***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.

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## 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

*Tompkins County Public Safety Communications Project*
Name of Action

*Tompkins County Board of Representatives*
Name of Lead Agency

*Stephen Whicher*
Print or Type Name of Responsible Officer in Lead Agency

*County Administrator*
Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

Signature of Preparer (If different from responsible officer)

Date



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## 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 *Tompkins County Public Safety Communications Project*

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

*Tompkins County, NY*

Name of Applicant/Sponsor *Tompkins County Board of Representatives*

Address *125 East Court Street*

City / PO *Ithaca* State *NY* Zip Code *14850*

Business Telephone *(607) 274-5551*

Name of Owner (if different)

Address

City / PO State Zip Code

Business Telephone

Description of Action:

*Tompkins County is seeking to replace and/or enhance the communication system currently in use by public safety (fire, EMS and police) officials and other government agencies countywide. The current system, composed of several independent systems woven together to provide for voice and data transfer, is thirty to forty years old and incorporates dozens of isolated radio frequencies, many of which are incompatible. Currently, much of the primary system used for voice communication uses an analog signal which makes it prone to interference; it is also becoming increasing obsolete due to the Federal Communications Commission's actions narrowing bandwidth.*

*The overall Project is the construction and operation of a wireless public safety communications system using 800-MHz frequencies and digital, trunked technology. As a part of the Project, opportunities to collaborate with the New York State Office of Technology's Statewide Wireless Network will also be explored.*

*Due to the complexity of wireless communication systems and the variety of potential alternatives, the site-specific questions included in "Part1 - Project Information" of this EAF have not been addressed, as they are unknown at this time. These questions will be addressed in the Environmental Impact Statement (please see Draft Scope for more details). Despite the fact that site-specific details currently unknown, there are impacts that potentially may occur, regardless of the sites selected. The responses to questions included in "Part II - Project Impacts and Their Magnitude" are based on these potential impacts.*



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

## A. SITE DESCRIPTION *specific details are unknown at this time*

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 _____

2. Total acreage of project area:_____acres.

| APPROXIMATE ACREAGE | PRESENTLY | AFTER COMPLETION |
|---|---|---|
| Meadow or Brushland (Non-agricultural) | _____acres | _____ acres |
| Forested | _____acres | _____ acres |
| Agricultural (Includes orchards, cropland, pasture, etc.) | _____acres | _____ acres |
| Wetland (Freshwater or tidal as per Articles 24,25 of ECL) | _____acres | _____ acres |
| Water Surface Area | _____acres | _____ acres |
| Unvegetated (Rock, earth or fill) | _____acres | _____ acres |
| Roads, buildings and other paved surfaces | _____acres | _____ acres |
| Other (Indicate type) _____ | _____acres | _____ acres |

3. What is predominant soil type(s) on project site? *unknown at this time*
   a. Soil drainage: ☐ Well drained _____% of site ☐ Moderately well drained _____% of site.
   ☐ Poorly drained _____% 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? _____ acres (see 1 NYCRR 370).

4. Are there bedrock outcroppings on project site? ☐ Yes ☐ No
   a. What is depth to bedrock _____ (in feet)

5. Approximate percentage of proposed project site with slopes:
   ☐ 0-10% _____% ☐ 10- 15% _____% ☐ 15% or greater _____%

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? _____(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



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

According to:

Identify each species:

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:

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:

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

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

b. Size (in acres):



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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** *specific details are unknown at this time*

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

a. Total contiguous acreage owned or controlled by project sponsor: _____ acres.

b. Project acreage to be developed: _____ acres initially; _____ acres ultimately.

c. Project acreage to remain undeveloped: _____ acres.

d. Length of project, in miles: _____ (if appropriate)

e. If the project is an expansion, indicate percent of expansion proposed. _____ %

f. Number of off-street parking spaces existing _____; proposed _____

g. Maximum vehicular trips generated per hour: _____ (upon completion of project)?

h. If residential: Number and type of housing units:

| | One Family | Two Family | Multiple Family | Condominium |
|---|---|---|---|---|
| Initially | _____ | _____ | _____ | _____ |
| Ultimately | _____ | _____ | _____ | _____ |

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? _____ 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?

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? _____ acres. *unknown at this time*



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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: _____ months, (including demolition)

7. If multi-phased:

   a. Total number of phases anticipated _____ (number)

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

   c. Approximate completion date of final phase: _____ month _____ 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 _____; after project is complete

10. Number of jobs eliminated by this project _____ .

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? _____ tons

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

    c. If yes, give name _____ ; location _____

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



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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)

22. If water supply is from wells, indicate pumping capacity _____ gallons/minute.

23. Total anticipated water usage per day _____ gallons/day.

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

If yes, explain:



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**25. Approvals Required:**

| | | | Type | Submittal Date |
|---|---|---|---|---|
| City, Town, Village Board | ☐ Yes | ☐ No | | |
| City, Town, Village Planning Board | ☐ Yes | ☐ No | | |
| City, Town Zoning Board | ☐ Yes | ☐ No | | |
| City, County Health Department | ☐ Yes | ☐ No | | |
| Other Local Agencies | ☐ Yes | ☐ No | | |
| Other Regional Agencies | ☐ Yes | ☐ No | | |
| State Agencies | ☐ Yes | ☐ No | | |
| Federal Agencies | ☐ Yes | ☐ No | | |

**C. Zoning and Planning Information** *Specific details are unknown at this time*

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

If Yes, indicate decision required:

☐ Zoning amendment ☐ Zoning variance ☐ New/revision of master plan ☐ Subdivision

☐ Site plan ☐ Special use permit ☐ Resource management plan ☐ Other



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

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

4. What is the proposed zoning of the site?

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

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

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

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? _____

   a. What is the minimum lot size proposed? _____



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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** *refer to Draft Scope*

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 _____ Date _____

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.**



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# 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<br>Small to Moderate Impact | 2<br>Potential Large Impact | 3<br>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 | | | |
| C 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%. | ☒ | ☐ | ☒ Yes ☐ No |
| C Construction on land where the depth to the water table is less than 3 feet. | ☒ | ☐ | ☒ Yes ☐ No |
| C Construction of paved parking area for 1,000 or more vehicles. | ☐ | ☐ | ☐ Yes ☐ No |
| C Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface. | ☒ | ☐ | ☐ Yes ☐ No |
| C Construction that will continue for more than 1 year or involve more than one phase or stage. | ☒ | ☐ | ☐ Yes ☐ No |
| C Excavation for mining purposes that would remove more than 1,000 tons of natural material (i.e., rock or soil) per year. | ☐ | ☐ | ☐ Yes ☐ No |



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| | 1 Small to Moderate Impact | 2 Potential Large Impact | 3 Can Impact Be Mitigated by Project Change | |
|---|---|---|---|---|
| C Construction or expansion of a santary landfill. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Construction in a designated floodway. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ No |

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

| | | | | |
|---|---|---|---|---|
| C Specific land forms: | ☐ | ☐ | ☐ Yes | ☐ 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

| | | | | |
|---|---|---|---|---|
| C Developable area of site contains a protected water body. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Dredging more than 100 cubic yards of material from channel of a protected stream. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Extension of utility distribution facilities through a protected water body. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Construction in a designated freshwater or tidal wetland. | ☒ | ☐ | ☒ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ No |

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

☒ NO ☐ YES

**Examples** that would apply to column 2

| | | | | |
|---|---|---|---|---|
| C A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Construction of a body of water that exceeds 10 acres of surface area. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ No |



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

5. Will Proposed Action affect surface or groundwater quality or quantity?

☒ NO ☐ YES

**Examples** that would apply to column 2

| | | | | |
|---|---|---|---|---|
| C Proposed Action will require a discharge permit. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action requires use of a source of water that does not have approval to serve proposed (project) action. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action requires water supply from wells with greater than 45 gallons per minute pumping capacity. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Construction or operation causing any contamination of a water supply system. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will adversely affect groundwater. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Liquid effluent will be conveyed off the site to facilities which presently do not exist or have inadequate capacity. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action would use water in excess of 20,000 gallons per day. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will likely cause siltation or other discharge into an existing body of water to the extent that there will be an obvious visual contrast to natural conditions. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will require the storage of petroleum or chemical products greater than 1,100 gallons. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will allow residential uses in areas without water and/or sewer services. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action locates commercial and/or industrial uses which may require new or expansion of existing waste treatment and/or storage facilities. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ No |



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| | 1 Small to Moderate Impact | 2 Potential Large Impact | 3 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

| | 1 | 2 | 3 | |
|---|---|---|---|---|
| C Proposed Action would change flood water flows | ☒ | ☐ | ☒ Yes | ☐ No |
| C Proposed Action may cause substantial erosion. | ☒ | ☐ | ☒ Yes | ☐ No |
| C Proposed Action is incompatible with existing drainage patterns. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will allow development in a designated floodway. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ No |

**IMPACT ON AIR**

7. Will Proposed Action affect air quality?
   ☒ NO ☐ YES

**Examples** that would apply to column 2

| | 1 | 2 | 3 | |
|---|---|---|---|---|
| C Proposed Action will induce 1,000 or more vehicle trips in any given hour. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will result in the incineration of more than 1 ton of refuse per hour. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Emission rate of total contaminants will exceed 5 lbs. per hour or a heat source producing more than 10 million BTU's per hour. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will allow an increase in the amount of land committed to industrial use. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will allow an increase in the density of industrial development within existing industrial areas. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ 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

| | 1 | 2 | 3 | |
|---|---|---|---|---|
| C 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. | ☒ | ☐ | ☒ Yes | ☐ No |



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| | 1 Small to Moderate Impact | 2 Potential Large Impact | 3 Can Impact Be Mitigated by Project Change | |
|---|---|---|---|---|
| C Removal of any portion of a critical or significant wildlife habitat. | ■ | ☐ | ■ Yes | ☐ No |
| C Application of pesticide or herbicide more than twice a year, other than for agricultural purposes. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ■ | ☐ | ■ Yes | ☐ No |

*Migratory species may be attracted to structure if lit; some structures may lead to mortality.*

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

☐ NO ■ YES

**Examples** that would apply to column 2

| | | | | |
|---|---|---|---|---|
| C Proposed Action would substantially interfere with any resident or migratory fish, shellfish or wildlife species. | ■ | ☐ | ■ Yes | ☐ No |
| C Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ No |

*Migratory species may be attracted to structure if lit; some structures may lead to mortality.*

**IMPACT ON AGRICULTURAL LAND RESOURCES**

10. Will Proposed Action affect agricultural land resources?

☐ NO ■ YES

**Examples** that would apply to column 2

| | | | | |
|---|---|---|---|---|
| C The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.) | ☐ | ☐ | ☐ Yes | ☐ No |
| C Construction activity would excavate or compact the soil profile of agricultural land. | ☐ | ☐ | ☐ Yes | ☐ No |
| C 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. | ■ | ☐ | ■ Yes | ☐ No |



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| | 1 Small to Moderate Impact | 2 Potential Large Impact | 3 Can Impact Be Mitigated by Project Change |
|---|---|---|---|
| C 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). | ☐ | ☐ | ☐ Yes ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes ☐ 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

| | | | |
|---|---|---|---|
| C Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural. | ☐ | ☒ | ☒ Yes ☐ No |
| C 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. | ☒ | ☐ | ☒ Yes ☐ No |
| C Project components that will result in the elimination or significant screening of scenic views known to be important to the area. | ☒ | ☐ | ☒ Yes ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes ☐ 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

| | | | |
|---|---|---|---|
| C 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. | ☒ | ☐ | ☒ Yes ☐ No |
| C Any impact to an archaeological site or fossil bed located within the project site. | ☒ | ☐ | ☒ Yes ☐ No |
| C Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory. | ☒ | ☐ | ☒ Yes ☐ No |



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| | 1 Small to Moderate Impact | 2 Potential Large Impact | 3 Can Impact Be Mitigated by Project Change | |
|---|---|---|---|---|
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ 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

| | | | | |
|---|---|---|---|---|
| C The permanent foreclosure of a future recreational opportunity. | ☐ | ☐ | ☐ Yes | ☐ No |
| C A major reduction of an open space important to the community. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ 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

| | | | | |
|---|---|---|---|---|
| C Proposed Action to locate within the CEA? | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will result in a reduction in the quantity of the resource? | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will result in a reduction in the quality of the resource? | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will impact the use, function or enjoyment of the resource? | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes | ☐ No |



Reset

| | 1 Small to Moderate Impact | 2 Potential Large Impact | 3 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

| | 1 | 2 | 3 | |
|---|---|---|---|---|
| C Alteration of present patterns of movement of people and/or goods. | [ ] | [ ] | [ ] Yes | [ ] No |
| C Proposed Action will result in major traffic problems. | [ ] | [ ] | [ ] Yes | [ ] No |
| C Other impacts: | [■] | [ ] | [■] Yes | [ ] No |

*Occasional delays and potential damage to local roads due to delivery of oversized loads may result during construction.*

**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

| | 1 | 2 | 3 | |
|---|---|---|---|---|
| C Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality. | [ ] | [ ] | [ ] Yes | [ ] No |
| C 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. | [ ] | [ ] | [ ] Yes | [ ] No |
| C Other impacts: | [ ] | [ ] | [ ] Yes | [ ] No |

**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

| | 1 | 2 | 3 | |
|---|---|---|---|---|
| C Blasting within 1,500 feet of a hospital, school or other sensitive facility. | [ ] | [ ] | [ ] Yes | [ ] No |
| C Odors will occur routinely (more than one hour per day). | [ ] | [ ] | [ ] Yes | [ ] No |
| C Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures. | [■] | [ ] | [■] Yes | [ ] No |
| C Proposed Action will remove natural barriers that would act as a noise screen. | [ ] | [ ] | [ ] Yes | [ ] No |
| C Other impacts: | [ ] | [ ] | [ ] Yes | [ ] No |



Reset

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

**IMPACT ON PUBLIC HEALTH**

18. Will Proposed Action affect public health and safety?
☐ NO ■ YES

| | | | | |
|---|---|---|---|---|
| C Proposed Action may cause a risk of explosion or release of hazardous substances (i.e. oil, pesticides, chemicals, radiation, etc.) in the event of accident or upset conditions, or there may be a chronic low level discharge or emission. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action may result in the burial of "hazardous wastes" in any form (i.e. toxic, poisonous, highly reactive, radioactive, irritating, infectious, etc.) | ☐ | ☐ | ☐ Yes | ☐ No |
| C Storage facilities for one million or more gallons of liquefied natural gas or other flammable liquids. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action may result in the excavation or other disturbance within 2,000 feet of a site used for the disposal of solid or hazardous waste. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Other impacts: | ■ | ☐ | ■ Yes | ☐ No |

*Proposed Action may raise public health concerns related to transmission activities, and safety concerns related to structural integrity.*

**IMPACT ON GROWTH AND CHARACTER OF COMMUNITY OR NEIGHBORHOOD**

19. Will Proposed Action affect the character of the existing community?
☐ NO ■ YES

**Examples** that would apply to column 2

| | | | | |
|---|---|---|---|---|
| C The permanent population of the city, town or village in which the project is located is likely to grow by more than 5%. | ☐ | ☐ | ☐ Yes | ☐ No |
| C The municipal budget for capital expenditures or operating services will increase by more than 5% per year as a result of this project. | ■ | ☐ | ■ Yes | ☐ No |
| C Proposed Action will conflict with officially adopted plans or goals. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will cause a change in the density of land use. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Proposed Action will replace or eliminate existing facilities, structures or areas of historic importance to the community. | ☐ | ☐ | ☐ Yes | ☐ No |
| C Development will create a demand for additional community services (e.g. schools, police and fire, etc.) | ☐ | ☐ | ☐ Yes | ☐ No |



Reset

| | 1 Small to Moderate Impact | 2 Potential Large Impact | 3 Can Impact Be Mitigated by Project Change |
|---|---|---|---|
| C Proposed Action will set an important precedent for future projects. | ☐ | ☐ | ☐ Yes ☐ No |
| C Proposed Action will create or eliminate employment. | ☐ | ☐ | ☐ Yes ☐ No |
| C Other impacts: | ☐ | ☐ | ☐ Yes ☐ 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**



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## 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.

*See attached sheets.*



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## Project Impacts and Their Magnitude – continued

1. Impact on Land

Construction of the project may result in temporary disturbance of land utilized for infrastructure; however, the following actions can mitigate impacts:

- locate project infrastructure in areas where general slopes do not exceed 10%;
- construct infrastructure on land where the depth to the water table is greater than 3 feet, and where bedrock is located at least 3 feet below the ground surface; and,
- implement an erosion and sediment control plan during construction of the project.

2. Impact on Water

The proposed action may impact existing water features on a project site; however, impacts can be mitigated by taking the following actions:

- make efforts to locate infrastructure so as to minimize impacts to surface waters;
- make efforts to avoid siting infrastructure in close proximity to wetlands; and,

3. Impact on Plants and Animals

The proposed action may impact plants and animals on a project site; however, taking the following actions can mitigate impacts:

- make efforts to locate infrastructure in areas that are not habitat to threatened or endangered species, or species of concern;
- design wireless communication facilities so as to minimize species' attraction to infrastructures, and habitat loss.

4. Impact on Agricultural Land Resources

The proposed action may impact agricultural land resources; however, taking the following actions can mitigate impacts:

- make efforts to locate infrastructures so as to minimize loss of agricultural land;
- make efforts to locate infrastructures so as to minimize interference with agricultural operations; and,
- keep access roads to a minimum, and where possible, follow field edges to minimize the extent of disturbance to agricultural land.

5. Impact on Aesthetic Resources

Due to the requirements of implementing wireless communications systems, several wireless service facilities may be sited in order to transmit and receive signals throughout the geographic area being served. With careful planning, the impact of a wireless communication system, and its magnitude, can be reduced.

Efforts should be made during the design phase of the project to minimize visual impacts to the extent feasible. Design mitigation measures may include:

- limiting infrastructure lighting to the extent possible within federal guidelines;
- encouraging providers to co-locate their facilities on a single site, where technically feasible and visually desirable;
- locating wireless service facilities on other existing community facility sites, such as on water tanks or utility poles; and,
- avoiding locating facilities in visually-sensitive areas;
- developing sites with smaller geographic radii. This may permit the placement of wireless service facilities in less visible locations, but may also require the installation of more facilities per square mile than in the past.
- encouraging creative design measures to camouflage facilities by integrating them into the surrounding landscape or with existing buildings;
- screening wireless service facilities from view from public rights-of-way or scenic vistas, either via landscaping, fencing, or other architectural screening;

A final mitigation measure that may be required is the removal of all above ground infrastructure at the end of the project's life.

6. Impact on Historic and Archaeological Resources

The proposed action may impact historic and archaeological resources, however efforts can be made to locate infrastructure so as to minimize project construction and operation impacts on potentially significant cultural resources.

7. Impact on Transportation

The proposed action will not generate enough traffic during construction or operation to have an adverse effect on traffic congestion or safety. However, during construction it is anticipated that oversized loads being delivered to project sites could result in delays or damage to roads. Project construction-related damage to roads can be repaired.

8. Impact on Noise and Odor

The proposed action will not generate any odors, but may result in noise impacts. Noise impacts are not expected to be significant, and can be mitigated as follows:

- construction activities – efforts can be made to locate infrastructures in non-residential areas; if situations occur where infrastructures are located near residences, hours when construction activities will not be permitted (e.g. 6 p.m. and 8 a.m.) can be established.
- operation activities – noise impacts from operation activities are not anticipated unless facilities are equipped with generators. To minimize impacts associated with operations, efforts can be made limit the use of generators to only emergency situations when back-up power is needed.

9. Impact on Public Health

Health issues related to electromagnetic fields and radiofrequency radiation are often been a public concern with wireless communication facilities. To minimize these impacts, standards for safe human exposure to radio frequency and electromagnetic fields that have been established. In addition, there may be safety concerns pertaining to the integrity of facilities. Such concerns can be addressed during the design phase of the project through the use of structural innovations and establishment of setback requirements.

10. Impact on Growth and Character of Community or Neighborhood

Infrastructure built as a result of the Project could impact community character, and result in fiscal impacts on local communities that opt to utilize the County system; however, taking the following actions can mitigate impacts:

- make efforts to site infrastructure so as to not conflict with existing land use;
- make efforts to comply with existing zoning and municipal ordinances; and,
- make efforts to identify and obtain alternative sources of financing that could lessen potential fiscal impacts on local communities that opt to utilize the County system.