TRANSPORTATION

PROJECT REPORT

FINAL DESIGN REPORT

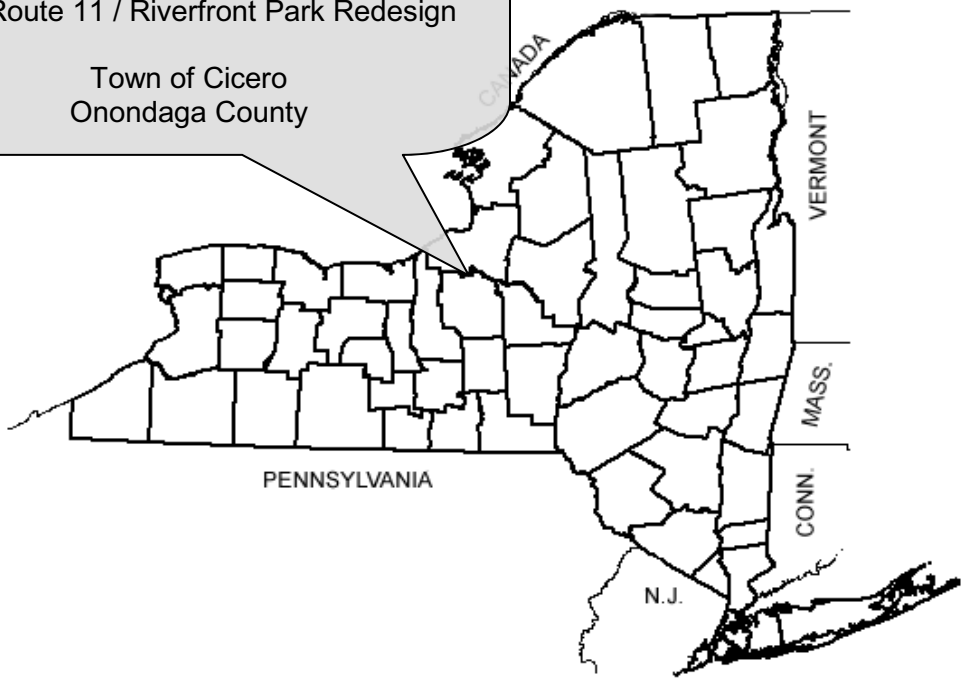
April 2020

Hamlet of Brewerton Revitalization Project

PIN 375495

U.S. Route 11 / Riverfront Park Redesign

Town of Cicero
Onondaga County



NEW YORK STATE OF OPPORTUNITY. Department of Transportation

ANDREW M. CUOMO
Governor

PAUL A. KARAS
Acting Commissioner

U.S. Department of Transportation
Federal Highway Administration

PROJECT APPROVAL SHEET

A. Recommendation for Scoping, Design, & Nonstandard Feature Approval:

All requirements requisite to these actions and approvals have been met, the required independent quality control reviews separate from the functional group reviews have been accomplished, and the work is consistent with established standards, policies, regulations and procedures, except as otherwise noted and explained.

Saratoga Associates Landscape Architects, Architects, Engineers, and Planners, P.C. 5/7/2020

B. Recommendation for Scoping, Design, & Nonstandard Feature Approval:

The Town of Cicero has reviewed the Final Design Report and concurs with the selected alternative, nonstandard features and costs associated with the project.

William H. Meyer, Jr., Town Supervisor, Town of Cicero 5-7-2020

C. Scoping, Design Approval & Nonstandard Feature Approval:

The required environmental determinations have been made and the preferred alternative for this project is ready for final design. The nonstandard features have been adequately justified and it is not prudent to eliminate them as part of this project.

David P. Smith, P.E., NYSDOT Regional Director

LIST OF PREPARERS

Consultant Responsible for Production of the Design Approval Document:

_____, RLA, Consultant Firm

John Guariglia, RLA, Associate Principal, Saratoga Associates
Landscape Architects, Architects, Engineers, and Planners, P.C.
Description of Work Performed: Directed the preparation of the Design Approval Document in accordance with established standards, policies, regulations and procedures, except as otherwise explained in this document.



Note: *It is a violation of law for any person, unless they are acting under the direction of a licensed professional engineer, architect, landscape architect, or land surveyor, to alter an item in any way. If an item bearing the stamp of a licensed professional is altered, the altering engineer, architect, landscape architect, or land surveyor shall stamp the document and include the notation "altered by" followed by their signature, the date of such alteration, and a specific description of the alteration.*

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CHAPTER 1 - EXECUTIVE SUMMARY

1.1. Introduction

The Project is being funded through a combination of New York State and Federal monies. Most of the Federal funds are being administered through the Federal Highway Administration (FHWA). The Hamlet of Brewerton Revitalization Project (Project) is considered a Locally Administered Federal Aid Project; as such, the Town of Cicero is administering the Project in conjunction with the New York State Department of Transportation (NYSDOT) and the FHWA. The Project is being processed as a National Environmental Policy Act (NEPA) Categorical Exclusion in accordance with Title 23 Part 771 of the Code of Federal Regulations (23 CFR 771.117(d)(1)). A Federal Environmental Approval Worksheet illustrating no environmental issues is included in Appendix B for informational purposes.

The Project is also being processed as an Unlisted Action pursuant to the State Environmental Quality Review Act (SEQR) (6NYCRR Part 617). The Town Board of Cicero will serve as Lead Agency pursuant to SEQR.

The information presented in this report has been in accordance with the NYSDOT manual "Procedures for Locally Administered Federal Aid Projects (PLAFAP)" dated January 2004. The Project may require permits and approvals and this information is listed and discussed in this report.

1.2. Purpose and Need

1.2.1. Where is the Project Located?

Highway Description

A. Route number: U.S. Route 11
B. Route name: U.S. Route 11 (also NYS Route 11)
C. SH (state highway) number and official highway description: 5249/Urban Collector
D. City/Village/Township: Town of Cicero
E. County: Onondaga
F. Length: 1,035 Feet
G. From RM 11 33033114 to RM 11 33033116

Park Description (Non Highway)

H. Name: Riverfront Park
I. City/Village/Township: Town of Cicero
J. County: Onondaga
K. Location: West of U.S. Route 11, north of Bennett Street, and south of the Oneida Lake/River

1.2.2. Why is the Project Needed?

The Hamlet of Brewerton Revitalization Project (here after referred to as the "Project") includes 1,035 linear feet of the U.S. Route 11 corridor, which will be improved with new concrete sidewalks, curbing, and

crosswalks that will increase traffic and pedestrian safety. In addition to addressing safety concerns, the Project will also include aesthetic improvements such as street trees, lighting, benches, and signage.

Additionally, this Project will involve aesthetic and access improvements to Riverfront Park, including a new parking lot, pedestrian walkways, public spaces, improved ADA access, new plantings, benches, lighting, and signage. To reinforce community integration with Riverfront Park, two properties will be acquired in order to expand the Park and provide a location for additional parking, a pavilion, and rest station. This report has been prepared to document existing conditions, identify Project needs and objectives, and present the design alternatives.

1.2.3. What are the Objectives/Purposes of the Project?

This Project will address recommendations identified in the *Hamlet of Brewerton Strategic Revitalization Plan* (September 2007) and is one of several projects the Town will be implementing in its efforts to revitalize the Hamlet of Brewerton. It will serve to improve the conditions of U.S. Route 11 for both vehicular and pedestrian traffic, and improved public access to Riverfront Park and the businesses along U.S. Route 11. The proposed improvements seek to not only enhance the safety and aesthetics of U.S. Route 11, but to revitalize the corridor. The Project is expected to be an economic catalyst in order to attract and retain a mix of restaurants, retail and commercial uses, and residential, cultural, and recreational amenities.

Specific objectives regarding improved pedestrian safety include:

1. Introduce new sidewalks where they do not currently exist or improve existing sidewalks where they are currently uneven, narrow, or in disrepair.
2. Provide accessible ramps at all curb cuts with tactile warning strips.
3. Introduce crosswalks and (flush) bump-outs at strategic locations along U.S. Route 11 and side streets to alert pedestrians and drivers of road crossings.
4. Improve ease of access along the main commercial corridor and Riverfront Park, and between these locations.
5. Include provisions for bicyclists along U.S. Route 11 and at Riverfront Park.
6. Create a feeling of safety for pedestrians throughout the entire Project area.
7. Provide space within and adjacent to the ROW for non-traffic related activities.

Objectives regarding vehicular safety include:

1. Introduce several physical measures to increase driver awareness and slow traffic (e.g. bump-outs, crosswalks, pedestrian-scale streetscape elements).
2. Reduce the number of accidents on this section of U.S. Route 11 by implementing traffic calming measures.
3. Provide well-organized, easy to use, curbside parking along U.S. Route 11.
4. Introduce clearly delineated lanes, shoulders, and parking areas to improve the efficiency and safety of vehicular circulation.

5. Create a link between U.S. Route 11 and Riverfront Park.

Secondary objectives include:

1. Create a catalyst for additional economic development and investment within the Hamlet of Brewerton.
2. Create a unique identity for Brewerton that is in keeping with a waterfront community and one that will attract residents and visitors.
3. Promote recreational and social activities that are associated with waterfront communities.

Additionally, the improvement and expansion of the Riverfront Park will attract more visitors coming to the waterfront via various modes of transportation (watercraft, automobile, bicycle, and foot). Better amenities and easier access to U.S. Route 11 will encourage visitors to extend their stay to enjoy the park or visit the businesses within the Hamlet.

1.3. What Alternative is Being Considered?

This Project is intended to assist in revitalizing the Hamlet, beginning with two of its valued assets, the waterfront and the main street. The Town of Cicero (referred to as the "Town") anticipates that this Project will be a catalyst for additional private-sector investment, redevelopment, and the eventual transformation of the area into a more vibrant and economically sustainable community. Improvements to the site will provide the public with access to jobs, services, retail, restaurants, and amenities related to commercial, residential, cultural, and recreational uses at the site. This initiative was specified as a key recommendation in the *Hamlet of Brewerton Strategic Revitalization Plan*.

This Project addresses the following issues identified in the *Hamlet of Brewerton Strategic Revitalization Plan*:

- Need to improve public safety,
- Need to rebuild Brewerton's image as a waterfront community,
- Lack of pedestrian amenities,
- Automobile dominated corridors, and
- Limited sense of arrival to the community.

Based on public comments provided during the creation of the *Hamlet of Brewerton Strategic Revitalization Plan*, several design alternatives were reviewed with the Steering Committee that was originally formed in 2007 to determine the optimal programmatic elements to be included in the Project. Saratoga Associates expanded upon those plans previously created, then developed alternatives and presented them, along with project goals and objectives, at a public information meeting held on December 21, 2009. Based on public feedback, coordination with stakeholders, and several meetings with the Steering Committee, a preferred approach and a feasible alternative was identified. Two main build alternatives and a no-build alternative are included in this Design Report. However, of these alternatives, the preferred alternative (Alternative 2) will

involve the most extensive improvements/disturbance, therefore Alternative 2 is the only alternative for which specific social, economic, and environmental impacts are analyzed.

Three Alternatives were considered for this Project, Alternative 1 – No-Build (Null), Alternative 2 – Rehabilitation of Pedestrian Facilities along U.S. Route 11 and Improvements to Riverfront Park, and Alternative 3 – Rehabilitation of Pedestrian Facilities along U.S. Route 11 with Minor Improvements to Riverfront Park. In order to achieve the Towns objectives, Alternative 2 is the preferred alternative that addresses the identified concerns.

1. Alternative 1 - No-Build (Null)

The No-Build (Null) Alternative provides only the continued maintenance of U.S. Route 11 and Riverfront Park. This alternative would not meet Project objectives and is contrary to the *Hamlet of Brewerton Strategic Revitalization Plan*. The poor conditions of the intersections, sidewalks, and overall streetscape would remain and not be upgraded. It is likely that pedestrian amenities currently in place would continue to degrade, thus increasing safety concerns.

This Project is intended to be a catalyst for additional community investment and contribute to the economic revitalization of the Hamlet of Brewerton. The No-Build Alternative would not add to the revitalization of the Hamlet.

2. Alternative 2 - Rehabilitation of Pedestrian Facilities along U.S. Route 11 and Improvements to Riverfront Park

Alternative 2 includes the following improvements to U.S. Route 11 and Riverfront Park (See Appendix A for plans and sections associated with Alternative 2):

- Granite curbing – Six inches wide by 18 inches deep
- Drainage Improvements – On U.S. Route 11 new catch basins and storm sewers shall be installed and connected to the existing storm sewer system to provide proper roadway drainage. At Riverfront Park, if the construction disturbs greater than one (1) acre of land, treatment of stormwater runoff will be provided through a bioswale, permeable paving, and, if needed, a hydrodynamic separator (CDS Unit) in order to meet the requirements of NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activity (GP-0-15-002). It is not anticipated that drainage patterns will change, nor is it anticipated that there will be discharge into any adjacent water body during construction.
- Concrete Sidewalks – Four inches thick on a six-inch gravel subbase. Curb ramps will be provided to meet applicable accessibility requirements.
- Porous Pavement – Porous pavement will be specified on select paths within Riverfront Park.

- Pedestrian Scale Lighting – Approximately 37 fixtures (30 on U.S. Route 11 and 7 at Riverfront Park) 12-15 feet in height with new electric distribution.
- Street Trees – Approximately 20 trees of 2" to 2.5" caliper.
- Park Plantings – Approximately 20 trees and (up to) 200 shrubs of varying sizes throughout the park.
- Crosswalks – Striped Duratherm™ (or equivalent) crosswalks will be provided at the four intersections of U.S. Route 11 and Guy Young Road (Washington Street), Baldwin Road, Library Street, and Bennett Street.
- Concrete Paving – Concrete permeable pavers will be placed between the sidewalk and curb edge. This will provide a visual separation of pedestrian and vehicular traffic as well as improve the visual appeal. Paving will also be used to delineate plaza spaces in Riverfront Park.
- Landscape Enhancements – Landscape enhancements are planned for each side of U.S. Route 11 and throughout Riverfront Park. These enhancements will include benches, a directory kiosk, signage, trash receptacles, and landscape plantings.
- Pavilion – An approximately 1,300 square foot, partially open-air structure will be provided in Riverfront Park. Restrooms will be provided in the pavilion.

3. Alternative 3 - Rehabilitation of Pedestrian Facilities along U.S. Route 11 with Minor Improvements to Riverfront Park

Alternative 3 would involve the rehabilitation of curbs, sidewalks, and crosswalks on U.S. Route 11. While this alternative would slightly improve conditions for pedestrians, it would not address the need for traffic calming measures along this section of U.S. Route 11. This section of U.S. Route 11 should serve as a community gateway and, under this alternative, there would be a lack of design elements to signify the entrance to a pedestrian-oriented community. This alternative also ignores the much needed community revitalization efforts outlined in the *Hamlet of Brewerton Strategic Revitalization Plan*.

This alternative would include minimal improvements to Riverfront Park and would not include the park expansion. Improvements include redefining the existing parking lot and addressing ADA access issues. This alternative does not improve park integration with the community, enhance user amenities, or improve safety within and around the park. Riverfront Park is considered a major resource to the community, and this alternative would not fully address opportunities that align with NYSDOT Environmental Initiatives. See Appendix A for plans and sections associated with Alternative 3.

Alternative 2 is the only alternative that will accomplish the Project goals and objectives and implement the recommendations of the *Hamlet of Brewerton Strategic Revitalization Plan*.

1.4 Environmental Review

NEPA (National Environmental Policy Act):

This Project is being advanced in accordance with the National Environmental Policy Act (NEPA). It is anticipated that the Project will not result in significant environmental impacts, individual or cumulative. Upon review and completion of the Federal Environmental Approval Worksheet (refer to Appendix A) it has been determined that the Project qualifies as a Categorical Exclusion pursuant to 23 CFR 771.117(d).

Pursuant to Paragraph (a) of §771.117 of the same code, the Project will not induce significant impacts to planned growth or land use for the area, will not have a significant impact on any natural, cultural, recreational, historic, or other resources, and will not involve significant air, noise, or water quality impacts.

Pursuant to Paragraph (b) of §771.117 of the same code, the Project does not involve "unusual circumstances," listed as a significant environmental impact, substantial controversy on environmental grounds, significant impact on properties protected by §4(f) of the DOT Act and Section 106 of the National Historic Preservation Act, or inconsistencies with federal, state, and local laws.

This project includes Federal DOT funding and the FHWA's NEPA policies and procedures found in 23 CFR 771 apply.

SEQRA (State Environmental Quality Review Act):

As defined by the State Environmental Quality Review (SEQR) Act (6NY CRR Part 617), this project is being classified as an unlisted action. In order to assure SEQR compliance, the Cicero Town Board is serving as lead agency.

1.5 How will the Alternatives Affect the Environment?

Exhibit 1.1
Comparison of Alternatives

Category	Alternatives Evaluated		Alternatives Considered and Dismissed
	Alternative 1 - Null	Alternative 2 – Rehabilitation of Pedestrian Facilities along U.S. Route 11 and Improvements to Riverfront Park	Alternative 3 – Rehabilitation of Pedestrian Facilities along U.S. Route 11 with Minor Improvements to Riverfront Park
Wetland impacts	None	No Impact	No Impact
100 year floodplain impact	None	0.235 acres within Park. .053 acres may be impacted	0.235 acres within Park. .053 acres may be impacted
Cultural Resource Impacts	None	No Adverse Impacts Effect	No Adverse Effect

Exhibit 1.1 Comparison of Alternatives			
Section 106/Section 4(f) impacts	None	No Adverse Impacts Effect	No Adverse Impacts Effect
Noise	None	No Adverse Effect	No Adverse Effect
Forested area Impacts	None	No Impact	No Impact
Noise Impacts	None	No Adverse Effect	No Adverse Effect
Property impacts	None	2.67 acres from 2 residential properties (Park)	No Impact
Construction Cost	None	$1.59M	$0.65M

Anticipated Permits/Certifications/Coordination:

Permits
Potential permits/approvals are identified below:

- New York State Department of Environmental Conservation (NYSDEC):
    - General Permit for Stormwater Discharges from Construction Activity, Permit No. GP-0-15-002, and
    - Section 401 Water Quality Certification.
- New York State Canal Corporation Work Permit (for Riverfront Park),
- NYSDOT Highway Work Permit (for U.S. Route 11), and
- Town of Cicero Site Plan Approval and Building Permit.

Only those permits and approvals required to complete construction will be obtained.

1.6 What are the Costs & Schedules?

Design approval is scheduled for Winter of 2019/2020 with construction scheduled to begin in Summer of 2020. It is anticipated that these projects will be completed in phases with completion in approximately 24-36 months.

Exhibit 1.2 - Project Schedule	
Activity	**Date Occurred/Tentative**
Scope Approval	September 2009

Exhibit 1.2 - Project Schedule	
Activity	**Date Occurred/Tentative**
Design Approval	Fall 2020
ROW Acquisition	Winter/Spring 2021
Construction Start	Summer 2021 (Riverfront Park) and Summer 2021 (U.S. Route 11)
Construction Complete	Winter 2023 (Riverfront Park) and Winter 2024 (U.S. Route 11).

Potential Costs are provided in Appendix D.

1.7 Which Alternative is Preferred?

Based on public comments provided during the creation of the *Hamlet of Brewerton Strategic Revitalization Plan*, several design alternatives were reviewed with the Steering Committee that was originally formed in 2007 to determine the optimal programmatic elements to be included in the Project. Saratoga Associates expanded upon those plans previously created, then developed alternatives and presented them, along with project goals and objectives, at a public information meeting held on December 21, 2009. Based on public feedback, coordination with stakeholders, and several meetings with the Steering Committee, a preferred approach and a feasible alternative were identified.

Alternative 2 is the only alternative that will accomplish the Project goals and objectives and implement the recommendations of the *Hamlet of Brewerton Strategic Revitalization Plan*.

1.8 What are the Opportunities for Public Involvement?

Public involvement has occurred throughout the project; two public meetings were held early in the planning process and committee meetings have been conducted sporadically throughout the life of the project.

For additional information or to provide comments, please contact:

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William H. Meyer, Jr.
Town of Cicero, Supervisor
8236 S. Main Street
Cicero, NY 13039

With reference to:

PIN 375495
U.S. Route 11 and Riverfront Park
The Hamlet of Brewerton Revitalization Project
Town of Cicero
Onondaga County, New York

The remainder of this report is a detailed technical evaluation of existing conditions, anticipated impacts of the one reasonable/preferred alternative and comparison to the null alternative, copies of technical reports and plans and other supporting information.

CHAPTER 2 – PROJECT INFORMATION

2.1 Local Plans for the Project Area

In the spring of 2007 the Hamlet of Brewerton community initiated a year-long planning study (*Hamlet of Brewerton Strategic Revitalization Plan*) that *"outline(s) a vision and implementation strategy to revitalize Brewerton into an active, vibrant community center."* This plan recommended a series of revitalization strategies beginning with the redesign of Riverfront Park to serve as a community gateway from the water and strengthen connections to the community. Additionally, public feedback identified concern for the safety of pedestrians along the community's main commercial thoroughfare, U.S. Route 11. This urban collector road is mainly utilitarian and gives little indication that this commercial corridor must also serve pedestrians. The revitalization plan broadly addressed these concerns and recommended a redesign of the main commercial corridor and reinforcement of connections to the community green space areas.

This Project is intended to be the first step in revitalizing the historic Hamlet, beginning with two of its valued assets, the waterfront and the main street. The Town of Cicero anticipates that this Project will be a catalyst for additional private-sector investment, redevelopment, and the eventual transformation of the area into a more vibrant and economically sustainable community. Improvements to the site will provide the public with access to jobs, services, retail, restaurants, and amenities related to commercial, residential, cultural, and recreational uses at the site. This initiative was specified as a key recommendation in the *Hamlet of Brewerton Strategic Revitalization Plan*.

This Project addresses the following issues identified in the *Hamlet of Brewerton Strategic Revitalization Plan*:

- Need to improve public safety,
- Need to rebuild Brewerton's image as a waterfront community,
- Lack of pedestrian amenities,
- Automobile dominated corridors, and
- Limited sense of arrival to the community.

Based on public comments provided during the creation of the *Hamlet of Brewerton Strategic Revitalization Plan*, several design alternatives were reviewed with the Steering Committee that was originally formed in 2007 to determine the optimal programmatic elements to be included in the Project. Saratoga Associates expanded upon those plans previously created, then developed alternatives and presented them, along with project goals and objectives, at a public information meeting held on December 21, 2009. Based on public feedback, coordination with stakeholders, and several meetings with the Steering Committee, a preferred approach and a feasible alternative were identified. Two main build alternatives and a no-build alternative are included in this Design Report. However, of these alternatives, the preferred alternative (Alternative 2) will involve the most extensive improvements as desired by the community, therefore Alternative 2 is the only alternative for which specific social, economic, and environmental impacts are analyzed (Chapter 3).

Since 2009, the Town and Saratoga Associates have met numerous times with the Steering Committee and interested stakeholders, as well as provided periodic updates at Town board meetings. In order to utilize funds awarded from other agencies, portions of the preferred design, as well as other improvements, have been undertaken. These initiatives included:

1. Phase 1 construction was completed in 2013 using funds from the Town and Community Development Block Grant program. Improvements included the development of a curvilinear path (constructed using FlexiPave) that connected the existing parking lot and the western edge of the pier walkway, benches, picnic tables, and LED lighting.
2. Phase 2 construction was completed in 2015 using funds from the Town and NYS Department of State Local Waterfront Revitalization Program (LWRP) Environmental Protection Fund (EPF). Improvements included the widening of the pier walkway (now ADA compliant), improved/additional waterfront access ramps and stairs, benches, LED lighting, and a retaining wall.
3. Phase 3 construction was completed in 2016 using funds from the Town, Onondaga County, and LWRP EPF. Improvements during this phase of construction were focused on a portion of Bennett Street. The street is seen as the entry to the Park and a vital connection to U.S. Route. Improvements included lighting, street trees, new sidewalks, and curbing.
4. Phase 4 construction was completed in 2018 using funds from the Town, Onondaga County, and LWRP EPF. Improvements during this phase of construction were also focused on a portion of Bennett Street (continuation of the improvements completed in 2016). Improvements included lighting, street trees, new sidewalks, and curbing.
5. Phase 5 construction is on-going and anticipated to be completed by June 2020 using funds from the Town, Onondaga County, and LWRP EPF. Improvements to Walnut Street and Riverfront Park are being undertaken and include lighting, new sidewalks, curbing, and a portion of the redesigned parking lot.

To compliment the construction activities identified above, the Town has pursued and received three additional grants through the LWRP EPF program. One of these grants allows the Town to continue design and construction activities along U.S. Route 11, and two grants were awarded to prepare a Local Waterfront Revitalization Program.

2.2. Abutting Highway Segments and Future Plans for Abutting Highway Segments

The abutting roadway segments include East Washington Street, Guy Young Road, Kathan Road, Baldwin Street, Library Street, and Bennett Street. With the exception of Guy Young Road and Washington Street, these are all minor roads approximately 26-28 feet wide with soft shoulders and no lane delineation. Guy Young Road and Washington Street are larger collector roads with a paved shoulder and curbs in some areas. There is no work anticipated or proposed for segments abutting the proposed Project site at this time. Bennett Street will be re-paved by the Town in order to finish the improvements already made along the street. There is currently no time frame for when this may occur. Improvements will not affect the actual travel lanes.

It is anticipated that within the next 5 years, NYSDOT will replace the U.S. Route 11 bridge that spans the Oneida Lake inlet.

2.3 Transportation Conditions, Deficiencies and Engineering Considerations

2.3.1 Traffic and Safety and Maintenance Operations

2.3.1.1 Functional Classification and National Highway System (NHS) –

Exhibit 2.1 Classification Data	
Route(s)	U.S. Route 11
Functional Classification	Urban Major Collector (17)
National Highway System (NHS)	Not Applicable
Designated Truck Access Route	Not Applicable
Qualifying Highway	Not Applicable

2.3.1.2 Control of Access

U.S. Route 11 is not access controlled.

2.3.1.3 Traffic Control Devices

There is a four-way traffic signal at the intersection of Guy Young Road, Washington Street and U.S. Route 11. This signal is a standard two-phase unit (20-70 model) with split presence loops serving the mainline and side streets. There are no other signals along this section of U.S. Route 11.

2.3.1.4 Traffic Volumes

The annual average daily traffic (AADT) along U.S. Route 11, between Bartell Road and the Oswego/Onondaga County line, is estimated at 12,426 vehicles.[1]

2.3.1.5 Speeds

Existing speed limit - The existing posted speed limit on this portion of U.S. Route 11 is 35 miles per hour (MPH).

2.3.1.6 Level of Service

No traffic studies have been completed due to the fact that the proposed improvements are not for the purposes of improving Level of Service and Intersection Level of Service.

2.3.1.7 Work Zone Safety & Mobility

A. Work Zone Traffic Control (WZTC) Plan

[1] https://gis3.dot.ny.gov/html5viewer/?viewer=tdv based on forecasted data from 2015 (website last accessed 1/5/2018).

A WZTC Plan will be developed for U.S. Route 11 during the completion of construction documents.

B. Special Provisions

Due to the close proximity to residences and the ability to maintain traffic with acceptable delays during the daylight hours, night time construction will not be utilized. The use of time related provisions will be evaluated during final design. The work zone traffic control will need to be coordinated with local officials and residents.

C. Significant Projects (per 23 CFR 630.1010)

The Town has determined that the subject project is not significant per 23 CFR 630.1010.

As needed and identified during the development of construction documents, A Transportation Management Plan (TMP), for U.S. Route 11, will be prepared for the project consistent with 23 CFR 630.1012. The TMP will consist of a Temporary Traffic Control (TTC) plan. Transportation Operations (TO) and Public Information (PI) components of a TMP will be considered during final design.

2.3.1.8 Safety Considerations, Accident History and Analysis

Between September 1, 2014 and August 31, 2017, thirty-four (34) recorded accidents occurred on this section of U.S. Route 11. Seven (7) of which had a reported injury. Many of these accidents occurred when roads were wet or covered with snow/ice. They involved two or more vehicles and resulted from driver error (e.g. failure to yield, following too closely, etc). The accidents appear to be distributed throughout the study section of U.S. Route 11; however, accident frequency increased at roadway intersections. According to traffic modeling estimates performed by NYSDOT, this section of highway (Highway Location Reference Marker Range: 11 33033114 to 11 33033116) has approximately 3.7 times the state average number of accidents for similar highways. It is possible that the accident rates will decrease as a result of the proposed Project, as drivers will likely slow down and become more alert with the introduction of traffic calming elements such as bump-outs, clearly defined travel and parking lanes, and crosswalks.

2.3.1.9 Ownership and Maintenance Jurisdiction

U.S. Route 11 is under the ownership and jurisdiction of the State of New York and therefore is responsible for maintenance of the ROW. It will be the responsibility of individual property owners to perform seasonal sidewalk maintenance.

The Town of Cicero's Parks and Recreation Department is responsible for the regular maintenance of the Park, as agreed upon with NYS Canal Corporation (Permit No. C34095).

2.3.2 Complete Streets

2.3.2.1 Pedestrians

This section of U.S. Route 11 does not address pedestrian or bicyclist safety. The sidewalks are in generally poor to fair condition. Uneven portions of the concrete sidewalk may present a trip hazard. Several

obstructions (e.g. curbs without appropriate ramps, signs, utility poles) could force pedestrians to use portions of the shoulder rather than the sidewalk. Additionally, the concrete sidewalk is not continuous through the Project area as it narrows, switches to asphalt, merges with adjacent parking lots, and eventually becomes nonexistent south of Guy Young Road. This sidewalk condition is particularly difficult to navigate for those with limited mobility. Pedestrians in wheelchairs would likely travel on the shoulder, rather than navigate the sidewalks. Additional pedestrian safety concerns are the speed of the vehicles and lack of crosswalks along U.S. Route 11.

Current pedestrian accommodations at Riverfront Park can generally be characterized as good. However, prior to recent improvements, accommodations were fair, at best. There are currently four accessible ramps, two of which originate directly from the parking area, ending along the waterfront. While access has been improved, it is difficult for handicapped individuals to access the ramps, as the connections to the parking lot are not complete.

The parking area is in poor condition as the asphalt has turned to gravel and is not delineated. It is a very awkward and unsafe space for pedestrians, particularly during high use periods. There is no sidewalk along Walnut Street (from Bennett Street) to provide safe access for pedestrians; they must walk within the road to access the Park.

2.3.2.2 Bicyclists

Bicyclists on U.S. Route 11 have a relatively wide shoulder to travel in. However, due to the width of the shoulder and the lack of space delineation, there are often opportunities for vehicle-bicyclist conflicts. Cars often ride the shoulder before making a turn onto side streets or as they pull into and out of street side parking spaces. With potential issues that bicyclists encounter, improvements would be needed, as NYSDOT has also listed U.S. Route 11 as a potential State Bike Route.

There are currently no bicyclist accommodations at Riverfront Park, and the need for facilities, including bicycle racks, has been identified.

2.3.2.3 Transit

Central New York Regional Transportation Authority's (CNYRTA) Centro Bus Service currently services one bus stop within this section of U.S. Route 11. While there is neither a bus shelter nor a sign depicting the actual location of the bus stop, the stop is generally located on the north side of East Washington Street on U.S. Route 11.

2.3.3 Infrastructure

2.3.3.1 Design Standards

The standards for this Project (see Exhibit 2.6) were developed in accordance with the NYSDOT *Highway Design Manual* (HDM), latest edition, and the AASHTO *A Policy on Geometric Design of Highways and Streets, 2018*.

2.3.3.2 Critical Design Elements

The following exhibit identifies critical design elements.

Exhibit 2.6
Critical Design Elements for U.S. Route 11 from Guy Young Road to (not including) Brewerton Bridge

PIN:		375495	**NHS (Y/N):**		No
Route No. & Name:		U.S. Route 11 (SH#-5249)	**Functional Class:**		Urban Major Collector (17)
Project Type:		Reconstruction	**Design Class:**		Urban Major Collector (17)
% Trucks:		6	**Terrain:**		Rolling
ADT:		13500	**Truck Access/Qualifying Highway**		Neither
Element		**Standard Criteria**	**Existing Conditions**	**Proposed Condition Alternative 2**	**Proposed Condition Alternative 3**
1	Design Speed	35 MPH	35 MPH	35 MPH	35 MPH
2	Lane Width	12.0 Ft. Min; 14.0 Ft. Desirable; Parking Lane: 8.0 Ft. Min.; 11.0 ft Desirable	12 Ft. Travel Lane;	Guy Young Road to Library Street 14 Ft Travel Lane; 8 ft Parking; 1 ft Curb Offset Library Street to Bennett Street 12 Ft Travel Lane, 11 FT Turn Lane[2]	12 Ft Travel Lane; 5 ft bike lane; 9 ft Parking; 1 ft Curb Offset
3	Shoulder Width	Right: 0.0 ft Min. 2.0 ft Desirable	9-12 Ft.	0.0 Ft.	0.0 Ft.
4	Bridge Roadway Width	Fill in from NYSDOT Bridge Manual	N.A.	N.A.	N.A.
5	Maximum Grade	10%	0.75 - 5.00%	0.75 - 5.00%	0.75 - 5.00%
6	Horizontal Curvature	371 ft @ e = 4.0%	>371 ft	>371 ft	>371 ft
7	Superelevation Rate	4%	N.A.	N.A.	N.A.
8	Stopping Sight Distance	250 ft	250+ ft	250+ ft	250+ ft
9	Horizontal Clearance	(from face of curb) 0.0 m with barrier, 1.5 ft without, 3.0 ft at intersections	N.A.	N.A.	N.A.
10	Vertical Clearance	Fill in from NYSDOT Bridge Manual	N.A.	N.A.	N.A.
11	Pavement Cross Slope	1.5% to 2% for Travel Lanes; 1.5% to 5% for Parking Lanes	1.25% Travel Lane 1.0-4.0% Parking	1% - 2% Travel 1-2% Parking	1.% - 2% Travel Lane 1-2% Parking

[2] At the request and direction of NYS DOT, a left turn lane was added at the intersection of U.S. Route 11 and Bennett Street. Inclusion of this turn lane resulted in differing travel lane widths. The travel lanes as proposed are to be considered shared bike lanes.

Exhibit 2.6 Critical Design Elements for U.S. Route 11 from Guy Young Road to (not including) Brewerton Bridge					
12	Rollover	4% between lanes; 8% at EOT	2-4%	2-4%	2-4%
13	Structural Capacity	Fill in from NYSDOT Bridge Manual	N.A.	N.A.	N.A.
14	Level of Service	N.A.	N.A.	N.A.	N.A.
15	Control of Access	N.A.	N.A.	N.A.	N.A.
16	Pedestrian Accommodation	See Chapter 18	Partial	Shared Bike Lane/Sidewalks	Dedicated Bike Lane/Sidewalks
17	Median Width	N.A.	N.A.	N.A.	N.A.

2.3.3.3 Non Standard/Non Conforming Features

East Washington Street, Baldwin Street, Kathan Road, and Library Street will currently accommodate a WB-20 design vehicle due to the location of existing utilities and limited radius. Guy Young Road and Bennett Street intersections will accommodate up to a SU-30 design vehicle from U.S. Route 11. No changes are proposed.

2.3.3.4 Pavement and Shoulder Conditions

The overall condition of U.S. Route 11 is fair. In 2009-2010 U.S. Route 11 was repaved from Bartell Road to the Oneida River Bridge; currently the asphalt pavement is in good condition. Where curbs are provided, they are in fair to poor condition, with the curb reveal less than the standard 6-inch height due to pavement overlays.

2.3.3.5 Drainage Systems

(1) Type

The design section of U.S. Route 11 has a closed drainage system consisting of drainage inlets with a range of pipe sizes and materials.

(2) Condition/Deterioration

The existing drainage system appears to be functioning satisfactorily with no reported problems. Concrete swales, where present along the curb line, are generally in fair to good condition.

(3) Deficiencies/Needs

There are no known deficiencies or needs associated with the existing drainage system.

2.3.3.6 Geotechnical

Based upon the Soil Survey of Onondaga County, the main soil type within the Project area is Collamer Silt Loam, which is a moderately well drained soil having a depth to the mean high water mark of 18 to 24 inches and a depth to bedrock of more than 6 feet.

There are no special geotechnical concerns with the soils or rock slopes within the project area.

2.3.3.7 Structures

The Brewerton bridge on U.S. Route 11 is not be a part of this Project.

2.3.3.8 Hydraulics of Bridges and Culverts

Hydraulic considerations are not applicable due to the fact that no bridges or culverts exist along this section of U.S. Route 11.

2.3.3.9 Constructability Review

A review will be undertaken by Saratoga Associates, the Town, and NYS DOT to ensure all aspect of the project is suitable for construction. Any issues will be addressed prior to construction.

2.3.3.10 Utilities

Overhead electric, cable TV, and telephone lines are carried on utility poles that exist along the east side of U.S. Route 11. Individual lines cross the road for service to businesses on the west side. While the existing utilities are in relatively good condition, the overhead utilities appear disorderly. Opportunities to consolidate highway crossings and straighten utility poles should be identified before any future upgrades or repairs occur. Additionally, in several locations, existing utility poles are located within the sidewalk; these poles should be relocated to accommodate safe pedestrian passage. Discussions with National Grid will be initiated to determine the logistics of relocating these utility poles. Underground sanitary sewer, water, and natural gas lines also exist within the U.S. Route 11 ROW.

2.3.3.11 Right of Way

In order to expand the Park, two properties will be acquired by NYS DOT.

Properties potentially affected by ROW expansion are listed in Exhibit 2.7, which follows.

Exhibit 2.7
Properties Potentially Affected by Additional ROW Acquisition

Address	Section Block Lot (SBL) #	Owner	Project Abutting	Purpose	Approx. Area
5459 Bennett Street	112.-1-5.1	Flaherty	Entire property (vacant) acquisition	Park Expansion	8,629 sf.
5451 Bennett Street	112.-1-4.0	Gunther	Entire property (vacant) acquisition	Park Expansion	5,451 sf.

2.3.3.12 Landscaping/Environmental Enhancement

As outlined above, the Project will include proposed landscaping along U.S. Route 11 and within the Riverfront Park.

2.4 Miscellaneous

2.4.1 NYS Smart Growth Public Infrastructure Policy Act (SGPIPA)

Pursuant to ECL Article 6, this project is compliant with the New York State Smart Growth Public Infrastructure Policy Act (SGPIPA).

To the extent practicable, the Project achieves the following:

- Advance projects for the use, maintenance or improvements of existing infrastructure: It is envisioned that existing infrastructure will be utilized and any known issues will be highlighted.
- Advance projects located in municipal centers: The project is anticipated to assist in the revitalization of the hamlets downtown area, drawing more people resulting in increased improvements to the downtown. This very well may include infill projects.
- Protect, preserve and enhance the State's resources: The project takes area resources into consideration. The project preserves and enhances surface and groundwater, air quality, and recreation and open space.
- Foster mixed land uses and compact development (downtown revitalization): This is one of the goals of this project.
- Provide mobility through transportation choices: Mobility will be addressed in the plan update. Walkability and bicycling in a safe manner is a goal of this project.
- Coordinate between state and local government: This has occurred throughout the design process.
- Participation in a community base planning and collaboration has occurred and will continue until final construction.
- Ensure predictability in building and land use codes: Codes have already been established; this project will not negate any of the approved codes in place.
- Promote sustainability: This will be achieved through potential proposed green infrastructure improvements and improved pedestrian access.

CHAPTER 3 – SOCIAL, ECONOMIC AND ENVIRONMENTAL CONSIDERATIONS

Refer to the Social, Economic and Environmental Resources Checklist included in Appendix B for information on all environmental issues for which the project was screened.

3.1 National Environmental Policy Act (NEPA)

This Project is being advanced in accordance with the National Environmental Policy Act (NEPA). It is anticipated that the Project will not result in significant environmental impacts, individual or cumulative. Upon review and completion of the Federal Environmental Approval Worksheet (refer to Appendix A) it has been determined that the Project qualifies as a Categorical Exclusion pursuant to 23 CFR 771.117(d).

Pursuant to Paragraph (a) of §771.117 of the same code, the Project will not induce significant impacts to planned growth or land use for the area, will not have a significant impact on any natural, cultural, recreational, historic, or other resources, and will not involve significant air, noise, or water quality impacts.

Pursuant to Paragraph (b) of §771.117 of the same code, the Project does not involve "unusual circumstances," listed as a significant environmental impact, substantial controversy on environmental grounds, significant impact on properties protected by §4(f) of the DOT Act and Section 106 of the National Historic Preservation Act, or inconsistencies with federal, state, and local laws.

Refer to Appendix B for the FEAW.

3.2 State Environmental Quality Review Act (SEQRA)

As defined by the State Environmental Quality Review (SEQR) Act (6NY CRR Part 617), this project is being classified as an unlisted action. In order to assure SEQR compliance, the Cicero Town Board is serving as lead agency.

3.3 Additional Environmental Information

3.3.1 Visual

The Projects Preferred Alternative will result in an enhanced view (e.g. view from the U.S. Route 11/Bennett Street intersection) of the waterfront and beautify the Route 11 corridor.

3.3.2 Threatened or Endangered Species

An initial search for threatened or endangered species was completed during 2010. This was based on the U.S. Fish and Wildlife Service New York Field Office website[3] for Federally listed endangered species within Onondaga County.

According to a letter from the NYSDEC Natural Heritage Program, dated February 8, 2010, rare or state-listed animals and plants, significant natural communities, and other significant habitat may occur in or within the

[3] http://www.fws.gov/northeast/nyfo/es/section7.htm

immediate vicinity of the Project site. NYSDEC has recommended that an on-site survey be conducted to verify the accuracy of their records and to determine whether adverse impacts may occur.

Updated correspondence was sought during 2017. In a letter dated June 8, 2017, the U.S. Department of the Interior Fish and Wildlife Service identified three threatened or endangered species. Also, the NYSDEC Division of Fish and Wildlife, New York Natural Heritage Program identified two threatened or endangered species within or in close proximity to the project area in a letter dated February 17, 2017

Based on the literature review and field surveys, it was concluded, both in 2010 and 2017 that no federal or state listed terrestrial species are present at or near the Project site. In addition, the fish species, even if present, would not be impacted by the project.

FHWA provided concurrence in a letter dated November 22, 2017 that the project will have "No Effect" on the threatened or endangered species listed below.

Although FHWA provided concurrence during 2017, further investigations were completed during 2019 in order to determine whether there were any changes to the lists provided by the U.S. Department of the Interior Fish and Wildlife Service and NYSDEC Division of Fish and Wildlife. In a letter dated December 17, 2019, the U.S. Department of the Interior Fish and Wildlife Service identified two threatened or endangered species. Also, the NYSDEC Division of Fish and Wildlife, New York Natural Heritage Program identified three threatened or endangered species within or in close proximity to the project area in a letter dated December 1, 2019. Those species identified are listed in tables below.

Refer to Appendix B for a copy of the threatened or endangered species documentation.

Federally Listed Endangered and Threatened Species and Candidate Species (2019)

Common Name	Scientific Name	Status	Habitat	Exclusion
Eastern massasauga	*Sistrurus catenatus catenatus*	Threatened	Wetland	Site walk required
Indiana bat (W/S)	*Myotis sodalis*	Endangered	Caves/Roost Trees	No appropriate habitat available

Natural Heritage Report and Rare Species and Ecological Communities (2019)

Common Name	Scientific Name	Status	Habitat	Exclusion
Lake Sturgeon	*Acipenser fulvescens*	Threatened	Lake	Project will not impact habitat
Indiana bat (W/S)	*Myotis sodalis*	Endangered	Caves/Roost Trees	No appropriate habitat available
Northern Sunfish	*Lepomis peltastes*	Threatened	Lake	Project will not impact habitat

3.3.3 Historical and Cultural Resources

According to a letter from the NYS Office of Parks, Recreation and Historic Preservation (OPRHP), dated February 8, 2010, there is an archeological site in or adjacent to the Project area. Unless substantial prior

ground disturbance can be documented, OPRHP has recommending that a Phase I archeological survey be preformed for all portions of the Project that will involve ground disturbance. Refer to Appendix I for a copy of the OPRHP letter.

As a result, a Phase IA (2010), IB (2012) and Supplemental IB (2015) were completed within the Riverfront Park.

The Phase 1A was completed and identified twenty-two prehistoric archaeological sites known within one mile of the project site. The location of the project site at the intersection of the Oneida River and Oneida Lake also made it a prime location for prehistoric camps and villages. In additional to these pre-historic sites, there are also five historic archaeological sites as well as one National Register property within one mile of the project. Because of these factors, the Phase IA identified the area as sensitive for historic remains.

In addition, two structures within the project site were identified. These structures were located at 5451 and 5459 Bennett Street. Review of these structures by OPRHP indicates that the structures were ineligible for inclusion on the National Register of Historic Places and no further action was required. However, these two structures were ultimately removed due to fire damage and codes violations.

As a result of the Phase 1A findings, a combined Phase 1A/1B Cultural Resources Survey was completed. The scope of work to be completed was a result of consultation with NYSDOT, FHWA, OPRHP, and the Onondaga and Oneida Nations.

The Phase 1B field examination was conducted at 16 locations laid out in 15 meter intervals. Out of the 15 locations that were excavated, ten of them contained historic artifacts; all from disturbed or fill soils. Four of them also recovered precontact artifacts as well as historic refuse, consisting of two flake fragments and a fragment of chert shatter. Since all of the artifacts were found in fill soils, they were not designated as archaeological sites.

Subsequently to the completion of the Phase 1B, the Town was asked to complete an additional investigation in the southwest corner of the Riverfront Park Project Site. This area is located just north of Bennett Street, where two structures previously were located. The scope of work to be completed for the Supplemental Phase 1B investigation was a result of consultation with NYSDOT, FHWA, OPRHP, and the Onondaga and Oneida Nations.

The Supplemental Phase 1B field examination was conducted at nine locations laid out in a gird formation at 7.5 meter intervals. Out of the nine locations that were excavated, eight of them contained both historic and precontact artifacts; all from possibly disturbed or fill soils. Precontact artifacts consisted of three projectile point/biface fragments, three flakes, 25 flake fragments, eight shatter, and one fire cracked rock. As part of this study one precontact archaeological site and two historic archaeological sites were identified. The two historic sites were identified as not likely to be eligible for inclusion on the National Register of Historic Places. Since the precontact site has the potential to be eligible for inclusion, an avoidance plan or a Phase II archaeological investigation was recommended.

The Town had decided to re-evaluate the plan for development within this area. As such, an avoidance plan was developed in keeping with the Towns goals. This avoidance plan has been approved by all interested organizations and has become the most recent preferred alternative.

In a letter dated November 29, 2016, FHWA stated that they had reviewed available information and based on the development of the proposed avoidance measures it was determined that the project will have "No Adverse Affect" on properties eligible for inclusion or on the National Register of Historic Places.

Refer to Appendix C for additional documentation related to the historical and cultural resources.

It has also been determined that improvements to Riverfront Park and property protected under Section 4(f) are exempt. In a letter dated May 11, 2017 from the Town, it was stated that the Project would not have a negative impact on the existing Park. The Town continued to state that improving and expanding the Park will be a benefit to the local community, visitors, and local business.

Refer to Appendix D for additional documentation related to the Section 4(f) determination.

APPENDICES

APPENDIX A

Maps, Plans, Profiles & Typical Sections

LEGEND

- MONUMENT
- REBAR
- PIPE
- CONIFEROUS TREE
- DECIDUOUS TREE
- ONE POST SIGN
- TWO POST SIGN
- BOLLARD/POST
- FLAG POLE
- MB MAILBOX
- PB PAPER BOX
- AC AIR CONDITIONER
- EB ELECTRICAL BOX
- EM ELECTRIC METER
- GAS VALVE
- GAS SERVICE
- GM GAS METER
- GAS VENT
- GLM GAS LINE MARKER
- LIGHT POLE (PEDESTAL)
- WASH LIGHT
- LIGHT PULL BOX
- PHONE BOOTH
- TELEPHONE JUNCTION BOX
- UTILITY POLE
- UTILITY POLE W/ LIGHT
- GW GUY WIRE
- SP SIGNAL POLE
- TRAFFIC CONTROL HANDHOLE
- RECTANGULAR HANDHOLE
- ROUND HANDHOLE
- SQUARE HANDHOLE
- SQUARE POST
- HYDRANT
- WATER VALVE
- WATER SERVICE
- C/O CLEAN OUT
- CATCH BASIN
- DRAINAGE MANHOLE
- SANITARY MANHOLE
- UNKNOWN MANHOLE

- CENTERLINE OF SWALE/DITCH
- CHAIN LINK FENCE
- WOOD FENCE
- WIRE FENCE
- IRON FENCE
- GUARD RAIL
- SANITARY SEWER LINE
- STORM/DRAINAGE LINE
- UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND CABLE
- OVERHEAD UTILITY CABLE
- RAILROAD
- MAJOR CONTOUR (5' INTERVAL)
- MINOR CONTOUR (1' INTERVAL)
- PROPERTY LINE
- RIGHT OF WAY LINE

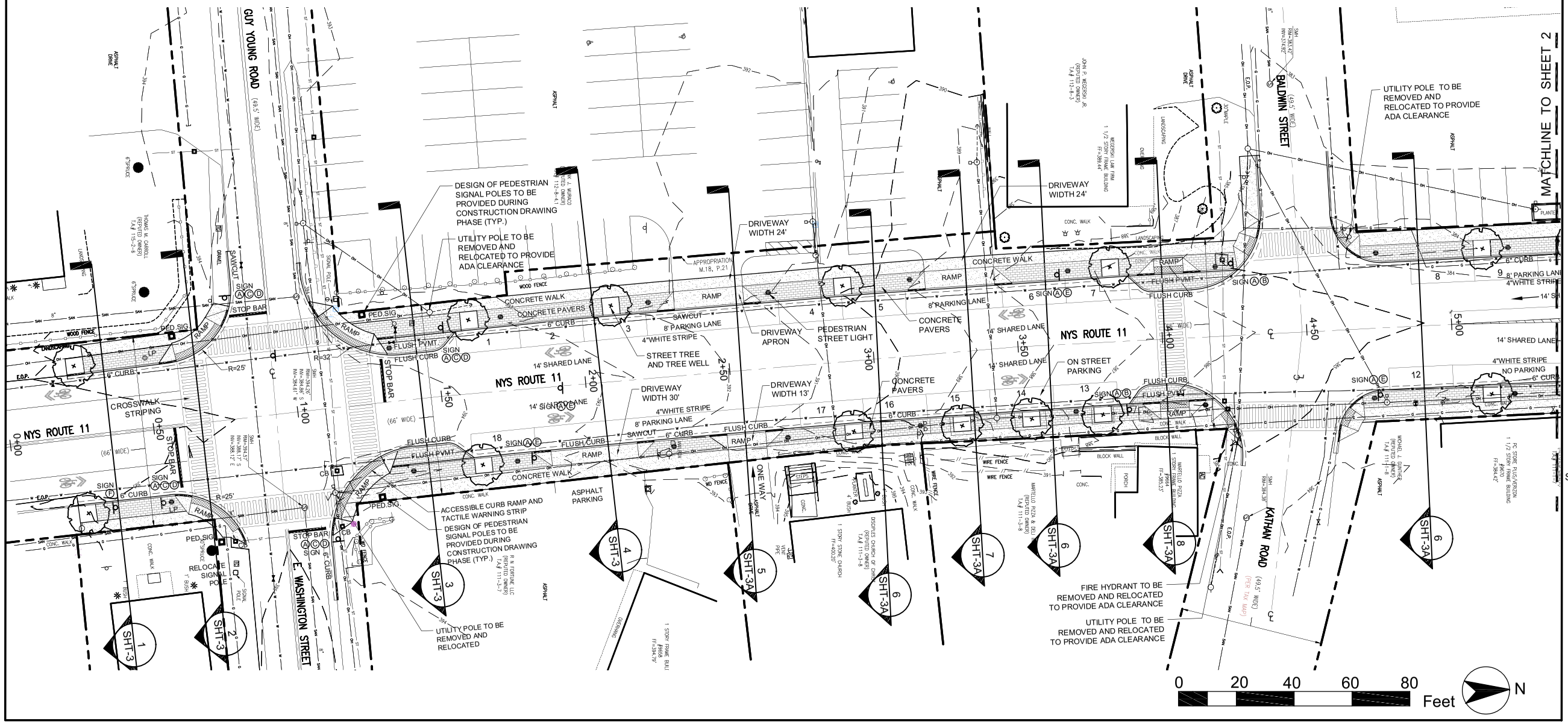
NOTES:
1. PROJECT LIMIT LINE FOLLOWS R.O.W. LINE.
2. DETECTABLE WARNING STRIPS ARE TO BE PROVIDED AT ALL DRIVEWAY CROSSINGS, BUMPOUTS, AND CROSSWALKS

PROPOSED LEGEND

- PROPOSED STREET LIGHTING
- PROPOSED CONCRETE PAVERS
- PROPOSED CONCRETE PAVEMENT
- PROPOSED GRANITE CURB
- PROPOSED GRANITE TRANSITION CURB
- PROPOSED HANDICAP RAMP WITH DETECTABLE WARNING PAVERS
- PROPOSED CROSSWALK
- PROPOSED SIGNAGE SEE SIGNAGE SCHEDULE
- 15 PROPOSED PARKING SPACE
- PROPOSED STREET TREE
- 1 / SHT-3 TYPICAL SECTION

SIGNAGE SCHEDULE

- Ⓐ MUTCD W11-1
- Ⓑ MUTCD R1-5
- Ⓒ MUTCD R1-5b
- Ⓓ MUTCD R1-1
- Ⓔ MUTCD W16-1p
- Ⓕ MUTCD D11-1



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NEW YORK CITY > SARATOGA SPRINGS > SYRACUSE

The Brewerton Revitalization Project

Town of Cicero

8236 BREWERTON ROAD
CICERO, NY 13039

REVISIONS				
NO	DATE	DESCRIPTION	DRAWN	CHK

SARATOGA ASSOCIATES PROJECT #: **2009-057.10M**

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CHECKED BY: JWG
PHASE: Design Report

APPENDIX - A

ALTERNATE 2
PROPOSED CONDITIONS
STA 1+00 TO STA 5+35

SHEET: 1

LEGEND

- MONUMENT
- REBAR
- PIPE
- CONIFEROUS TREE
- DECIDUOUS TREE
- ONE POST SIGN
- TWO POST SIGN
- BOLLARD/POST
- FLAG POLE
- MB MAILBOX
- PB PAPER BOX
- AIR CONDITIONER
- ELECTRICAL BOX
- EM ELECTRIC METER
- GAS VALVE
- GAS SERVICE
- GAS METER
- GAS VENT
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- RECTANGULAR HANDHOLE
- ROUND HANDHOLE
- SQUARE HANDHOLE
- SQUARE POST
- HYDRANT
- WATER VALVE
- WATER SERVICE
- C/O CLEAN OUT
- CATCH BASIN
- DRAINAGE MANHOLE
- SANITARY MANHOLE
- UNKNOWN MANHOLE

- SWLE SWLE CENTERLINE OF SWALE/DITCH
- X X X X CHAIN LINK FENCE
- WOOD FENCE
- // // // // WIRE FENCE
- IRON FENCE
- GUARD RAIL
- SAN SAN SANITARY SEWER LINE
- ST ST ST STORM/DRAINAGE LINE
- W W W UNDERGROUND WATER LINE
- G G G G UNDERGROUND GAS LINE
- UT UT UT UNDERGROUND TELEPHONE
- UE UE UE UNDERGROUND ELECTRIC
- FO FO FO UNDERGROUND FIBER OPTIC
- CTV CTV UNDERGROUND CABLE
- OH OH OH OVERHEAD UTILITY CABLE
- RAILROAD
- XXX MAJOR CONTOUR (5' INTERVAL)
- XXX MINOR CONTOUR (1' INTERVAL)
- PROPERTY LINE
- RIGHT OF WAY LINE

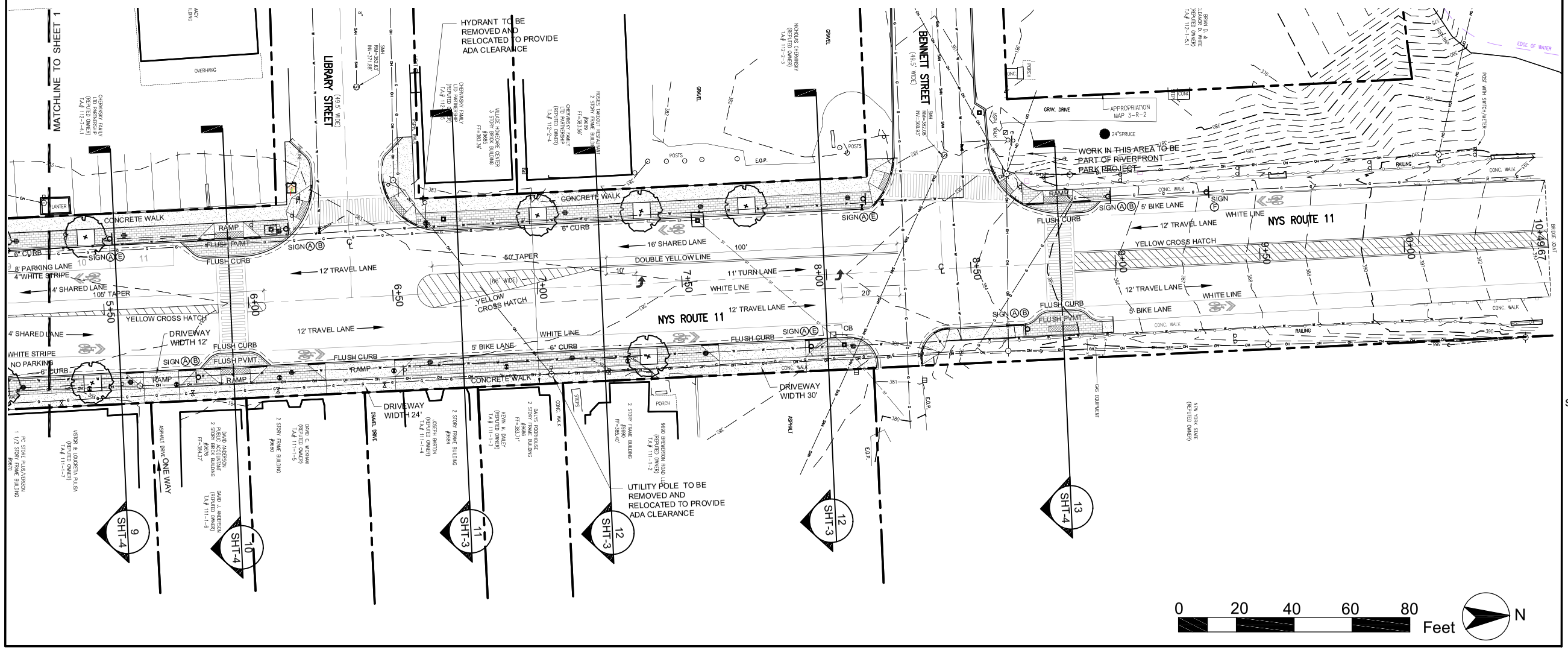
NOTES:
1. PROJECT LIMIT LINE FOLLOWS R.O.W. LINE.
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PROPOSED LEGEND

- PROPOSED STREET LIGHTING
- PROPOSED CONCRETE PAVERS
- PROPOSED CONCRETE PAVEMENT
- PROPOSED GRANITE CURB
- PROPOSED GRANITE TRANSITION CURB
- PROPOSED HANDICAP RAMP WITH DETECTABLE WARNING PAVERS
- PROPOSED CROSSWALK
- PROPOSED SIGNAGE SEE SIGNAGE SCHEDULE
- 15 PROPOSED PARKING SPACE
- PROPOSED STREET TREE
- 1 / SHT-3 TYPICAL SECTION

SIGNAGE SCHEDULE

- Ⓐ MUTCD W11-1
- Ⓑ MUTCD R1-5
- Ⓒ MUTCD R1-5b
- Ⓓ MUTCD R1-1
- Ⓔ MUTCD W16-1p
- Ⓕ MUTCD D11-1



0 20 40 60 80 Feet N

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REVISIONS				
NO	DATE	DESCRIPTION	DRAWN	CHK

SARATOGA ASSOCIATES PROJECT #: **2009-057.10M**

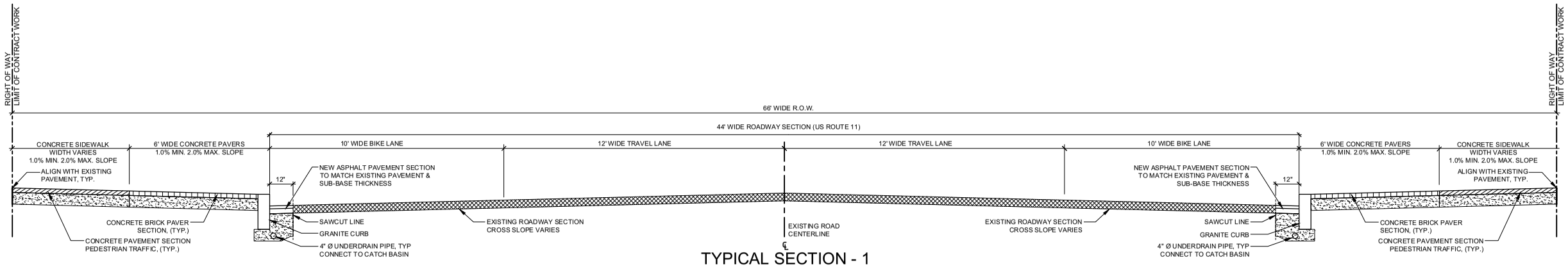
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CHECKED BY: JWG
PHASE: Design Report

APPENDIX - A

ALTERNATE 2
PROPOSED
CONDITIONS
STA 5+35 TO STA 10+49.67

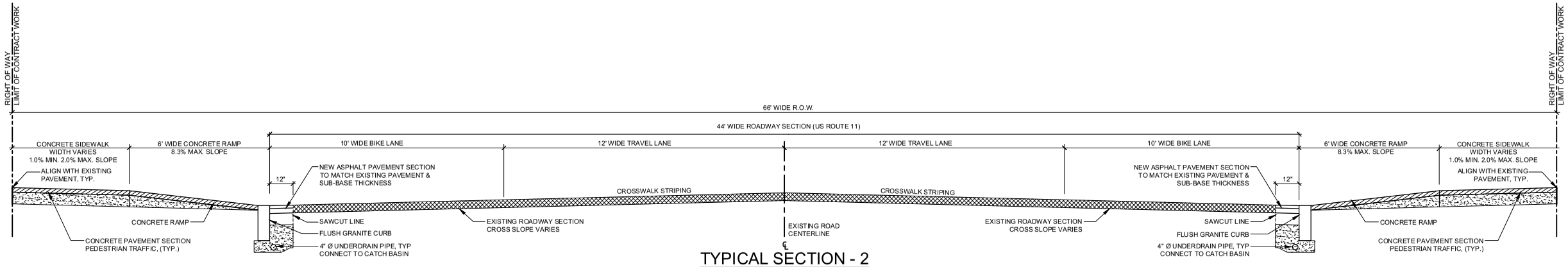
SHEET:
2



TYPICAL SECTION - 1

PROPOSED CONCEPT ALTERNATE 2
US ROUTE 11 ROADWAY SECTION
NO SCALE
(CURB TO CURB)

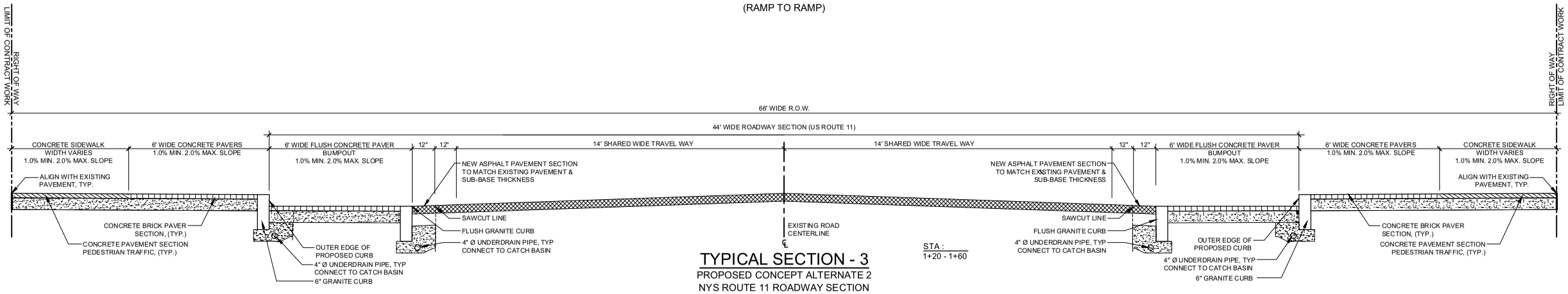
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0+00 - 0+60



TYPICAL SECTION - 2

PROPOSED CONCEPT ALTERNATE 2
US ROUTE 11 ROADWAY SECTION
NO SCALE
(RAMP TO RAMP)

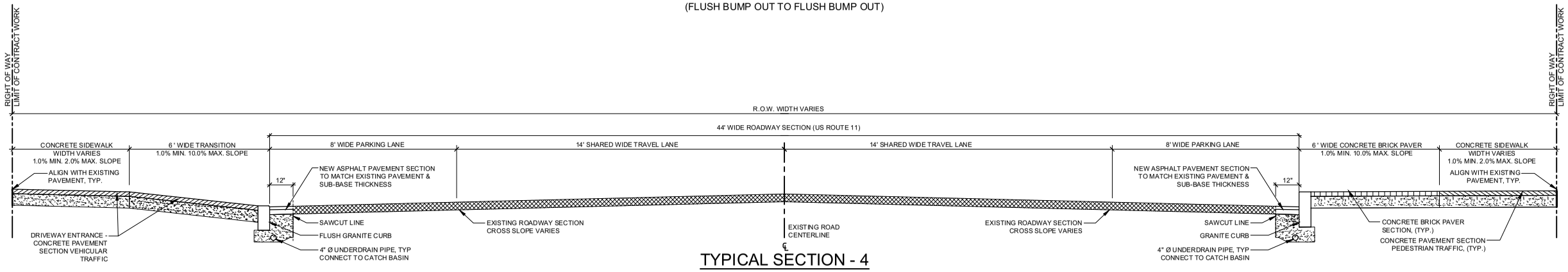
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TYPICAL SECTION - 3

PROPOSED CONCEPT ALTERNATE 2
NYS ROUTE 11 ROADWAY SECTION
NO SCALE
(FLUSH BUMP OUT TO FLUSH BUMP OUT)

STA :
1+20 - 1+60



TYPICAL SECTION - 4

PROPOSED CONCEPT ALTERNATE 2
NYS ROUTE 11 ROADWAY SECTION
NO SCALE
(CURB TO DRIVEWAY)

STA :
1+60 - 2+25

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Town of Cicero

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REVISIONS				
NO	DATE	DESCRIPTION	DRAWN	CHK

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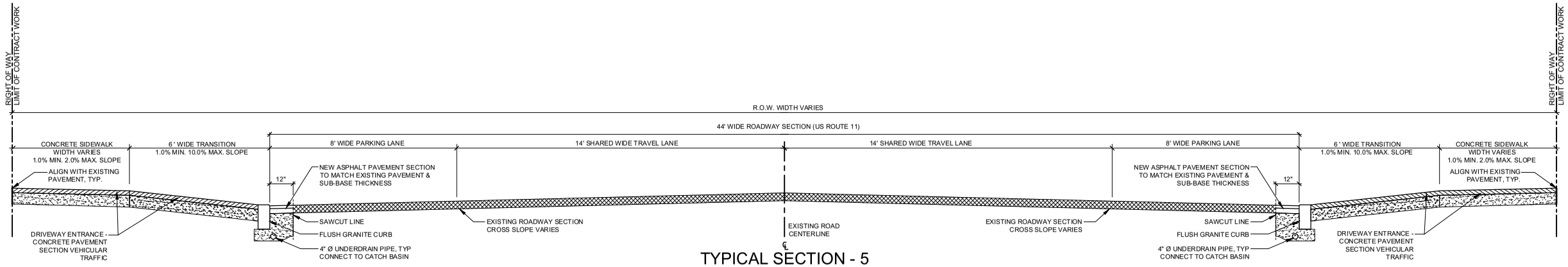
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APPENDIX - A

ALTERNATE 2
PROPOSED
CONDITIONS
TYPICAL SECTIONS

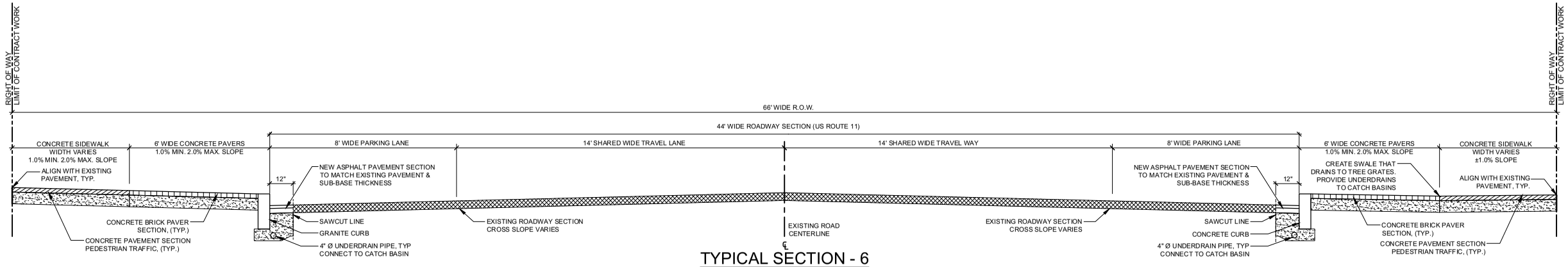
SHEET:
3



TYPICAL SECTION - 5

PROPOSED CONCEPT ALTERNATE 2
NYS ROUTE 11 ROADWAY SECTION
NO SCALE
(DRIVEWAY TO DRIVEWAY)

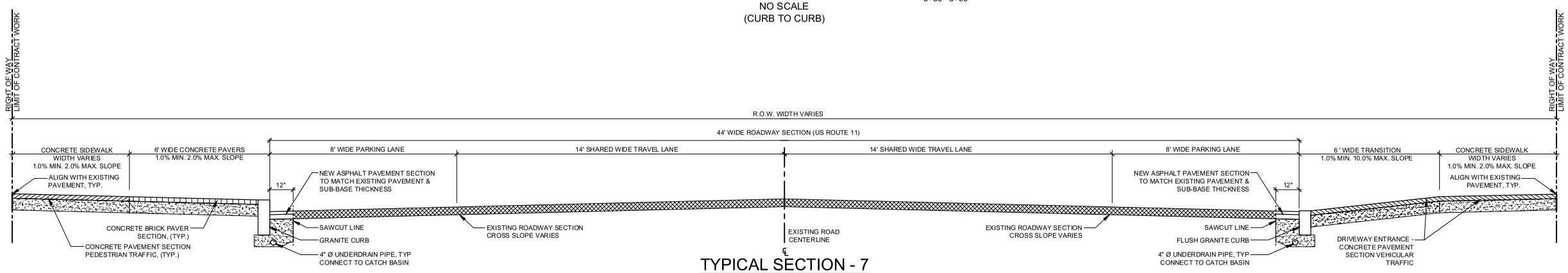
STA :
2+40 - 2+70



TYPICAL SECTION - 6

PROPOSED CONCEPT ALTERNATE 2
US ROUTE 11 ROADWAY SECTION
NO SCALE
(CURB TO CURB)

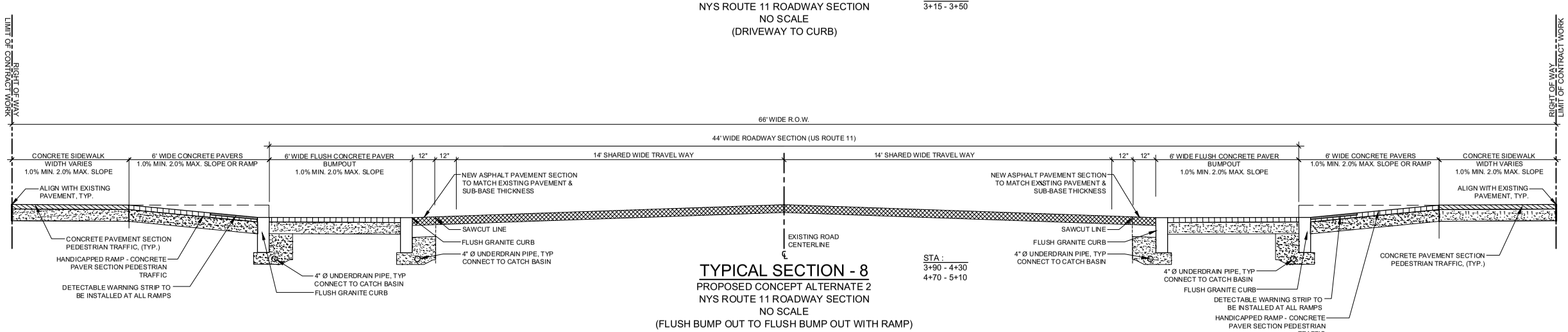
STA :
2+70 - 3+15
3+50 - 3+90



TYPICAL SECTION - 7

PROPOSED CONCEPT ALTERNATE 2
NYS ROUTE 11 ROADWAY SECTION
NO SCALE
(DRIVEWAY TO CURB)

STA :
3+15 - 3+50



TYPICAL SECTION - 8

PROPOSED CONCEPT ALTERNATE 2
NYS ROUTE 11 ROADWAY SECTION
NO SCALE
(FLUSH BUMP OUT TO FLUSH BUMP OUT WITH RAMP)

STA :
3+90 - 4+30
4+70 - 5+10

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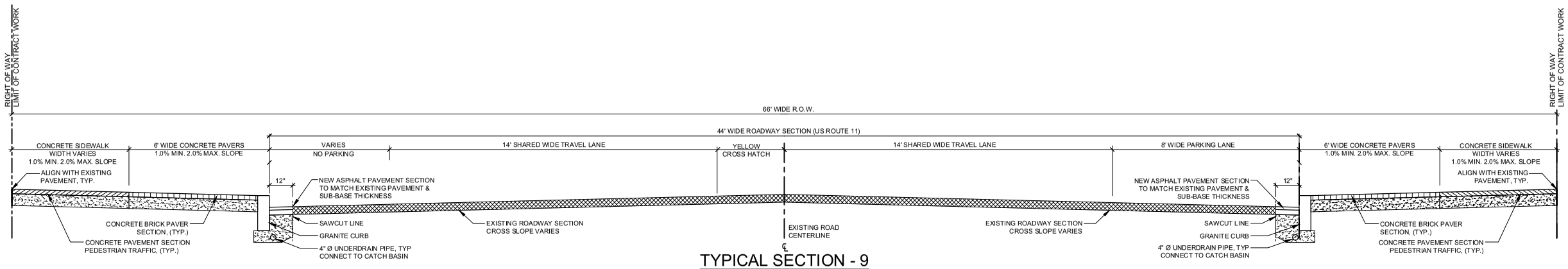
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APPENDIX - A

ALTERNATE 2
PROPOSED
CONDITIONS
TYPICAL SECTIONS

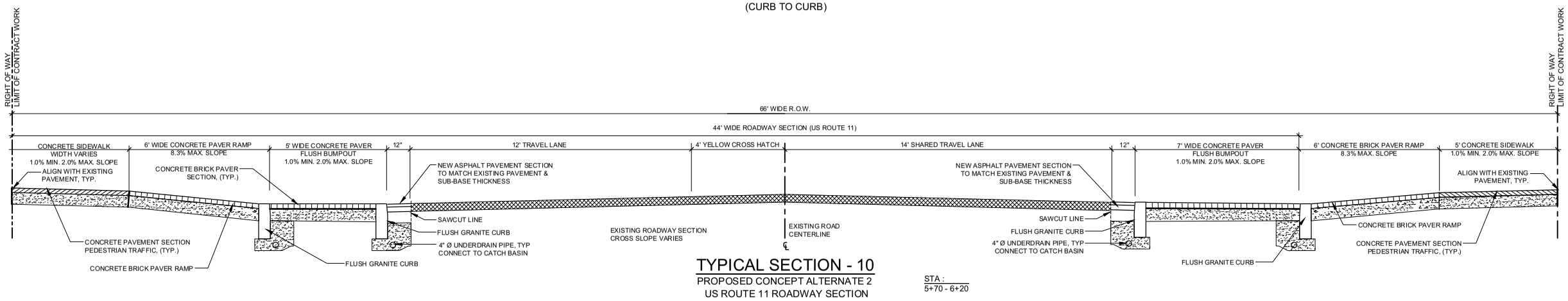
SHEET:
3A



TYPICAL SECTION - 9

PROPOSED CONCEPT ALTERNATE 2
NYS ROUTE 11 ROADWAY SECTION
NO SCALE
(CURB TO CURB)

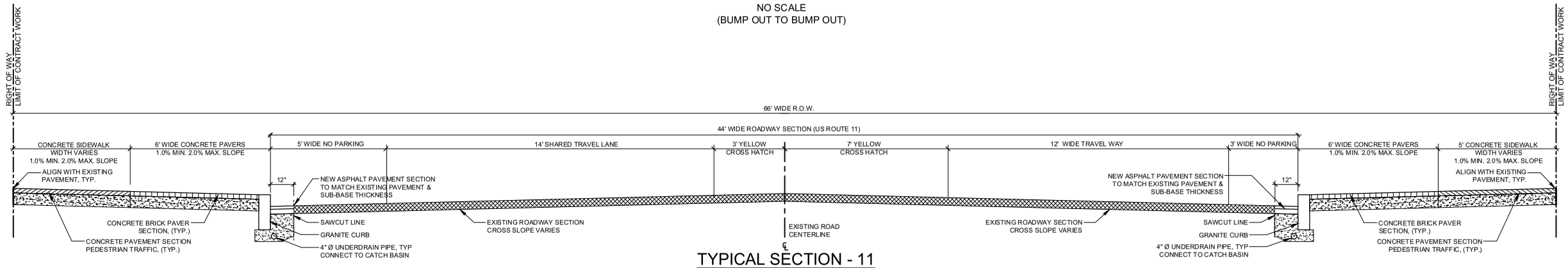
STA :
5+10 - 5+70



TYPICAL SECTION - 10

PROPOSED CONCEPT ALTERNATE 2
US ROUTE 11 ROADWAY SECTION
NO SCALE
(BUMP OUT TO BUMP OUT)

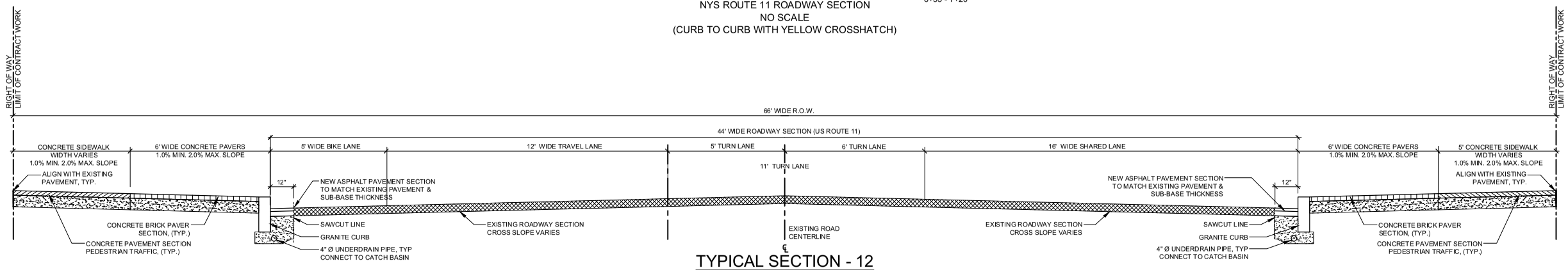
STA :
5+70 - 6+20



TYPICAL SECTION - 11

PROPOSED CONCEPT ALTERNATE 2
NYS ROUTE 11 ROADWAY SECTION
NO SCALE
(CURB TO CURB WITH YELLOW CROSSHATCH)

STA :
6+55 - 7+20



TYPICAL SECTION - 12

PROPOSED CONCEPT ALTERNATE 2
NYS ROUTE 11 ROADWAY SECTION
NO SCALE
(CURB TO CURB WITH TRAVEL LANE

STA :
7+20 - 8+25

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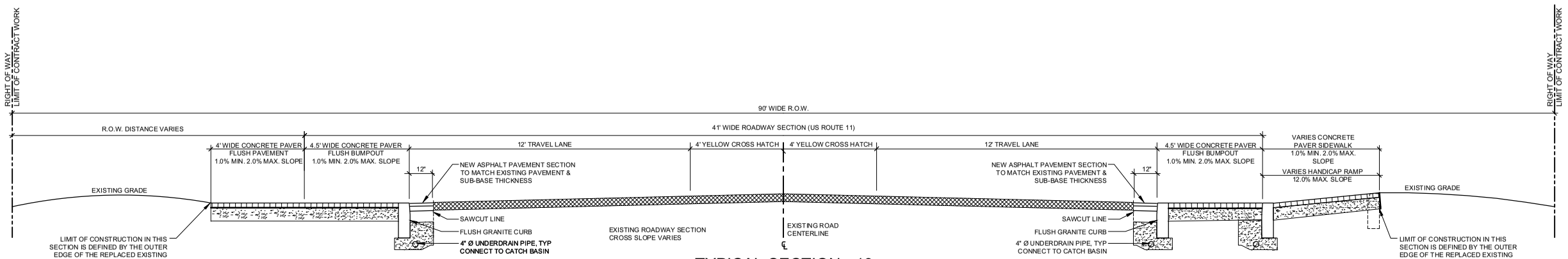
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ALTERNATE 2
PROPOSED
CONDITIONS
TYPICAL SECTIONS

SHEET:
4



TYPICAL SECTION - 13

PROPOSED CONCEPT ALTERNATE 2
US ROUTE 11 ROADWAY SECTION
NO SCALE
(BUMP OUT TO BUMP OUT)

STA :
8+60 - 9+00

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ALTERNATE 2
PROPOSED
CONDITIONS
TYPICAL SECTIONS

SHEET:
4A

LEGEND

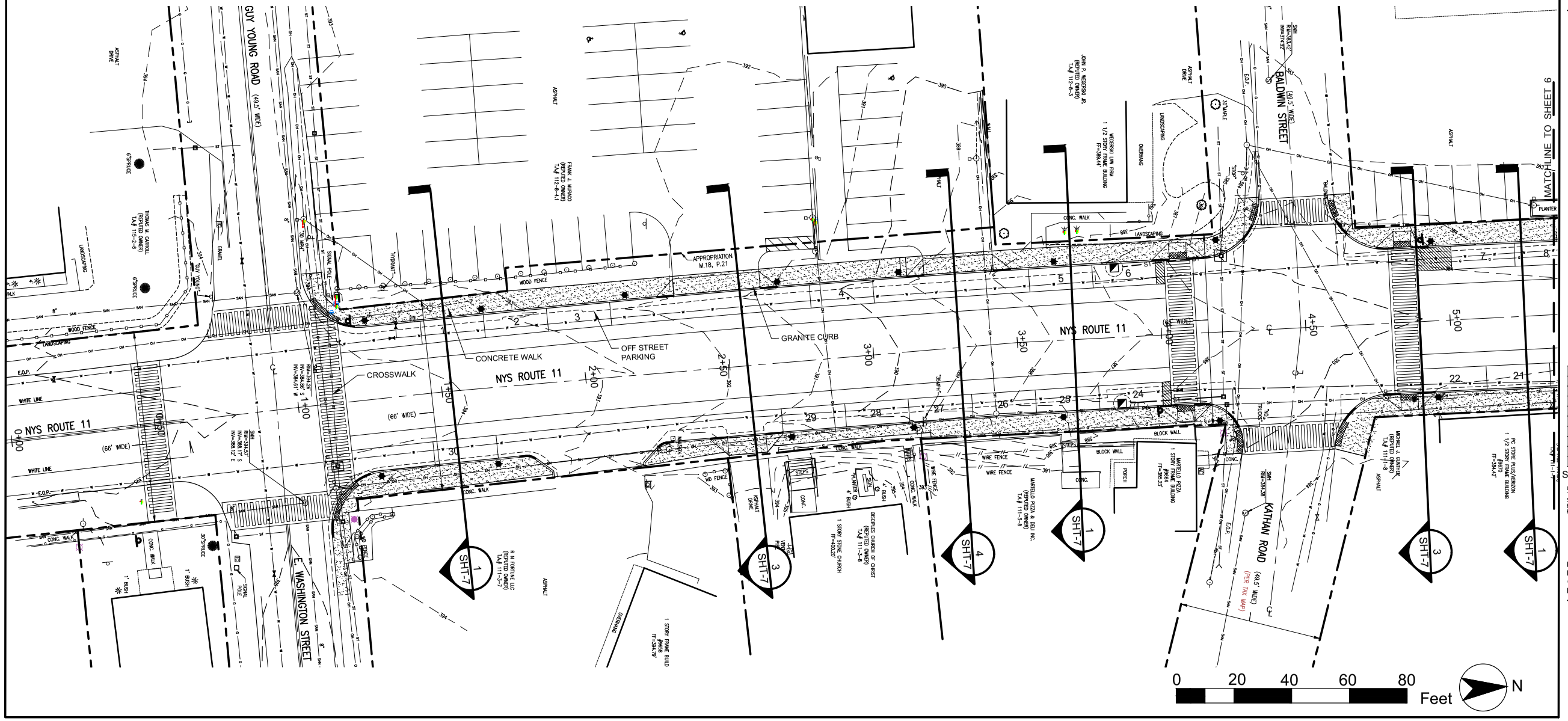
- MONUMENT
- REBAR
- PIPE
- CONIFEROUS TREE
- DECIDUOUS TREE
- ONE POST SIGN
- TWO POST SIGN
- BOLLARD/POST
- FLAG POLE
- MB MAILBOX
- PB PAPER BOX
- AC AIR CONDITIONER
- ELECTRICAL BOX
- EM ELECTRIC METER
- GAS VALVE
- GAS SERVICE
- GAS METER
- GAS VENT
- GLM GAS LINE MARKER
- LIGHT POLE (PEDESTAL)
- WASH LIGHT
- LIGHT PULL BOX
- PHONE BOOTH
- TELEPHONE JUNCTION BOX
- UTILITY POLE
- UTILITY POLE W/ LIGHT
- GW GUY WIRE
- SP SIGNAL POLE
- TRAFFIC CONTROL HANDHOLE
- RECTANGULAR HANDHOLE
- ROUND HANDHOLE
- SQUARE HANDHOLE
- SQUARE POST
- HYDRANT
- WATER VALVE
- WATER SERVICE
- C/O CLEAN OUT
- CATCH BASIN
- DRAINAGE MANHOLE
- SANITARY MANHOLE
- UNKNOWN MANHOLE

- SWLE SWLE CENTERLINE OF SWALE/DITCH
- X X X X X CHAIN LINK FENCE
- WOOD FENCE
- // // // // WIRE FENCE
- IRON FENCE
- GUARD RAIL
- SAN SAN SANITARY SEWER LINE
- ST ST ST STORM/DRAINAGE LINE
- W W W UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- UT UT UT UNDERGROUND TELEPHONE
- UE UE UE UNDERGROUND ELECTRIC
- FO FO FO UNDERGROUND FIBER OPTIC
- CTV CTV UNDERGROUND CABLE
- OH OH OH OVERHEAD UTILITY CABLE
- RAILROAD
- XXX MAJOR CONTOUR (5' INTERVAL)
- XXX MINOR CONTOUR (1' INTERVAL)
- PROPERTY LINE
- RIGHT OF WAY LINE

NOTES:
1. PROJECT LIMIT LINE FOLLOWS R.O.W. LINE.
2. DETECTABLE WARNING STRIPS ARE TO BE PROVIDED AT ALL DRIVEWAY CROSSINGS, BUMPOUTS, AND CROSSWALKS

PROPOSED LEGEND

- PROPOSED STREET LIGHTING
- PROPOSED CONCRETE PAVERS
- PROPOSED CONCRETE PAVEMENT
- PROPOSED GRANITE CURB
- PROPOSED GRANITE TRANSITION CURB
- PROPOSED HANDICAP RAMP WITH DETECTABLE WARNING PAVERS
- PROPOSED CROSSWALK
- PROPOSED SIGNAGE SEE SIGNAGE SCHEDULE
- 15 PROPOSED PARKING SPACE
- PROPOSED STREET TREE
- 1 / SHT-3 TYPICAL SECTION



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BREWERTON — A new day on the waterway — BREWERTON, NY REVITALIZATION PROJECT

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Town of Cicero

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APPENDIX - A

ALTERNATE 3
PROPOSED
CONDITIONS
STA 1+00 TO STA 5+35

SHEET:
5

LEGEND

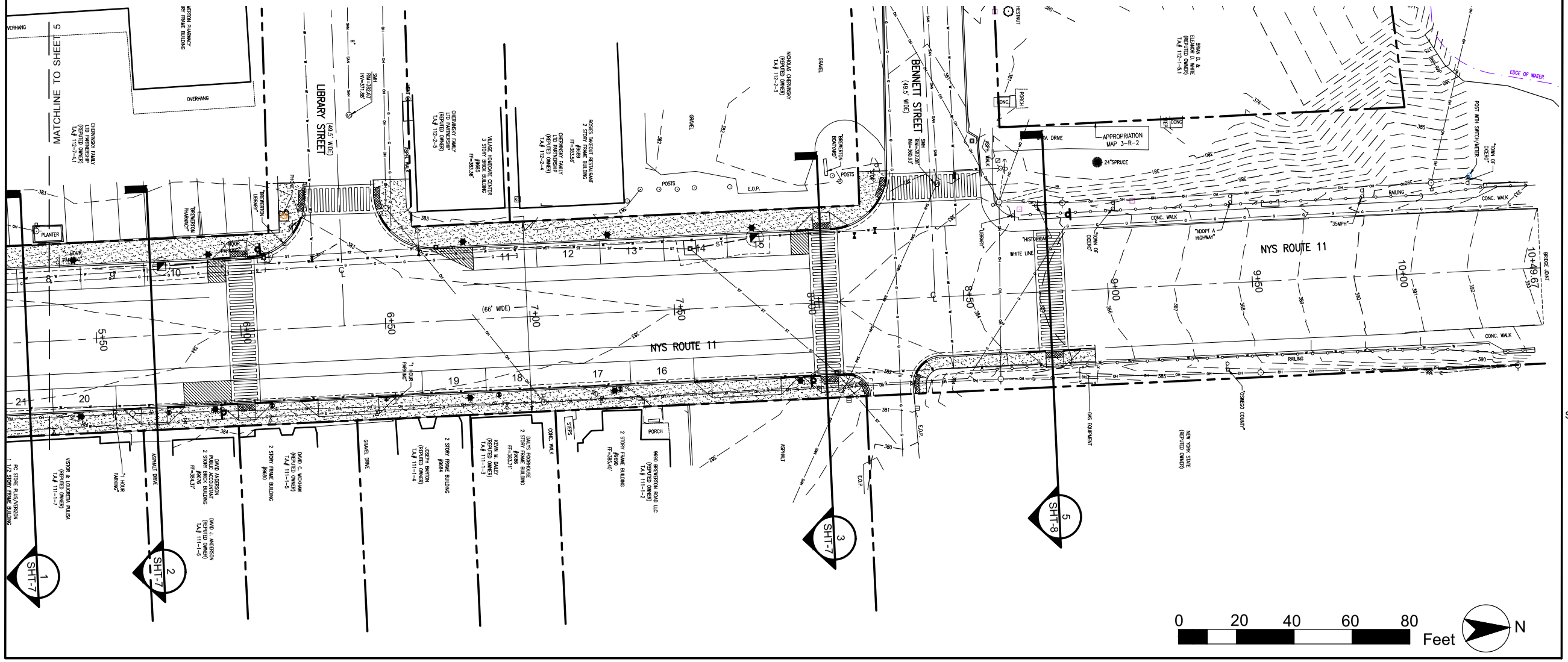
- MONUMENT
- REBAR
- PIPE
- CONIFEROUS TREE
- DECIDUOUS TREE
- ONE POST SIGN
- TWO POST SIGN
- BOLLARD/POST
- FLAG POLE
- MB MAILBOX
- PB PAPER BOX
- AIR CONDITIONER
- ELECTRICAL BOX
- ELECTRIC METER
- GAS VALVE
- GAS SERVICE
- GAS METER
- GAS VENT
- GLM GAS LINE MARKER
- LIGHT POLE (PEDESTAL)
- WASH LIGHT
- LIGHT PULL BOX
- PHONE BOOTH
- TELEPHONE JUNCTION BOX
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- ROUND HANDHOLE
- SQUARE HANDHOLE
- SQUARE POST
- HYDRANT
- WATER VALVE
- WATER SERVICE
- C/O CLEAN OUT
- CATCH BASIN
- DRAINAGE MANHOLE
- SANITARY MANHOLE
- UNKNOWN MANHOLE

- CENTERLINE OF SWALE/DITCH
- CHAIN LINK FENCE
- WOOD FENCE
- WIRE FENCE
- IRON FENCE
- GUARD RAIL
- SANITARY SEWER LINE
- STORM/DRAINAGE LINE
- UNDERGROUND WATER LINE
- UNDERGROUND GAS LINE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- UNDERGROUND FIBER OPTIC
- UNDERGROUND CABLE
- OVERHEAD UTILITY CABLE
- RAILROAD
- MAJOR CONTOUR (5' INTERVAL)
- MINOR CONTOUR (1' INTERVAL)
- PROPERTY LINE
- RIGHT OF WAY LINE

NOTES:
1. PROJECT LIMIT LINE FOLLOWS R.O.W. LINE.
2. DETECTABLE WARNING STRIPS ARE TO BE PROVIDED AT ALL DRIVEWAY CROSSINGS, BUMPOUTS, AND CROSSWALKS

PROPOSED LEGEND

- PROPOSED STREET LIGHTING
- PROPOSED CONCRETE PAVERS
- PROPOSED CONCRETE PAVEMENT
- PROPOSED GRANITE CURB
- PROPOSED GRANITE TRANSITION CURB
- PROPOSED HANDICAP RAMP WITH DETECTABLE WARNING PAVERS
- PROPOSED CROSSWALK
- PROPOSED SIGNAGE SEE SIGNAGE SCHEDULE
- 15 PROPOSED PARKING SPACE
- PROPOSED STREET TREE
- 1 / SHT-3 TYPICAL SECTION



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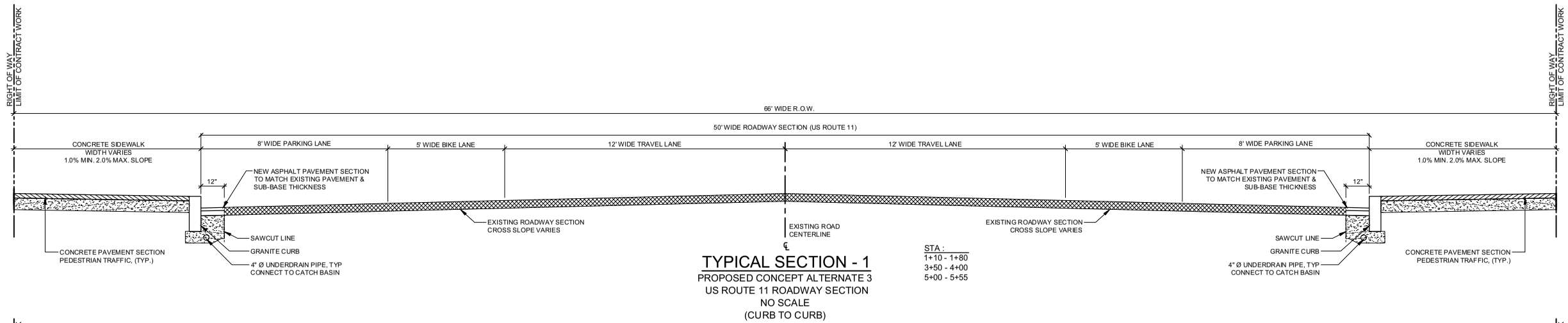
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APPENDIX - A

ALTERNATE 3
PROPOSED
CONDITIONS
STA 5+35 TO STA 10+49.67

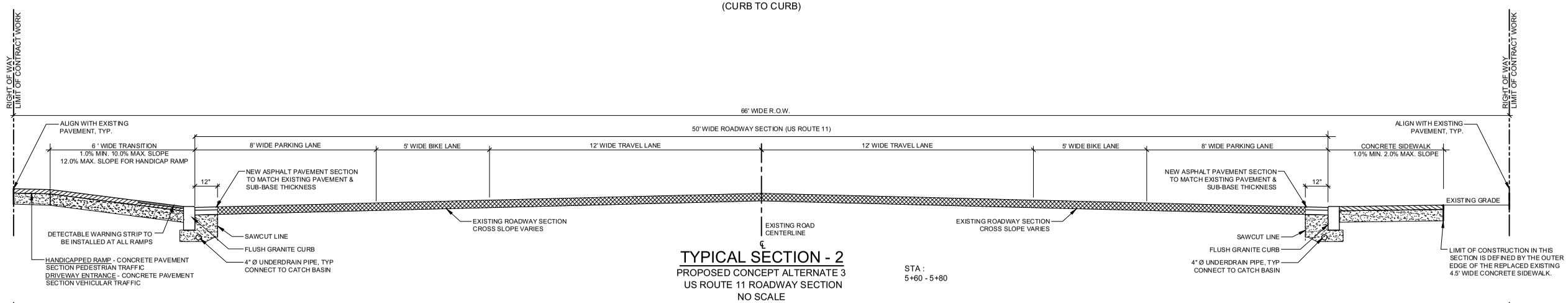
SHEET:
6



TYPICAL SECTION - 1

PROPOSED CONCEPT ALTERNATE 3
US ROUTE 11 ROADWAY SECTION
NO SCALE
(CURB TO CURB)

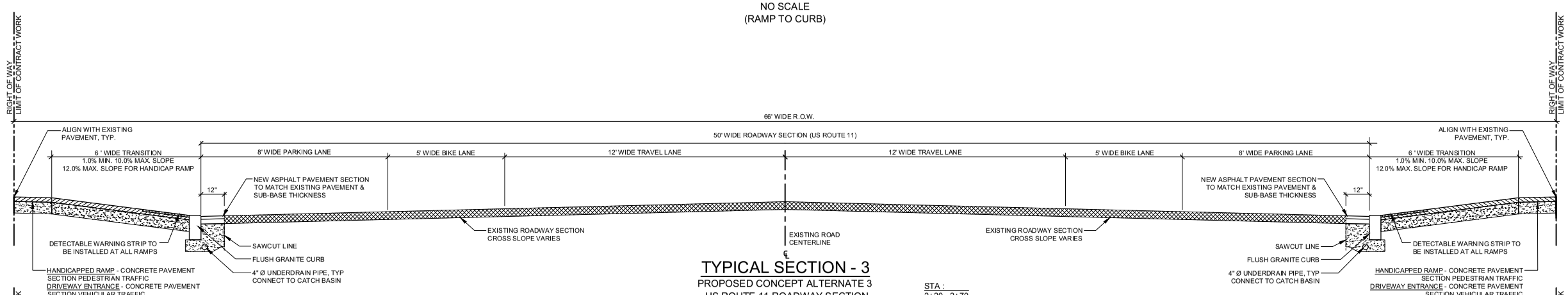
STA :
1+10 - 1+80
3+50 - 4+00
5+00 - 5+55



TYPICAL SECTION - 2

PROPOSED CONCEPT ALTERNATE 3
US ROUTE 11 ROADWAY SECTION
NO SCALE
(RAMP TO CURB)

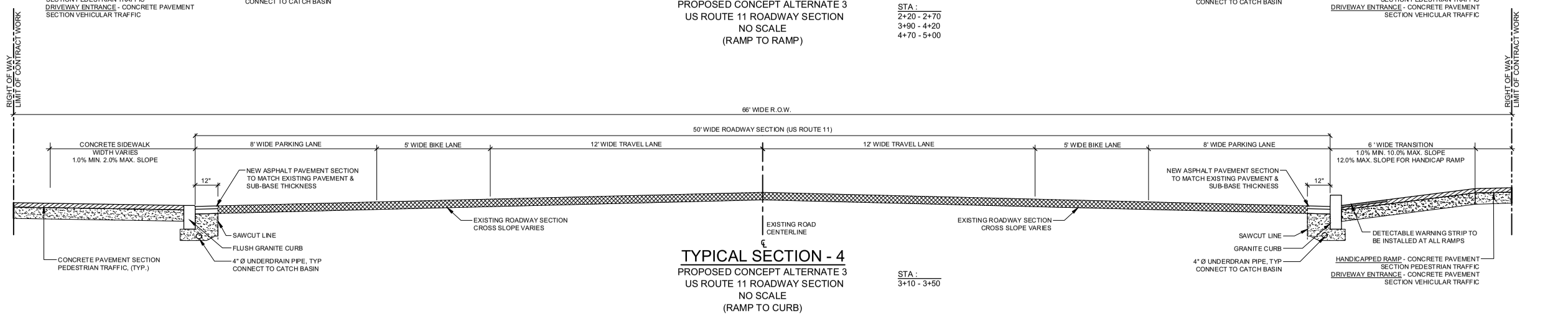
STA :
5+60 - 5+80



TYPICAL SECTION - 3

PROPOSED CONCEPT ALTERNATE 3
US ROUTE 11 ROADWAY SECTION
NO SCALE
(RAMP TO RAMP)

STA :
2+20 - 2+70
3+90 - 4+20
4+70 - 5+00



TYPICAL SECTION - 4

PROPOSED CONCEPT ALTERNATE 3
US ROUTE 11 ROADWAY SECTION
NO SCALE
(RAMP TO CURB)

STA :
3+10 - 3+50

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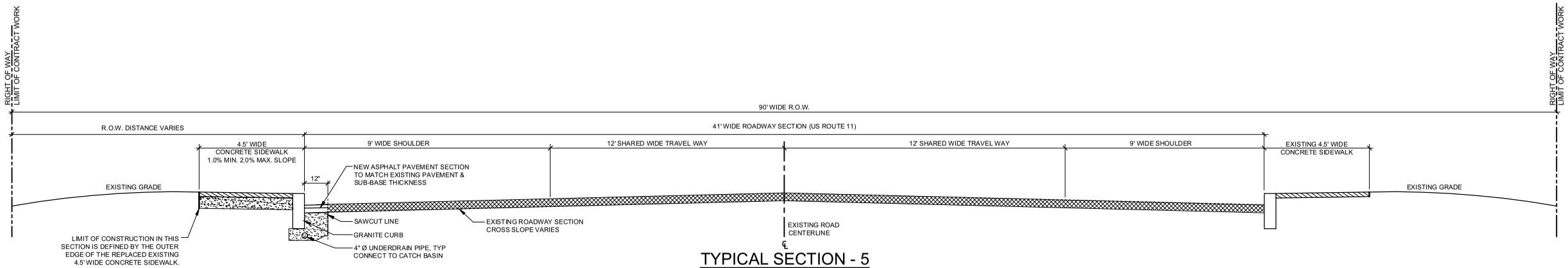
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ALTERNATE 3
PROPOSED
CONDITIONS
TYPICAL SECTIONS

SHEET:
7



TYPICAL SECTION - 5

PROPOSED CONCEPT ALTERNATE 3
US ROUTE 11 ROADWAY SECTION
NO SCALE
(SIDEWALK TO SIDEWALK)

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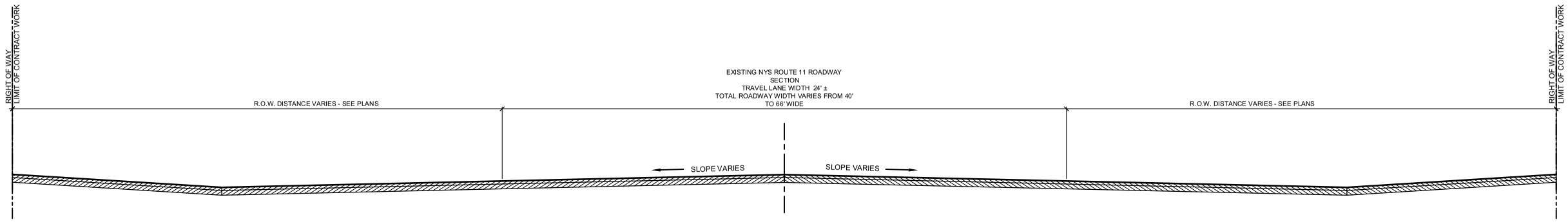
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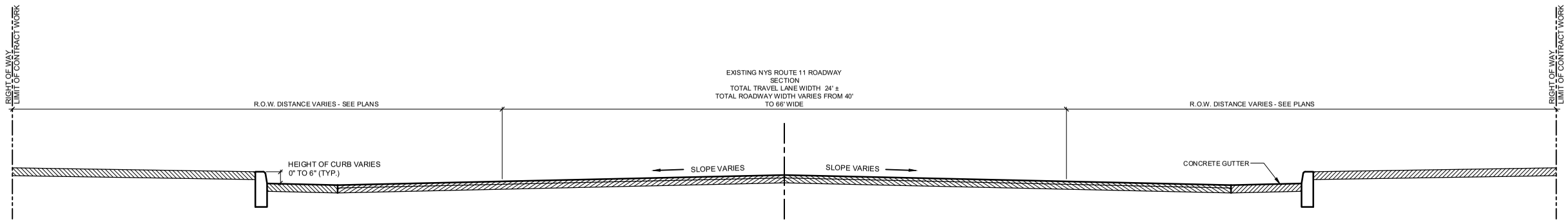
APPENDIX - A

ALTERNATE 3
PROPOSED
CONDITIONS
TYPICAL SECTIONS

SHEET:
8



TYPICAL SECTION -1
EXISTING NYS ROUTE 11 ROADWAY SECTION
NO SCALE



TYPICAL SECTION -2
EXISTING NYS ROUTE 11 ROADWAY SECTION
NO SCALE

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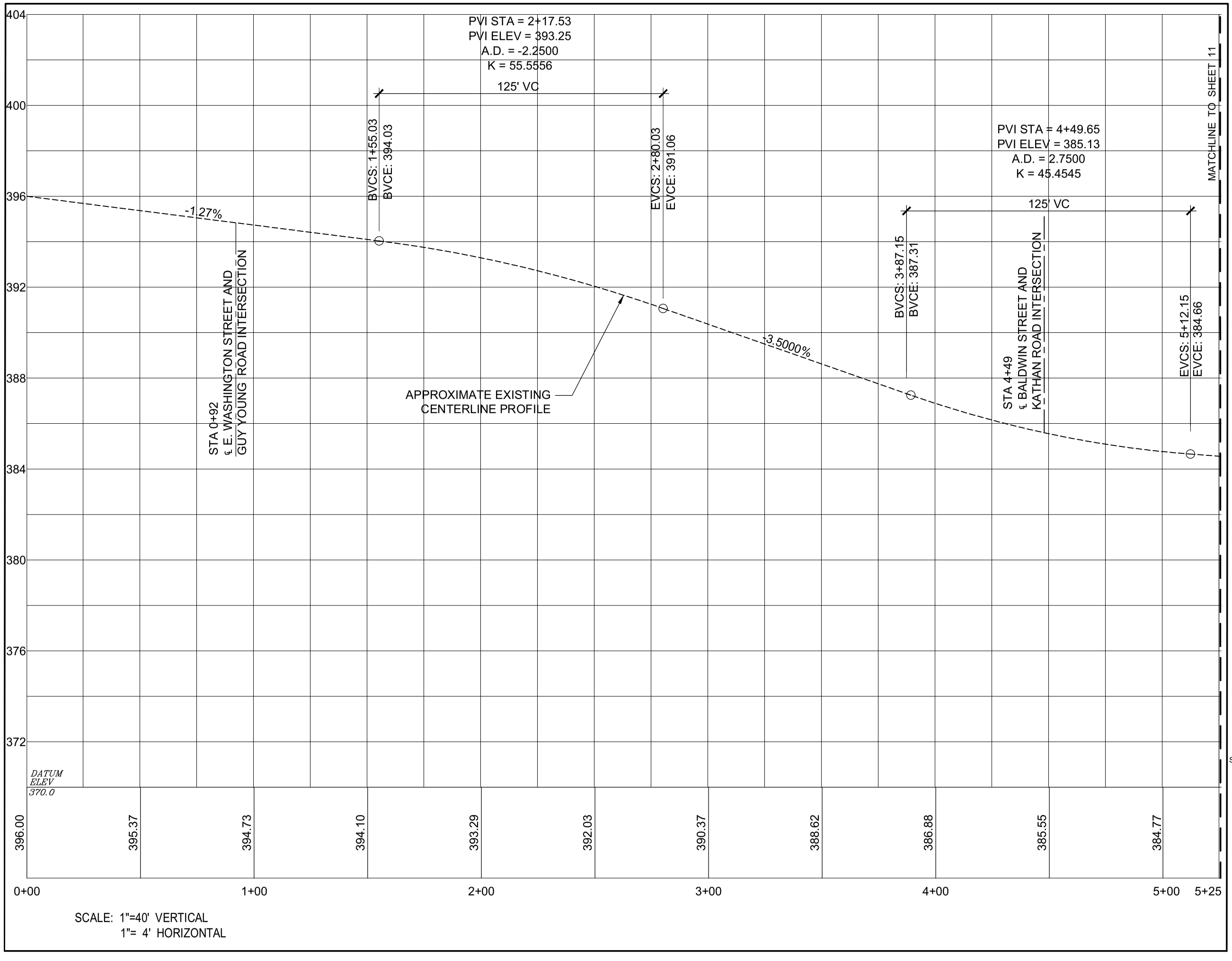
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APPENDIX - A

EXISTING TYPICAL SECTIONS

SHEET: 9



SCALE: 1"=40' VERTICAL
1"= 4' HORIZONTAL

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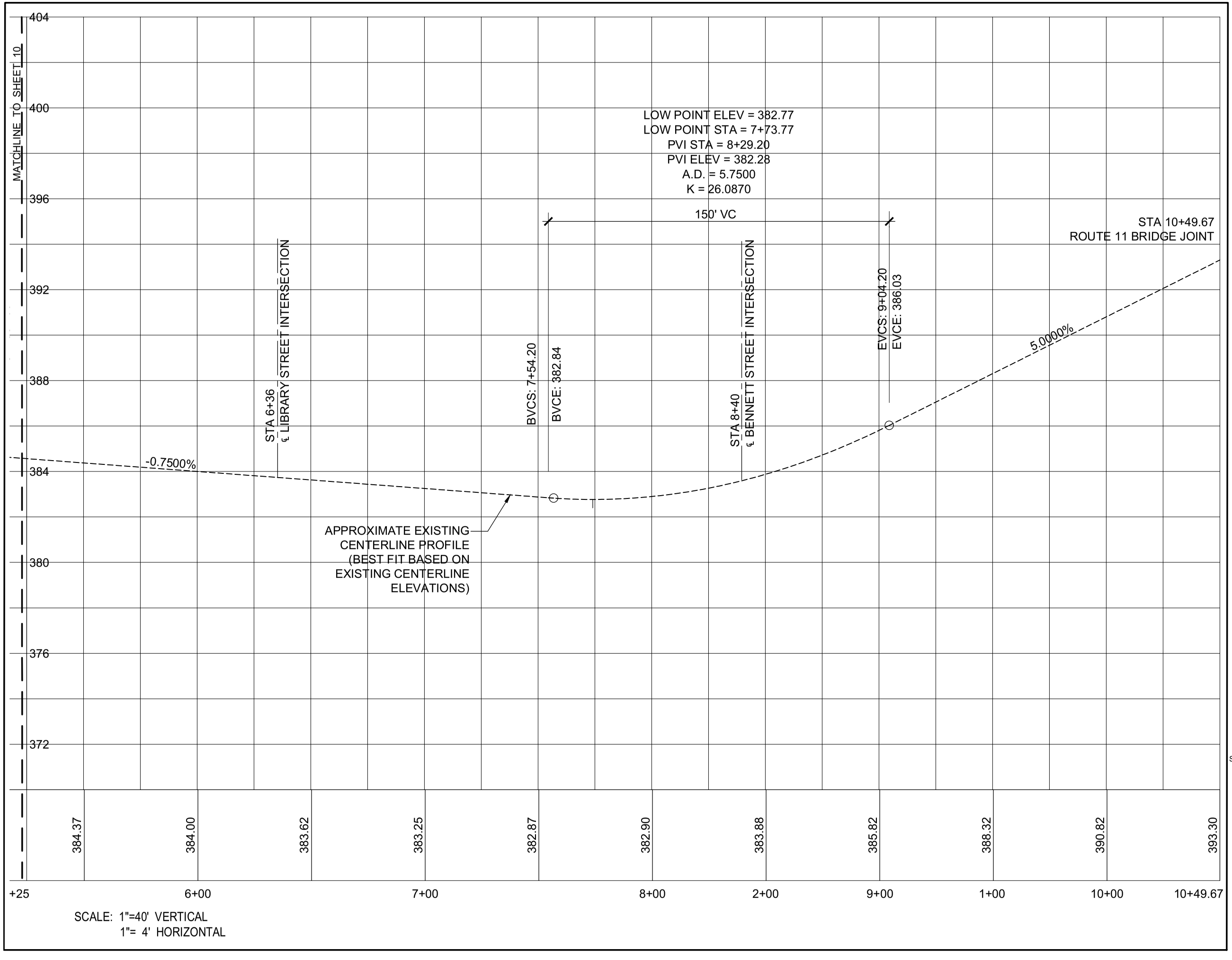
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APPENDIX - A

EXISTING ROAD PROFILE STA 0+00 TO 5+25

SHEET: 10



SCALE: 1"=40' VERTICAL
1"= 4' HORIZONTAL

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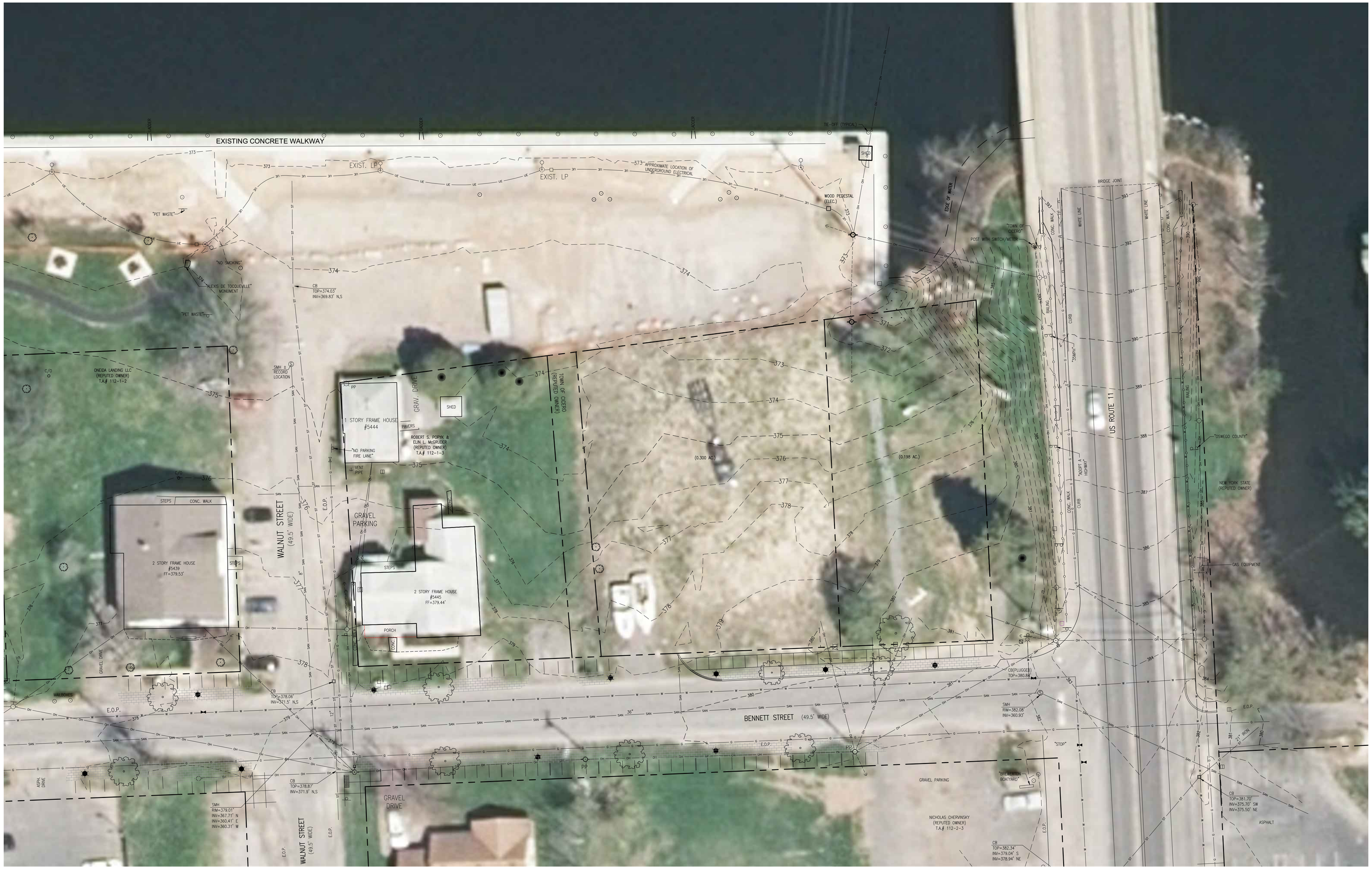
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APPENDIX - A

EXISTING ROAD PROFILE STA 5+25 TO 10+49.67

SHEET: 11



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New York City > Saratoga Springs > Syracuse

The Brewerton Revitalization Project

Town of Cicero

8236 BREWERTON ROAD
CICERO, NY 13039

REVISIONS				
NO	DATE	DESCRIPTION	DRAWN	CHK

SARATOGA ASSOCIATES PROJECT #: 2009-057.10M

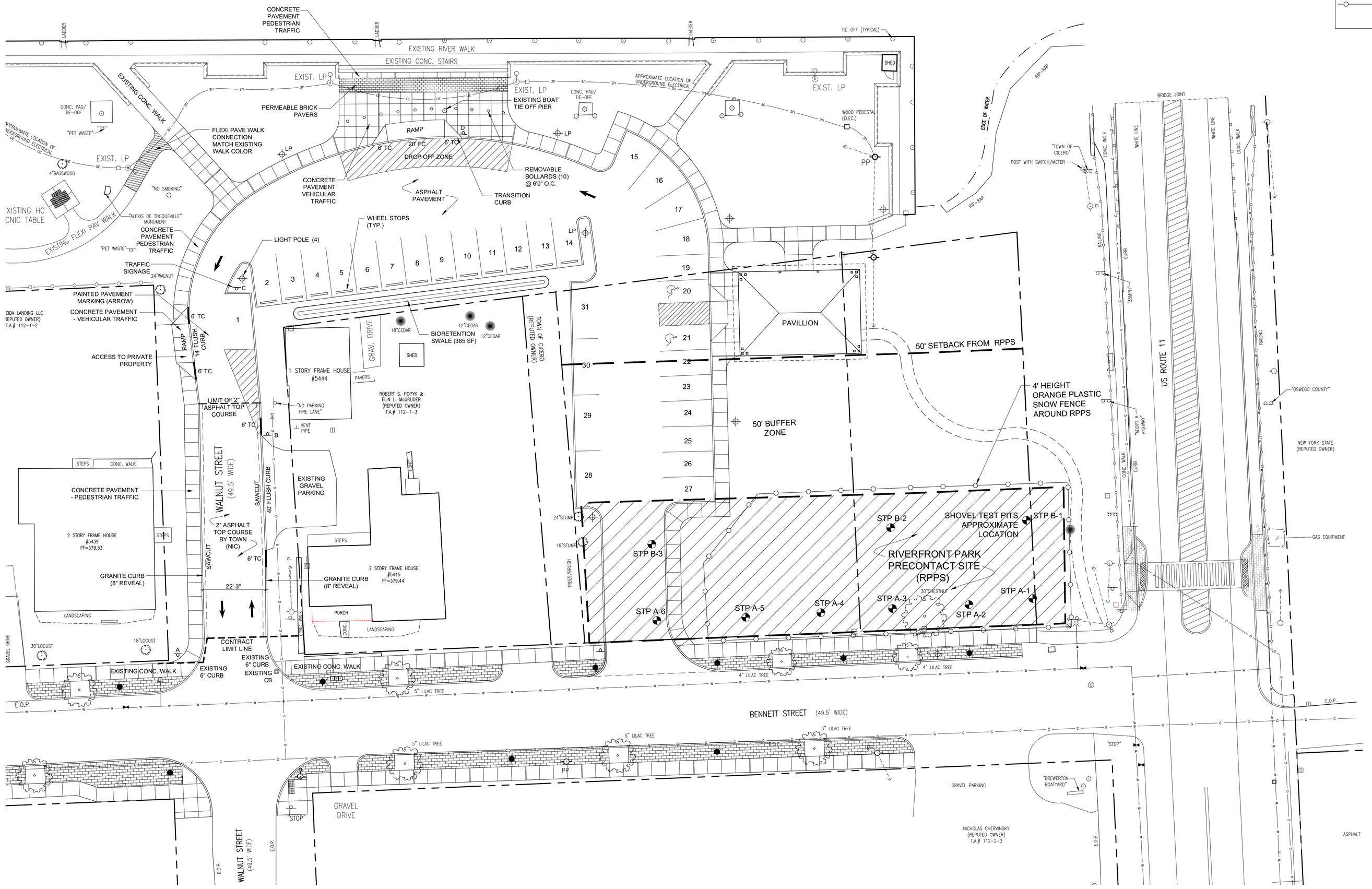
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DATE: December 2019
DRAWN BY: RJM
CHECKED BY: JWG
PHASE: Design Report

APPENDIX - A

EXISTING CONDITIONS RIVERFRONT PARK

SHEET: 12



LEGEND

SYMBOL	DESCRIPTION
	PERMEABLE BRICK PAVERS
	CONCRETE PAVEMENT
	ASPHALT PAVEMENT OR POROUS ASPHALT PAVEMENT
	GRANITE CURBING
LP	SITE LIGHTING
	DIRECTION OF TRAFFIC FLOW
	RIVERFRONT PARK PRECONTACT SITE (RPPS)
STP B-1	SHOVEL TEST PIT
	4' HGT. ORANGE PLASTIC SNOW FENCE

0 10 20 30 40 Feet

N

NOTE:
1. RIVERFRONT PARK PRECONTACT SITE (RPPS) AND SHOVEL TEST PIT (STP) INFORMATION TAKEN FROM THE PHASE 1B CULTURAL RESOURCES SURVEY PREPARED BY BIRCHWOOD ARCHAEOLOGICAL SERVICES.

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The Brewerton Revitalization Project

Town of Cicero

8236 BREWERTON ROAD
CICERO, NY 13039

REVISIONS				
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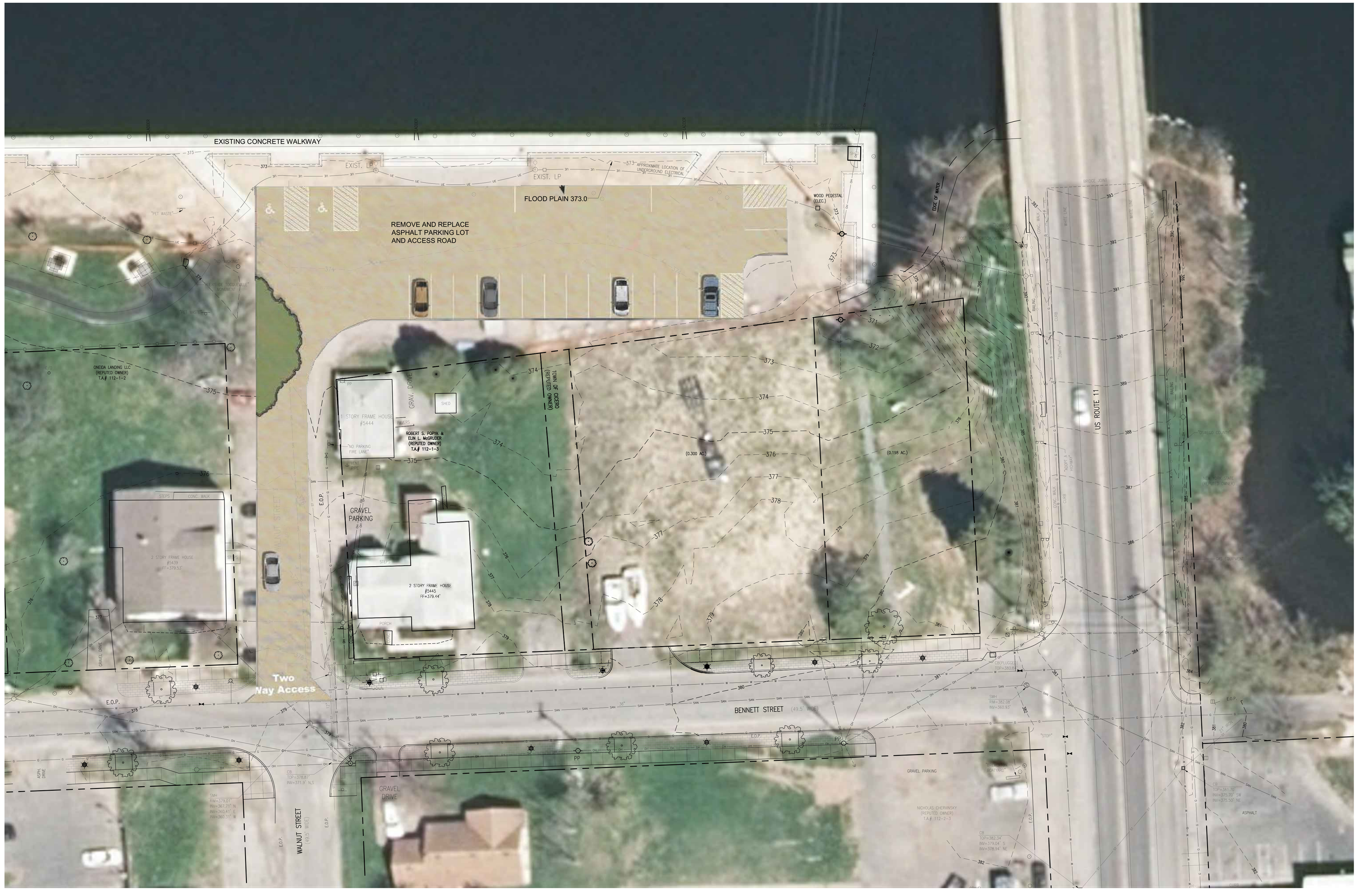
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APPENDIX - D

ALTERNATE 2
PROPOSED CONDITIONS
RIVERFRONT PARK

SHEET: 13



N

0 10 20 30 40 Feet

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New York City > Saratoga Springs > Syracuse

The Brewerton Revitalization Project

Town of Cicero

8236 BREWERTON ROAD
CICERO, NY 13039

REVISIONS				
NO	DATE	DESCRIPTION	DRAWN	CHK

SARATOGA ASSOCIATES PROJECT #: 2009-057.10M

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APPENDIX - A

ALTERNATE 3
PROPOSED
CONDITIONS
RIVERFRONT PARK

SHEET:
14

APPENDIX B
Environmental Information

Social, Economic and Environmental Resources Checklist

PIN: 375495	FUNDING TYPE: Federal
DESCRIPTION: Streetscape Improvements to U.S. Route 11 and redesign/expansion of Riverfront Park.	DATE:4/09/2018
	REVISION DATE:
MUNICIPALITY:Town of Cicero	NEPA CLASS: CE
COUNTY:Onondaga County	SEQRA TYPE: Unlisted
SCOPE:	

SOCIAL, ECONOMIC AND ENVIRONMENTAL CONSIDERATIONS	IF YES, GO TO IMPACT OR ISSUE; IF NO CHECK BOX BELOW	IMPACT[1] OR ISSUE?	
	NO	YES	NO
Social			
A. Land Use			
1. Is there potential to affect current land use/zoning?	☒	☐	☐
2. Is there a lack of consistency with community's comprehensive plan and/or other local or regional planning goals?	☒	☐	☐
3. Will the project affect any planned or future development?	☒	☐	☐
B. Neighborhoods and Community Cohesion			
1. Are relocations of homes or businesses proposed or acquisition of community resources anticipated?	☒	☐	☐
2. Is there potential for changes to neighborhood character?	☒	☐	☐
3. Is there a potential to impact transportation options (e.g., transit, walking, bicycling)?	☐	☒	☐
4. Are there potential changes to travel patterns that could affect neighborhood quality of life?	☒	☐	☐
5. Will the project divide or isolate portions of the community or generate new development that could affect the current community structure?	☒	☐	☐
C. General Social Groups			
1. Are there potential effects to the ability of transit dependent, elderly, or disabled populations to access destinations (particularly local businesses and health care facilities)?	☐	☒	☐
2. Does the project have the potential to disproportionately impact low income or minority populations (Environmental Justice)?	☒	☐	☐
3. Are there alterations to pedestrian facilities that would affect the elderly or disabled such as lengthening pedestrian crossings or providing median refuge?	☐	☒	☐
D. Community Services			
1. Is there potential to affect access to or use of Schools, Recreation Areas or Places of Worship (e.g., detours, sidewalk	☐	☒	☐

SOCIAL, ECONOMIC AND ENVIRONMENTAL CONSIDERATIONS	IF YES, GO TO IMPACT OR ISSUE; IF NO CHECK BOX BELOW	IMPACT[1] OR ISSUE?	
	NO	YES	NO
removal, addition of curb ramps, crosswalks, pedestrian signals, etc.)?			
2. Is there potential to affect emergency service response?	☒	☐	☐
Economic			
A. Regional and Local Economies			
1. Is there potential to affect local economic viability (e.g., development potential, tax revenues, employment opportunities, retail sales or public expenditures)?	☐	☒	☐
2. Is there a potential to divert traffic away from businesses?	☒	☐	☐
B. Business Districts			
1. Are there potential effects on the viability or character of Business Districts?	☐	☒	☐
2. Will the project affect transportation options available for patrons getting into or out of the District?	☐	☒	☐
3. Will sidewalks, bicycling opportunities or transit opportunities to or within the district be affected?	☐	☒	☐
4. Will parking within the district be affected?	☐	☒	☐
C. Specific Business Impacts			
1. Are effects to specific businesses anticipated? (e.g., sidewalks, bicycling opportunities, or handicapped access to and from businesses)?	☐	☒	☐
2. Will the project affect available transportation options for patrons to businesses?	☐	☒	☐
3. Will the project affect the ability of businesses to receive deliveries?	☒	☐	☐
4. Will parking for businesses be affected?	☐	☒	☐
Environmental			
1. Are there wetlands within or immediately adjacent to the project limits? *See Environmental Procedures Manual (EPM) 4.A.R, Executive Order (EO) 11990 may apply.*	☐	☐	☒
2. Are there Surface Waters (other than wetlands) within or immediately adjacent to the project limits? *lakes, ponds streams or wetlands of any jurisdiction*	☐	☐	☒
3. Is there a designated Wild or Scenic River within or immediately adjacent to the project limits? *(See The Environmental Manual (TEM) 4.4.3)*	☒	☐	☐
4. Will the project require a U.S. Coast Guard Bridge Permit? *Project area includes a bridge over navigable waters of U.S.*	☒	☐	☐
5. Does the project area contain waters regulated as Navigable by U. S. Army Corps of Engineers? *Section 404/10 Individual Permit or NWP 23 may be required*	☒	☐	☐
6. Is the project in a mapped Flood Zone? *TEM section 4.?, EO 11988*	☐	☐	☒
7. Is the project in or could it affect a designated coastal area? *FAN and/or Consistency determination may be required. See TEM 4.6*	☒	☐	☐

SOCIAL, ECONOMIC AND ENVIRONMENTAL CONSIDERATIONS	IF YES, GO TO IMPACT OR ISSUE; IF NO CHECK BOX BELOW	IMPACT[1] OR ISSUE?	
	NO	YES	NO
8. Is the project area above a Sole Source Aquifer? *See TEM 4.4 Coordination with FHWA and/or EPA may be required.*	☒	☐	☐
9. Will the project involve one (1) acre of ground disturbance (or 5,000 sf in the East of Hudson watershed)?	☒	☐	☐
10. Are federally/state listed endangered species or designated critical habitat indicated for the project county? *Coordination with DEC and/or a FHWA determination may be required. See TEM 4.4.9.3*	☐	☐	☒
11. Is the project in a designated Critical Environmental Area? *TEM 4.4.11(SEQR issue)*	☐	☐	☒
12. Are there any resources protected by Section 106 (or Section 1409) within the project limits or immediate area? *See TEM 4.4.12 Appendix G*	☐	☐	☒
13. Is Native American coordination required outside of Section 106 consultation? *The project on or affecting Native American Lands or other areas of interest*	☒	☐	☐
14. Is there a use, constructive use or temporary occupancy of a 4(f) resource? *See SECTION 4(f) POLICY PAPER and contact Area Engineer.*	☒	☐	☐
15. Will the project involve conversion of a 6(f) resource? *listed as having Land and Water Conservation funds spent on the resource*	☒	☐	☐
16. Is there any potential to affect the character of important and possibly significant the visual resources of the project area and its environs? (*See PDM Chapter 3.2.2.2)*	☐	☐	☒
17. Will the project convert land protected by the Federal Farmland Protection Act? *See TEM 4.4.15*	☒	☐	☐
18. Will the project acquire active farmland from an Agricultural District? *(SEQR issue)*	☒	☐	☐
19. Is the project in a non-attainment area and exceed the CO screening criteria? *see EPM Chapter 1 1.1-19 an Air Quality Analysis required*	☒	☐	☐
20. Is the project in a non-attainment area and exceed the PM screening criteria? *see EPM Chapter 1 1.1-19? A hot spot analysis is required*	☒	☐	☐
21. Is the project a Type I Noise project as per 23 CFR 772? *See TEM 4.4.18*	☒	☐	☐
22. Will the project require the removal of Asbestos Containing Materials? *See TEM 4.4.19*	☒	☐	☐
23. Does the project area contain Contaminated and Hazardous Materials? *EPA National Priority List*	☒	☐	☐
24. Will the project increase the height of towers, construct new towers or other obstructions in a known migratory bird flyway?	☒	☐	☐

NOTES:
[1] The term “impacts” means both positive and negative effects. Both types of effects should be discussed in the body of the report as appropriate.

PREPARED BY (Print Name and Title)**:**

CERTIFICATION:

I certify that the information provided above is true and accurate.

Regional/Main Office Environmental Unit Supervisor _____ Date _____

Print Name and Title: _____

Federal Environmental Approval Worksheet

PIN: 375495	Completed by: Saratoga Associates	Date Completed: 5/15/20	FUNDING TYPE: Choose an item.
DESCRIPTION: Improvements to the U.S. Route 11 streetscape and expansion/upgrades to the Riverfront Park.			NEPA CLASS: Class II: CE
			SEQR TYPE: Unlisted (local projects only)
LOCALITY (Village, Town, City): Hamlet of Brewerton, Town of Cicero			COUNTY: Onondaga

Purpose of this Worksheet:

- Implement the ***P****rogrammatic* ***A****greement Between the Federal Highway Administration, New York Division (FHWA), and the New York State Department of Transportation (NYSDOT)* ***R****egarding the Processing of Actions Classified as* ***C****ategorical* ***E****xclusions (CEs) for Federal-Aid Highway Projects* (PARCE), executed September 2017.
- Communicate the project National Environmental Policy Act (NEPA) classification and identify whether the FHWA or the NYSDOT (titles identified per Project Development Manual (PDM) Chapter 4, Exhibit 4-2) is making the CE determination.
- Identify any FHWA independent determinations, approvals and/or concurrences required before the CE determination can be made.
- To be included within the Design Approval Document (DAD) in accordance with the documentation requirements in the PARCE.

Categorical Exclusion (CE) - a category of actions which do not individually or cumulatively have a significant effect on the human environment and which have been found to have no such effect in procedures adopted by a Federal agency (40 CFR 1508.4). Actions that do not individually or cumulatively have a significant environmental effect are excluded from the requirement to prepare an Environmental Assessment (EA) or Environmental Impact Statement (EIS) (23 CFR 771.115(b)).

Instructions:
Initial review of the Federal Environmental Approval Worksheet (FEAW) should occur in scoping or early in Design Phase I to identify potential risks. Complete new review of the FEAW periodically, particularly if project parameters or site condition changes result in potential resource impacts. Completion of the FEAW with signature in Step 4 is required prior to Design Approval. See PDM Chapter 4 for additional details.

Step 1A: Unusual Circumstances Threshold Determination – 23 CFR 771.117(b)
Do any, or the potential for any, unusual circumstances exist[1]?

- Significant environmental impacts **YES☐ NO☒**
- Substantial controversy on environmental grounds **YES☐ NO☒**
- Significant impact on properties protected by Section 4(f) of the DOT Act or Section 106 of the National Historic Preservation Act **YES☐ NO☒**
- Inconsistencies with any Federal, State, or local law, requirement or administrative determination relating to the environmental aspects of the project **YES☐ NO☒**

If yes to any of the above, contact the Main Office Project Liaison (MOPL) (see PDM Exhibit 4-1). Any project which would normally be classified as a CE but could involve unusual circumstances (or even uncertainty) will require consultation with the Office of Environment (OOE) and subsequently with the FHWA to determine if CE classification is still warranted. If, after consultation with the FHWA, it is determined that the project cannot be progressed as a CE, **skip to step 4** and see PDM Chapter 4 for NEPA Class I (EIS) or Class III (EA) processing. If, after consultation with the FHWA, it is determined that the project can be progressed as a CE, **proceed to step 1B.**

If no to all the above, then this project qualifies as a CE; **proceed to step 1B**.

Step 1B: Identification of CE action
Is the project an action listed in 23 CFR 771.117 (c) - (d) (or as identified in FHWA's additional flexibilities memo)?
YES☒ NO☐

If Yes, proceed to step 2.

If No, contact the MOPL (see PDM Exhibit 4-1). If, after consultation with the OOE and the FHWA, it is determined that the project cannot be progressed as a CE, **skip to step 4** and see PDM Chapter 4 for NEPA Class I (EIS) or Class III (EA) processing. If, after consultation with the FHWA, it is determined that the project can continue as a CE, **proceed to step 2.**

[1] See definitions and examples of unusual circumstances *in FEAW_Instructions.doc*

Federal Environmental Approval Worksheet

Project ID Number: 375495

Step 2: FHWA environmental actions required prior to CE determination[2]

The Step 2 table identifies certain issues that require: the FHWA to make the CE determination (Column A and 2.4); independent FHWA determinations (2.1); FHWA approvals, compliance or concurrence (2.2); or notification to the FHWA (2.3). Review ***the FEAW Thresholds document*** to determine how to fill out each column of Step 2.

2.1	Required FHWA Independent environmental determinations	PARCE threshold exceeded[3]	FHWA independent determination/ concurrence required	Date determination/ concurrence issued	Resource not present, or present but threshold not exceeded
		A	B	B1	C
Executive Order (EO) 11990 Protection of Wetlands Individual Finding			☐	Date Issued	☒
ESA Section 7 Threatened and Endangered Species		☐	☒	2/19/2020	☐
Section 106 of National Historic Preservation Act		☐	☒	6/12/2020	☐
Section 4(f) (Park, Wildlife Refuge, Historic Sites, and National Wild and Scenic Rivers)		☐	☐	Date Issued	☒
2.2	**Other FHWA environmental approvals, compliance and/or concurrence required**	**PARCE threshold exceeded[3]**	**Threshold exceeded; FHWA approval, compliance or concurrence required**		**Resource not present, or present but threshold not exceeded**
EO 11988 Floodplains		☐	☐		☒
EO 13112 Invasive Species			☐		☒
EO 12898 Environmental Justice			☐		☒
Safe Drinking Water Act Section 1424(e)			☐		☒
US Army Corps of Engineers, Section 404/10 NWP #23			☐		☒
Section 6(f) Land and Water Conservation Funds			☐		☒
Migratory Bird Treaty Act			☐		☒
23CFR772 Type I Noise abatement			☐		☒
2.3	**Other Environmental Issues requiring FHWA notification**	**PARCE threshold exceeded[3]**	**FHWA notification threshold exceeded**		**Resource not present, or present but threshold not exceeded**
US Army Corps of Engineers, Section 404/10 Individual Permit		☐	☐		☒
National Wild and Scenic Rivers		☐	☐		☒
US Coast Guard Bridge Permit		☐	☐		☒
Known hazardous waste site (only EPA National Priority list)			☐		☒
Project on or affecting Native American Lands			☐		☒
2.4	**Other Issues Triggering FHWA Approval of Categorical Exclusion**	**PARCE threshold exceeded[3]**			**Resource not present, or present but threshold not exceeded**
Property Acquisition		☒			☐
Major Traffic Disruptions		☐			☒
Changes in Access Control		☐			☒

[2] **This table does not represent all environmental issues and actions that a project is subject to**. Classification as a CE does not exempt the project from further environmental review. Refer to the PDM and The Environmental Manual (TEM) to determine review requirements.

[3] When PARCE threshold is exceeded, the NYSDOT recommends that the project qualifies as a CE and requests the FHWA make the CE determination. Information on PARCE specific thresholds are contained within ***the FEAW Thresholds document.***

Federal Environmental Approval Worksheet

Project ID Number: 375495

Step 3: Who makes the NEPA CE Determination?

To identify which party, either the FHWA or the NYSDOT, makes the CE determination in accordance with the PARCE, follow the instructions found in the table below, beginning in Step 3A. This step also identifies which correspondence shell to use to distribute the FEAW and other environmental notifications or approvals.

3	**Determine whether the FHWA or the NYSDOT makes the CE determination and whether additional notifications or approvals are required.**
3A	**Is the project an action listed in 23 CFR 771.117 (c) - (d)** (Answered yes in Step 1B)**?** **YES** ☒ If Yes, **proceed to 3B.** **NO** ☐ If No, the FHWA makes the CE determination. • For **Locally Administered Federal Aid Projects only**, the DAD, the NYSDOT recommendation and request (that the FHWA determines the project qualifies as a CE) are sent from the Regional Planning and Program Manager (RPPM) to the FHWA directly using **Shell 4.** • For all other projects, the DAD and the NYSDOT recommendation and request (that the FHWA determines the project qualifies as a CE) are sent to the MOPL for review using **Shell 3**. **Proceed to Step 4.**
3B	**Are any of the CE Thresholds from the PARCE not met** (Are there any checks in Column A of Step 2)**?** **YES** ☒ If Yes, the FHWA makes the CE determination. • For **Locally Administered Federal Aid Projects only**, the DAD and the NYSDOT recommendation and request (that the FHWA determines the project qualifies as a CE) are sent from the RPPM to the FHWA directly using **Shell 4.** • For all other projects, the DAD and the NYSDOT recommendation and request (that the FHWA determines the project qualifies as a CE) are sent to the MOPL for review using **Shell 3**. **Proceed to Step 4.** **NO** ☐ If No, **proceed to 3C.**
3C	**Are there outstanding independent environmental approvals or concurrences?** (Are there checks in column B of Step 2.1 without dates in column B1)**?** **YES** ☐ If Yes, then the FHWA makes the CE determination. • For **Locally Administered Federal Aid Projects only**, the DAD and the NYSDOT recommendation and request (that the FHWA determines the project qualifies as a CE) are sent from the RPPM to the FHWA directly using **Shell 4.** • For all other projects, the DAD and the NYSDOT recommendation and request (that the FHWA determines the project qualifies as a CE) are sent to the MOPL for review using **Shell 3**. **Proceed to Step 4.** **NO** ☐ If No, the NYSDOT makes the NEPA CE determination. **Proceed to 3D.**
3D	**Are there** ☐ any circumstances requiring demonstration of applicable EO compliance (any checks in column B of Table 2.2); or ☐ any issues requiring the FHWA environmental notification (any checks in column B of Table 2.3)? **YES** ☐ If **either** box is checked, **once all required approvals and concurrences have been secured,** the NYSDOT makes the CE determination but the information must be forwarded to FHWA for notification or action prior to Design Approval using **Shell 1. Proceed to step 4.** **NO** ☐ If **neither** box is checked, **once all required approvals and concurrences have been secured** the NYSDOT makes the CE determination without notification to the FHWA. The project will use **Shell 2**. **Proceed to step 4.**

Federal Environmental Approval Worksheet

Project ID Number: 375495

Step 4: Summary and Recommendation

- The project **is not** located within an area subject to transportation air quality conformity.
  - **If the project is within such areas, the NEPA process may not be completed until all transportation conformity requirements are met**[4]. Transportation conformity requirements **have** been met at the time of this signature.
- This project does qualify to be progressed as a Categorical Exclusion.
- The NEPA Determination will be made by FHWA
- Project is c(23) "Federally-funded projects that receive less than $5,000,000; or with total estimated cost of not more than $30,000,000 and Federal Funds comprising less than 15% of total estimated project cost." [4]
- All outstanding FHWA environmental approvals will be obtained and are listed here:
- All the conditions of the PARCE are addressed herein (or within the DAD or attachments).

I certify that the information provided above is true and accurate and recommend the project be processed as described above.

Project Manager/Designer
(or Responsible Local Official) x John W. Guariglia Date 5/15/2020

Print Name and Title: John W. Guariglia, Associate Principal

Regional Environmental Unit Supervisor x Karen J. Missell Date 10/9/2020

Print Name and Title: Karen J. Missell, SLA

Regional Local Project Liaison
(Locally Administered Projects Only) x Douglas K Mills Date 10/9/2020

Print Name and Title: Douglas K. Mills PE1/RLPL

Changes that may have occurred since the preparation of the FEAW which would create the need to go through the FEAW again include, but are not limited to: a change in the scope of the proposed project; a change in the social, economic or environmental circumstances or the setting of the project study area (i.e. the affected environment); a change in the federal statutory environmental standards: discovering new information not considered in the original process; and a significant amount of time has passed (equal or greater than three years).

[4] See additional information on identifying (c)26, (c)27 & (c)28 versus d (13) *in FEAW_Instructions.doc*

SARATOGA ASSOCIATES

THREATENED AND ENDANGERED SPECIES - TECHNICAL MEMORANDUM

HAMLET OF BREWERTON REVITALIZATION PROJECT

PIN 375495

US ROUTE 11 STREETSCAPE ENHANCEMENT
RIVERFRONT PARK REDESIGN

TOWN OF CICERO
ONONDAGA COUNTY, NEW YORK

JUNE 2017

U.S. Department of Transportation
Federal Highway Administration

New York State Department of Transportation

New York State Department of Transportation

Andrew M. Cuomo
NYS Governor

Matthew J. Driscoll
NYSDOT Commissioner

Landscape Architects, Architects,
Engineers and Planners, P.C.

Introduction

The Town of Cicero is currently engaged in the revitalization of the Hamlet of Brewerton. The project, known as the Hamlet of Brewerton Revitalization Project, includes the upgrades and expansion of the Riverfront Park and streetscape improvements to its main street, U.S. Route 11 (see Appendix A).

The project area is generally flat, open, and developed. It was determined that the greatest chance for a suitable habitat for those species listed below could occur within the Riverfront Park portion of the project area. With the exceptions of park improvements and the removal of two on-site dwellings (both structures were deemed hazardous and uninhabitable), little has changed to the overall character of the site. Since habitats do not appear to have changed, and none of the species listed below were ever witnessed by the Town, it is envisioned that the original *Threatened and Endangered Species Survey* (September 27, 2010) (see Appendix B) would still be appropriate.

All information and final determinations were reviewed and supported by a biologist from O'Brien & Gere (OBG).

United States Department of Interior Fish and Wildlife Services

In a letter dated June 8, 2017, the United States Department of Interior Fish and Wildlife Services identified three threatened or endangered species within the project area (see Appendix C). These species include the Indiana bat (endangered), Northern long-eared Bat (threatened), and the eastern Massasauga (threatened).

On September 17, 2010 a site visit was undertaken to review whether there was suitable habitat within the project area for these species. The report concluded the following for the eastern Massasauga and Indiana Bat:

Eastern Massasauga

Listed habitat: Wetlands.

Researched habitat requirements: This snake is associated with wetlands across its range, and bogs and swamps in the east. This would also include wet lowlands such as marshes and floodplains. Locations that provide both sunny open areas with elevated hummocks and shaded areas for retreat. The hummocks are used by the eastern Massasauga for bearing young and most importantly, for hibernation during winter months. Within New York, there are only two known populations. Both occur in boggy, forested wetlands with "open rooms" of low vegetation.

Site map and photo findings: Based on completed research there are no state or federal wetlands mapped within the project area. Also, the Oneida River and associated floodplain does not provide the necessary hummock micro-topography.

Site visit findings: There is no appropriate habitat present and the species was not observed on site.

Indiana Bat

Listed habitat: Caves and roost trees.

Research habitat: No appropriate habitat present; therefore no further investigations are warranted.

Site visit findings: No appropriate habitat present and species not observed at the site.

Northern long-eared Bat

Listed habitat: Caves and roost trees.

Research habitat: No appropriate habitat present; therefore no further investigations are warranted.

Site visit findings: No appropriate habitat present and species not observed at the site.

The Northern long-eared Bat was not considered a threatened species when the original analysis was completed. However, based on information presented by the U.S. Fish & Wildlife Service[1], the habitat of the long-eared bat is similar (if not the same) as the Indiana Bat. Therefore, it can be concluded that there is not an appropriate habitat present in the project area.

New York State Department of Environmental Conservation

In a letter dated February 17, 2017, the New York State Department of Environmental Conservation Division of Fish and Wildlife, New York Natural Heritage Program (see Appendix D) identified two threatened or endangered species within or in relative close proximity to the project area. These species include the Lake Sturgeon (threatened) and Indiana bat (endangered).

On September 17, 2010 a site visit was undertaken to review whether there was suitable habitat within the project area for these species. The report concluded the following for the Lake Sturgeon and Indiana Bat:

Lake Sturgeon

Listed habitat: Lake.

Research habitat: The project will not impact the habitat of this species; therefore no further investigations are warranted.

Indiana Bat

Please see information above.

[1] https://www.fws.gov/northeast/virginiafield/pdf/NLEBinterimGuidance6Jan2014.pdf

Conclusion

The *Threatened and Endangered Species Survey* (September 27, 2010) made the conclusion that stated "Based on the results of the literature review and field survey, it was concluded that none of the Federal or State listed terrestrial species were present at or near the site; and none of the fish species, even if present, would impact the Brewerton Revitalization project."

Since the project site is generally the same and no additional trees are expected to be removed within Riverfront Park, the conclusion made as a result of the past literature review and field survey should be supported.

A determination of "No Effect, No Suitable Habitat" is also identified by OBG (see Appendix E). This determination was made as a result of reviewing all the information contained in this memo and a site visit that occurred on May 19, 2017. The Town requests that all involved agencies support this determination.

Appendix A



SARATOGA ASSOCIATES

Landscape Architects, Architects, Engineers, and Planners, P.C.

New York City > Saratoga Springs > Syracuse

The Brewerton Revitalization Project

Town of Cicero
Onondaga County, New York

State Location Map

Sararoga Associates Project # 09057

Date: June 2017

Appendix B

Bergmann associates
architects // engineers // planners

Threatened and Endangered Species Survey
Brewerton Revitalization Project
Onondaga County, New York

Findings

September 27, 2010

INTRODUCTION

Saratoga Associates Landscape Architects, Architects, Engineers, and Planners, P.C. (Saratoga Associates) was notified by the United States Fish and Wildlife Service (FWS) and the New York Department of Environmental Conservation (NYSDEC) (Attachment A) that federal and state-listed species may exist at or near the Brewerton Revitalization project site in the Town of Cicero, Onondaga County, New York. As a result, Saratoga Associates requested their sub-consultant Bergmann Associates, P.C., perform a site walk for all species identified in the table below requiring a "site walk."

Federally Listed Endangered and Threatened Species and Candidate Species

Common Name	*Scientific Name*	*Status*	*Habitat*	*Exclusion*
American hart's tongue fern	Asplenium scolopendrium var. americanum	Threatened	Terrestrial, Shade, Moist Soils	Site walk required
Bald eagle	Haliaeetus leucocephalus	Delisted	Coastal/ Near water bodies	No known occurrence
Bog turtle	Glyptemys muhlenbergi	Threatened	Wetland/ Bog/ Marsh	Site walk required
Eastern massasauga	Sistrutus catenatus catenatus	Candidate	Wetland	Site walk required
Eastern prairie fringed orchid (historic)	Platanthera leucophea	Threatened	Mesic Prairie to Wetlands	Site walk required
Indiana bat (W/S)	Myotis soalis	Endangered	Caves/ Roost Trees	No appropriate habitat available
Small whorled pogonia (historic)	Isotria medeoloides	Threatened	Forest Understory	Site walk required

Natural Heritage Report and Rare species and Ecological Communities

Common Name	*Scientific Name*	*Status*	*Habitat*	*Exclusion*
Lake sturgeon	Acipenser fulvescens	Threatened	Lake	Site walk required
Swamp smartweed	Persicaria setacea	Endangered	Wetland/ Marsh/ River	Site walk required
Iowa darter	Etheostoma exile	Imperiled	Wetland/ Bog/ Marsh	Site walk required
Longear sunfish	Lepomiis megalotis	Threatened	Wetland	Site walk required
Eastern massasauga	Sistrurus catenatus catenatus	Candidate	Mesic Prairie to Wetlands	Site walk required
Eastern prairie fringed orchid (historic)	Platanthera leucophea	Threatened	Wetland/Bog/Marsh	No appropriate habitat available

EXISTING MAP INFORMATION

Existing maps were reviewed to gain information about site conditions prior to the site visit. These maps included the United States Geological Survey (USGS) Topographical Map (Brewerton quadrangle) (Attachment B); the National Wetlands Inventory Map (Attachment C); the New York State Department of Environmental Conservation Freshwater Wetland Environmental Mapper (Attachment D); the United States National Resource Conservation Service Soil Survey Map for Onondaga County (Attachment E); and the United States Federal Emergency Management Administration (FEMA) Flood Insurance Rate Map (Cicero Community Panel No. 360572 0005 D) (Attachment F).

The project area consists mainly of relatively flat, open, developed land. The only notable topographical rises are the US Rte 11 embankment along the eastern border of the site and the Conrail railroad embankment along the western border of the site. The Oneida River is present along the northern border. The Oneida River flows into Oneida Lake, which is located east of the site on the opposite side of US Rte 11. Except for

the Oneida River, no other state or federal wetlands are mapped at or near to the site. The soil survey map showed that only one soil type exists at the site (Collamer – ChB). Collamer soils are moderately well drained soils (i.e., non-hydric). Reaction pHs range from strongly acidic to neutral in the surface layer and upper part of the subsoil, moderately acidic to slightly alkaline in the lower part of the subsoil, and slightly acidic to moderately alkaline in the substratum. A detailed description of Collamer soils is provided in Attachment E. The floodplain map showed that a Zone AE floodplain (elev. 373 ft.) (i.e., an area inundated by 100-year flooding for which a base flooding elevation has been determined) encompasses the northern three-fourths of the site. However, a site topographical survey shows that the actual flood elevation of 373 covers less than one-fifth of the site just south of the existing dock wall.

LITERATURE REVIEW OF LISTED SPECIES & FIELD SURVEYS FINDINGS

The field survey took place on September 17, 2010. The weather was sunny and mild, approximately 70 ^{0}F. Onondaga County flora was found to still be lush and in good condition. Fall browning and leaf drop were not yet occurring. A photolog compiled during the site visit is provided in Attachment GF.

The site was found to consist of nearly level land that was predominantly open and developed. A boat landing and public park were present along the Oneida River (photo 1). The park was bordered by a residential area, and the residential area was then bordered by Bennett Street, which constitutes the southern border of the site (Photo 2). The northern border of the site, along the Oneida River, consisted of a cement reinforced edge, which accommodates boat landing tie-ups (photo 3 & 4). A culvert outlets into the Oneida River along the western border of the site (Photos 5, 6, 7, & 8). Although the FEMA map depicts a 100-year floodplain mapped in this area, there was no visible evidence of scouring or vegetative damage due to flooding. This suggests that flooding at this site is a rare occurrence. The topographical rise along US Rte 11 (photo 9) and the Conrail railroad bed (photo 10) were found to consist of man-made fill embankments. The only wetland found at the site consisted of an approximate 4 ft x 6 ft fringe on the east side of site along the Oneida River (photo 11). This wetland was vegetated only with narrow cattail (*Typha angustifolia*), red top (*Agrostis alba*), jewelweed (*Impatiens capensis*), and broad-leaved arrowhead (*Sagittaria latifolia*). Just outside of the project site, along the western portion of Bennett Street, two manmade stormwater management ditches were present, one along the west side of Chestnut Street and the other along the south side of Bennett Street. The first stormwater ditch was 100% vegetated with narrow cattail (*Typha angustifolia*). The second stormwater ditch was vegetated with reed canary grass (*Phalaris arundinacea*), red top (*Agrostis alba*), creeping Jenny (*Lysimachia nummularia*), horseweed (*Erigeron candensis, Conyza canadenis*), turtlehead (*Chelone glabra*), beggars tick (*Bidens triparlita*), and pale smartweed (*Polygonum lapathifolium*).

Species requirements compared to site conditions is given below and is summarized in Attachment H.

AMERICAN HART'S TONGUE FERN

The New York State Natural Heritage Program (NYSNHP) (www.acris.nynhp.org) reports this species as typically found in glacial plunge basins on dolomite and other calcareous rocks. These basins typically have a high number of bryophyte species and are often cooler and moister than the surrounding upland areas. The ferns are often found on unstable talus or rock crevices below the basin cliffs. Flora of North America (efloras.org) reports this species as found on calcareous rocks in sinkholes, at cave entrances, and on cool, moist talus, always in deep shade. Gleason and Conquist reports this species as found on limestone rocks and in sinkholes. Fernald reports this species as found in crevices and on cool slopes or sinkhole of dolomite and other calcareous rocks. Peterson reports this species as found in shaded, damp, rocky limestone crevices, and on highlands where it is cool and moist.

Findings: No dolomite, calcareous rocks, or limestone is present at the site. No basins or bryophyte (mosses, liverworts, and hornworts) communities were present. No cool spots were present. The only slopes present

were the man-made fill embankments of US Rte 11 and the Conrail railroad bed. No American hart's tongue fern was found at the site.

BALD EAGLE

The NYSDEC (www.dec.ny.gov) reports that Eagles prefer undisturbed areas near large lakes and reservoirs, marshes and swamps, or stretches along rivers where they can find open water and their primary food, fish.

Findings: Although some clusters of trees were present at the site they were located either adjacent to US Rte 11 or the Conrail railroad track, and no undisturbed areas were present. No large nests or eagle activity was found at the site.

BOG TURTLE

The NYSDEC reports that in New York this species is generally found in open, early successional types of habitats such as wet meadows or open calcareous boggy areas generally dominated by sedges (*Carex spp.*) or sphagnum moss.

Findings: No wet meadows or open calcareous boggy areas dominated by sedges or sphagnum were present at the site.

EASTERN MASSASAUGA

The NYSDEC reports this snake species as found strongly associated with wetlands across its range. In the east, the species is associated with bogs and swamps. The species can also be found in wet lowlands, including marshes and floodplains. This snake requires locations that provide open sunny areas with elevated hummocks for basking as well as shaded areas for retreat. The hummocks are also used as a place for bearing young and, most importantly, for hibernation during winter months. There are only two known populations remaining in New York, both of which occur in boggy, forested wetlands with "open rooms" of low vegetation.

Findings: No marshes or hummocky areas were present at the site. Although a floodplain was present, it consisted predominantly of mowed upland lawn.

EASTERN PRAIRIE FRINGED ORCHID

Gleason reports this species as found in bogs and marshes The Center for Plant Conservation (CPC) (www.centerforplantconsevation.org) reports that this orchid requires full sun for optimum growth and reproduction. It occupies tall grass silt-loam or sand prairies, sedge meadows, fens, lakeshore grasslands, and occasionally sphagnum bogs in the eastern part of its range. The CPC also reports that this historic plant has not been found to have relocated back into New York.

Findings: No bog or marsh habitat was present at the site.

INDIANA BAT

Based on the site survey, there is no appropriate habitat available at the site, and the NYSNHP did not identify the Indiana Bat as a potential listed species at this site. Accordingly, this species was not investigated further.

SMALL WHORLED POGONIA

The CPC reports this species as inhabiting semi-open, mesic forests of eastern North America. The forests consist of mixed deciduous in 2nd or 3rd growth successional stages. Soils are highly acidic, and many are fragipans on shallow-to-bedrock (or shallow-to-clay). Slopes are 8-22% where lateral water drainage from upslope sources occurs, particularly in the northeastern part of its range.

Findings: None of the above conditions were found to be present at the site.

LAKE STURGEON

The Brewerton Revitalization Project will not impact the habitat of this species, and the FWS did not identify it as a listed species at this site. Accordingly, this species was not investigated further.

SWAMP SMARTWEED

USGS (www.npwrc.usgs.gov) reports that this species is found in swamps, along streams, around ponds and lakes, and in ditches. Missouri (www.missouriplants.com/Whitealt/Polygonum_hydropieroides_page.html) reports this species as inhabiting swamp and pond margins, streambanks, springs, and wet woods. Gleason reports that this species is found in wet soil, beaches, and shallow water. Ohio (http://www.dnr.state.oh.us/Portals/3/Abstracts/Abstract_pdf/P/Persicaria_setacea.pdf) reports the species as found on open shores of natural lakes and less frequently in swamp forests; often in alkaline soils.

Findings: The only smartweed found near the site was pale smartweed (*Polygonum lapathifolium*), a common species lacking the slender bristle fringe on the sheath characteristic of swamp smartweed. The pale smartweed was located just outside the project area, south of Bennett Street in a stormwater drainage ditch.

IOWA DARTER

The Brewerton Revitalization Project will not impact the habitat of this species, and the FWS did not identify this species as listed at this site. Accordingly, this species was not investigated further.

LONGEAR SUNFISH

The Brewerton Revitalization Project will not impact the habitat of this species, and the FWS did not identify this species as listed at this site. Accordingly, this species was not investigated further.

CONCLUSION

Based on the results of the literature review and field survey, it was concluded that none of the Federal or State listed terrestrial species were present at or near the site; and, none of the fish species, even if present, would be impacted by the Brewerton Revitalization project.

REFERENCES

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Gleason, Henry A. (1952). *The New Britton and Brown Illustrated Flora of the Northeastern United States and Adjacent Canada*. Published for The New York Botanical Garden by Hafner Press, New York, NY.

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NYSDEC (1997). *New York rare Plant Status List*. Edited by Stephen M. Young, Natural Heritage Program, Latham, NY.

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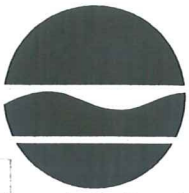
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ATTACHMENT A

NYSDEC Letter

U.S. Fish & Wildlife Service Onondaga County
Federally Listed Endangered and Threatened Species and Candidate Species

New York State Department of Environmental Conservation
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, Albany, New York 12233-4757
Phone: (518) 402-8935 • **FAX:** (518) 402-8925
www.dec.state.ny.us



Alexander B. Grannis
Commissioner

RECEIVED
FEB - 9 2010

February 8, 2010

Matthew G. Rogers
Saratoga Associates
443 Broadway
Saratoga Springs, NY 12866

TSA Proj. Name: Brewerton
TSA Proj. #: 09057
Sub-File #: Bli
Originator: MER
Cc: GEI

Dear Mr. Rogers:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to an Environmental Assessment for the proposed Town of Cicero - Brewerton Revitalization at Riverfront Park and along Route 11, Project 2009-057, area as indicated on the map you provided, located in the Town of Cicero, Onondaga County.

Enclosed is a report of rare or state-listed animals and plants, significant natural communities, and other significant habitats, which our databases indicate occur, or may occur, on your site or in the immediate vicinity of your site. The information contained in this report is considered sensitive and should not be released to the public without permission from the New York Natural Heritage Program.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the appropriate NYS DEC Regional Office, Division of Environmental Permits, at the enclosed address.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our databases. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. This information should not be substituted for on-site surveys that may be required for environment impact assessment.

Our databases are continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

Sincerely,
Tara Salerno
Tara Salerno, Information Services
New York Natural Heritage Program

Enc.
cc: Reg. 7, Wildlife Mgr.
Reg. 7, Fisheries Mgr.
Shaun Keeler, Bureau of Fisheries, Albany

NY Natural Heritage Program, NYS DEC, 625 Broadway, 5th Floor,
Albany, NY 12233-4757
(518) 402-8935

HISTORICAL RECORDS

The following plants and animals were documented in the vicinity of the project site at one time, but have not been documented there since 1979 or earlier.
There is no recent information on these plants and animals in the vicinity of the project site and their current status there is unknown. In most cases the precise location of the plant or animal in this vicinity at the time it was last documented is also unknown and therefore location maps are generally not provided.
If appropriate habitat for these plants or animals is present in the vicinity of the project site, it is possible that they may still occur there.

Natural Heritage Report on Rare Species and Ecological Communities

FISH

Acipenser fulvescens

Lake Sturgeon

Office Use 11143

NY Legal Status:	Threatened	**NYS Rank:**	S1S2 - Critically imperiled
Federal Listing:		**Global Rank:**	G3G4 - Vulnerable
Last Report:	1970	**EO Rank:**	Historical, no recent information

County: Madison, Oneida, Onondaga, Oswego
Town: Cicero, Constantia, Hastings, Lenox, Sullivan, Vienna, West Monroe
Location: Oneida Lake
Directions: Lake sturgeon have been caught in various areas of Oneida Lake in Oswego, Oneida, Madison, and Onondaga counties.
General Quality and Habitat: The fish were caught in a large, shallow lake that is approximately 51,000 acres. The mean water depth is 25 feet.

Etheostoma exile

Iowa Darter

Office Use 9372

NY Legal Status:	Unlisted	**NYS Rank:**	S2 - Imperiled
Federal Listing:		**Global Rank:**	G5 - Secure
Last Report:	1922-10	**EO Rank:**	Historical, no recent information

County: Onondaga, Oswego
Town: Cicero, Hastings, West Monroe
Location: Oneida Lake Outlet
Directions: Specimen label: Oneida Lake, Brewerton, along the shore from cemetery [1/8 mi west of Route 81] to Dixon's farm [present day Route 81].
General Quality and Habitat: Lake shore.

M

Etheostoma exile

Iowa Darter

Office Use 7240

NY Legal Status: Unlisted
Federal Listing:
Last Report: 1916-10-17
NYS Rank: S2 - Imperiled
Global Rank: G5 - Secure
EO Rank: Historical, no recent information

County: Oswego
Town: Hastings
Location: Oneida Lake Outlet
Directions: Oneida Lake, Brewerton, near Coville's Landing, along concrete wall on opposite shore on the north side of lake outlet due north of Denman's Island.
General Quality and Habitat:

S

Lepomis megalotis

Longear Sunfish

Office Use 3470 BOF

NY Legal Status: Threatened
Federal Listing:
Last Report: 1940
NYS Rank: S1 - Critically imperiled
Global Rank: G5 - Secure
EO Rank: Historical, no recent information

County: Onondaga, Oswego
Town: Cicero, Hastings, West Monroe
Location: Oneida Lake
Directions: The fish were found in Oneida Lake in the extremity of Milton Bay. One location is east of Brewerton between Milton Point and Big Bay and the other location is in Brewerton just east of Corville's Landing, west of Interstate 81 in the Oneida Lake outlet.
General Quality and Habitat: A specimen from 1916 was taken from a nest in water that was approximately 15 inches deep. The nest was located in a sandy space cleared in a thick algae bed.

VASCULAR PLANTS

Persicaria setacea

Swamp Smartweed

Office Use 4929

NY Legal Status: Endangered
Federal Listing:
Last Report: no date
NYS Rank: S1S2 - Critically imperiled
Global Rank: G5 - Secure
EO Rank: Historical, no recent information

County: Onondaga
Town: Cicero
Location: Brewerton
Directions: Brewerton.
General Quality and Habitat:

M

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5 Records Processed

More detailed information about many of the rare and listed animals and plants in New York, including biology, identification, habitat, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.acris.nynhp.org, from NatureServe Explorer at http://www.natureserve.org/explorer, from NYSDEC at http://www.dec.ny.gov/animals/7494.html (for animals), and from USDA's Plants Database at http://plants.usda.gov/index.html (for plants).

New York State Department of Environmental Conservation

Regional Permit Administrators

Region	Counties	Regional Permit Administrator
1	Nassau & Suffolk FAX: 631-444-0360	Roger Evans NYSDEC 50 Circle Rd SUNY @ Stony Brook Stony Brook, NY 11790-3409 631-444-0365 631-444-0355 (Duty Analyst-M,W&F only)
2	New York City, (Boroughs of Manhattan, Brooklyn, Bronx, Queens & Staten Island) FAX: 718-482-4975	John Cryan NYSDEC One Hunters Point Plaza 47-40 21st St. Long Island City, NY 11101-5407 718-482-4997
3	Dutchess, Orange, Putnam, Rockland, Sullivan, Ulster & Westchester FAX: 845-255-3042	Margaret Duke NYSDEC 21 South Putt Corners Rd. New Paltz, NY 12561-1620 845-256-3054
4	Albany, Columbia, Greene, Montgomery, Rensselaer & Schenectady FAX:518-357-2460	William Clarke NYSDEC 1130 North Westcott Rd. Schenectady, NY 12306-2014 518-357-2069
4 (sub-office)	Delaware, Otsego & Schoharie FAX: 607-652-2342	Kent Sanders* NYSDEC 65561 State Highway - Route 10 HCR #1, Box 3A Stamford, NY 12167-9503 607-652-7741
5	Clinton, Essex, Franklin & Hamilton FAX: 518-897-1394	Michael McMurray NYSDEC Route 86, P.O. Box 296 Ray Brook, NY 12977-0296 518-897-1234
5 (sub-office)	Fulton, Saratoga, Warren & Washington	Marc Migliore* NYSDEC

USERS GUIDE TO NY NATURAL HERITAGE DATA

New York Natural Heritage Program, 625 Broadway, 5th Floor, Albany, NY 12233-4757 phone: (518) 402-8935

NATURAL HERITAGE PROGRAM: The NY Natural Heritage Program is a partnership between the NYS Department of Environmental Conservation (NYS DEC) and The Nature Conservancy. Our Mission is to facilitate the conservation of New York's biodiversity by providing comprehensive information and scientific expertise on rare species and natural ecosystems to resource managers and other conservation partners. We accomplish this mission by combining thorough field inventories, scientific analyses, expert interpretation, and the most comprehensive database on New York's distinctive biodiversity to deliver the highest quality information for natural resource planning, protection, and management.

DATA SENSITIVITY: The data provided in the report are ecologically sensitive and should be treated in a sensitive manner. The report is for your in-house use and should **not** be released, distributed or incorporated in a public document without prior permission from the Natural Heritage Program.

EO RANK: A letter code for the quality of the occurrence of the rare species or significant natural community, based on population size or area, condition, and landscape context.

A-E = Extant: A=Excellent, B=Good, C=Fair, D=Poor, E=Extant but with insufficient data to assign a rank of A-D.
F = Failed to find. Did not locate species during a limited search, but habitat is still there and further field work is justified.
H = Historical. Historical occurrence without any recent field information.
X = Extirpated. Field/other data indicates element/habitat is destroyed and the element no longer exists at this location.
U = Extant/Historical status uncertain.
Blank = Not assigned.

LAST REPORT: The date that the rare species or significant natural community was last observed at this location, as documented in the Natural Heritage databases. The format is most often YYYY-MM-DD.

NY LEGAL STATUS – Animals:

Categories of Endangered and Threatened species are defined in New York State Environmental Conservation Law section 11-0535. Animals listed as Endangered, Threatened, or Special Concern are protected against taking, importation, transportation, possession, or sale without a permit. Endangered, Threatened, and Special Concern species are listed in regulation 6NYCRR 182.5.

E - Endangered Species: any species which meet one of the following criteria:
- Any native species in imminent danger of extirpation or extinction in New York.
- Any species listed as endangered by the United States Department of the Interior, as enumerated in the Code of Federal Regulations 50 CFR 17.11.

T - Threatened Species: any species which meet one of the following criteria:
- Any native species likely to become an endangered species within the foreseeable future in NY.
- Any species listed as threatened by the U.S. Department of the Interior, as enumerated in the Code of the Federal Regulations 50 CFR 17.11.

SC - Special Concern Species: those species which are not yet recognized as endangered or threatened, but for which documented concern exists for their continued welfare in New York.

P - Protected Wildlife (defined in Environmental Conservation Law section 11-0103): wild game, protected wild birds, and endangered species of wildlife.

U - Unprotected (defined in Environmental Conservation Law section 11-0103): the species may be taken at any time without limit; however a license to take may be required.

G - Game (defined in Environmental Conservation Law section 11-0103): any of a variety of big game or small game species as stated in the Environmental Conservation Law; many normally have an open season for at least part of the year, and are protected at other times.

NY LEGAL STATUS – Plants:

The following categories are defined in regulation 6NYCRR part 193.3 and apply to NYS Environmental Conservation Law section 9-1503.

E - Endangered Species: listed species are those with:
- 5 or fewer extant sites, or
- fewer than 1,000 individuals, or
- restricted to fewer than 4 U.S.G.S. 7 ½ minute topographical maps, or
- species listed as endangered by U.S. Dept. of Interior, as enumerated in Code of Federal Regulations 50 CFR 17.11.

T - Threatened: listed species are those with:
- 6 to fewer than 20 extant sites, or
- 1,000 to fewer than 3,000 individuals, or
- restricted to not less than 4 or more than 7 U.S.G.S. 7 and ½ minute topographical maps, or
- listed as threatened by U.S. Department of Interior, as enumerated in Code of Federal Regulations 50 CFR 17.11.

Onondaga County

Federally Listed Endangered and Threatened Species and Candidate Species

This list represents the best available information regarding known or likely County occurrences of Federally-listed and candidate species and is subject to change as new information becomes available.

Common Name	Scientific Name	Status
American hart's-tongue fern	*Asplenium scolopendrium* var. *americanum*	T
Bald eagle [1]	*Haliaeetus leucocephalus*	D
Bog turtle	*Clemmys [=Glyptemys] muhlenbergii*	T
Eastern massasauga	*Sistrurus catenatus catenatus*	C
Eastern prairie fringed orchid *(Historic)*	*Platanthera leucophea*	T
Indiana bat (W/S)	*Myotis sodalis*	E
Small whorled pogonia *(Historic)*	*Isotria medeoloides*	T

Status Codes: E=Endangered, T=Threatened, P=Proposed, C=Candidate, D=Delisted.

W=Winter S=Summer

[1] The bald eagle was delisted on August 8, 2007. While there are no ESA requirements for bald eagles after this date, the eagles continue to receive protection under the Bald and Golden Eagle Protection Act (BGEPA). Please follow the Service's May 2007 Bald Eagle Management Guidelines to determine whether you can avoid impacts under the BGEPA for your projects. If you have any questions, please contact the endangered species branch in our office.

Information current as of: 12/3/2010

ATTACHMENT B

USGS TOPOGRAPHICAL SURVEY MAP
BREWERTON QUADRANGLES


Ohsahaunytahseughka
Denmans
Island
Riverside
Cemetery
Oneida Lake
Brewerton

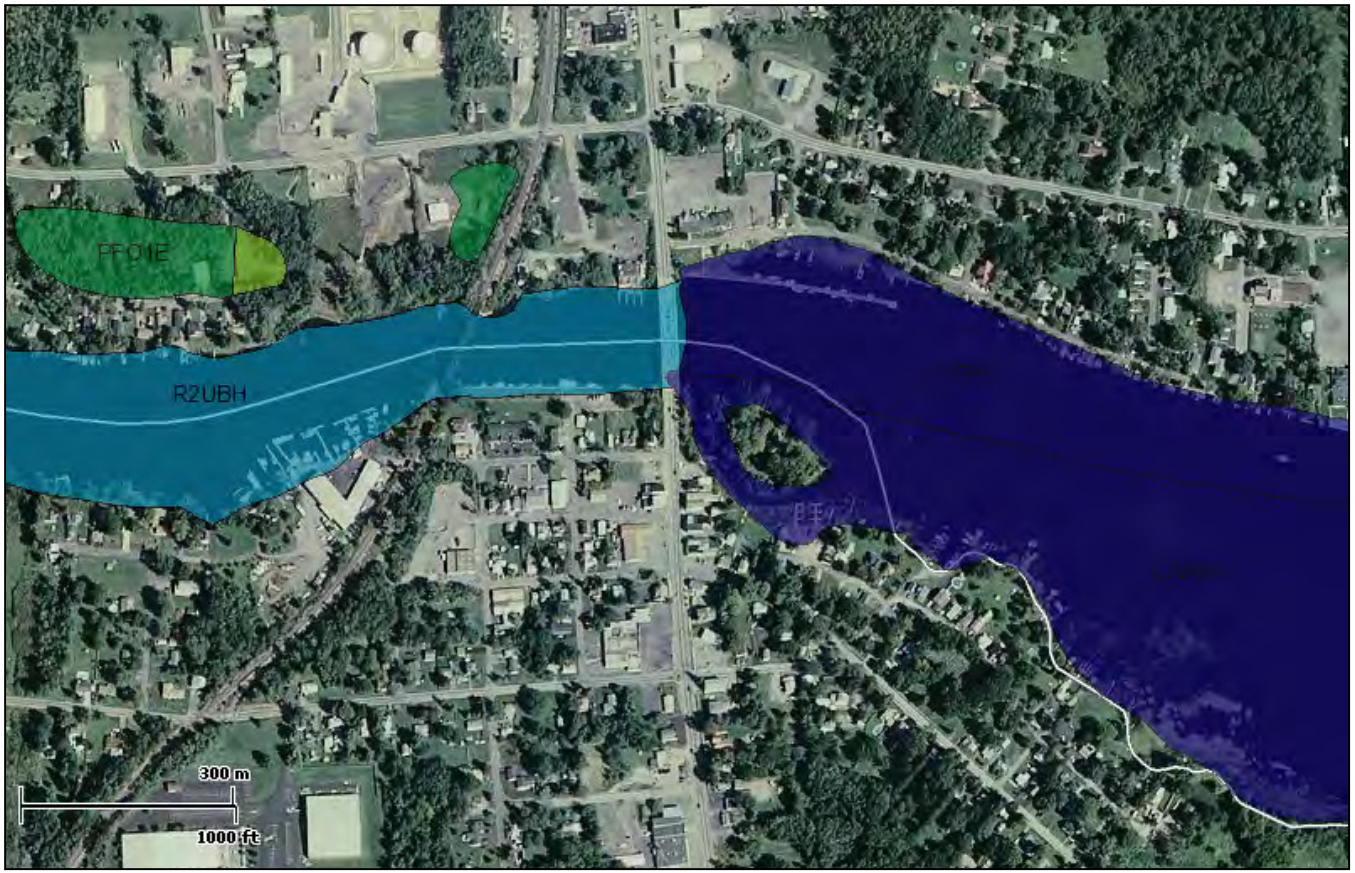
ATTACHMENT C

NATIONAL WETLANDS INVENTORY MAP

U.S. Fish and Wildlife Service
National Wetlands Inventory

Brewerton Revitalization

Sep 14, 2010



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deetwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

Riparian

- Herbaceous
- Forested/Shrub

Riparian Status

- Digital Data

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

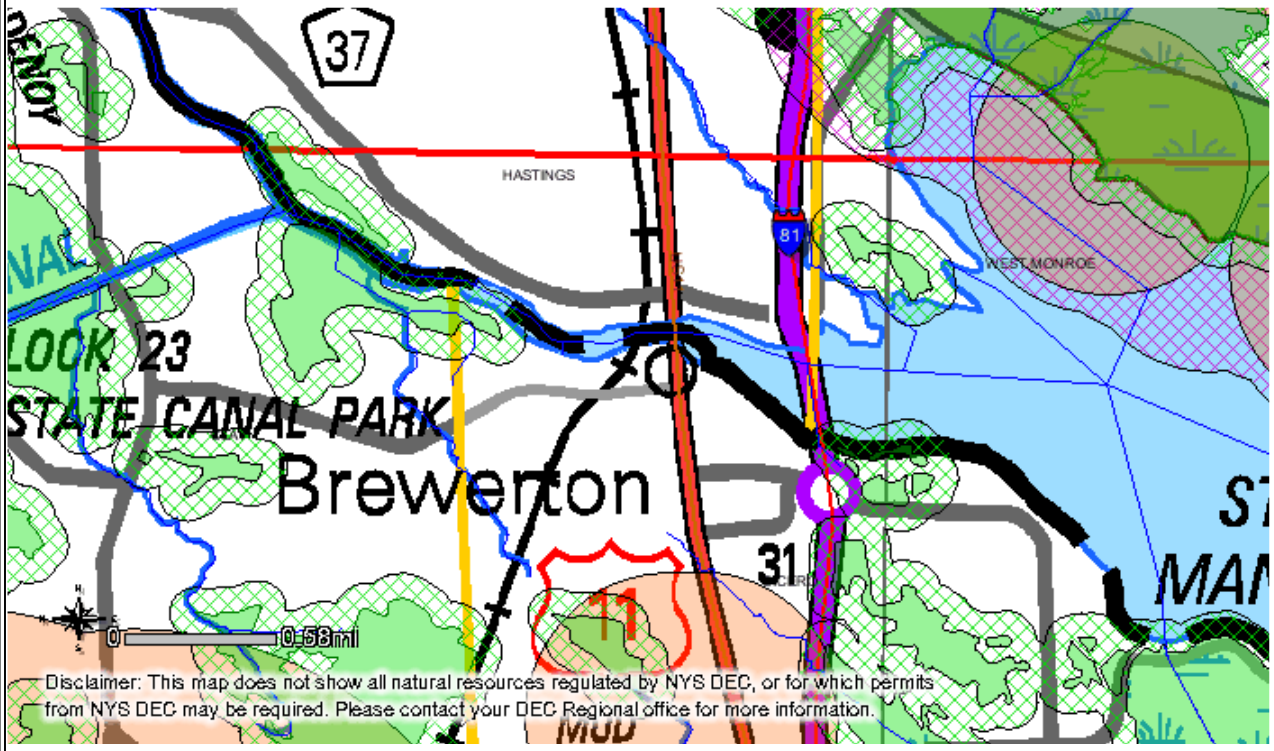
ATTACHMENT D

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FRESHWATER WETLAND ENVIRONMENTAL MAPPER

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Please set your printer orientation to "Landscape".

Brewerton Waterfront Revitalization Project



MinX: 403300, MaxX: 411027, MinY: 4789692, MaxY: 4786052

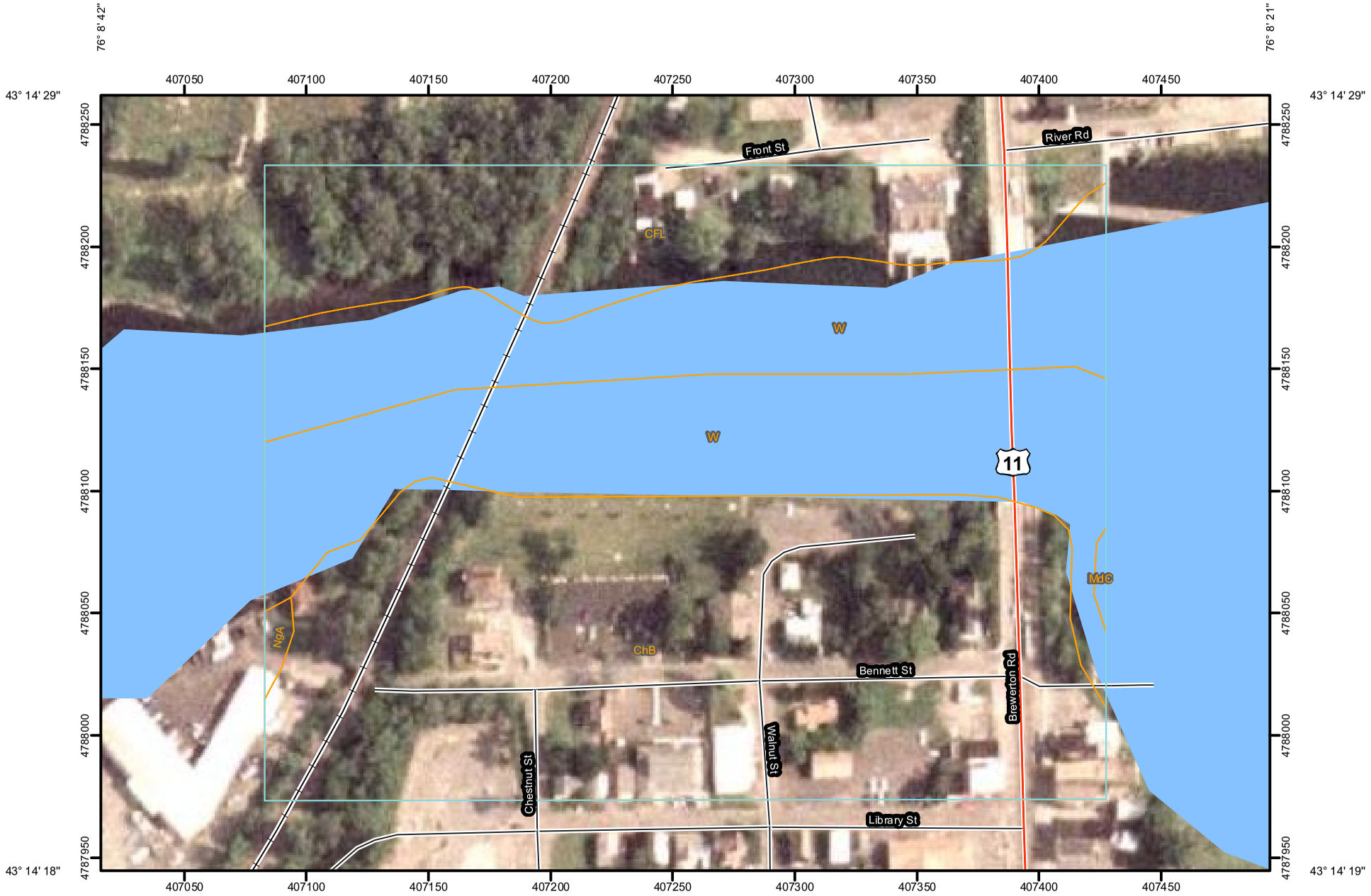
Visible Layers

- Classified Streams
- Classified Ponds
- State-Regulated Freshwater Wetlands
- Wetland Checkzone
- State-Regulated Freshwater Wetlands
- Rare Plants and Rare Animals
- Significant Natural Communities Buffered
- Natural Communities Nearby
- Significant Natural Communities
- Interstate Highways

ATTACHMENT E

UNITED STATES NATIONAL RESOURCE CONSERVATION SERVICE
SOIL SURVEY MAP FOR ONONDAGA COUNTY

Soil Map—Onondaga County, New York, and Oswego County, New York
(Brewerton Waterfront Revitalization Project)



MAP LEGEND

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

Soils
- Soil Map Units

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

Special Line Features
- Gully
- Short Steep Slope
- Other

Political Features
- Cities

Water Features
- Oceans
- Streams and Canals

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

MAP INFORMATION

Map Scale: 1:2,270 if printed on A size (8.5" × 11") sheet.

The soil surveys that comprise your AOI were mapped at scales ranging from 1:15,840 to 1:20,000.

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

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: http://websoilsurvey.nrcs.usda.gov
Coordinate System: UTM Zone 18N NAD83

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

Soil Survey Area: Onondaga County, New York
Survey Area Data: Version 5, Feb 18, 2010

Soil Survey Area: Oswego County, New York
Survey Area Data: Version 9, Feb 5, 2010

Your area of interest (AOI) includes more than one soil survey area. These survey areas may have been mapped at different scales, with a different land use in mind, at different times, or at different levels of detail. This may result in map unit symbols, soil properties, and interpretations that do not completely agree across soil survey area boundaries.

Date(s) aerial images were photographed: 7/7/2006

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

Map Unit Legend

Onondaga County, New York (NY067)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
ChB	Collamer silt loam, 2 to 6 percent slopes	9.9	44.9%
MdC	Madrid fine sandy loam, 8 to 15 percent slopes	0.0	0.2%
NgA	Niagara silt loam, 0 to 4 percent slopes	0.1	0.4%
W	Water	4.4	20.0%
Subtotals for Soil Survey Area		**14.5**	**65.4%**
Totals for Area of Interest		**22.1**	**100.0%**

Oswego County, New York (NY075)			
Map Unit Symbol	**Map Unit Name**	**Acres in AOI**	**Percent of AOI**
CFL	Cut and fill land	4.0	18.1%
W	Water	3.7	16.5%
Subtotals for Soil Survey Area		**7.7**	**34.6%**
Totals for Area of Interest		**22.1**	**100.0%**

LOCATION COLLAMER NY PA

Established Series
Rev. MGG-PSP-SEA
03/2010

COLLAMER SERIES

The Collamer series consists of very deep, moderately well drained soils formed in silty glacio-lacustrine sediments. They are on lake plains and till plains that have a thick mantle of lake sediments. Slope ranges from 0 through 25 percent. Mean annual precipitation is 37 inches (94 centimeters), and mean annual air temperature is 49 degrees F (9 degrees C).

TAXONOMIC CLASS: Fine-silty, mixed, semiactive, mesic Glossaquic Hapludalfs

TYPICAL PEDON: Collamer silt loam in a hay field on a 2 percent slope. (Colors are for moist soils unless otherwise noted.)

Ap-- 0 to 30 centimeters (0.0 to 11.8 inches); dark grayish brown (10YR 4/2) silt loam, light brownish gray (10YR 6/2), dry; moderate fine and medium granular structure; friable; common fine roots; neutral, pH 7.1, Bromthymol blue; clear wavy boundary. (6 to 12 inches thick.)

E/B-- 30 to 46 centimeters (11.8 to 18.1 inches); 70 percent brown (10YR 5/3) broken face and 30 percent dark yellowish brown (10YR 4/4) interior silt loam; moderate medium and coarse subangular blocky structure; friable; few fine roots; neutral, pH 6.7, Bromthymol blue; gradual wavy boundary. (0 to 7 inches thick.)

Bt/E-- 46 to 58 centimeters (18.1 to 22.8 inches); 90 percent dark yellowish brown (10YR 4/4) B material, 5 percent pale brown (10YR 6/3) broken face E material, and 5 percent brown (10YR 5/3) broken face E material, silt loam; moderate medium and coarse subangular blocky structure; firm; few fine roots; 10 percent faint dark grayish brown (10YR 4/2),moist, clay films on surfaces along pores; neutral, pH 6.9, Bromthymol blue; gradual wavy boundary.(3 to 11 inches thick.)

Bt1-- 58 to 84 centimeters (22.8 to 33.1 inches); brown (10YR 4/3) silt loam; moderate medium and coarse subangular blocky structure; firm; few fine roots in cracks; 35 percent distinct dark grayish brown (10YR 4/2), moist, clay films on vertical faces of peds; 15 percent fine distinct light brownish gray (10YR 6/2), moist, masses of reduced iron and 15 percent medium and coarse prominent dark yellowish brown (10YR 4/6), moist, masses of oxidized iron; slightly alkaline, pH 7.2, Phenol red; clear wavy boundary. (8 to 24 inches thick.)

C1-- 84 to 114 centimeters (33.1 to 44.9 inches); 80 percent light olive brown (2.5Y 5/4) and 20 percent yellowish brown (10YR 5/6) silt loam; massive; friable; slightly alkaline, pH 7.7, Phenol red; clear wavy boundary.

C2-- 114 to 183 centimeters (44.9 to 72.0 inches); 80 percent dark yellowish brown (10YR 4/4), 10 percent yellowish brown (10YR 5/6), and 10 percent brown (10YR 5/3) silt loam; massive; friable; strong effervescence, by HCl, 1 normal; slightly alkaline, pH 8.0, Phenol red.

TYPE LOCATION: Ontario County, New York; Town of Geneva, 1,725 feet (526 meters) east of Ontario County Route 6 and 2,350 feet (716 meters) northeast of the intersection of Ontario County Route 6 and Ontario County Route 4. USGS Phelps, NY topographic quadrangle; Latitude 42 degrees, 52 minutes, 56 seconds N. and Longitude 77 degrees, 00 minutes, 18 seconds W. NAD 1983.

RANGE IN CHARACTERISTICS: Thickness of solum ranges from 24 through 52 inches (61 through 132 centimeters). Bedrock is deeper than 60 inches (152 centimeters). Depth to carbonates ranges from 20 through 72 inches (51 through 183 centimeters). Rock fragments range from 0 to 5 percent throughout, however in some pedons that are underlain with till rock fragment content ranges up to 35 percent by volume below a depth of 40 inches (102 centimeters). Some surfaces may have up to 10 percent rock fragment content. Reaction ranges from strongly acid through neutral in surface layer and upper part of the subsoil, moderately acid through slightly alkaline in the lower part of the subsoil, and is slightly acid through moderately alkaline in the substratum.

The Ap or A horizon has hue of 7.5YR or 10YR, value of 3 through 5, and chroma of 2 or 3. Texture of the fine-earth fraction is fine sandy loam, very fine sandy loam, or silt loam. It has weak or moderate granular or subangular blocky structure. Consistence is very friable or friable.

In some pedons, an E horizon is present. It has hue of 5YR through 2.5Y, value of 5 or 6, and chroma of 2 through 4. It normally has common or many high chroma redoximorphic features. Texture of the fine-earth fraction ranges from fine sandy loam through silt loam. It is massive, or has weak platy or subangular blocky structure. Consistence ranges from very friable through firm.

The E/B and B/E horizons have E horizon-like material on exteriors of peds and are like the Bt horizon in interior of peds. The B/E horizon has few through many redoximorphic concentrations with chroma of 3 or more.

The Bt horizon has hue of 5YR through 2.5Y, value of 4 or 5, chroma of 3 through 6, above 30 inches (76 centimeters) and chroma of 2 through 6 below 30 inches (76 centimeters). It has few through many, low chroma redoximorphic depletions and high chroma redoximorphic concentrations. Texture of the fine-earth fraction is silt loam or silty clay loam, except individual thin subhorizons range from fine sandy loam through silty clay. It has weak through moderate subangular blocky, angular blocky, or prismatic structure.

A BC horizon is present in some pedons. It has hue of 5YR through 2.5Y. It has weak or moderate platy or prismatic structure.
The C horizon has hue of 5YR through 2.5Y, value of 4 or 5, and chroma of 2 through 6. Texture of the fine-earth fraction is silty clay loam through stratified silt and very fine sand.

Some pedons, below a depth of 40 inches (102 centimeters), have a 2C horizon with textures of gravelly loam through channery silty clay loam.

COMPETING SERIES: Currently there are no other soils in this family.

The Amboy, Cazenovia, Conesus, Hilton, Honeoye, Hudson, Jonesboro, Lansing, Lima, Ontario, Schoharie, Scio, Unadilla, and Williamson series are similar soils in related families. Amboy, Scio, Unadilla, and Williamson soils have coarse-silty particle-size control sections and lack argillic horizons. Cazenovia, Conesus, Hilton, Honeoye, Lansing, Lima, and Ontario soils have fine-loamy particle size control sections. Hudson and Schoharie soils have fine particle-size control sections. Jonesboro soils are more than 60 inches to the base of the argillc and have a superactive CEC activity class.

GEOGRAPHIC SETTING: Collamer soils are nearly level to moderately steep with slope ranging from 0 through 25 percent. These soils developed in calcareous lake laid silt and very fine sand deposits. They are on glacial lake plains and on till plains that have a moderately thick mantle of glacio-lacustrine sediments. Mean annual temperature ranges from 45 through 51 degrees F (7 through 11 degrees C). Mean annual precipitation ranges from 26 through 40 inches (66 through 102 centimeters), and annual frost-free season ranges from 130 through 200 days. Elevation ranges from 95 through 1700 feet (29 through 518 meters) above sea level.

GEOGRAPHICALLY ASSOCIATED SOILS: Collamer soils are in a drainage sequence with the well drained Dunkirk, the somewhat poorly drained Niagara, and the poorly drained and very poorly drained Canandaigua soils. Other associated soils are the Alton, Amboy, Arkport, Colonie, Howard, Hudson, Palmyra, Schoharie, and Sodus soils. Alton, Howard, and Palmyra soils are on adjacent gravelly terraces. Amboy soils have a fragipan. Arkport and Colonie soils are in nearby deltaic deposits that have a higher sand content. Sodus soils are on adjacent glacial till plains.

DRAINAGE AND SATURATED HYDRAULIC CONDUCTIVITY: Moderately well drained. The potential for surface runoff is low to very high. Saturated hydraulic conductivity is moderately high or high in the mineral surface layer and upper part of the subsoil, and moderately low to high in the lower part of the subsoil and substratum.

USE AND VEGETATION: Most areas are cleared and used for growing hay, small grains, corn, vegetable crops, small fruits or pasture. Woodlots contain sugar maple, red oak, black cherry, basswood, hickory, and other hardwood trees.

DISTRIBUTION AND EXTENT: Erie-Ontario plain of New York and Pennsylvania and the Mohawk, Hudson, and Champlain Valleys of New York as well as smaller north flowing tributary valleys to these major lowlands. MLRA 101, 139, 140, 142, and 144A. The series is of large extent.

MLRA OFFICE RESPONSIBLE: Amherst, Massachusetts

SERIES ESTABLISHED: Monroe County, New York, 1933.

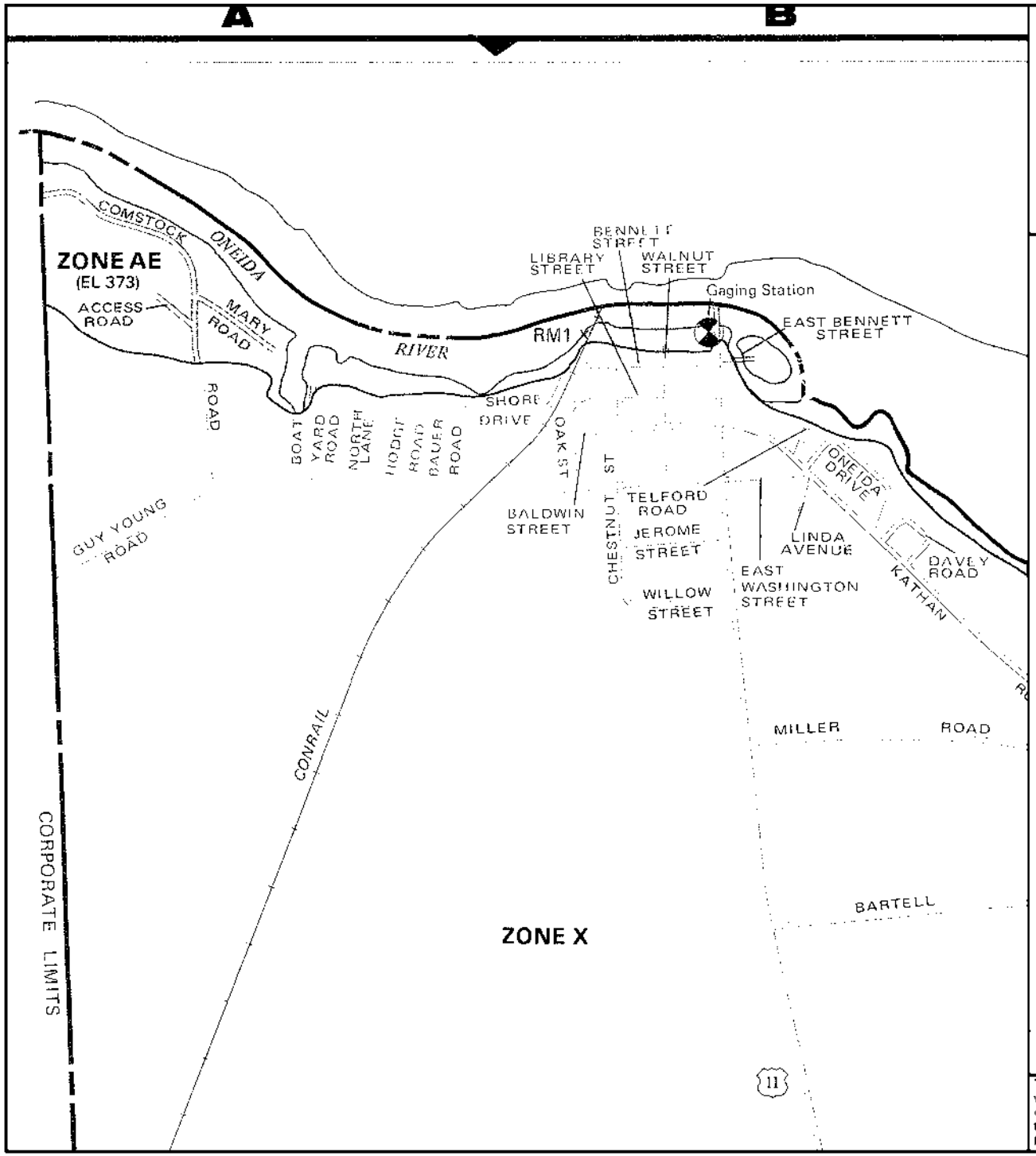
REMARKS: A new typical pedon has been selected due to the uncertainty in interpreting the old typical pedon description.

Diagnostic horizons and other features recognized in the typical pedon are:
(1.) Ochric epipedon - the zone from 0 to 30 centimeters (0.0 to 11.8 inches) (Ap horizon).
(2.) Argillic horizon - the zone from 46 to 84 centimeters (18.1 to 33.1 inches) (Bt/E and Bt horizons).
(3.) Glossic properties- the zone from 46 to 58 centimeters (18.1 to 22.8 inches) (Bt/E horizon).
(4.) Udic soil moisture regime.
(5.) CEC activity class of semi-active from preponderance of lab data for the Dunkirk-Collamer-Niagara catena.
(6) This pedon sampled as S07NY069048 and run through NSSC lab.

National Cooperative Soil Survey
U.S.A.

ATTACHMENT F

UNITED STATES FEDERAL EMERGENCY MANAGEMENT ADMINISTRATION (FEMA)
FLOOD INSURANCE RATE MAP (CICERO COMMUNITY PANEL NO. 360572 0005 D)



insurance agent or call the National Flood Insurance Progr

APPROXIMATE SCALE

1000 0

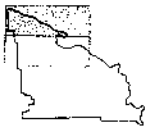
NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

TOWN OF
CICERO,
NEW YORK
ONONDAGA COUNTY

PANEL 5 OF 15
(SEE MAP INDEX FOR PANELS NOT PRINTED)



PANEL LOCATION

COMMUNITY-PANEL NUMBER
360572 0005 D

MAP REVISED:
SEPTEMBER 15, 1994

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov

ATTACHMENT G

SITE WALK PHOTOLOG
SEPTEMBER 17, 2010

PHOTOGRAPHIC LOG

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #1: The northern border of the site was formed by the Oneida River. A boat landing & public park were located adjacent the river. Residential housing bordered the park to the south. View is looking east.

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #2: The park was bordered by a residential area, and the residential area was bordered by Bennett Street, which constitutes the southern border of the site.

PHOTOGRAPHIC LOG

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #3: The northern border of the site was formed by the Oneida River. A boat landing & public park were located adjacent the river. Residential housing bordered the park to the south. View is looking east.

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #4: The northeastern border of the site, opposite of US Rte 11

PHOTOGRAPHIC LOG

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #5: A stormwater outlet culvert was present in the northwest corner of the site that outlets into the Oneida River.

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #6: The northwestern border of the site, beneath the Conrail embankment. No fern communities, cool slopes or limey soils were found to be present.

PHOTOGRAPHIC LOG

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #7: The western border of the site adjacent the Oneida River. A culvert outlet released stormwater runoff into the Oneida River. View is looking north

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #8: Shows the man-made embankment built to support the Conrail railroad bridge along the western border of the project site.

PHOTOGRAPHIC LOG

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #9: The eastern border of the site. A man-made raised embankment is present that supports US Rte 11. View is looking southeast.

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #10: The western border of the site. A man-made raised embankment is present that supports the Conrail railroad tracks. View is looking west.

PHOTOGRAPHIC LOG

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #11: The only wetland found at the site consisted of an approximate 4 ft x 6 ft fringe on the east side of site along the Oneida River (Photo 11). This wetland was vegetated only with narrow cattail (*Typha angustifolia*), red top (*Agrostis alba*), jewelweed (*Impatiens capensis*), and broad-leaved arrowhead (*Sagittaria latifolia*). No swamp smartweed (Persicaria setacea) was present. View is looking southeast.

PROJECT Brewerton Revitalization Project LOCATION Brewerton, NY
PROJECT# 8285 CLIENT Saratoga Associates



Date: 9/17/10

Photo #12: A stormwater management ditch along the western edge of Chestnut Street was found to support a narrow-leaved cattail community. View is looking north.

PHOTOGRAPHIC LOG

PROJECT	Brewerton Revitalization Project	LOCATION	Brewerton, NY
PROJECT#	8285	CLIENT	Saratoga Associates



Date: 9/17/10

Photo #13: A second stormwater management ditch along was present along the western southside edge of Bennett Street. A smartweed was present (located at the yellow arrow), but it was pale smartweed (*Polygonum lapathifolium*)), a common wetland species.

ATTACHMENT H

SUMMARY OF SITE FINDINGS

Project: Brewertpm Revitalization
Date: September 2010
Threatened and Endangered Species

Common Name	Scientific Name	Federal/ State reported	Status	Listed Habitat	Exclusion/ Federal	Exclusion/ State	Researched habitat requirements	Site map & photo findings	Plant Identifiable in September?	Expected present?	Site visit findings
American hart's-tongue fern	Asplenium scolopendrium var. americanum Synonym: Phyllitis scolopendrium	Federal	Threatened	Terestrial, Shade, Moist Soils	Site walk required	Not Id'd by State	NYSNHP: This fern is typically found in glacial plunge basins on dolomite & other calcareous rocks. These basins typically have a high number of bryophyte species & are often cooler and moister than the surrounding upland areas. The ferns are often found on unstable talus or rock crevices below the basin cliffs. Flora of North America: On calcareous rocks in sinkholes, at cave entrances, and on cool, moist talus, always in deep shade. Gleason & Conquist: On limestone rocks & in sink-holes. Fernald: Crevices & cool slopes or sink-hole of dolomite and other calcareous rocks. Peterson: Shaded, damp, rocky limestone crevices. On highlands where it is cool & moist.	Little shade present. Almost level topograph, i.e.no cliffs, crevices or cool slopes present. Wrong soil type; Collamer soil is moderately acidic, no limestone rock present.	Yes. Vegetative portions present till the end of November.	No	No appropriate habitat present & species not observed at the site.
Bald eagle	Haliaeetus leucocephalus	Federal	Delisted	Coastal/ Near Waterbodies	No known occurrence	Not Id'd by State	NYSDEC: Nests in forests along the shorelines of oceans, lakes, or rivers.	Predominately open, developed land. No forests present.	Not applicable	No	No appropriate habitat present & species not observed at the site.
Bog turtle	Glyptemys muhlenbergii	Federal	Threatened	Wetland/ Bog/ Marsh	Site walk required	Not Id'd by State	NYSDEC: Open canopy wetlands with soft, saturated soils such as fens or sedge meadows fed by seeps and springs of cold groundwater that has been in contact with calcium-rich bedrock or soils.	No state or federal wetlands mapped to this site. Wrong soil type present; Collamer soils are moderately well drained (i.e., non-hydric) & no calcium-rich bedrock or soils present.	Not applicable	No	No appropriate habitat present & species not observed at the site.
Eastern massasauga	Sistrurus catenatus catenatus	Federal	Candidate	Wetland	Site walk required	Project will not impact habitat	NYSDEC: Strongly associated with wetlands across its range; bogs & swamps in the east. Also wet lowlands, including marshes & floodplains. Locations that provide open sunny areas with elevated hummocks for basking as well as shaded areas for retreat. The hummocks are also used as a place for bearing young and, most importantly, for hibernation during winter months. There are only two known populations remaining in New York, both of which occur in boggy, forested wetlands with "open rooms" of low vegetation.	No state or federal wetlands mapped to this site. The Oneida River shore & floodplain does not provide the necessary hummock microtopography.	Not applicable	No	No appropriate habitat present & species not observed at the site.

Project: Brewertpm Revitalization
Date: September 2010
Threatened and Endangered Species

Common Name	Scientific Name	Federal/ State reported	Status	Listed Habitat	Exclusion/ Federal	Exclusion/ State	Researched habitat requirements	Site map & photo findings	Plant Identifiable in September?	Expected present?	Site visit findings
Eastern prairie fringed orchid (historic/ state & federal)	Platanthera leucophea synonym: Habenaria leucophaea	Federal/ State	Federal: Threatened State: Threatened	Federal: mesic prairie to wetlands State: marshes, swamps, fens	Site walk required	Site walk required	Gleason: Bogs and marshes CPC: This orchid requires full sun for optimum growth and reproduction. It occupies tall grass silt-loam or sand prairies, sedge meadows, fens, lakeshore grasslands, & occasionally sphagnum bogs in the eastern part of its range. This historic plant has not been found to have relocated back into New York.	Bogs and marshes not present. Hydric soils not present. No lakeshore present. Rivershore is present, but consists mainly of concrete reinforced banks bordered by mowed lawn. Where the concrete reinforced banks are not present, site photos indicate successional shrubland is present, not sedge meadows.	No. Fruits only available till the end of July. Will need to confirm that no marshes, bogs, or sedge meadows are present at the site.	No	No appropriate habitat present & species not observed at the site.
Indiana bat (W/S)	Myotis sodalis	Federal	Endangered	Caves/ Roost trees	No approriate habitat available	Not Id'd by State	No appropriate habitat present, therefore no further investigation warranted.		Not applicable	No	No appropriate habitat present & species not observed at the site.
Small whorled pogonia (historic)	Isotria medeoloides	Federal	Threatened	Forest understory	Site walk required	Not Id'd by State	CPC: This species inhabits semi-open, mesic forests of eastern North America. The forests consist of mixed deciduous in 2nd or 3rd growth successional stages. Soils are highly acidic, and many are fragipans on shallow-to-bedrock (or shallow-to-clay). Slopes are 8-22% where lateral water drainage from upslope sources occurs, particularly in the northeastern part of its range.	No forests present. Aerials & site photos indicate only extremely limited 2nd successional stages present. The mapped soil (Collamer) is not highly acidic. The land is almost level (i.e., no 8-22% slopes present).	Yes. Fruits available till the end of October.	No	No appropriate habitat present & species not observed at the site.
Lake Sturgeon	Acipenser fulvescens	State	Threatened	Lake	Not Id'd by Feds	Project will not impact habitat	Project will not impact habitat, therefore no further investigation warranted.		Not applicable	If present, still no project impact.	NA
Swamp smartweed	Persicaria setacea synonyms: Polygonum setaceum & Polygonum hydropiperoides var. setaceum	State	Endangered	Wetland, Marsh, Rver	Not Id'd by Feds	Site walk required	USGS: Swamps, along streams, around ponds, & lakes, and in ditches. Missouri: Swamp and pond margins, streambanks, springs, wet woods. Gleason: Wet soil, beaches, & shallow water. Ohio: Open shores of natural lakes & less frequently in swamp forests; often in alkaline soils.	Riverbank present. Will need to canvas that area. Soils not alkaline.	Yes. Fruits available till mid October.	Unlikely	Species not found at the site.
Iowa darter	Etheostoma exile	State	Imperiled	Oneida Lake outlet	Not Id'd by Feds	Project will not impact habitat	Project will not impact habitat, therefore no further investigation warranted.		Not applicable	If present, still no project impact.	NA
Longear sunfish	Lepomis megalotis	State	Threatened	Oneida Lake	Not Id'd by Feds	Project will not impact habitat	Project will not impact habitat, therefore no further investigation warranted.		Not applicable	If present, still no project impact.	NA

Appendix C

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New York Ecological Services Field Office
3817 Luker Road
Cortland, NY 13045-9349
Phone: (607) 753-9334 Fax: (607) 753-9699
http://www.fws.gov/northeast/nyfo/es/section7.htm

In Reply Refer To:
Consultation Code: 05E1NY00-2017-SLI-0910
Event Code: 05E1NY00-2017-E-07117
Project Name: Brewerton Revitalization Project

June 08, 2017

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

To Whom It May Concern:

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

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

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 et seq.), and projects affecting these species may require development of an eagle conservation plan (

http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the Services wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

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

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

Attachment(s):

- Official Species List

Official Species List

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

This species list is provided by:

New York Ecological Services Field Office
3817 Luker Road
Cortland, NY 13045-9349
(607) 753-9334

Project Summary

Consultation Code: 05E1NY00-2017-SLI-0910

Event Code: 05E1NY00-2017-E-07117

Project Name: Brewerton Revitalization Project

Project Type: ** OTHER **

Project Description: Expansion and upgrade to Riverfront Park. Improvements to Route 11 streetscape.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/43.238589378803255N76.14055462480744W



Counties: Onondaga, NY | Oswego, NY

Endangered Species Act Species

There is a total of 3 threatened, endangered, or candidate species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
Indiana Bat *(Myotis sodalis)* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat *(Myotis septentrionalis)* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Reptiles

NAME	STATUS
Eastern Massasauga (=rattlesnake) *(Sistrurus catenatus)* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2202	Threatened

Critical habitats

There are no critical habitats within your project area.

Appendix D

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

February 17, 2017

John Guariglia
Saratoga Associates
109 South Warren Street, Suite 400
Syracuse, NY 13202

Re: Brewerton Revitalization Project
County: Onondaga Town/City: Cicero

Dear Mr. Guariglia:

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

Enclosed is a report of rare or state-listed animals and plants, and significant natural communities that our database indicates occur in the vicinity of the project site.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our database. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

Our database is continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 7 Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,

Nicholas Conrad
Information Resources Coordinator
New York Natural Heritage Program

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

The following state-listed animals have been documented in the vicinity of the project site.

The following list includes animals that are listed by NYS as Endangered, Threatened, or Special Concern; and/or that are federally listed or are candidates for federal listing.

For information about any permit considerations for the project, contact the Permits staff at the NYSDEC Region 7 Office. For information about potential impacts of the project on these species, and how to avoid, minimize, or mitigate any impacts, contact the Wildlife Manager.

A listing of Regional Offices is at http://www.dec.ny.gov/about/558.html.

The following species have been documented in Oneida Lake.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*FEDERAL LISTING*	
Fish				
Lake Sturgeon	*Acipenser fulvescens*	Threatened		11143

The following species have been documented within one mile of the project site. Individual animals may travel 2.5 miles from documented locations.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*FEDERAL LISTING*	
Mammals				
Indiana Bat *Maternity colony roost*	*Myotis sodalis*	Endangered	Endangered	13852

This report only includes records from the NY Natural Heritage database. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NYSDEC at www.dec.ny.gov/animals/7494.html.

Appendix E

United States Department of the Interior

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

In Reply Refer To: October 07, 2020
Consultation Code: 05E1NY00-2017-SLI-0910
Event Code: 05E1NY00-2021-E-00169
Project Name: Brewerton Revitalization Project

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

To Whom It May Concern:

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

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

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/

eagle_guidance.html). Additionally, wind energy projects should follow the Services wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

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

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

Attachment(s):

- Official Species List

Official Species List

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

This species list is provided by:

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

Project Summary

Consultation Code: 05E1NY00-2017-SLI-0910

Event Code: 05E1NY00-2021-E-00169

Project Name: Brewerton Revitalization Project

Project Type: ** OTHER **

Project Description: Expansion and upgrade to Riverfront Park. Improvements to Route 11 streetscape.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/43.238589378803255N76.14055462480744W



Counties: Onondaga, NY | Oswego, NY

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

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

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

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

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

Mammals

NAME	STATUS
Indiana Bat *Myotis sodalis* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered

Reptiles

NAME	STATUS
Eastern Massasauga (=rattlesnake) *Sistrurus catenatus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2202	Threatened

Critical habitats

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

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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

December 1, 2019

John Guariglia
Saratoga Associates Landscape Architects, Architects, Engineers, and Planners, P.C.
109 South Warren Street, Suite 405
Syracuse, NY 13202

Re: Hamlet of Brewerton Revitalization Project
County: Onondaga Town/City: Cicero

Dear Mr. Guariglia:

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

Enclosed is a report of rare or state-listed animals and plants, and significant natural communities that our database indicates occur in the vicinity of the project site.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our database. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

Our database is continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 7 Office, Division of Environmental Permits at dep.r7@dec.ny.gov, 315-426-7438.

Sincerely,

Heidi Krahling
Environmental Review Specialist
New York Natural Heritage Program

1299

The following state-listed animals have been documented in the vicinity of the project site.

The following list includes animals that are listed by NYS as Endangered, Threatened, or Special Concern; and/or that are federally listed or are candidates for federal listing.

For information about any permit considerations for your project, please contact the Permits staff at the NYSDEC Region 7 Office at dep.r7@dec.ny.gov, 315-426-7438.

The following species has been documented in Oneida Lake and so could occur in the vicinity of the project site.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*FEDERAL LISTING*	
Fish				
Lake Sturgeon	*Acipenser fulvescens*	Threatened		11143

The following species has been documented within one mile of the project site. Additional locations have been documented within 2.5 miles. Individual animals may travel 2.5 miles from documented locations. An impact of concern is the cutting or removal of potential roost trees.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*FEDERAL LISTING*	
Mammals				
Indiana Bat *Maternity colony*	*Myotis sodalis*	Endangered	Endangered	13852

This report only includes records from the NY Natural Heritage database.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NYSDEC at www.dec.ny.gov/animals/7494.html.

The following rare animal has a historical record in the vicinity of the project site.

The following rare animal was documented in the vicinity of the project site at one time, but has not been documented there since 1979 or earlier, and/or there is uncertainty regarding its continued presence. There is no recent information on this animal in the vicinity of the project site and its current status there is unknown. In most cases the precise location of the animal in this vicinity at the time it was last documented is also unknown.

If suitable habitat for this animal is present in the vicinity of the project site, it is possible that it may still occur there. We recommend that any field surveys to the site include a search for this species, particularly at sites that are currently undeveloped and may still contain suitable habitat.

COMMON NAME	*SCIENTIFIC NAME*	*NYS LISTING*	*HERITAGE CONSERVATION STATUS*
Fish			
Northern Sunfish	*Lepomis peltastes*	Threatened	Critically Imperiled in NYS

1940: Oneida Lake. A specimen from 1916 was taken from a nest in water that was approximately 15 inches deep. The nest was located in a sandy space cleared in a thick algae bed. 3470

This report only includes records from the NY Natural Heritage database. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the rare animals and plants in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, from NatureServe Explorer at www.natureserve.org/explorer, and from USDA's Plants Database at http://plants.usda.gov/index.html (for plants).

U.S. Department of Transportation
Federal Highway Administration

New York Division

Leo W. O'Brien Federal Building
11A Clinton Avenue, Suite 719
Albany, NY 12207
518-431-4127
Fax: 518-431-4121
New York.FHWA@dot.gov

February 19, 2020

In Reply Refer To:
HED-NY

Mr. Mark Frechette, PE
Director, Planning and Program Management Group
New York State Department of Transportation, Region 3
333 East Washington Street
Syracuse, NY 13202

Subject: PIN 3754.95 Revitalization and Redevelopment of Brewerton
Town of Cicero, Onondaga County
Endangered Species Act

Dear Mr. Frechette:

We have reviewed the documentation you submitted on February 12 regarding consultation under Section 7 of the Endangered Species Act for the subject project. FHWA concurs with the New York State Department of Transportation Region 3 determination that the project will have "No Effect" on the Eastern Massasauga Rattlesnake due to no suitable habitat.

If at any time during construction the presence of these federally listed species, or their habitat, is discovered or suspected, construction activities must be halted. Activities cannot resume until FHWA and the USFWS are consulted.

If you have any questions, please contact me at (518) 431-8844.

Sincerely,

Patricia M. Millington
Area Engineer

U.S. Department of Transportation
Federal Highway Administration

New York Division

Leo W. O'Brien Federal Building
11A Clinton Avenue, Suite 719
Albany, NY 12207
518-431-4127
Fax: 518-431-4121
New York.FHWA@dot.gov

June 12, 2020

In Reply Refer To:
HED-NY

Ms. Erin Cole
Regional Cultural Resource Coordinator
New York State Department of Transportation, Region 3
333 East Washington Street
Syracuse, NY 13202

Subject: PIN 3754.95 Brewerton Revitalization
Town of Cicero, Onondaga County
Section 106 Determination

Dear Ms. Cole:

In response to your June 9 letter requesting concurrence that the Section 106 determination made on November 29, 2016 remains valid, we have reviewed the project documentation. It is our understanding that there have been no changes to the proposed work and the project's construction will follow the avoidance plan as approved in 2016.

The Section 106 determination of November 29, 2016 therefore remains valid and the requirements of 36 CFR Part 800 have been met for this project.

If you have any questions, please contact me at (518) 431-8844.

Sincerely,

Patricia M. Millington
Area Engineer

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

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

November 9, 2016

Ms. Pam Grupp
Cultural Resource Coordinator
NYSDOT Region 3
333 East Washington Street
Syracuse, NY 13202

Re: FHWA
Brewerton Revitalization PIN 3754.95 (Contains 10PR7164)
Town of Cicero, Onondaga County
10PR00556

Dear Ms. Grupp:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the *Avoidance Plan*, prepared by the Town of Cicero and dated August 22, 2016, in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources.

Based on this review and a review of the Birchwood archaeology reports, it is the SHPO's opinion that the proposed avoidance measures are adequate to protect the Riverfront Park Precontact Site (06702.000118). The SHPO has no further concerns with this undertaking with the condition that the SHPO's *Human Remains Discovery Protocol* and the *Haudenosaunee Human Remains Protocol* are included in all appropriate construction documents. Copies of these protocols are enclosed.

If you have any questions, I can be reached at (518) 268-2179.

Sincerely,

Nancy Herter

Nancy Herter
Archaeology Unit Program Coordinator
e-mail: nancy.herter@parks.ny.gov

U.S. Department of Transportation
Federal Highway Administration

New York Division

Leo W. O'Brien Federal Building
11A Clinton Avenue, Suite 719
Albany, NY 12207
518-431-4127
Fax: 518-431-4121
New York.FHWA@dot.gov

November 29, 2016

In Reply Refer To:
HED-NY

Ms. Pamela Grupp, RLA
Regional Cultural Resource Coordinator
New York State Department of Transportation, Region 3
333 East Washington Street
Syracuse, NY 13202

Subject: PIN 3754.95 Brewerton Revitalization
Town of Cicero, Onondaga County
Section 106 Determination

Dear Ms. Grupp:

In response to your November 22 email requesting our concurrence that the requirements of 36 CFR 800 have been met for the above referenced project, we have reviewed the project documentation.

In November 2015 a Supplemental Phase 1B Cultural Resources Survey was completed for this project. The survey report indicated that the Riverfront Precontact Site should be considered potentially eligible for inclusion on the National Register of Historic Places, and due to its significance the site should be avoided if possible. As a result the *Riverfront Park Precontact Archeological Site Avoidance Plan* was developed and shared with the NYS Historic Preservation Office, the Onondaga Nation and the Oneida Indian Nation on October 11, 2016.

- On November 3 the Historic Preservation Specialist representing the Oneida Indian Nation responded that the Nation has no further concerns regarding this project and its potential to affect historic properties if the avoidance plan is followed.

- On November 9 the SHPO provided an opinion that the proposed avoidance measures are adequate to protect the Riverfront Precontact Site.

- The Onondaga Nation did not provide a response within 30 days, which indicates agreement.

NYSDOT has applied the criteria of effect and concluded that the project will have *No Adverse Effect* on historic properties.

We have reviewed the information provided and based upon the inclusion of the proposed avoidance measures as outlined in the Avoidance Plan; FHWA has determined that the undertaking will have *No Adverse Effect* on properties eligible for inclusion or on the

National Register of Historic Places. The requirements of 36 CFR Part 800 have been met for this project.

If you have any questions, please contact me at (518) 431-8844.

Sincerely,

Patricia M. Millington
Area Engineer

PIN: 375495 **PROJECT NAME:** Hamlet of Brewerton Revitalization

Section 7 ESA Process: ESA Transmittal Sheet

Step 3: Documentation. Please complete the appropriate boxes below and complete the documentation as described.

	ESA Does Not Apply	No Effect, Activity-Based	No Effect, No Suitable Habitat or No Effect	BATS: MA, NLAA, 14-Day Form, or IPaC Submittal	NLEB: MA, LAA 30 Day Form, or IPaC Submittal	MA, NLAA, Traditional 7-step Process	MA, LAA, Formal Consultation
Northern Long-eared Bat			X				
Indiana Bat			X		NA		
Bog Turtle	X			NA	NA		
Mollusks (Dwarf Wedge Mussel, Rayed Bean, Clubshell, Chittenango Ovate Amber Snail)	X			NA	NA		
Karner Blue Butterfly	X			NA	NA		
Sturgeon (Shortnose, Atlantic)	X			NA	NA		
Other listed species (Please list)	(Eastern massasauga per FHWA letter dated 2/19/2020)		X	NA	NA		
Documentation Required	The IPaC report is included in the Design Report.	Record the corresponding number of the activity in the box above. This sheet and the IPaC printout are included in the Design Report.	NYSDOT submits "No Suitable Habitat Determination" or "No Effect" Documentation to FHWA for No Effect Concurrence.	NYSDOT submits 14-day Form to USFWS-cc: Area Engineer, OR submits through IPaC w/Area Engineer included.	NYSDOT submits 30-day Form to FHWA-then to USFWS, OR NYSDOT submits through IPaC w/ Area Engineer included.	NYSDOT submits either BE or BA to FHWA, who submits to USFWS for concurrence.	NYSDOT submits BA to FHWA for Initiation of Formal Consultation with USFWS.

Instructions for Use: This Summary Sheet is sent to FHWA for concurrence for all submissions, except "ESA Does Not Apply" and "No Effect, Activity-Based". A submittal package includes all documentation for all species requiring concurrence, with a cover letter requesting concurrence, so that FHWA can make one ESA determination. SEE EACH SPECIES-SPECIFIC PACKAGE FOR SPECIFIC DOCUMENTATION REQUIREMENTS FOR SUBMITTALS. Also, FHWA requires documentation of compliance with ESA in the Design Report.

United States Department of the Interior

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

IPaC Record Locator: 933-20184342 February 07, 2020

Subject: Consistency letter for the 'Brewerton Revitalization Project' project (TAILS 05E1NY00-2017-SLI-0910) under the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat.

To whom it may concern:

The U.S. Fish and Wildlife Service (Service) has received your request to verify that the **Brewerton Revitalization Project** (Proposed Action) may rely on the revised February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects within the Range of the Indiana Bat and Northern Long-eared Bat (PBO) to satisfy requirements under Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 *et seq.*).

Based on the information you provided (Project Description shown below), you have determined that the Proposed Action will have no effect on the endangered Indiana bat (*Myotis sodalis*) or the threatened Northern long-eared bat (*Myotis septentrionalis*). If the Proposed Action is not modified, **no consultation is required for these two species.**

For Proposed Actions that include bridge/structure removal, replacement, and/or maintenance activities: If your initial bridge/structure assessments failed to detect Indiana bats, but you later detect bats during construction, please submit the Post Assessment Discovery of Bats at Bridge/Structure Form (User Guide Appendix E) to this Service Office. In these instances, potential incidental take of Indiana bats may be exempted provided that the take is reported to the Service.

If the Proposed Action may affect any other federally-listed or proposed species and/or designated critical habitat, additional consultation between the lead Federal action agency and this Service Office is required. If the proposed action has the potential to take bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act may also be required. In either of these circumstances, please advise the lead Federal action agency accordingly.

The following species may occur in your project area and **are not** covered by this determination:

- Eastern Massasauga (=rattlesnake), *Sistrurus catenatus* (Threatened)

Project Description

The following project name and description was collected in IPaC as part of the endangered species review process.

Name

Brewerton Revitalization Project

Description

Expansion and upgrade to Riverfront Park. Improvements to Route 11 streetscape.

Determination Key Result

Based on the information you provided, you have determined that the Proposed Action will have no effect on the endangered Indiana bat and/or the threatened Northern long-eared bat. Therefore, no consultation with the U.S. Fish and Wildlife Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended 16 U.S.C. 1531 *et seq.*) is required for these two species.

Qualification Interview

1. Is the project within the range of the Indiana bat[1]?

   [1] See Indiana bat species profile

   Automatically answered
   Yes

2. Is the project within the range of the Northern long-eared bat[1]?

   [1] See Northern long-eared bat species profile

   Automatically answered
   No

3. Which Federal Agency is the lead for the action?

   A) Federal Highway Administration (FHWA)

4. Are *all* project activities limited to non-construction[1] activities only? (examples of non-construction activities include: bridge/abandoned structure assessments, surveys, planning and technical studies, property inspections, and property sales)

   [1] Construction refers to activities involving ground disturbance, percussive noise, and/or lighting.

   No

5. Does the project include *any* activities that are **greater than** 300 feet from existing road/rail surfaces[1]?

   [1] Road surface is defined as the actively used [e.g. motorized vehicles] driving surface and shoulders [may be pavement, gravel, etc.] and rail surface is defined as the edge of the actively used rail ballast.

   No

6. Does the project include *any* activities **within** 0.5 miles of a known Indiana bat and/or NLEB hibernaculum[1]?

   [1] For the purpose of this consultation, a hibernaculum is a site, most often a cave or mine, where bats hibernate during the winter (see suitable habitat), but could also include bridges and structures if bats are found to be hibernating there during the winter.

   No

7. Is the project located **within** a karst area?

   No

8. Is there *any* suitable[1] summer habitat for Indiana Bat or NLEB **within** the project action area[2]? (includes any trees suitable for maternity, roosting, foraging, or travelling habitat)

   [1] See the Service's summer survey guidance for our current definitions of suitable habitat.

   [2] The action area is defined as all areas to be affected directly or indirectly by the Federal action and not merely the immediate area involved in the action (50 CFR Section 402.02). Further clarification is provided by the national consultation FAQs.

   No

9. Does the project include wetland or stream protection activities associated with compensatory wetland mitigation?

   No

10. Does the project include slash pile burning?

    No

11. Does the project include *any* bridge removal, replacement, and/or maintenance activities (e.g., any bridge repair, retrofit, maintenance, and/or rehabilitation work)?

    No

12. Does the project include the removal, replacement, and/or maintenance of *any* structure other than a bridge? (e.g., rest areas, offices, sheds, outbuildings, barns, parking garages, etc.)

    No

13. Will the project involve the use of **temporary** lighting *during* the active season?

    No

14. Will the project install new or replace existing **permanent** lighting?

    Yes

15. Is there *any* suitable habitat **within** 1,000 feet of the location(s) where **permanent** lighting will be installed or replaced?

    No

16. Does the project include percussives or other activities (**not including tree removal/ trimming or bridge/structure work**) that will increase noise levels above existing traffic/ background levels?

    No

17. Are *all* project activities that are **not associated with** habitat removal, tree removal/ trimming, bridge and/or structure activities, temporary or permanent lighting, or use of percussives, limited to actions that DO NOT cause any additional stressors to the bat species?

    Examples: lining roadways, unlighted signage , rail road crossing signals, signal lighting, and minor road repair such as asphalt fill of potholes, etc.

    Yes

18. Will the project raise the road profile **above the tree canopy**?

    No

19. Is the location of this project consistent with a No Effect determination in this key?

    Automatically answered
    Yes, because the project action area is not within suitable Indiana bat and/or NLEB summer habitat and is outside of 0.5 miles of a hibernaculum.

20. Is the permanent lighting portion of this project consistent with a No Effect determination in this key?

    Automatically answered
    Yes, because the lighting will be more than 1,000 feet from the nearest suitable habitat

Determination Key Description: FHWA, FRA, FTA Programmatic Consultation For Transportation Projects Affecting NLEB Or Indiana Bat

This key was last updated in IPaC on December 02, 2019. Keys are subject to periodic revision.

This decision key is intended for projects/activities funded or authorized by the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), and/or Federal Transit Administration (FTA), which may require consultation with the U.S. Fish and Wildlife Service (Service) under Section 7 of the Endangered Species Act (ESA) for the endangered **Indiana bat** (*Myotis sodalis*) and the threatened **Northern long-eared bat** (NLEB) (*Myotis septentrionalis*).

This decision key should only be used to verify project applicability with the Service's February 5, 2018, FHWA, FRA, FTA Programmatic Biological Opinion for Transportation Projects. The programmatic biological opinion covers limited transportation activities that may affect either bat species, and addresses situations that are both likely and not likely to adversely affect either bat species. This decision key will assist in identifying the effect of a specific project/activity and applicability of the programmatic consultation. The programmatic biological opinion is not intended to cover all types of transportation actions. Activities outside the scope of the programmatic biological opinion, or that may affect ESA-listed species other than the Indiana bat or NLEB, or any designated critical habitat, may require additional ESA Section 7 consultation.

APPENDIX C
Traffic Information

Chapter 18, Appendix A - CAPITAL PROJECTS **COMPLETE STREETS CHECKLIST** **(**18A-2)

Introduction

The intent of this checklist is to assist in the identification of needs for Complete Streets design features on Capital projects, including locally-administered projects.

This checklist is one tool that NYSDOT employs in its integrated approach to Complete Streets considerations. It provides a focused project-level evaluation which aids in identifying access and mobility issues and opportunities within a defined project area. For broader geographic considerations (e.g., bicycle route planning, corridor continuity), NYSDOT and other state and local agencies use a system-wide approach to identifying complete streets opportunities.

Use of this checklist is initiated during the earliest phase of a project, when information about existing conditions and needs may be limited; it is therefore likely that the Preparer will only be able to complete Steps 1 and 2 at this time. As the project progresses, and more detailed information becomes available, the Preparer will be able to complete Step 3 and continue to refine earlier answers, to give an increasingly accurate indication of needs and opportunities for Complete Streets features.

Guidance for Steps 1, 2 and 3

Based on the guidance below, the Regions will assign the appropriate staff to complete each step in the Checklist. The Preparer should have expertise in the subject matter and be able to effectively work with and coordinate comments/responses with involved Regional Groups.

- Steps 1 & 2: Preparer is from Planning; review occurs as part of the normal IPP process.
- Step 3: Preparer is Project Designer; review occurs as part of Design Approval Document review/approval process.
- For Local Projects - Local Project Sponsors will be responsible for completing all steps.

a. A check of “yes” indicates a need to further evaluate the project for Complete Streets features.

b. Use the “Comment/Action” text box for brief remarks that clarify answers and indicate direction for the project. Use the section titled “Additional comments, supporting documentation and clarifications” at the end of Step 3 of the checklist for any supporting information or remarks that do not fit in the Comment/Action text box provided. Append additional pages if necessary. For additional text entered at the end, reference the step and checklist number.

c. Answers to the questions should be checked with the local municipality, transit provider, MPO, etc., as appropriate, to ensure accuracy and evaluate needed items versus desirable items (i.e., prioritize needs).

d. Answers to the questions should be coordinated with NYSDOT Regional program areas as appropriate (e.g., Traffic and Safety, Landscape Architecture, Maintenance, etc.)

e. This checklist should be reviewed during the development of the IPP, Scoping Document, and Design Approval Document; and revisited due to a project delay or if site conditions or local planning changes during the project development process. Continued coordination with the Regional Bicycle and Pedestrian Coordinator is necessary throughout project scoping and design.

f. It will be assumed that the Project Description and Limits will be as described in the IPP for Step I, the Scoping Document for Step 2 and the Design Approval Document for Step 3. Preparers should describe any deviations from this assumption under “Preparer’s Supporting Documentation”.

g. For the purposes of this checklist, the “project area” is within 0.5 mi (800 m) for pedestrian facilities and 1.0 mi

(1600 m) for bicycle facilities. In some circumstances, bicyclists may travel up to 7 miles for a unique generator, attraction or event. These special circumstances may be considered and described as appropriate.

h. For background on Complete Streets features and terminology, please visit the following websites:

http://www.fhwa.dot.gov/environment/bicycle_pedestrian/guidance/design_guidance/design_nonmotor/highway/index.cfm
http://www.fhwa.dot.gov/publications/publicroads/10julaug/03.cfm
http://www.smartgrowthamerica.org/complete-streets/

i. Refer to *Highway Design Manual* Chapter 18, Section 18.5.1 for further information and guidance on the use of this checklist.

j. For projects with multiple sites, Preparers may choose to prepare multiple checklists for each site.

Definitions

- CAMCI (Comprehensive Asset Management/Capital Investment) Viewer - A web-based GIS application used for planning purposes and located at http://gisweb/camci/.
- Generator - A generator, in this document, refers to both origins and destinations for bicycle and/or pedestrian trips (e.g., schools, libraries, shopping areas, bus stops, transit stations, depots/terminals).
- HDM - New York State Department of Transportation's *Highway Design Manual*.
- Maintenance project - For the purposes of this checklist, maintenance projects are listed as the following project types: Rigid pavement repairs, pavement grooving, drainage system restoration, recharge basin reconditioning, SPDES facilities maintenance, underdrain installation, guide rail and/or median barrier upgrading, impact attenuator repair, and/or replacement, reference marker replacement, traffic management systems maintenance, repair and replace loop detectors, highway lighting upgrades, noise wall rehab/replacement, retaining wall rehab/replacement, graffiti removal/prevention, vegetation management, permanent traffic count detectors, weigh-in-motion detectors, slope stabilization, ditch cleaning, bridge washing/cleaning, bridge joint repair, bridge painting and crack sealing.
- MPO (Metropolitan Planning Organization) - A federally mandated and federally funded transportation policy-making organization made up of representatives from local government and governmental transportation authorities.
- Raised Pedestrian Refuge Medians and Corner Islands - Raised elements within the street at an intersection or midblock crossing that provide a clear or safety zone to separate pedestrians, bicyclists, and other non-motorized modes, from motor vehicles . See FHWA's *Safety Effects of Marked vs. Unmarked Crosswalks at Uncontrolled Locations* at http://www.fhwa.dot.gov/publications/research/safety/04100/04100.pdf.
- Road diet - A transportation planning technique used to achieve systemic improvements to safety or provide space for alternate modes of travel. For example, a two-way, four lane road might be reduced to one travel lane in each direction, with more space allocated to pedestrian and cyclist facilities. Also known as a lane reduction or road re-channelization.
- Transit facilities - Includes facilities such as transit shelters, bus turnouts and standing pads.
- 1R project - A road resurfacing project that includes the placement or replacement of the top and/or binder pavement course(s) to extend or renew the existing pavement design life and to improve serviceability while not degrading safety.
- 2R project - A multicourse structural pavement and resurfacing project that may include: milling, super elevation, traffic signals, turn lanes, driveway modifications, roadside work, minor safety work, lane and shoulder widening, shoulder reconstruction, drainage work, sidewalk curb ramps, etc.

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

PIN:	375495	**Project Location:**	Town of Cicero, Onondaga County
Context:	○ **Urban / Village** ◉ **Suburban** ○ **Rural**		
Project Title:	Hamlet of Brewerton Revitalization Project (U.S. Route 11 / Riverfront Park Redesign)		

STEP 1- APPLICABILITY OF CHECKLIST

1.1	Is the project located entirely on a facility where bicyclists and pedestrians are prohibited by law and the project does not involve a shared use path or pedestrian/bicycle structure? *If **no**, continue to question 1.2. If **yes**, stop here.*	○ **Yes** ◉ **No**
1.2	a. Is this project a 1R* Maintenance project? *If **no**, continue to question 1.3. If **yes**, go to part b of this question.*	○ **Yes** ◉ **No**
1.2	b. Are there opportunities on the 1R project to improve safety for bicyclists and pedestrians with the following Complete Street features? • Sidewalk curb ramps and crosswalks • Shoulder condition and width • Pavement markings • Signing *Document opportunities or deficiencies in the IPP and **stop here.*** ** Refer to Highway Design Manual (HDM) Chapter 7, Exhibit 7-1 "Resurfacing ADA and Safety Assessment Form" under ADA, Pavement Markings and Shoulder Resurfacing for guidance.*	○ **Yes** ○ **No**
1.3	Is this project a Cyclical Pavement Marking project? *If **no**, continue to question 1.4. If **yes**, review EI 13-021* and identify opportunities to improve safety for bicyclists and pedestrians with the following Complete Streets features:* • Travel lane width • Shoulder width • Markings for pedestrians and bicyclists *Document opportunities or deficiencies in the IPP and **stop here.*** ** EI 13-021, "Requirements and Guidance for Pavement Marking Operations - Required Installation of CARDS and Travel Lane and Shoulder Width Adjustments".*	○ **Yes** ◉ **No**
1.4	Is this a Maintenance project *(as described in the "Definitions" section of this checklist)* and different from 1.2 and 1.3 projects? *If **no**, continue to Step 2. If **yes,** the Project Development Team should continue to look for opportunities during the Design Approval process to improve existing bicycle and pedestrian facilities within the scope of project. Identify the project type in the space below and **stop here.***	○ **Yes** ◉ **No**

STEP 1 prepared by: _____ Date: _____

STEP 2 - IPP LEVEL QUESTIONS (At Initiation)	**Comment / Action**

2.1	Are there public policies or approved known development plans (e.g., community Complete Streets policy, Comprehensive Plan, MPO Long Range and/or Bike/Ped plan, Corridor Study, etc.) that call for consideration of pedestrian, bicycle or transit facilities in, or linking to, the project area? *Contact municipal planning office, Regional Planning Group and Regional Bicycle/Pedestrian Coordinator.*	(●) **Yes** ( ) **No**	This Project will address recommendations identified in the Hamlet of Brewerton Strategic Revitalization Plan.
2.2	Is there an existing or planned sidewalk, shared use path, bicycle facility, pedestrian-crossing facility or transit stop in the project area?	(●) **Yes** ( ) **No**	Existing sidewalks, in poor condition, exist along U.S. Route 11. Pedestrian crossings and bike facilitieis are lacking.
2.3	a. Is the highway part of an existing or planned State, regional or local bicycle route? *If **no**, proceed to question 2.4. If **yes**, go to part b of this question.* b. Do the existing bicycle accommodations meet the minimum standard guidelines of HDM Chapter 17 or the AASHTO "Guide for the Development of Bicycle Facilities"? * *Contact Regional Bicycle/Pedestrian Coordinator* ** Per HDM Chapter 17- Section 17.4.3, Minimum Standards and Guidelines.*	(●) **Yes** ( ) **No** (●) **Yes** ( ) **No**	While U.S. Route 11 may meet the minimum standards, travel is unsafe due to travel lanes and parking not being defined. This creates a sense of unease within the undefined space. The bike route is underutilized and needs to be improved.
2.4	Is the highway considered important to bicycle tourism by the municipality or region?	( ) **Yes** (●) **No**	While U.S. Route 11 is designated as a bike route, signage and safety is lacking. This is currently not being promoted.
2.5	Is the highway affected by special events (e.g., fairs, triathlons, festivals) that might influence bicycle, pedestrian or transit users? *Contact Regional Traffic and Safety*	( ) **Yes** (●) **No**	
2.6	Are there existing or proposed generators within the project area (*refer to the "Guidance" section*) that have the potential to generate pedestrian or bicycle traffic or improved transit accommodations? *Contact the municipal planning office, Regional Planning Group, and refer to the CAMCI Viewer, described in the "Definitions" section.*	(●) **Yes** ( ) **No**	Improvements to U.S. Route 11 and Riverfront Park will generate additional use. Proposed off site projects may become generators in the future.
2.7	Is the highway an undivided 4 lane section in an urban or suburban setting, with narrow shoulders, no center turn lanes, and existing Annual Average Daily Traffic (AADT) < 15,000 vehicles per day? *If **yes**, consider a road diet evaluation for the scoping/design phase. Refer to the "Definitions" section for more information on road diets.*	( ) **Yes** (●) **No**	U.S. Route 11 has an AADT of under 13,000. It currently is a 2 lane road with wide shoulders for on street parking.

2.8	Is there evidence of pedestrian activity (e.g., a worn path) and no or limited pedestrian infrastructure?	◉ **Yes** ○ **No**	There is limited pedestrian infrastructure.

STEP 2 prepared by: _____ Date: _____

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

ATTACH TO IPP AND INCLUDE RECOMMENDATIONS FOR SCOPING/DESIGN.

STEP 3 - PROJECT DEVELOPMENT LEVEL QUESTIONS (Scoping/Design Stage)			**Comment / Action**
3.1	Is there an identified need for bicycle/pedestrian/ transit or "way finding" signs that could be incorporated into the project?	◉ **Yes** ○ **No**	The community would like to reinforce that U.S. Route 11 is a bike route.
3.2	Is there history of bicycle or pedestrian crashes in the project area for which improvements have not yet been made?	○ **Yes** ◉ **No**	Due to lack of safe passage, bicycle and pedestrians avoid walking the U.S. Route 11 corridor.
3.3	Are there existing curb ramps, crosswalks, pedestrian traffic signal features, or sidewalks that don't meet ADA standards per HDM Chapter 18?	◉ **Yes** ○ **No**	The re-establishemnt of ramps, crosswalks, etc. are part of the project.
3.4	Is the posted speed limit is 40 mph or more and the paved shoulder width less than 4' (1.2 m) (6' in the Adirondack or other State Park)? *Refer to EI 13-021.*	○ **Yes** ◉ **No**	Speed limit is 35 mph, but existing shoulders are greater than 4 feet.
3.5	Is there a perceived pedestrian safety or access concern that could be addressed by the use of traffic calming tools (e.g., bulb outs, raised pedestrian refuge medians, corner islands, raised crosswalks, mid-block crossings)?	◉ **Yes** ○ **No**	Pedestrian safety and access is a concern to be addressed by completing this Project.
3.6	Are there conflicts among vehicles (moving or parked) and bike, pedestrian or transit users which could be addressed by the project?	◉ **Yes** ○ **No**	Conflicts exist as their is a lack of bicycle/pedestrian safety features.
3.7	Are there opportunities (or has the community expressed a desire) for new/improved pedestrian-level lighting, to create a more inviting or safer environment?	◉ **Yes** ○ **No**	The community has expressed this as being needed.
3.8	Does the community have an existing street furniture program or a desire for street appurtenances (e.g., bike racks, benches)?	○ **Yes** ◉ **No**	Improvements made to Riverfront Park may influence furniture along U.S. Route 11.

3.9	Are there gaps in the bike/pedestrian connections between existing/planned generators? *Consider locations within and in close proximity of the project area. (Within 0.5 mi (800 m) for pedestrian facilities and within 1.0 mi (1600 m) for bicycle facilities.)*	(•) **Yes** ( ) **No**	improvements to cross-walks, lighting, and the creation of bicycle lanes will assist in bridging gaps.
3.10	Are existing transit route facilities (bus stops, shelters, pullouts) inadequate or in inconvenient locations? (e.g., not near crosswalks) *Consult with Traffic and Safety and transit operator, as appropriate*	(•) **Yes** ( ) **No**	There is one stop within the corridor. There is no shelter or site amenities available at the location.
3.11	Are there opportunities to improve vehicle parking patterns or to consolidate driveways, (which would benefit transit, pedestrians and bicyclists) as part of this project?	(•) **Yes** ( ) **No**	Organized parking within Riverfront Park and along the U.S. Route corridor is part of proposed improvements.
3.12	Is the project on a "local delivery" route and/or do area businesses rely upon truck deliveries that need to be considered in design?	( ) **Yes** (•) **No**	
3.13	Are there opportunities to include green infrastructure which may help reduce stormwater runoff and/or create a more inviting pedestrian environment?	(•) **Yes** ( ) **No**	Bioswale and porous pavement have been identified in the Park. Porous pavement may be considered along U.S. Route 11.
3.14	Are there opportunities to improve bicyclist operation through intersections and interchanges such as with the use of bicycle lane width and/or signing?	(•) **Yes** ( ) **No**	Delineated intersections and bike accommodations are included as part of the project.

STEP 3 prepared by: Date:

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

As appropriate, further documentation and descriptions are contained within the report.

APPENDIX D
Other Data

Smart Growth Screening Tool

PIN **375495**

Prepared By: John Guariglia

Smart Growth Screening Tool (STEP 1)

NYSDOT & Local Sponsors – Fill out the Smart Growth Screening Tool until the directions indicate to **STOP** for the project type under consideration. For all other projects, complete answering the questions. For any questions, refer to Smart Growth Guidance document.

Title of Proposed Project: Hamlet of Brewerton Revitalization Project

Location of Project: Hamlet of Brewerton, Town of Cicero, Onondaga County

Brief Description: Streetscape improvements to U.S. Route 11 and redesign/expansion of Riverfront Park

A. Infrastructure:

Addresses SG Law criterion a. –
(To advance projects for the use, maintenance or improvement of existing infrastructure)

1. Does this project use, maintain, or improve existing infrastructure?

Yes ☒ **No** ☐ **N/A** ☐

Explain: (use this space to expand on your answers above – the form has no limitations on the length of your narrative)

The Project will use and improve existing infrastructure. Drainage for the Project will use existing sewers (where available) and may be improved (where needed). Additional infrastructure, such as roads and walkways will also be used and improved where necessary.

Maintenance Projects Only

a. Continue with screening tool for the four (4) types of maintenance projects listed below, as defined in **NYSDOT PDM Exhibit 7-1 and described in 7-4:** https://www.dot.ny.gov/divisions/engineering/design/dqab/pdm

- Shoulder rehabilitation and/or repair;
- Upgrade sign(s) and/or traffic signals;

- Park & ride lot rehabilitation;
- 1R projects that include single course surfacing (inlay or overlay), per Chapter 7 of the NYSDOT Highway Design Manual.

b. For all other maintenance projects, **STOP here.** Attach this document to the programmatic Smart Growth Impact Statement and signed Attestation for Maintenance projects.

For all other projects (other than maintenance), continue with screening tool.

B. Sustainability:

NYSDOT defines Sustainability as follows: A sustainable society manages resources in a way that fulfills the community/social, economic and environmental needs of the present without compromising the needs and opportunities of future generations. A transportation system that supports a sustainable society is one that:

- Allows individual and societal transportation needs to be met in a manner consistent with human and ecosystem health and with equity within and between generations.
- Is safe, affordable, and accessible, operates efficiently, offers choice of transport mode, and supports a vibrant economy.
- Protects and preserves the environment by limiting transportation emissions and wastes, minimizes the consumption of resources and enhances the existing environment as practicable.

For more information on the Department's Sustainability strategy, refer to Appendix 1 of the Smart Growth Guidance and the NYSDOT web site, www.dot.ny.gov/programs/greenlites/sustainability

(Addresses SG Law criterion j **:** to promote sustainability by strengthening existing and creating new communities which reduce greenhouse gas emissions and do not compromise the needs of future generations, by among other means encouraging broad based public involvement in developing and implementing a community plan and ensuring the governance structure is adequate to sustain and implement.)

1. Will this project promote sustainability by strengthening existing communities?

   Yes ☒ **No** ☐ **N/A** ☐

2. Will the project reduce greenhouse gas emissions?

   Yes ☒ **No** ☐ **N/A** ☐

Explain: (use this space to expand on your answers above)

It is expected that this Project will promote sustainability by strengthening the amenities found within the hamlet of Brewerton. The improved streetscape will include safe and adequate walkways and an improved experience for cyclists. It is envisioned that those visiting the Route 11 corridor will begin to enjoy their surroundings and want to explore the community using non-motorized means of transportation. It is also envisioned that there will ultimately be greater opportunities for employment within the hamlet. This will provide

greater opportunities for individuals who work, play, and live within the hamlet, thus reducing gas emissions.

C. Smart Growth Location:

Plans and investments should preserve our communities by promoting its distinct identity through a local vision created by its citizens.

(Addresses SG Law criteria b and c**:** to advance projects located in municipal centers; to advance projects in developed areas or areas designated for concentrated infill development in a municipally approved comprehensive land use plan, local waterfront revitalization plan and/or brownfield opportunity area plan.)

1. Is this project located in a developed area?

   Yes ☒ **No** ☐ **N/A** ☐

2. Is the project located in a municipal center?

   Yes ☒ **No** ☐ **N/A** ☐

3. Will this project foster downtown revitalization?

   Yes ☒ **No** ☐ **N/A** ☐

4. Is this project located in an area designated for concentrated infill development in a municipally approved comprehensive land use plan, waterfront revitalization plan, or Brownfield Opportunity Area plan?

   Yes ☒ **No** ☐ **N/A** ☐

Explain: (use this space to expand on your answers above)

This Project is proposed within a Hamlet that contains mixed land uses such as residential, commercial, and industrial properties. There are vacant and underutilized parcels of land along and adjacent to Route 11. By improving the corridor it is anticipated that these parcels may be (re)developed into an active use that will add to the tax base and improve the quality of life for the community. This Project is located within an area designated for revitalization by the Town.

D. Mixed Use Compact Development:

Future planning and development should assure the availability of a range of choices in housing and affordability, employment, education transportation and other essential services to encourage a jobs/housing balance and vibrant community-based workforce**.**

(Addresses SG Law criteria e and i: to foster mixed land uses and compact development, downtown revitalization, brownfield redevelopment, the enhancement of beauty in public spaces, the diversity and affordability of housing in proximity to places of employment, recreation and commercial development and the integration of all income groups; to ensure predictability in building and land use codes.)

1. Will this project foster mixed land uses?

   Yes ☒ **No** ☐ **N/A** ☐

2. Will the project foster brownfield redevelopment?

   Yes ☒ **No** ☐ **N/A** ☐

3. Will this project foster enhancement of beauty in public spaces?

   Yes ☒ **No** ☐ **N/A** ☐

4. Will the project foster a diversity of housing in proximity to places of employment and/or recreation?

   Yes ☒ **No** ☐ **N/A** ☐

5. Will the project foster a diversity of housing in proximity to places of commercial development and/or compact development?

   Yes ☒ **No** ☐ **N/A** ☐

6. Will this project foster integration of all income groups and/or age groups?

   Yes ☒ **No** ☐ **N/A** ☐

7. Will the project ensure predictability in land use codes?

   Yes ☒ **No** ☐ **N/A** ☐

8. Will the project ensure predictability in building codes?

   Yes ☐ **No** ☐ **N/A** ☒

Explain: (use this space to expand on your answers above)

The Project will lead to further residential and commercial development as it is an important component in the revitalization of the Hamlets downtown area. By improving Route 11, Riverfront Park, and by completing other future improvements within the Hamlet, it is anticipated that new businesses may seek out the community and relocate to an aesthetically pleasing hamlet that already has infrastructure in place, therefore minimizing the potential for sprawl. All improvements are expected to be available to all income and age groups. In addition, the Project is in keeping with the Towns goal of making this a walkable community with better service for those that are disabled or

elderly. It is anticipated that this Project will reinforce the land uses within the corridor. Generally, this corridor is focused on commercial establishments with residential uses scattered along the corridor and located along side streets that intersect Route 11.

E. Transportation and Access:

NYSDOT recognizes that Smart Growth encourages communities to offer a wide range of transportation options, from walking and biking to transit and automobiles, which increase people's access to jobs, goods, services, and recreation**.**

(Addresses SG Law criterion f**:** to provide mobility through transportation choices including improved public transportation and reduced automobile dependency.)

1. Will this project provide public transit?

   Yes ☐ **No** ☐ **N/A** ☒

2. Will this project enable reduced automobile dependency?

   Yes ☒ **No** ☐ **N/A** ☐

3. Will this project improve bicycle and pedestrian facilities (such as shoulder widening to provide for on-road bike lanes, lane striping, crosswalks, new or expanded sidewalks or new/improved pedestrian signals)?

   Yes ☒ **No** ☐ **N/A** ☐

   (Note: Question 3 is an expansion on question 2. The recently passed Complete Streets legislation requires that consideration be given to complete street design features in the planning, design, construction, reconstruction and rehabilitation, but not including resurfacing, maintenance, or pavement recycling of such projects.)

   Explain: (use this space to expand on your answers above)

While public transportation (via bus service) is not part of the Project, all current facilities will be maintained. it is anticipated that automobile dependency will be reduced within the Project area by improving the streetscape so that it will have safe and adequate walkways, and an improved experience for cyclists. Route 11 is dominated by vehicular traffic; by providing safe and improved pedestrian/bike access, it is intended that there will be a decrease in vehicular use for those visiting the downtown area. It will also help promote walking/biking to nearby Riverfront Park and Library. It is envisioned that those visiting the Route 11 corridor will begin to enjoy their surroundings and want to begin exploring the community using non-motorized means of transportation.

F. Coordinated, Community-Based Planning:

Past experience has shown that early and continuing input in the transportation planning process leads to better decisions and more effective use of limited resources. For information on community based planning efforts, the MPO may be a good resource if the project is located within the MPO planning area.

(Addresses SG Law criteria g and h: to coordinate between state and local government and inter-municipal and regional planning; to participate in community based planning and collaboration.)

1. Has there been participation in community-based planning and collaboration on the project?

   Yes ☒ **No** ☐ **N/A** ☐

2. Is the project consistent with local plans?

   Yes ☒ **No** ☐ **N/A** ☐

3. Is the project consistent with county, regional, and state plans?

   Yes ☒ **No** ☐ **N/A** ☐

4. Has there been coordination between inter-municipal/regional planning and state planning on the project?

   Yes ☒ **No** ☐ **N/A** ☐

Explain: (use this space to expand on your answers above)

The public has been a part of the planning and design process since the initiation of the revitalization effort. Public meetings and Steering Committee meetings have been completed. The Project aligns with two of the CNY Strategic Plan initiatives; "Revitalize our Region's Urban Cores, Main Streets, and Neighborhoods" and "Region-Wide Waterfront Revitalization Strategy." The Project also address goals identified in the Hamlet of Brewerton Revitalization Strategy.

There has been coordination between the Town, NYS Department of State, NYS Department of Transportation, and Canal Corp.

G. Stewardship of Natural and Cultural Resources:

Clean water, clean air and natural open land are essential elements of public health and quality of life for New York State residents, visitors, and future generations. Restoring and protecting natural assets, and open space, promoting energy efficiency, and green building, should be incorporated into all land use and infrastructure planning decisions.

(Addresses SG Law criterion d :To protect, preserve and enhance the State's resources, including agricultural land, forests surface and ground water, air quality, recreation and open space, scenic areas and significant historic and archeological resources.)

1. Will the project protect, preserve, and/or enhance agricultural land and/or forests?

   Yes ☐ **No** ☐ **N/A** ☒

2. Will the project protect, preserve, and/or enhance surface water and/or groundwater?

   Yes ☒ **No** ☐ **N/A** ☐

3. Will the project protect, preserve, and/or enhance air quality?

   Yes ☒ **No** ☐ **N/A** ☐

4. Will the project protect, preserve, and/or enhance recreation and/or open space?

   Yes ☒ **No** ☐ **N/A** ☐

5. Will the project protect, preserve, and/or enhance scenic areas?

   Yes ☒ **No** ☐ **N/A** ☐

6. Will the project protect, preserve, and/or enhance historic and/or archeological resources?

   Yes ☒ **No** ☐ **N/A** ☐

Explain: (use this space to expand on your answers above)

The Project will improve surface and ground water quality through the use green infrastructure (where appropriate) and by minimizing runoff from adjacent properties onto (due to lack of roadway curbs). The Project will in a small part improve air quality as the corridor is envisioned to be multi-modal, reducing gas emissions. In addition, the Project was designed to take into account archeological resources.

Smart Growth Impact Statement (STEP 2)

NYSDOT: Complete a Smart Growth Impact Statement (SGIS) below using the information from the Screening Tool.

Local Sponsors: The local sponsors are **not** responsible for completing a Smart Growth Impact Statement. Proceed to **Step 3**.

Smart Growth Impact Statement

PIN:

Project Name:

Pursuant to ECL Article 6, this project is compliant with the New York State Smart Growth Public Infrastructure Policy Act. This project has been determined to meet the relevant criteria, to the extent practicable, described in ECL Sec. 6-0107. Specifically, the project:

-
-
-
-
-
-

This publically supported infrastructure project complies with the state policy of maximizing the social, economic and environmental benefits from public infrastructure development. The project will not contribute to the unnecessary costs of sprawl development, including environmental degradation, disinvestment in urban and suburban communities, or loss of open space induced by sprawl.

Review & Attestation Instructions (STEP 3)

Local Sponsors: Once the Smart Growth Screening Tool is completed, the next step is to submit the project certification statement (Section A) to Responsible Local Official for signature. After signing the document, the completed Screening Tool and Certification statement should be sent to NYSDOT for review as noted below.

NYSDOT: For state-let projects, the Screening Tool and SGIS is forwarded to Regional Director/ RPPM/Main Office Program Director or designee for review, and upon approval, the attestation is signed (Section B.2). For locally administered projects, the sponsor's submission and certification statement is reviewed by NYSDOT staff, the appropriate box (Section B.1) is checked, and the attestation is signed (Section B.2).

A. CERTIFICATION (LOCAL PROJECT)

I HEREBY CERTIFY, to *the best of my knowledge, all of the above to be true and correct.*

Preparer of this document:

John W. Guariglia — Signature

5/7/2020 — Date

Associate Principal — Title

John W. Guariglia — Printed Name

Responsible Local Official (for local projects):

William H. Meyer Jr — Signature

6-2-2020 — Date

Town Supervisor — Title

William H. Meyer, Jr — Printed Name

B. ATTESTATION (NYSDOT)

1. ***I HEREBY:***

☒ *Concur with the above certification, thereby attesting that this project is in compliance with the State Smart Growth Public Infrastructure Policy Act*

☐ *Concur with the above certification, with the following conditions (information requests, confirming studies, project modifications, etc.):*

(Attach additional sheets as needed)

☐ do not concur with the above certification, thereby deeming this project ineligible to be a recipient of State funding or a subrecipient of Federal funding in accordance with the State Smart Growth Public Infrastructure Policy Act.

2. ***NOW THEREFORE,*** pursuant to ECL Article 6, this project is compliant with the New York State Smart Growth Public Infrastructure Policy Act, to the extent practicable, as described in the attached Smart Growth Impact Statement.

NYSDOT Commissioner, Regional Director, MO Program Director,
Regional Planning & Programming Manager (or official designee):

Douglas K Mills

Signature

9/15/2020

Date

RLPL/PE1

Title

Douglas K Mills

Printed Name

SARATOGA ASSOCIATES

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ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

ONONDAGA COUNTY
THE BREWERTON REVITALIZATION PROJECT- US ROUTE 11 - ALTERNATE 2
TOWN OF CICERO **December 2019**
PIN 375495

NYSDOT ITEM NO.	DESCRIPTION	UNITS	QUANITY	UNIT COST	TOTAL
202.19	REMOVING EXISTING SUBSTRUCTURES	LS	1	$45,800.00	$45,800.00
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	150	$50.00	$7,500.00
206.02	TRENCH AND CULVERT EXCAVATION	CY	200	$25.00	$5,000.00
206.03	CONDUIT EXCAVATION AND BACKFILL	CY	250	$25.00	$6,250.00
207.12	GEOTEXTILE DRAINAGE	SY	850	$8.00	$6,800.00
207.14	GEOTEXTILE STABILIZATION	SY	1950	$8.00	$15,600.00
209.08	SILT FENCE	LF	200	$10.00	$2,000.00
304.14	SUBBASE COURSE TYPE 4	CY	350	$35.00	$12,250.00
403.138902	HOT MIX ASPHALT, TYPE 3 BINDER COURSE	SY	150	$25.00	$3,750.00
403.198902	HOT MIX ASPHALT, TYPE 7 TOP COURSE	SY	150	$15.00	$2,250.00
407.0101	TACK COAT	LS	1	$1,000.00	$1,000.00
555.0105	FOOTING CONCRETE CLASS A	CY	5	$525.00	$2,625.00
603.98	SMOOTH INTERIOR HDPE PIPE (12")	LF	310	$25.00	$7,750.00
604.30	RECTANGULAR DRAINAGE STRUCTURE	EA	6	$3,500.00	$21,000.00
604.50	SPECIAL DRAINAGE STRUCTURE (CDS UNIT)	EA	2	$35,000.00	$70,000.00
605.0901	UNDERDRAIN FILTER, TYPE 1	CY	75	$45.00	$3,375.00
605.15	PERFORATED HDPE UNDERDRAIN (4")	LF	1950	$15.00	$29,250.00
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	90	$500.00	$45,000.00
608.12	PRECAST CONCRETE BLOCK SIDEWALKS	SY	1010	$125.00	$126,250.00
609.02	GRANITE CURB	LF	1800	$35.00	$63,000.00
610.0203	ESTABLISHING TURF	SY	700	$5.00	$3,500.00
611.01	PLANTING-MAJOR DECIDUOUS TREES	EA	20	$1,000.00	$20,000.00
611.06	PLANTING-VINES AND GROUNDCOVERS	EA	200	$25.00	$5,000.00
613.0101	TOPSOIL	CY	50	$25.00	$1,250.00
619.01	BASIC MAINTENANCE & PROTECTION OF TRAFFIC	LS	1	$20,000.00	$20,000.00
619.02	CONSTRUCTION SIGNS	LS	1	$2,500.00	$2,500.00
625.01	SURVEY OPERATIONS	LS	1	$5,000.00	$5,000.00
640.10	DURATHURM CROSSWALKS	EA	12	$3,500.00	$42,000.00
645.71	GROUND MOUNTED SIGN PANEL	EA	6	$500.00	$3,000.00
645.81	TYPE A SIGN POSTS	EA	6	$350.00	$2,100.00
655.0101	FRAMES AND GRATES	EA	6	$1,200.00	$7,200.00
661.01	LIGHTING FIXTURES AND POLES	EA	30	$3,500.00	$105,000.00
661.02	LIGHTING CONDUIT AND WIRING	LF	1500	$12.00	$18,000.00
661.03	LIGHTING CONNECTION TO POWER SOURCE	EA	1	$2,500.00	$2,500.00
699.040001	MOBILIZATION	LS	1	$40,000.00	$40,000.00
700.01	SITE FURNISHINGS-BENCHES	EA	20	$1,200.00	$24,000.00
700.02	SITE FURNISHINGS-TRASH RECEPTACLES	EA	2	$1,000.00	$2,000.00
	SUBTOTAL CONSTRUCTION COST				**$779,500.00**
	10% CONTINGENCY				**$77,950.00**
	5% FIELD ALLOWANCE				**$38,975.00**
	5% ESCALATION				**$38,975.00**
	TOTAL CONSTRUCTION COST				**$935,400.00**

SARATOGA ASSOCIATES

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ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

ONONDAGA COUNTY
THE BREWERTON REVITALIZATION PROJECT- US ROUTE 11 - ALTERNATIVE 3
TOWN OF CICERO **December 2019**
PIN 375495

NYSDOT ITEM NO.	DESCRIPTION	UNITS	QUANITY	UNIT COST	TOTAL
202.19	REMOVING EXISTING SUBSTRUCTURES	LS	1	$45,800.00	$45,800.00
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	150	$50.00	$7,500.00
206.02	TRENCH AND CULVERT EXCAVATION	CY	200	$25.00	$5,000.00
207.12	GEOTEXTILE DRAINAGE	SY	800	$8.00	$6,400.00
207.14	GEOTEXTILE STABILIZATION	SY	1100	$8.00	$8,800.00
209.08	SILT FENCE	LF	100	$10.00	$1,000.00
304.14	SUBBASE COURSE TYPE 4	CY	225	$35.00	$7,875.00
403.138902	HOT MIX ASPHALT, TYPE 3 BINDER COURSE	SY	150	$25.00	$3,750.00
403.198902	HOT MIX ASPHALT, TYPE 7 TOP COURSE	SY	150	$15.00	$2,250.00
407.0101	TACK COAT	LS	1	$1,000.00	$1,000.00
555.0105	FOOTING CONCRETE CLASS A	CY	5	$525.00	$2,625.00
603.98	SMOOTH INTERIOR HDPE PIPE (12")	LF	310	$25.00	$7,750.00
604.30	RECTANGULAR DRAINAGE STRUCTURE	EA	6	$3,500.00	$21,000.00
604.50	SPECIAL DRAINAGE STRUCTURE (CDS UNIT)	EA	2	$25,000.00	$50,000.00
605.0901	UNDERDRAIN FILTER, TYPE 1	CY	70	$45.00	$3,150.00
605.15	PERFORATED HDPE UNDERDRAIN (4")	LF	1800	$15.00	$27,000.00
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	115	$500.00	$57,500.00
609.02	GRANITE CURB	LF	1800	$35.00	$63,000.00
610.0203	ESTABLISHING TURF	SY	250	$5.00	$1,250.00
613.0101	TOPSOIL	CY	25	$25.00	$625.00
619.01	BASIC MAINTENANCE & PROTECTION OF TRAFFIC	LS	1	$15,000.00	$15,000.00
619.02	CONSTRUCTION SIGNS	LS	1	$2,500.00	$2,500.00
625.01	SURVEY OPERATIONS	LS	1	$5,000.00	$5,000.00
640.10	WHITE PAINT REFLECTORIZED PAVEMENT STRIPES	LS	1	$4,000.00	$4,000.00
645.71	GROUND MOUNTED SIGN PANEL	EA	6	$500.00	$3,000.00
645.81	TYPE A SIGN POSTS	EA	6	$350.00	$2,100.00
655.0101	FRAMES AND GRATES	EA	6	$1,000.00	$6,000.00
699.040001	MOBILIZATION	LS	1	$20,000.00	$20,000.00
	SUBTOTAL CONSTRUCTION COST				**$380,875.00**
	10% CONTINGENCY				**$38,087.50**
	5% FIELD ALLOWANCE				**$19,043.75**
	5% ESCALATION				**$19,043.75**
	TOTAL CONSTRUCTION COST				**$457,050.00**

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ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

ONONDAGA COUNTY
THE BREWERTON REVITALIZATION PROJECT-RIVERFRONT PARK ALTERNATIVE 2
TOWN OF CICERO **June 2019**
PIN 375495

NYSDOT ITEM NO.	DESCRIPTION	UNITS	QUANITY	UNIT COST	TOTAL
202.19	REMOVING EXISTING SUBSTRUCTURES	LS	1	$10,000.00	$10,000.00
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	700	$35.00	$24,500.00
206.02	TRENCH AND CULVERT EXCAVATION	CY	250	$18.00	$4,500.00
206.03	CONDUIT EXCAVATION AND BACKFILL	CY	100	$15.00	$1,500.00
207.14	GEOTEXTILE STABILIZATION	SY	940	$10.00	$9,400.00
207.22	GEOTEXTILE DRAINAGE	SY	820	$10.00	$8,200.00
209.08	SILT FENCE/EROSION CONTROL	LS	1	$5,000.00	$5,000.00
304.12	SUBBASE COURSE TYPE 2	CY	320	$25.00	$8,000.00
403.138902	HOT MIX ASPHALT, TYPE 3 BINDER COURSE	SY	940	$16.00	$15,040.00
403.198902	HOT MIX ASPHALT, TYPE 7 TOP COURSE	SY	940	$12.00	$11,280.00
420.5019011	POROUS HOT MIX ASPHALT, F9 TOP COURSE	SY	760	$16.00	$12,160.00
420.7019011	POROUS HOT MIX ASPHALT, F9 BINDER COURSE	SY	760	$20.00	$15,200.00
555.0105	FOOTING CONCRETE CLASS A	CY	10	$450.00	$4,500.00
603.98	SMOOTH INTERIOR HDPE PIPE	LF	200	$25.00	$5,000.00
604.30	RECTANGULAR DRAINAGE STRUCTURE	EA	5	$3,500.00	$17,500.00
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	55	$450.00	$24,750.00
608.12	PRECAST CONCRETE BLOCK SIDEWALKS	SY	50	$125.00	$6,250.00
609.0202	STONE CURB GRANITE TYPE B	LF	710	$40.00	$28,400.00
610.1101	SHREDDED BARK MULCH	CY	100	$35.00	$3,500.00
610.1403	TOPSOIL - LAWNS	CY	100	$25.00	$2,500.00
610.1403	TOPSOIL - SPECIAL PLANTING MIX	CY	40	$35.00	$1,400.00
610.1602	TURF ESTABLISHMENT - LAWNS	SY	1000	$5.00	$5,000.00
611.01	PLANTING-MAJOR DECIDUOUS TREES	EA	8	$1,000.00	$8,000.00
611.02	PLANTING-MINOR DECIDUOUS TREES	EA	5	$500.00	$2,500.00
611.04	PLANTING-DECIDUOUS SHRUBS	EA	150	$50.00	$7,500.00
619.01	BASIC MAINTENANCE & PROTECTION OF TRAFFIC	LS	1	$10,000.00	$10,000.00
619.02	CONSTRUCTION SIGNS	LS	1	$2,500.00	$2,500.00
623.12	#2 CRUSHED STONE	CY	255	$35.00	$8,925.00
625.01	SURVEY OPERATIONS	LS	1	$5,000.00	$5,000.00
645.71	GROUND MOUNTED SIGN PANEL	EA	6	$500.00	$3,000.00
645.81	TYPE A SIGN POSTS	EA	6	$350.00	$2,100.00
655.0101	FRAMES AND GRATES	EA	5	$1,000.00	$5,000.00
661.01	LIGHTING FIXTURES AND POLES	EA	8	$3,500.00	$28,000.00
661.02	LIGHTING CONDUIT AND WIRING	LF	450	$12.00	$5,400.00
661.03	LIGHTING BOLLARDS	EA	11	$1,500.00	$16,500.00
661.04	LIGHTING CONNECTION TO POWER SOURCE	EA	1	$2,500.00	$2,500.00
663.08	STEEL WATER SERVICE PIPE	LF	200	$30.00	$6,000.00
663.10	RESILIENT WEDGE VALVE AND VALVE BOX	EA	2	$600.00	$1,200.00
663.25	WATER SERVICE CONNECTION	EA	1	$1,500.00	$1,500.00
664-01	6" PVC SANITARY SEWER PIPE	LF	215	$25.00	$5,375.00
NA	SANITARY LIFT STATION	EA	1	$7,500.00	$7,500.00
699.040001	MOBILIZATION	LS	1	$50,000.00	$50,000.00
700.05	PAVILION	SF	1300	$150.00	$195,000.00
NA	ELECTRICAL SERVICE TO PAVILION	LS	1	$10,000.00	$10,000.00
NA	GAS SERVICE TO PAVILION	LS	1	$12,000.00	$12,000.00
	SUBTOTAL CONSTRUCTION COST				**$619,080.00**
	10% CONTINGENCY				**$61,908.00**
	5% ESCALATION				**$30,954.00**
	TOTAL CONSTRUCTION COST				**$711,942.00**

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ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COST

ONONDAGA COUNTY
THE BREWERTON REVITALIZATION PROJECT-RIVERFRONT PARK ALTERNATIVE 3
TOWN OF CICERO **June 2019**
PIN 375495

NYSDOT ITEM NO.	DESCRIPTION	UNITS	QUANITY	UNIT COST	TOTAL
202.19	REMOVING EXISTING SUBSTRUCTURES	LS	1	$5,000.00	$5,000.00
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	700	$35.00	$24,500.00
206.03	CONDUIT EXCAVATION AND BACKFILL	CY	50	$15.00	$750.00
207.14	GEOTEXTILE STABILIZATION	SY	1600	$7.00	$11,200.00
209.08	SILT FENCE/EROSION CONTROL	LS	1	$5,000.00	$5,000.00
304.12	SUBBASE COURSE TYPE 2	CY	535	$25.00	$13,375.00
403.138902	HOT MIX ASPHALT, TYPE 3 BINDER COURSE	SY	1600	$16.00	$25,600.00
403.198902	HOT MIX ASPHALT, TYPE 7 TOP COURSE	SY	1600	$12.00	$19,200.00
555.0105	FOOTING CONCRETE CLASS A	CY	5	$450.00	$2,250.00
603.98	SMOOTH INTERIOR HDPE PIPE (12")	LF	200	$25.00	$5,000.00
604.30	RECTANGULAR DRAINAGE STRUCTURE	EA	3	$3,500.00	$10,500.00
604.50	SPECIAL DRAINAGE STRUCTURE (control structure)	EA	1	$5,000.00	$5,000.00
604.52	SPECIAL DRAINAGE STRUCTURE (water quality unit)	EA	1	$5,000.00	$5,000.00
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY	20	$450.00	$9,000.00
610.0203	ESTABLISHING TURF	SY	1000	$5.00	$5,000.00
613.0101	TOPSOIL	CY	50	$25.00	$1,250.00
619.01	BASIC MAINTENANCE & PROTECTION OF TRAFFIC	LS	1	$5,000.00	$5,000.00
619.02	CONSTRUCTION SIGNS	LS	1	$2,500.00	$2,500.00
625.01	SURVEY OPERATIONS	LS	1	$3,500.00	$3,500.00
645.71	GROUND MOUNTED SIGN PANEL	EA	6	$500.00	$3,000.00
645.81	TYPE A SIGN POSTS	EA	6	$350.00	$2,100.00
655.0101	FRAMES AND GRATES	EA	3	$1,000.00	$3,000.00
661.01	LIGHTING FIXTURES AND POLES	EA	5	$3,500.00	$17,500.00
661.02	LIGHTING CONDUIT AND WIRING	LF	350	$12.00	$4,200.00
661.04	LIGHTING CONNECTION TO POWER SOURCE	EA	1	$2,500.00	$2,500.00
699.040001	MOBILIZATION	LS	1	$10,000.00	$10,000.00
	SUBTOTAL CONSTRUCTION COST				**$200,925.00**
	10% CONTINGENCY				**$20,092.50**
	5% ESCALATION				**$20,092.50**
	TOTAL CONSTRUCTION COST				**$241,110.00**

SARATOGA ASSOCIATES

Landscape Architects, Architects,
Engineers, and Planners, P.C.

May 4, 2017

Mr. Mark Venesky, Supervisor
Town of Cicero
8236 Brewerton Road
Cicero, NY 13039

Re: Hamlet of Brewerton Revitalization – Section 4(f) Parklands Impact

Dear Mr. Venesky:

As you and the Town Board are aware, the Brewerton Revitalization Project (PIN 375495) includes many enhancements to the Hamlet. Specifically, the improvements include an improved U.S. Route 11 streetscape (e.g. new curbs, sidewalks, street trees, lighting, and bump-outs located at strategic locations), and the upgrade and expansion of Riverfront Park. Improvements to Riverfront Park will consist of the widening to the walkway along the Oneida River pier, benches, lighting, new or improved pedestrian access to the waterfront, a curvilinear path, picnic tables, sidewalks, new vehicular access, improved parking, curbing, landscaping, and a park pavilion. In order to fully meet the intent of the Parks design, the acquisition of two residential parcels (5451 and 5459 Bennett Street) will be required.

Over the last several years, the Town has implemented many improvements using various funding sources. To date, the following construction activities have been completed or will be initiated this summer:

1. Phase 1 construction was completed in 2013 using funds from the Town and Community Development Block Grant program. Improvements included the development of a curvilinear path (constructed using FlexiPave) that connected the existing parking lot and the western edge of the pier walkway, benches, picnic tables, and LED lighting.
2. Phase 2 construction was completed in 2015 using funds from the Town and NYS Department of State Local Waterfront Revitalization Program (LWRP) Environmental Protection Fund (EPF). Improvements included the widening of the pier walkway (now ADA compliant), improved/additional waterfront access ramps and stairs, benches, LED lighting, and a retaining wall.
3. Phase 3 construction was completed in 2016 using funds from the Town, Onondaga County, and LWRP EPF. Improvements during this phase of construction were focused on a portion of Bennett Street. The street is seen as the entry to the Park and a vital connection between U.S. Route 11 and the Park. Improvements included lighting, street trees, new sidewalks, and curbing.
4. Phase 4 construction will be undertaken during 2017. Funds from the Town, County, and LWRP EPF will be used in order to complete the improvements. Construction activities will be a continuation of those improvements started during Phase 3. This effort will provide a direct connection between U.S. Route 11, Riverfront Park (Walnut Street), and the Northern Onondaga Public Library at Brewerton.

The planning and development of the Riverfront Park and U.S. Route 11 improvements has been advanced over the years with coordination by the Town, Saratoga Associates, and NYS Department of Transportation (NYSDOT). Additional efforts are required to finalize and implement the Town approved design plans; coordination with the NYSDOT and Federal Highway Administration (FHWA) will be required for the acquisition of two parcels (5451 and 5459 Bennett Street), finalization of the Design Report and associated studies, and additional construction activities. Riverfront Park construction activities (or portions thereof) funded by FHWA will most likely include the construction of a parking lot, sidewalks, lighting, landscaping, and curbing.

The redevelopment and expansion of Riverfront Park has been discussed and illustrated at numerous public/steering committee meetings and Town Board meetings. The Brewerton Revitalization Project, particularly the redevelopment and expansion of Riverfront Park, has been supported by Canal Corporation, and various funding agencies such as Onondaga County, the U.S. Department of Housing and Urban Development, NYSDOT, New York Department of State, and New York State Parks, Recreation and Historic Preservation (currently, funding is available for the development of the two parcels to be acquired).

Saratoga Associates understands that the Riverfront Park improvements and expansion has been approved by the Town and other stakeholders. The Towns formal concurrence that the proposed Project will not adversely affect the Riverfont Park parkland, which is protected under Section 4(f), or the activities, features, or attributes that qualify the property for protection under Section 4(f) is now needed.

A formal response is required as part of the Project's approval process. If you have any questions or require any additional material, please do not hesitate to contact me.

Very truly yours,
SARATOGA ASSOCIATES
Landscape Architects, Architects, Engineers, and Planners, P.C.



John Guariglia, RLA
Associate Principal

Town Council
Vern Conway, Deputy Supervisor
Mike Becallo
Dick Cushman
Jonathan Karp

Supervisor
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TOWN OF CICERO

COUNTY OF ONONDAGA
8236 Brewerton Road, Cicero, New York 13039 • FAX 315-699-0039 • e-mail: mvenesky@ciceronewyork.net

May 11, 2017

John Guariglia, RLA
Saratoga Associates
109 South Warren Street, Suite 400
Syracuse, New York 13202

Dear Mr. Guariglia,

Thank you for your letter dated May 4, 2017. It is understood that past, current and future construction activities will allow the Town to expand and improve Riverfront Park. As a result of these efforts, the Town will be able to provide the community with a park that features new lighting, picnic tables, improved waterfront access, a path, an additional Park entrance, improved parking, sidewalks, and a small structure. Part of these improvements will be funded by the Federal Highway Administration (FHWA).

The Town Board sees no negative impact on the existing Riverfront Park. The development within the Park and acquisition of the two parcels will provide the opportunity to complete significant enhancements to the Park. Improving and expanding this Park will be a benefit to the local community, visitors, as well as local businesses.

If I may be of further assistance, please feel free to contact me.

Sincerely,

Mark Venesky
Cicero Towen