriate for a Potential Large Impact response, thus requiring evaluation in Part 3.
- ! The impacts of each project, on each site, in each locality, will vary. Therefore, the examples are illustrative and have been offered as guidance. They do not constitute an exhaustive list of impacts and thresholds to answer each question.
- ! The number of examples per question does not indicate the importance of each question.
- ! In identifying impacts, consider long term, short term and cumulative effects.

**Instructions** (Read carefully)

- a. Answer each of the 20 questions in PART 2. Answer **Yes** if there will be **any** impact.
- b. **Maybe** answers should be considered as **Yes** answers.
- c. If answering **Yes** to a question then check the appropriate box(column 1 or 2)to indicate the potential size of the impact. If impact threshold equals or exceeds any example provided, check column 2. If impact will occur but threshold is lower than example, check column 1.
- d. Identifying that an Impact will be potentially large (column 2) does not mean that it is also necessarily **significant**. Any large impact must be evaluated in PART 3 to determine significance. Identifying an impact in column 2 simply asks that it be looked at further.
- e. If reviewer has doubt about size of the impact then consider the impact as potentially large and proceed to PART 3.
- f. If a potentially large impact checked in column 2 can be mitigated by change(s) in the project to a small to moderate impact, also check the **Yes** box in column 3. A **No** response indicates that such a reduction is not possible. This must be explained in Part 3.

1	2	3
Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change

#### Impact on Land

1. Will the Proposed Action result in a physical change to the project site?

NO  YES

**Examples** that would apply to column 2

- |  |                                     |                          |                              |  |
|--|-------------------------------------|--------------------------|------------------------------|--|
| • Any construction on slopes of 15% or greater, (15 foot rise per 100 foot of length), or where the general slopes in the project area exceed 10%. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| • Construction on land where the depth to the water table is less than 3 feet.   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Construction of paved parking area for 1,000 or more vehicles.   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface.   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| • Construction that will continue for more than 1 year or involve more than one phase or stage.  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| • Excavation for mining purposes that would remove more than 1,000 tons of natural material (i.e., rock or soil) per year.                         | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Construction or expansion of a sanitary landfill.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction in a designated floodway.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Project is non-residential and exceeds the threshold of the physical alteration of more than 10-acres [617.4(b)(6)(i)].

2. Will there be an effect to any unique or unusual land forms found on the site? (i.e., cliffs, dunes, geological formations, etc.)

NO  YES

• Specific land forms:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
------------------------	--------------------------	--------------------------	--

**Impact on Water**

3. Will Proposed Action affect any water body designated as protected? (Under Articles 15, 24, 25 of the Environmental Conservation Law, ECL)

NO  YES

**Examples** that would apply to column 2

• Developable area of site contains a protected water body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Dredging more than 100 cubic yards of material from channel of a protected stream.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Extension of utility distribution facilities through a protected water body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction in a designated freshwater or tidal wetland.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

4. Will Proposed Action affect any non-protected existing or new body of water?

NO  YES

**Examples** that would apply to column 2

• A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Construction of a body of water that exceeds 10 acres of surface area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No



1	2	3
Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change

6. Will Proposed Action alter drainage flow or patterns, or surface water runoff?

NO  YES

**Examples** that would apply to column 2

- |  |                                     |                          |                              |  |
|--|-------------------------------------|--------------------------|------------------------------|--|
| • Proposed Action would change flood water flows                   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Proposed Action may cause substantial erosion.                   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Proposed Action is incompatible with existing drainage patterns. | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Proposed Action will allow development in a designated floodway. | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Other impacts:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

During construction, drainage will be altered but controlled with proper erosion and sediment controls. The project will require a Construction SPDES Permit.

**IMPACT ON AIR**

7. Will Proposed Action affect air quality?

NO  YES

**Examples** that would apply to column 2

- |   |                          |                          |                              |                             |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Proposed Action will induce 1,000 or more vehicle trips in any given hour.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will result in the incineration of more than 1 ton of refuse per hour.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Emission rate of total contaminants will exceed 5 lbs. per hour or a heat source producing more than 10 million BTU's per hour. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow an increase in the amount of land committed to industrial use.                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Proposed Action will allow an increase in the density of industrial development within existing industrial areas.               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| • Other impacts:  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

**IMPACT ON PLANTS AND ANIMALS**

8. Will Proposed Action affect any threatened or endangered species?

NO  YES

**Examples** that would apply to column 2

- |   |                          |                          |                              |                             |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|
| • Reduction of one or more species listed on the New York or Federal list, using the site, over or near the site, or found on the site. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|---|--------------------------|--------------------------|------------------------------|-----------------------------|

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Removal of any portion of a critical or significant wildlife habitat.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

9. Will Proposed Action substantially affect non-threatened or non-endangered species?

NO  YES

**Examples** that would apply to column 2

- |  | 1<br>Small to<br>Moderate<br>Impact | 2<br>Potential<br>Large<br>Impact | 3<br>Can Impact Be<br>Mitigated by<br>Project Change     |
|--|-------------------------------------|-----------------------------------|--|
| • Proposed Action would substantially interfere with any resident or migratory fish, shellfish or wildlife species.                          | <input type="checkbox"/>            | <input type="checkbox"/>          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation. | <input type="checkbox"/>            | <input type="checkbox"/>          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • Other impacts:   | <input type="checkbox"/>            | <input type="checkbox"/>          | <input type="checkbox"/> Yes <input type="checkbox"/> No |

**IMPACT ON AGRICULTURAL LAND RESOURCES**

10. Will Proposed Action affect agricultural land resources?

NO  YES

**Examples** that would apply to column 2

- |  | 1<br>Small to<br>Moderate<br>Impact | 2<br>Potential<br>Large<br>Impact | 3<br>Can Impact Be<br>Mitigated by<br>Project Change     |
|--|-------------------------------------|-----------------------------------|--|
| • The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.)                                 | <input type="checkbox"/>            | <input type="checkbox"/>          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • Construction activity would excavate or compact the soil profile of agricultural land.   | <input type="checkbox"/>            | <input type="checkbox"/>          | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • The Proposed Action would irreversibly convert more than 10 acres of agricultural land or, if located in an Agricultural District, more than 2.5 acres of agricultural land. | <input type="checkbox"/>            | <input type="checkbox"/>          | <input type="checkbox"/> Yes <input type="checkbox"/> No |

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• The Proposed Action would disrupt or prevent installation of agricultural land management systems (e.g., subsurface drain lines, outlet ditches, strip cropping); or create a need for such measures (e.g. cause a farm field to drain poorly due to increased runoff).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

**IMPACT ON AESTHETIC RESOURCES**

11. Will Proposed Action affect aesthetic resources? (If necessary, use the Visual EAF Addendum in Section 617.20, Appendix B.)

NO  YES

**Examples** that would apply to column 2

• Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed land uses, or project components visible to users of aesthetic resources which will eliminate or significantly reduce their enjoyment of the aesthetic qualities of that resource.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Project components that will result in the elimination or significant screening of scenic views known to be important to the area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

**IMPACT ON HISTORIC AND ARCHAEOLOGICAL RESOURCES**

12. Will Proposed Action impact any site or structure of historic, prehistoric or paleontological importance?

NO  YES

**Examples** that would apply to column 2

• Proposed Action occurring wholly or partially within or substantially contiguous to any facility or site listed on the State or National Register of historic places.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
• Any impact to an archaeological site or fossil bed located within the project site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

**IMPACT ON OPEN SPACE AND RECREATION**

13. Will proposed Action affect the quantity or quality of existing or future open spaces or recreational opportunities?  
 NO     YES

**Examples** that would apply to column 2

- |   |                          |                          |  |
|---|--------------------------|--------------------------|--|
| • The permanent foreclosure of a future recreational opportunity. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • A major reduction of an open space important to the community.  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • Other impacts:  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

**IMPACT ON CRITICAL ENVIRONMENTAL AREAS**

14. Will Proposed Action impact the exceptional or unique characteristics of a critical environmental area (CEA) established pursuant to subdivision 6NYCRR 617.14(g)?  
 NO     YES

List the environmental characteristics that caused the designation of the CEA.

**Examples** that would apply to column 2

- |   |                          |                          |  |
|---|--------------------------|--------------------------|--|
| • Proposed Action to locate within the CEA?                                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • Proposed Action will result in a reduction in the quantity of the resource? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • Proposed Action will result in a reduction in the quality of the resource?  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • Proposed Action will impact the use, function or enjoyment of the resource? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| • Other impacts:  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes <input type="checkbox"/> No |

1	2	3
Small to Moderate Impact	Potential Large Impact	Can Impact Be Mitigated by Project Change

**IMPACT ON TRANSPORTATION**

15. Will there be an effect to existing transportation systems?

NO  YES

**Examples** that would apply to column 2

- |  |                                     |                          |                              |  |
|--|-------------------------------------|--------------------------|------------------------------|--|
| • Alteration of present patterns of movement of people and/or goods. | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Proposed Action will result in major traffic problems.             | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Other impacts:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Improvements to the transportation corridor.

**IMPACT ON ENERGY**

16. Will Proposed Action affect the community's sources of fuel or energy supply?

NO  YES

**Examples** that would apply to column 2

- |   |                                     |                          |                              |  |
|---|-------------------------------------|--------------------------|------------------------------|--|
| • Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality.   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • 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 major commercial or industrial use. | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Other impacts:  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Limited increase to energy consumption due to construction equipment.

**NOISE AND ODOR IMPACT**

17. Will there be objectionable odors, noise, or vibration as a result of the Proposed Action?

NO  YES

**Examples** that would apply to column 2

- |  |                                     |                          |                              |  |
|--|-------------------------------------|--------------------------|------------------------------|--|
| • Blasting within 1,500 feet of a hospital, school or other sensitive facility.  | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Odors will occur routinely (more than one hour per day).   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures. | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Proposed Action will remove natural barriers that would act as a noise screen.   | <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input type="checkbox"/> No            |
| • Other impacts:   | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

There will be minor noise impact during the construction phase only due to the construction equipment.



	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Proposed Action will set an important precedent for future projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Proposed Action will create or eliminate employment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No
• Other impacts:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yes <input type="checkbox"/> No

20. Is there, or is there likely to be, public controversy related to potential adverse environment impacts?  
 NO     YES

**If Any Action in Part 2 Is Identified as a Potential Large Impact or If you Cannot Determine the Magnitude of Impact, Proceed to Part 3**

## Part 3 - EVALUATION OF THE IMPORTANCE OF IMPACTS

### Responsibility of Lead Agency

Part 3 must be prepared if one or more impact(s) is considered to be potentially large, even if the impact(s) may be mitigated.

**Instructions** (If you need more space, attach additional sheets)

Discuss the following for each impact identified in Column 2 of Part 2:

1. Briefly describe the impact.
2. Describe (if applicable) how the impact could be mitigated or reduced to a small to moderate impact by project change(s).
3. Based on the information available, decide if it is reasonable to conclude that this impact is **important**.

To answer the question of importance, consider:

- ! The probability of the impact occurring
- ! The duration of the impact
- ! Its irreversibility, including permanently lost resources of value
- ! Whether the impact can or will be controlled
- ! The regional consequence of the impact
- ! Its potential divergence from local needs and goals
- ! Whether known objections to the project relate to this impact.

**Attachment A**

**PEDESTRIAN GENERATOR CHECKLIST**

*Note: The term "generator" in this document refers to both pedestrian generators (where pedestrians originate) and destinations (where pedestrians travel to)*

*A check of yes indicates a potential need to accommodate pedestrians and coordination with the Regional Bicycle and Pedestrian Coordinator is necessary during project scoping. Answers to the following questions should be checked with the local municipality to ensure accuracy.*

1.	Is there an existing or planned sidewalk, trail, or pedestrian crossing facility?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
2.	Are there bus stops, transit stations, or depots/terminals located in or within 800 m of the project area?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
3.	Is there more than occasional pedestrian activity? Evidence of pedestrian activity may include a worn path.	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
4.	Are there existing or approved plans for generators of pedestrian activity in or within 800 m of the project that promote or have the potential to promote pedestrian traffic in the project area, such as schools, parks, playgrounds, places of employment, places of worship, post offices, municipal buildings, restaurants, shopping centers or other commercial areas, or multiuse paths?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
5.	Are there existing or approved plans for seasonal generators of pedestrian activity in or within 800 m of the project that promote or have the potential to promote pedestrian traffic in the project area, such as ski resorts, state parks, camps, amusement parks?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
6.	Is the project located in a residential area within 800 m of existing or planned pedestrian generators such as those listed in #4?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
7.	From record plans, were pedestrian facilities removed during a previous highway reconstruction project?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
8.	Did a study of secondary impacts indicate that the project promotes or is likely to promote commercial and/or residential development within the intended life cycle of the project?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
9.	Does the community's comprehensive plan call for development of pedestrian facilities in the area?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

*Note: This checklist should be revisited due to a project delay or if site conditions or local planning changes during the project development process.*