

TRANSPORTATION PROJECT REPORT

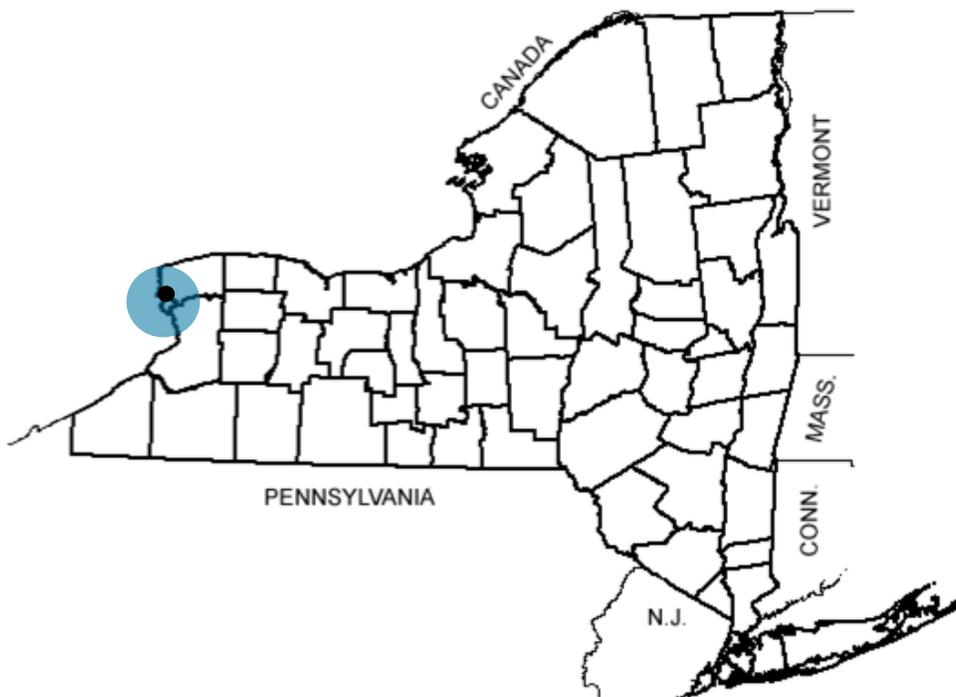
DRAFT DESIGN REPORT / DRAFT ENVIRONMENTAL IMPACT STATEMENT / DRAFT 4(f) EVALUATION

APPENDIX B1

General Environmental Information

November 2016

PIN 5470.22
NYS Route 198 (Scajaquada Expressway Corridor)
Grant Street Interchange to Parkside Avenue Intersection
City of Buffalo
Erie County



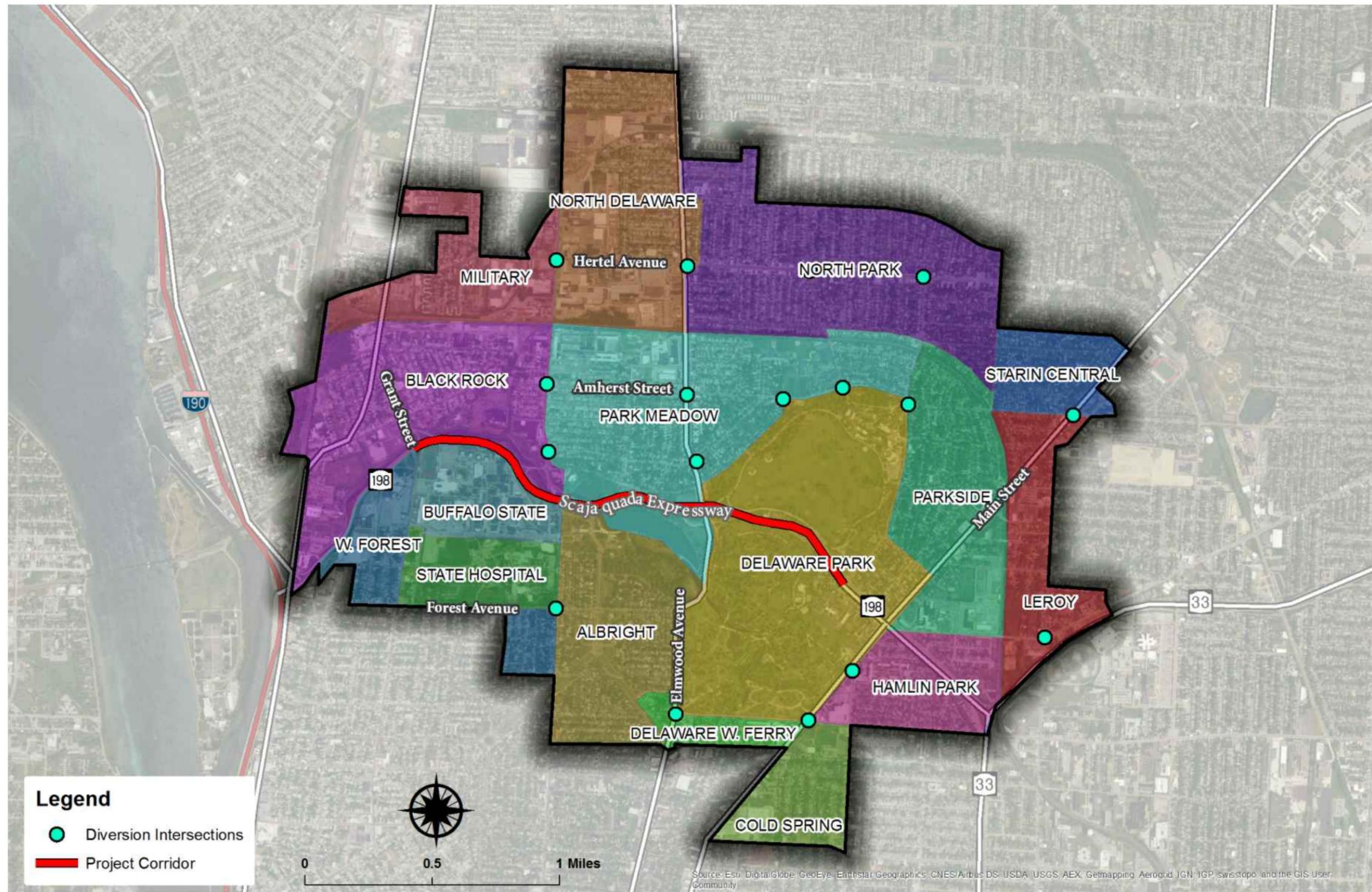
ANDREW M. CUOMO
Governor

Department of
Transportation

MATTHEW J. DRISCOLL
Commissioner

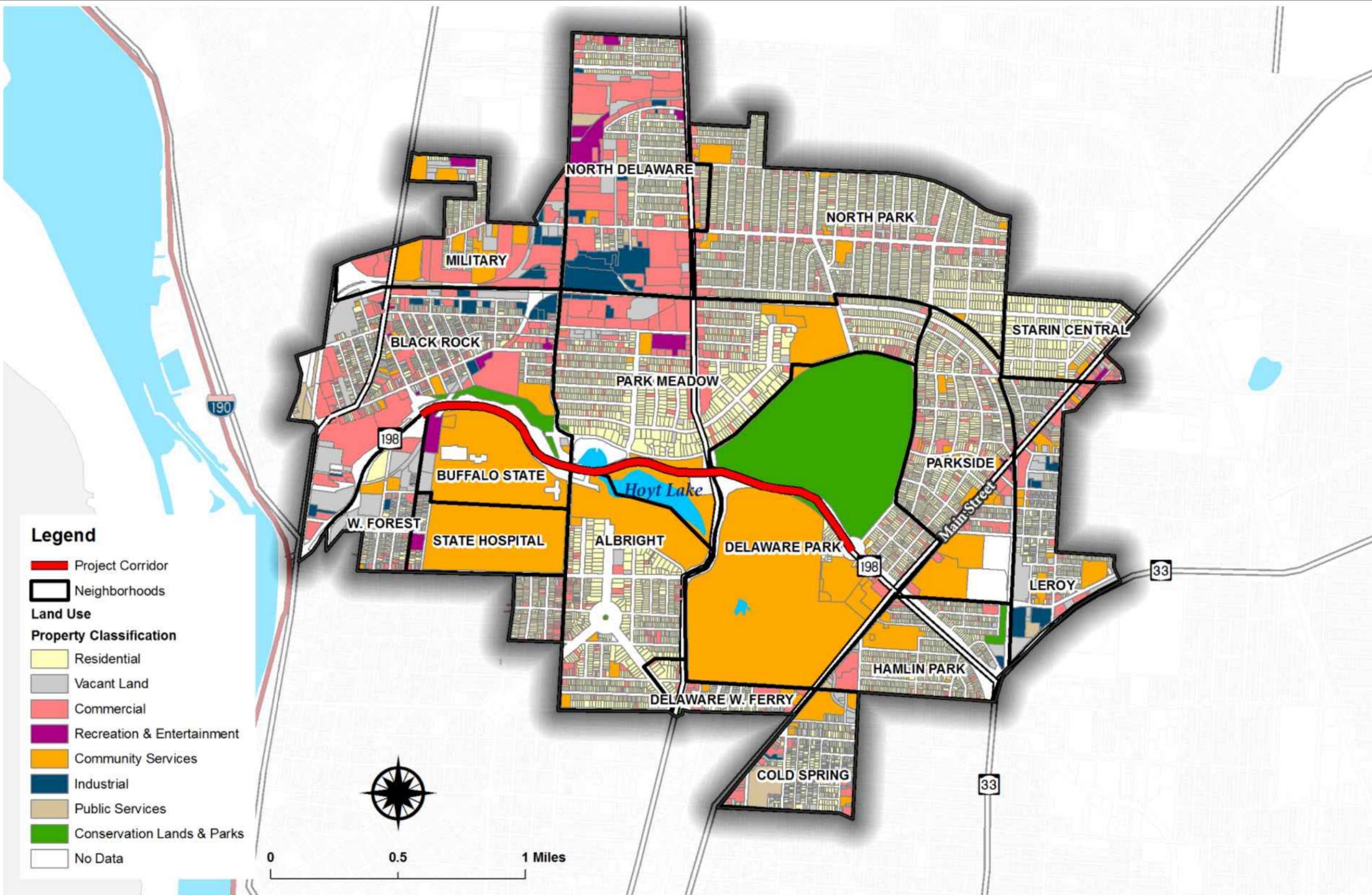


U.S. Department of Transportation
Federal Highway Administration



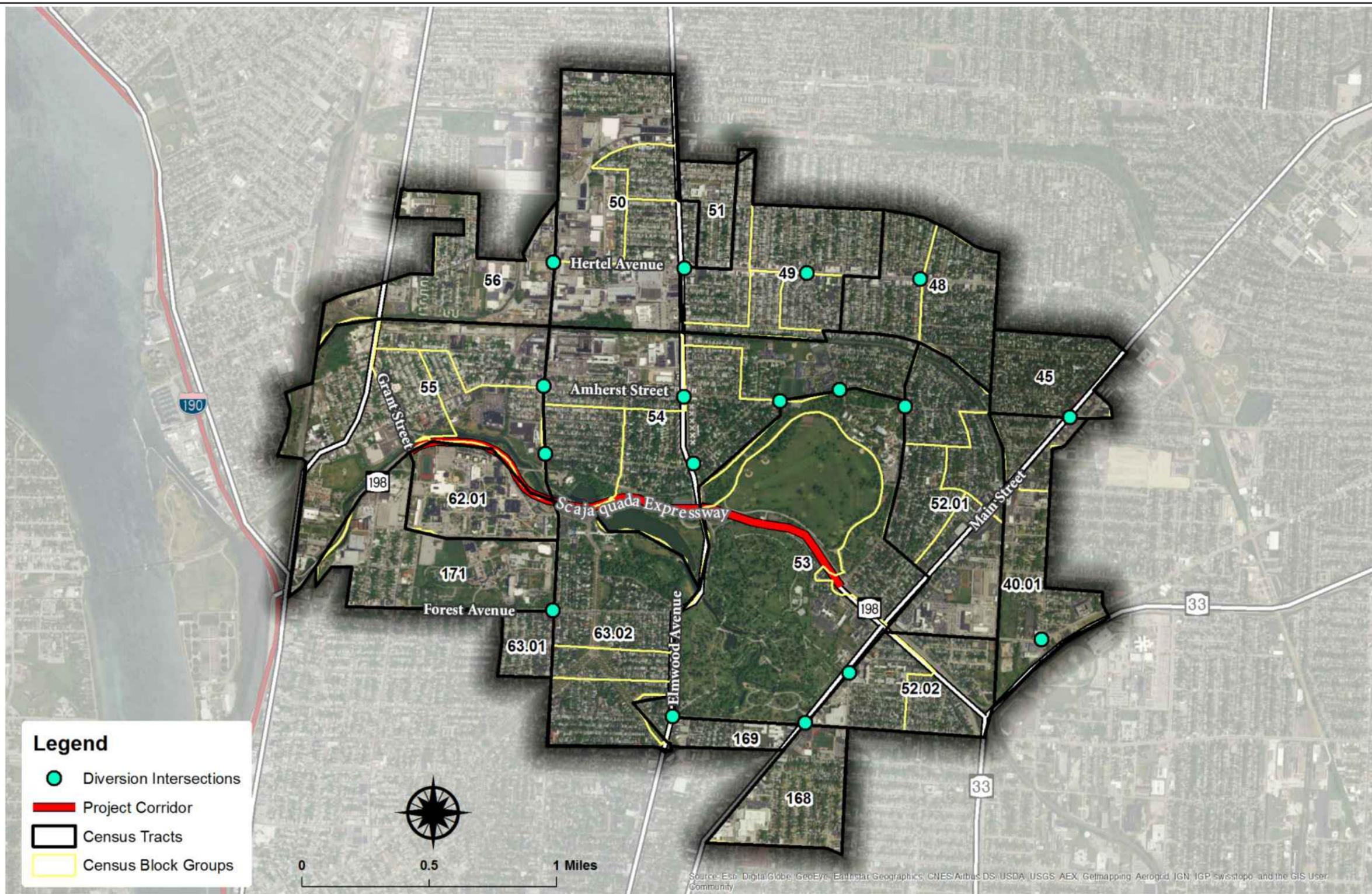
SCLJ_NEIGHBORHOODS_IN_PROJECT_STUDY_AREA.mxd

		
NYS Route 198 (Scajaquada Expressway Corridor) P.I.N. 5470.22		
Exhibit 4.2-1 Neighborhoods in Project Study Area		
SHEET NO. 1 of 1	SCALE N.T.S.	DATE 9/16
		



- Legend**
- █ Project Corridor
 - Neighborhoods
 - Land Use**
 - Property Classification**
 - Residential
 - Vacant Land
 - Commercial
 - Recreation & Entertainment
 - Community Services
 - Industrial
 - Public Services
 - Conservation Lands & Parks
 - No Data

SCALE: LAND USE IN PROJECT STUDY AREA: 1:10,000



Legend

- Diversion Intersections
- Project Corridor
- Census Tracts
- Census Block Groups

0 0.5 1 Miles

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, Swisstopo, and the GIS User Community

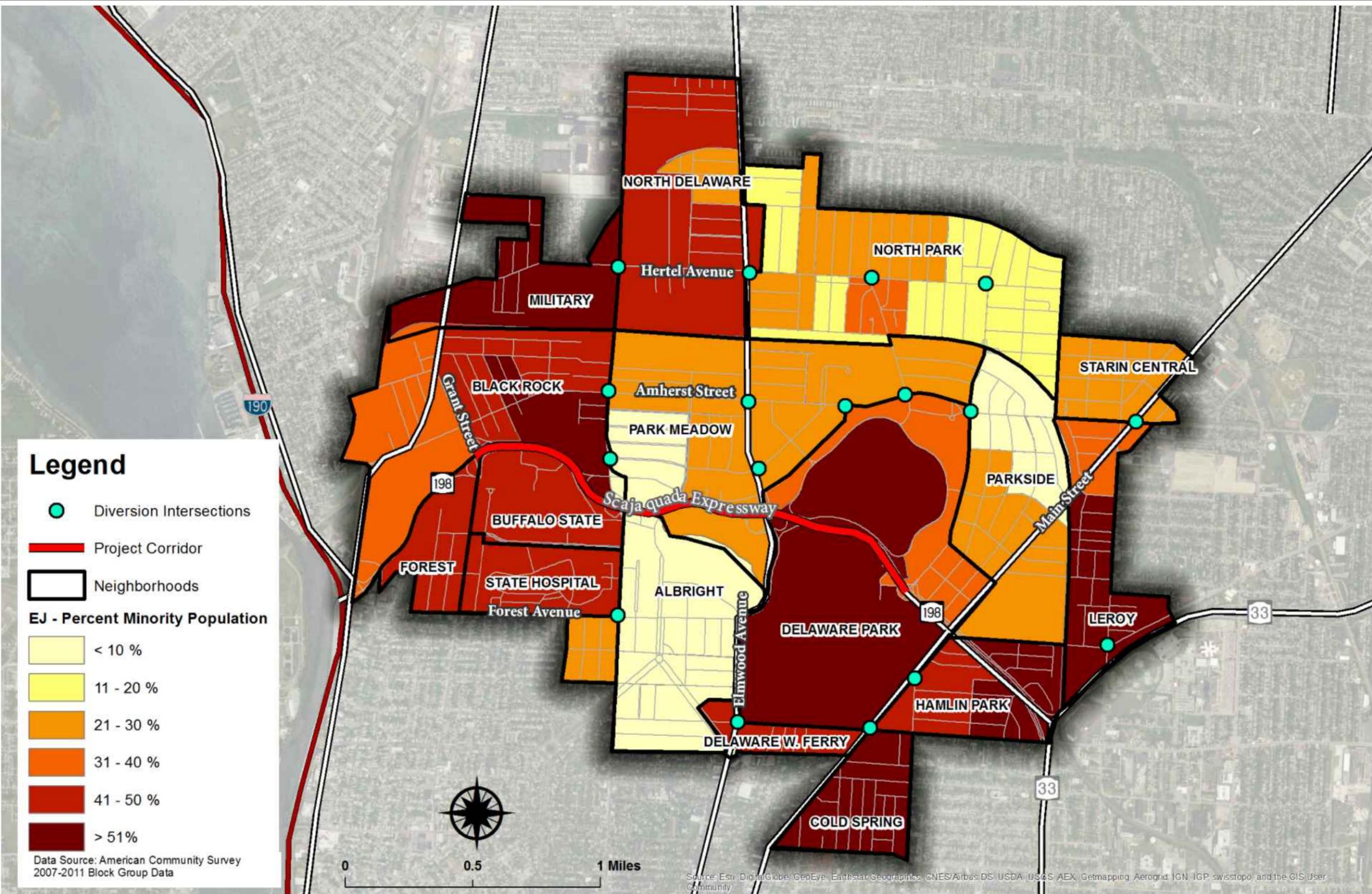


**NYS Route 198
(Scajaquada Expressway Corridor)
P.I.N. 5470.22**

**Exhibit 4.2.3-1
Census Boundaries in
Project Study Area**

SHEET NO. 1 of 1	SCALE N.T.S.	DATE 9/16	
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SCLA_CENSUS_BOUNDARIES_IN_PROJECT_STUDY_AREA.ADCX



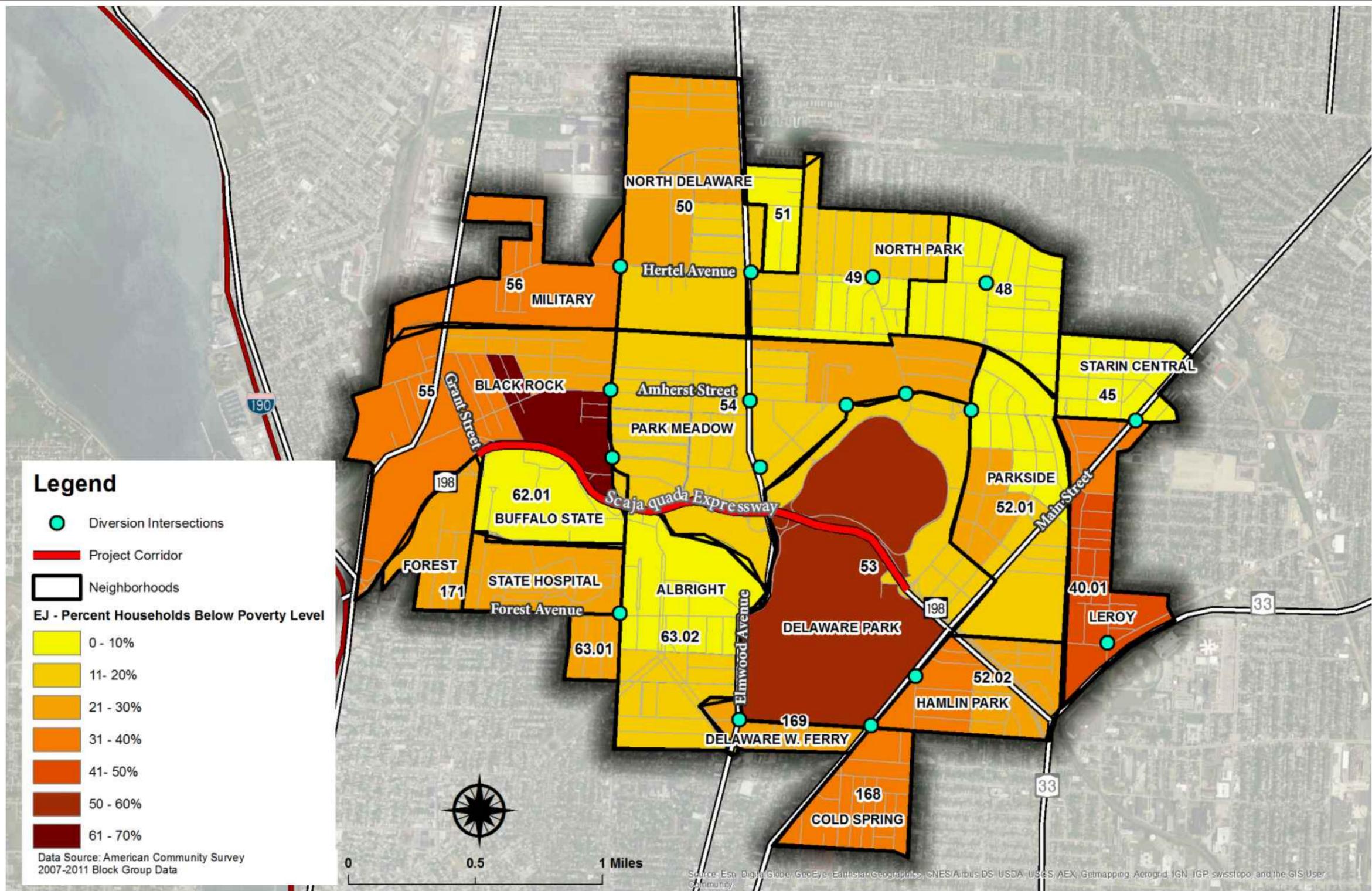
SCALE PERCENT MINORITIES IN PROJECT STUDY AREA LUCK



NYS Route 198
 (Scajaquada Expressway Corridor)
 P.I.N. 5470.22

Exhibit 4.2.3.3-3
 Percent Minorities in
 Project Study Area

SHEET NO. 1 of 1	SCALE N.T.S.	DATE 9/16	
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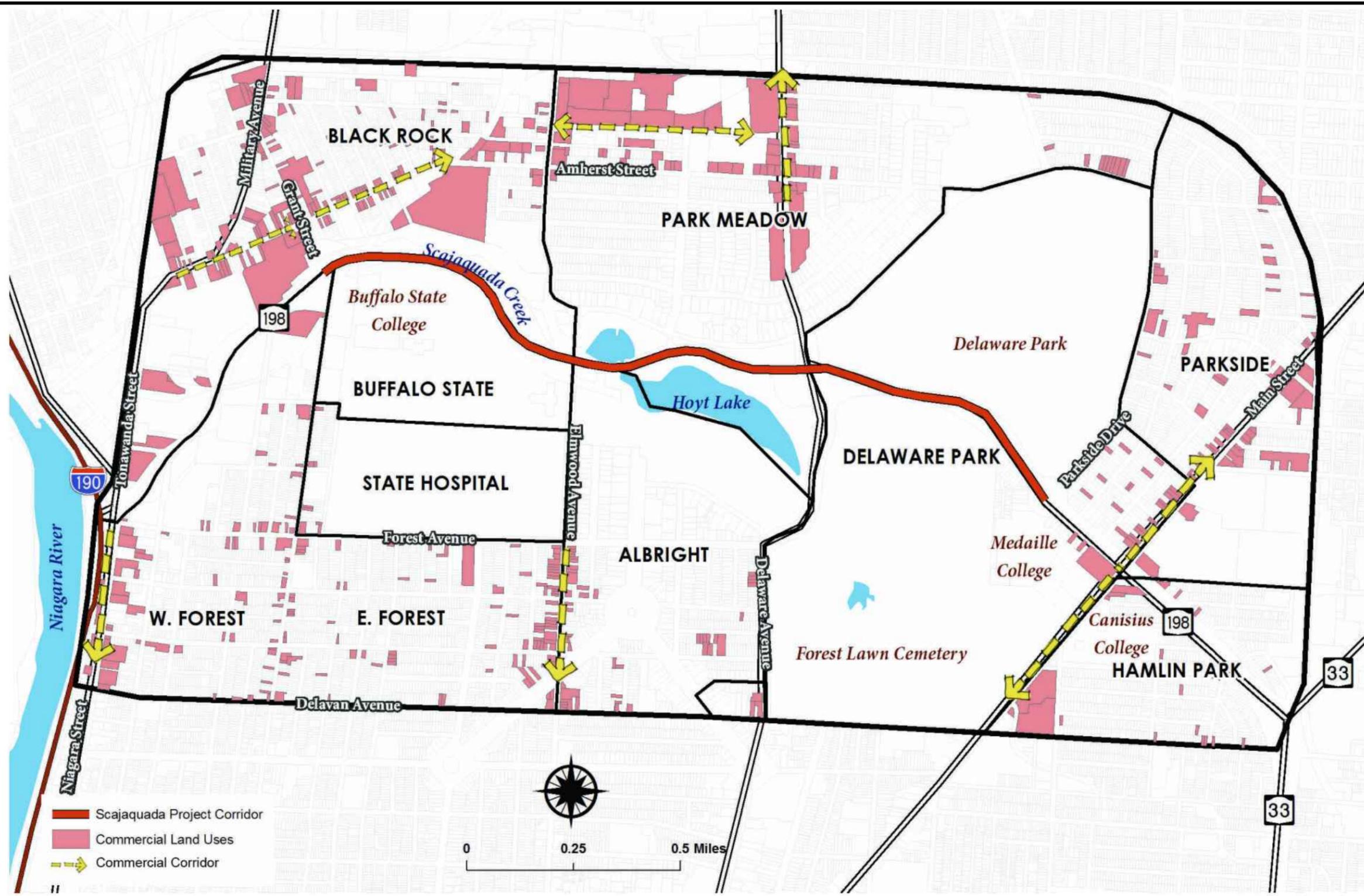
SCL1 PERCENT HOUSEHOLDS BELOW POVERTY LEVEL IN PROJECT STUDY AREA



NYS Route 198
 (Scajaquada Expressway Corridor)
 P.I.N. 5470.22

Exhibit 4.2.3.3-4
Percent Households Below Poverty
Level in Project Study Area

SHEET NO. 1 of 1	SCALE N.T.S.	DATE 9/16	
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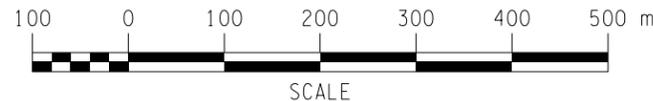


SCALE/EXISTING COMMERCIAL LOCATIONS.DGN

 NEW YORK STATE OF OPPORTUNITY		Department of Transportation
NYS Route 198 (Scajaquada Expressway Corridor) P.I.N. 5470.22		
Exhibit 4.3-1 Existing Commercial Locations in the Project Study Area		
SHEET NO. 1 of 1	SCALE N.T.S.	DATE 9/16
		



SCALE SURFACE WATERS_01.DGN

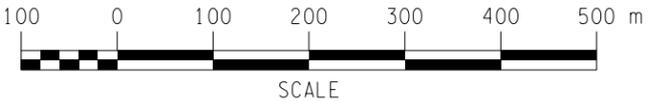


- LEGEND**
- FEDERAL WETLAND AREAS
 - WATERS EDGE
 - 100-YEAR FLOOD PLAIN LIMIT
 - COMBINED SEWER OVERFLOW LOCATIONS

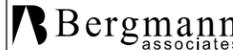
NEW YORK STATE OF OPPORTUNITY Department of Transportation		
NYS Route 198 (Scajaquada Expressway Corridor) P.I.N. 5470.22		
Exhibit 4.4.2-1 Surface Waters		
SHEET NO. 1 of 2	SCALE AS SHOWN	DATE 9/16



SCALE SURFACE WATERS_03.DGN



- LEGEND**
-  FEDERAL WETLAND AREAS
 -  WATERS EDGE
 -  100-YEAR FLOOD PLAIN LIMIT
 -  COMBINED SEWER OVERFLOW LOCATIONS

		
<p align="center">NYS Route 198 (Scajaquada Exp.) Corridor Grant Street to Parkside Avenue P.I.N. 5470.22</p>		
<p align="center">Exhibit 4.4.2-1 Surface Waters</p>		
<p>SHEET NO. 2 of 2</p>	<p>SCALE AS SHOWN</p>	<p>DATE 9/16</p>
		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 9
270 Michigan Avenue, Buffalo, NY 14203-2915
P: (716) 851-7165 | F: (716) 851-7168
www.dec.ny.gov

August 30, 2016

Ms. Virginia Ursitti, QEP
Watts Engineering
95 Perry Street
Buffalo, New York 14203

RECEIVED
SEP 02 2016
WATTS ARCHITECTURE
& ENGINEERING

Dear Ms. Ursitti:

**NYS Route 198 / Scajaquada Expressway
Corridor - Request for Ecological Information
City of Buffalo, Erie County**

The Department has reviewed the project site referenced in your correspondence dated August 15, 2016. The following ecological concerns have been identified for the project area:

1. If the project includes a disturbance to the bed or banks of Scajaquada Creek, Mirror Lake or Hoyt Lake an Article 15 Protection of Waters permit or 401 Water Quality Certification may be required from this Department. The usual restrictive dates for work in these water bodies of water are from April 15 to May 15. The Department's Bureau of Fisheries may have additional concerns depending on the extent or type of work in the water.
2. We have reviewed the available information in the New York State Natural Heritage Program databases on known occurrences of rare or state-listed animals and plants, of significant natural communities, and other significant habitats. No occurrences were found in the vicinity of the project site. For most sites, comprehensive field surveys have not been conducted; the enclosed information 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 environmental impact assessment. No other resources of concern were identified in the review of this project based in the information you have provided.

Thank you for the opportunity to review this project. If you have any questions regarding this letter, please contact Ms. Kerri Pickard-DePriest of my staff or me at 716/851-7165.

Sincerely,



David S. Denk
Regional Permit Administrator

KPD



August 3, 2016

Jeffrey Zappieri, Supervisor of Consistency Review Unit
Office of Planning and Development
New York Department of State
Suite 1010
One Commerce Place, 99 Washington Avenue
Albany, NY 12231-0001

**RE: FEDERAL AID NOTIFICATION – NYS ROUTE 198
SCAJAQUADA EXPRESSWAY CORRIDOR
I-190 TO NYS ROUTE 33, CITY OF BUFFALO
ERIE COUNTY, PIN 5470.22**

Dear Mr. Zappieri:

The Federal Highway Administration (FHWA), in cooperation with New York State Department of Transportation (NYSDOT), is preparing an Environmental Impact Statement (EIS) in accordance with the National Environmental Policy Act and State Environmental Quality Review Act for the NYS Route 198 Corridor Project (Scajaquada Expressway) located between Interstate 190 (I-190) and NYS Route 33 (refer to site location map, enclosed). The project is federally funded and partially located within the New York State Coastal Area. The project is also located within the boundary of the City of Buffalo draft Local Waterfront Revitalization Plan (LWRP). As such, this letter serves as Federal Aid Notification. It is not anticipated that the project will require any federal permits (beyond Nationwide Permits) for work within the Coastal Area. However, a Section 404 Nationwide Permit may be required for work associated with outfall pipes to Scajaquada Creek.

We previously sent you a Federal Aid Notification letter and Coastal Assessment Form (CAF) on May 6, 2014, and received your determination of General Concurrence dated July 2, 2014. Since then, the project has been refined; thus, we are re-initiating coordination with New York State Department of State (NYSDOS) and other Cooperating Agencies. For your information a completed Coastal Assessment Form (CAF) is enclosed.

The purpose of the project is to provide geometric and operational improvements to NYS Route 198 in its current location from the Grant Street interchange to the intersection of Parkside Avenue, including the segment through Delaware Park. These improvements will be made while maintaining local connectivity and a critical transportation link between I-190 and NYS Route 33, and providing enhanced compatibility with adjacent land uses.

For your information, a conceptual plan is enclosed. Two (2) alternatives have been developed for study in the Draft EIS; the No-Build Alternative and Build Alternative. The Build Alternative would involve reconfiguring the existing urban expressway into an urban boulevard, with two (2) travel lanes in each direction between Grant Street and Parkside Avenue, in its current location. Ramps at Grant Street, Elmwood Avenue, and Delaware Avenue would be replaced with connecting roadways. Signalized intersections or roundabouts would be constructed where each connecting roadway meets NYS Route 198. The Build Alternative would accommodate motor vehicles, bicyclists, and pedestrians. Documented deficiencies of the existing drainage system would be repaired. Driver expectation of the facility and its design would be aligned enhancing overall safety. Additional and/or enhanced pedestrian and bicyclist crossing opportunities would be created, at minimum, at Elmwood Avenue, between Iroquois Drive and Mirror Lake, Delaware Avenue, and Parkside Avenue.

Specific work proposed within the Coastal Area would include reconstruction of the roadway with the addition of a landscaped median, removal of existing ramps, construction of new ramps, and a new pedestrian crossing. Construction impacts within the Coastal Area would be minimized through the implementation of appropriate erosion and sediment control practices, which would be included in a Stormwater Pollution Prevention Plan during final design. Overall, the proposed project will provide positive effects on coastal lands and water resources by; decreasing the total amount of paved area, pre-treating stormwater before it enters Scajaquada Creek, improving aesthetics within the park, enhancing the compatibility of the roadway with nearby land uses, providing new recreational opportunities, improving pedestrian connections to existing recreational opportunities, and aligning motorist expectations with the surrounding area. The project is anticipated to be consistent with State Coastal Policies.

Please note that the Scoping Document for the Project, dated May 2016, is available on the project website at <https://www.dot.ny.gov/scajaquadacorridor>.

Based on the above and enclosed information, we respectfully request NYSDOS render a consistency decision indicating whether or not NYSDOS objects to the project. If you have any questions or would like to discuss the project in more detail, please contact David Hill, Design Job Manger, at (716) 847-3229.

Sincerely,



Craig S. Mozrall, P.E.
Special Projects Manager

CSM/KAL/llg

Enclosures: Site Location Map, Conceptual Plan, and Coastal Assessment Form

cc: Robert M. Davies, P.E., District Engineer, FHWA, New York Division
Hans Anker, P.E., Senior Area Engineer, FHWA, New York Division
Daniel P. Hitt, Director, Environmental Science Bureau, NYSDOT

NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Coastal Assessment Form

A. INSTRUCTIONS (Please print or type all answers)

1. State agencies shall complete this CAF for proposed actions which are subject to Part 600 of Title 19 of the NYCRR. This assessment is intended to supplement other information used by a state agency in making a determination of significance pursuant to the State Environmental Quality Review Act (see 6 NYCRR, Part 617). If it is determined that a proposed action will not have a significant effect on the environment, this assessment is intended to assist a state agency in complying with the certification requirements of 19 NYCRR Section 600.4.
2. If any question in Section C on this form is answered "yes", then the proposed action may affect the achievement of the coastal policies contained in Article 42 of the Executive Law. Thus, the action should be analyzed in more detail and, if necessary, modified prior to either (a) making a certification of consistency pursuant to 19 NYCRR Part 600 or, (b) making the findings required under SEQR, 6 NYCRR, Section 617.11, if the action is one for which an environmental impact statement is being prepared. If an action cannot be certified as consistent with the coastal policies, it shall not be undertaken.
3. Before answering the questions in Section C, the preparer of this form should review the coastal policies contained in 19 NYCRR Section 600.5. A proposed action should be evaluated as to its significant beneficial and adverse effects upon the coastal area.

B. DESCRIPTION OF PROPOSED ACTION

1. Type of state agency action (check appropriate response):
(a) Directly undertaken (e.g. capital construction, planning activity, agency regulation, land transaction) X
(b) Financial assistance (e.g. grant, loan, subsidy) _____
(c) Permit, license, certification _____
2. Describe nature and extent of action: Reconstruction of NYS Rt 198 involving reconfiguration of the existing
into an urban boulevard with two travel lanes in each direction between Grant Street and Parkside Avenue in
its current location.
3. Location of action:

<u>Erie</u>	<u>City of Buffalo</u>	<u>NYS Route 198 from Grant St to Parkside Ave</u>
County	City, Town or Village	Street or Site Description
4. If an application for the proposed action has been filed with the state agency, the following information shall be provided:
(a) Name of applicant: New York State Department of Transportation, Region 5, Attn: David Hill
(b) Mailing address: 100 Seneca Street, Buffalo, NY 14203
(c) Telephone Number: Area Code (716) 847-3229
(d) State agency application number: _____
5. Will the action be directly undertaken, require funding, or approval by a federal agency?
Yes X No _____ If yes, which federal agency? Federal Highway Administration

C. COASTAL ASSESSMENT (Check either "YES" or "NO" for each of the following questions)

- | | <u>YES</u> | <u>NO</u> |
|--|------------|-----------|
| 1. Will the proposed activity be <u>located</u> in, or contiguous to, or have a <u>significant effect</u> upon any of the resource areas identified on the coastal area map: | | |
| (a) Significant fish or wildlife habitats? | — | <u>X</u> |
| (b) Scenic resources of statewide significance? | — | <u>X</u> |
| (c) Important agricultural lands? | — | <u>X</u> |
| 2. Will the proposed activity have a <u>significant effect</u> upon: | | |
| (a) Commercial or recreational use of fish and wildlife resources? | — | <u>X</u> |
| (b) Scenic quality of the coastal environment? | — | <u>X</u> |
| (c) Development of future, or existing water dependent uses? | — | <u>X</u> |
| (d) Operation of the State's major ports? | — | <u>X</u> |
| (e) Land and water uses within the State's small harbors? | — | <u>X</u> |
| (f) Existing or potential public recreation opportunities? | — | <u>X</u> |
| (g) Structures, sites or districts of historic, archeological or cultural significance to the State or nation? | — | <u>X</u> |

3. Will the proposed activity involve or result in any of the following:
- (a) Physical alteration of two (2) acres or more of land along the shoreline, land under water or coastal waters? X
 - (b) Physical alteration of five (5) acres or more of land located elsewhere in the coastal area? X
 - (c) Expansion of existing public services of infrastructure in undeveloped or low density areas of the coastal area? X
 - (d) Energy facility not subject to Article VII or VIII of the Public Service Law? X
 - (e) Mining, excavation, filling or dredging in coastal waters? X
 - (f) Reduction of existing or potential public access to or along the shore? X
 - (g) Sale or change in use of state-owned lands located on the shoreline or under water? X
 - (h) Development within a designated flood or erosion hazard area? X
 - (i) Development on a beach, dune, barrier island or other natural feature that provides protection against flooding or erosion? X
4. Will the proposed action be located in or have a significant effect upon an area included in an approved Local Waterfront Revitalization Program? X

D. SUBMISSION REQUIREMENTS

If any question in Section C is answered "Yes", AND either of the following two conditions is met:

Section B.1(a) or B.1(b) is checked; or
 Section B.1(c) is checked AND B.5 is answered "Yes",

THEN a copy of this completed Coastal Assessment Form shall be submitted to:

New York State Department of State
 Office of Coastal, Local Government and Community Sustainability
 One Commerce Plaza
 99 Washington Avenue, Suite 1010
 Albany, New York 12231-0001

If assistance or further information is needed to complete this form, please call the Department of State at (518) 474-6000.

E. REMARKS OR ADDITIONAL INFORMATION

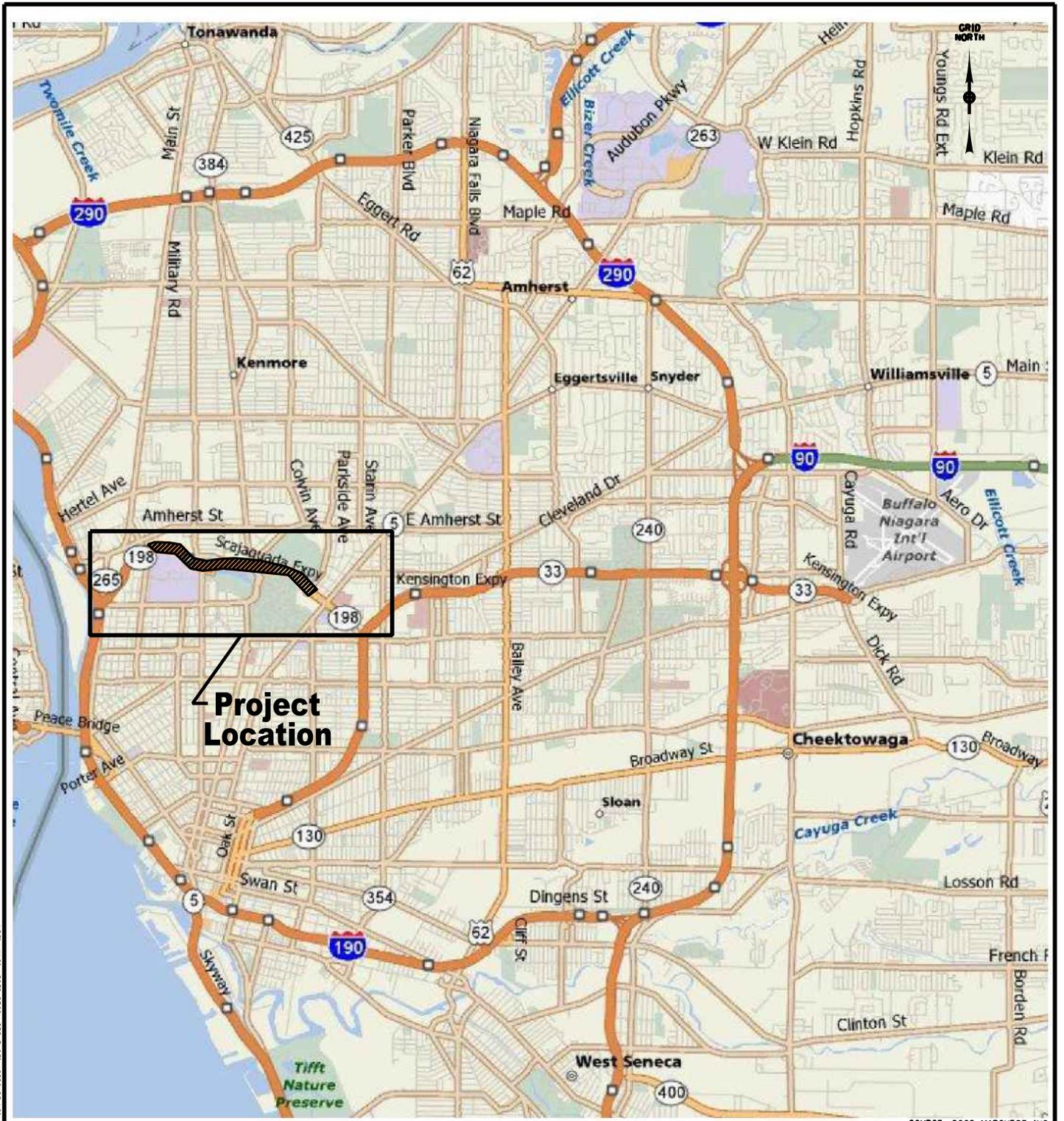
Ramps at Grant Street, Elmwood Avenue, and Delaware Avenue would be replaced with connecting roadways. Signalized intersections or roundabouts would be constructed where each connecting roadway meets NYS Route 198. The project would accommodate motor vehicles, bicyclists, and pedestrians. Documented deficiencies of the existing drainage system would be repaired. Driver expectation of the facility and its design would be aligned enhancing overall safety. Additional and/or enhanced pedestrian and bicyclist crossing opportunities would be created, at minimum, at Elmwood Avenue, between Iroquois Drive and Mirror Lake, Delaware Avenue, and Parkside Avenue.

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Preparer's Name: James F. Boggs
 (Please print)

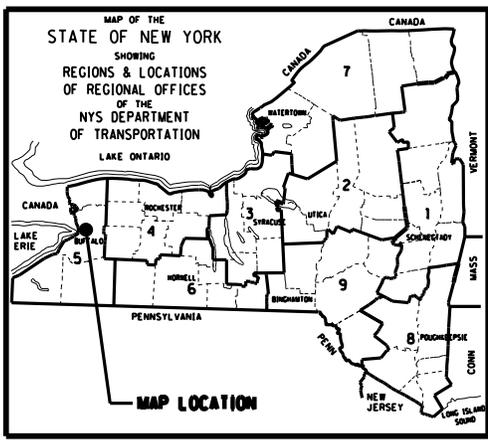
Title: Environmental Discipline Specialist Agency: Bergmann Associates, for NYS Department of Transportation

Telephone Number: (585) 498-7773 Date: July 22, 2016



SOURCE: 2008 MAPQUEST INC.

NYSDOT - REGION 5\6861.00_SCAJAQUADA_CORRIDOR\4.0_DWG\4.1_TRANSP\M.1.2_PRESENTATION\SCAJ_CORRIDORBASE_PROJECT.LOCATIONMAP.PCM



 <p>STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION</p>			
<p>NYS Route 198 (Scajaquada Exp.) Corridor Grant Street to Parkside Avenue P.I.N. 5470.22</p>			
<p>PROJECT LOCATION MAP</p>			
SHEET NO. 1 of 1	SCALE N.T.S.	DATE 8/16	



September 9, 2016

Mr. Craig S. Mozrall, P.E.
Special Project Manager
NYS Department of Transportation
100 Seneca Street
Buffalo, New York 14203

Re: F-2016-0699(FA)
NYS DOT - Scajaquada Expressway Corridor
PIN 5470.22
Reconstruction of NYS Route 198 involving
reconfiguration of the existing into an urban
boulevard with two travel lanes in each direction
between Grant Street and Parkside Avenue in its
current location.
City of Buffalo, Erie County
General Concurrence - No Objection to Funding

Dear Mr. Mozrall:

The Department of State received the information you submitted regarding the above matter on 8/4/2016.

The Department of State has determined that this proposal meets the Department's general consistency concurrence criteria. Therefore, the Department of State has no objection to the use of Federal Highway Authority funds for this financial assistance activity. This concurrence pertains to the financial assistance activity for this project only. If federal permits or other form of federal agency authorization is required for this activity, the Department of State will conduct a separate review for those permit activities. In such a case, please forward a copy of the federal application for authorization, a completed Federal Consistency Assessment Form, and all supporting information to the Department at the same time it is submitted to the federal agency from which the necessary authorization is requested.

When communicating with us regarding this matter, please contact Jeffrey Zappieri at (518) 474-6000 and refer to our file #F-2016-0699(FA).

Sincerely,



Jeffrey Zappieri
Supervisor, Consistency Review Unit
Office of Planning and Development

JZ/dc



Department
of State

NYS DOT - REGION 5	
SEP 26 2016	
REGIONAL DIRECTOR	
RD	ASSISTANT TO RD
	CLAIMS
	PUBLIC INFO OFF
	SAFETY & HEALTH
	SECRETARY
ED	CONSTRUCTION
	DESIGN
	REAL ESTATE
OD	OPERATIONS
	FLEET
PPD	PLAN & PROGRAM
ASD	ADMINISTRATION
IID	INFORMATION SERV

Craig

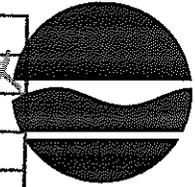
New York State Department of Environmental Conservation

Division of Environmental Permits, Region 9

270 Michigan Avenue, Buffalo, New York, 14203-2915

Phone: (716) 851-7165 • FAX: (716) 851-7168

Website: www.dec.ny.gov



Alexander B. Grannis
Commissioner

May 20, 2008

MILL
DJH
NRS
AAG
ABL
FILE

→ CC TO LADUC
CC TO BERGMANN

RECEIVED R-5 DESIGN	
KAMINSKI	
BILLITTIER	
MOZRALL	✓
SINGH	
DUENNEBACKE	
MARRACINO	
VAIDYA	
LADUC	
WIEAND	
HOCH	
FILE	
MAY 21 2008	

Craig Mozrall, P.E.
Assistant Regional Design Engineer
NYSDOT Region 5
100 Seneca Street
Buffalo, New York 14203

Dear Mr. Mozrall:

SCAJAQUADA CORRIDOR PROJECT

We have reviewed available materials regarding the Scajaquada Corridor project. A section of Scajaquada Creek is immediately adjacent to the Scajaquada Expressway. The plans also show increasing the size of Hoyt Lake to what is called its "historic size". Any impacts, either direct or indirect, to the creek or lake would be of concern to the Department.

When the environmental setting is described in the Draft Environmental Impact Statement (DEIS), the creek and its corridor should be included. However, the project is in such an early stage of design that the Department is not able to advise how much data collection regarding the creek should occur. It is also difficult to be specific regarding issues the Department would wish to comment on until more information is available on each alternative. In general terms, the scope and amount of data collection to be done should be commensurate with the maximum amount of impact (to the creek and lake) from the most intrusive alternative.

We recommend that a final scope for the project be created after plans are developed that identify the construction activities. That would include any changes to stormwater management.

Background Information and Possible Issues:

1. There are several remediation sites immediately north of Scajaquada Creek. Mr. Greg Sutton of our Division of Hazardous Waste Remediation should be contacted for information about those remediation sites. Remedial work for one of the sites included dredging contaminated sediments in Scajaquada Creek. There were also wells drilled under the creek to collect contaminated groundwater. Since remedial action has taken place in the creek, it is necessary to determine if any of the highway design alternatives have the potential to affect any of the sites or locations where off-site remediation has occurred. There are also contaminated sections of the creek where no remediation occurred. The amount of information that should be included in the DEIS would have to be reflective of where physical disturbances could occur and the extent of those disturbances.

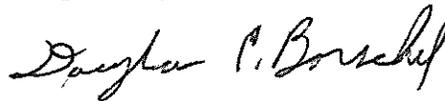
2. Floodplain - The Department, acting in its capacity as state coordinating agency to the National Flood Insurance Program, can provide comments on any floodplain issues. Mr. Donald J. Poletto, City of Buffalo Floodplain Coordinator, 502 City Hall, Division of Engineering, Department of Public Works, (716/851-5359) can be included in the stakeholders group if there are any impacts to the floodplain.
3. Hoyt Lake - Federal "Clean Lake" funds were used in the early 1980s to improve the water quality of the lake. Any proposed activities that negatively affected the water quality of the lake may be in conflict with the purpose of that federal funding. Conversely, the project may provide opportunities that would improve the water quality of Hoyt Lake. The disposal options for any excavated materials would have to be determined if Hoyt Lake were to be returned to its historic size.
4. Stormwater Pollution Prevention Plan (SWPP) - Mr. Bill Smythe of the Department's Division of Water will be reviewing the SWPP and can be contacted (716/851-7070) regarding its development. There may be design opportunities to improve the water quality of any highway related discharges to Scajaquada Creek and/or Hoyt Lake.
5. Sediments may require special handling by construction workers since pathogens have been found in sediments in the area.
6. Our Division of Air Resources, Albany staff, can review the model created to describe the changes in vehicular air emissions that would result from both road design and motorist behavior changes. Mr. Larry Sitzman, the Regional Air Pollution Control Engineer (716/851-7130), is the contact for air pollution issues.
7. Disturbances to Scajaquada Creek may be regulated by the U.S. Department of the Army, Corps of Engineers, Buffalo District Office. The Corps could require that an individual Water Quality Certification be obtained from DEC.
8. The riparian vegetation along the creek corridor should not be compromised by the project. The vegetation should be maintained or enhanced. Plantings adjacent to the creek are shown in the alternatives. The choices of particular tree species should consider their benefits to wildlife especially in the vicinity of the creek. Additional mowing in the stream corridor would not be recommended. Wading birds such as black-crowned night herons, green herons, and great-blue herons likely use this creek in which to feed and rest, using the overhanging shrubs and branches as cover. In addition to the use by local breeding birds (herons listed), this corridor contributes to migration habitat for passerine (perching) birds. Delaware Park and Woodlawn Cemetery, which the creek passes through, are significant birding areas. It is likely that painted turtles use the stream bank in which to lay eggs so the bank should remain relatively undisturbed and available for their use. Steelhead trout use the creek, and several other fish species are found there. Siltation brought on by construction would be a detriment to their survival. It is likely the Department will request a complete survey of the fish and wildlife species of this corridor as the design stages progress.

Craig Mozrall, P.E.
May 20, 2008
Page 3

9. Cleanup of the creek bed itself should be considered part of the renovation of the parkway, including removal of all debris and litter. Installation and maintenance of trash receptacles along the walkways should be part of the long-term maintenance of this parkway.

If you have any questions or need clarification on any items in this letter, please do not hesitate to contact me at this office.

Respectfully,

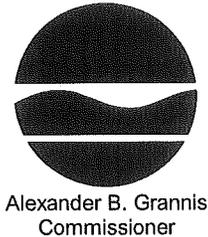


Douglas E. Borschel
Deputy Permit Administrator

DEB:vm

cc: Ms. Abby Snyder, Regional Director
Mr. Gregory Sutton, Division of Environmental Remediation
Mr. Gerard Palumbo, Division of Water; Attn: Mr. William Smythe
Mr. Larry Sitzman, Division of Air Resources
Mr. Paul McKeown, Division of Fish, Wildlife and Marine Resources; Attn: Mr. Michael Wilkinson
Mr. Mark Kandel, Division of Fish, Wildlife and Marine Resources; Attn: Ms. Connie Adams
Mr. Donald Poletto, City of Buffalo, Floodplain Coordinator
U.S. Department of the Army, Corps of Engineers, Buffalo District Office

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



September 25, 2008

Lisa Connors
Watts Architecture & Engineering
3826 Main Street
Buffalo, NY 14226

Dear Ms. Connors:

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 Reconstruction of Rte 198 - Sajaquada Expressway to I-190, to Rte 33, PIN 5470.14, area as indicated on the map you provided, located in the City of Buffalo, Erie 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 Seoane, Information Services
New York Natural Heritage Program 

cc: Reg. 9, Wildlife Mgr.
Reg. 9, Fisheries Mgr.

RECEIVED

SEP 26 2008

WATTS ARCHITECTURE
& ENGINEERING, PC

Natural Heritage Report on Rare Species and Ecological Communities



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

~This report contains **SENSITIVE** information that should not be released to the public without permission from the NY Natural Heritage Program.

~Refer to the User's Guide for explanations of codes, ranks and fields.

~Location maps for certain species and communities may not be provided 1) if the species is vulnerable to disturbance, 2) if the location and/or extent is not precisely known, 3) if the location and/or extent is too large to display, and/or 4) if the animal is listed as Endangered or Threatened by New York State.

Natural Heritage Report on Rare Species and Ecological Communities



FISH

Acipenser fulvescens

Lake Sturgeon

NY Legal Status: Threatened

NYS Rank: S1S2 - Critically imperiled

Office Use
11154

Federal Listing:

Global Rank: G3G4 - Vulnerable

BOF

Last Report: **

EO Rank: **

County: New York State Waters, Erie

Town: Tonawanda, City Of Buffalo, Hamburg, City Of Lackawanna, Ny State Waters

Location: At, or in the vicinity of, the project site.

Directions: **

General Quality and Habitat: **For information on the population at this location and management considerations, please contact the NYS DEC Regional Wildlife Manager for the Region where the project is located.

1 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).

More detailed information about many of the natural community types in New York, including identification, dominant and characteristic vegetation, distribution, conservation, and management, is available online in Natural Heritage's Conservation Guides at www.acris.nynhp.org. For descriptions of all community types, go to <http://www.dec.ny.gov/animals/29384.html> and click on DRAFT-Ecological Communities of New York State.

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 enable and enhance conservation of rare animals, rare plants, and significant communities. 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. 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. Unlike the first two categories, species of special concern receive no additional legal protection under Environmental Conservation Law section 11-0535 (Endangered and Threatened Species).

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.

Virginia Ursitti

From: Michael Wilkinson [mawilkin@gw.dec.state.ny.us]
Sent: Monday, May 14, 2012 3:00 PM
To: Virginia Ursitti
Cc: Michael Clancy; Michael Todd; Mark Kandel; Paul McKeown
Subject: Re: Rte 198 NYSDOT study

Virginia,

Still here and kicking . . . albeit somewhat subdued! Responses to your questions are provided below:

- 1) As for the possible presence of lake sturgeon in Scajaquada Creek or in adjacent waters of the Black Rock Canal, I am highly doubtful that lake sturgeon frequent these areas under current environmental conditions, especially Scajaquada Creek. Lake sturgeon are, of course, present in the Niagara River, Buffalo Harbor and Lake Erie, however these higher quality, preferred sturgeon habitats are isolated from Scajaquada Creek. I doubt the proposed project would have much, if any, impact on lake sturgeon in the River, Harbor and Lake.
- 2) We do know that some steelhead (rainbow trout) ascend Scajaquada Creek in the fall and winter months, presumably for spawning purposes. However, it is highly unlikely that any successful steelhead reproduction occurs in the creek. There may be some limited opportunity for fishing for steelhead, so any project plans should not result in creation of impassable barriers for steelhead migration. Furthermore, there are likely opportunities for catching other fishes, including carp, largemouth bass, sunfish and suckers, along the shoreline of the creek. Therefore, creation of additional public access facilities to the creek, including parking and fishing areas, should be considered.
- 3) I suggest contacting our Region 9 Wildlife Manager, Mark Kandel, at (716) 372-0645, in our Allegany Office to request information about wildlife resources in Scajaquada Creek. Mark can also be reached by e-mail at: mxkandel@gw.dec.state.ny.us

Good luck with project planning!

Take care,
Mike Wilkinson

>>> Virginia Ursitti <yursitti@watts-ae.com> 5/14/2012 2:02 PM >>>

Hi Mike—I hope you're doing well. I don't think you've retired yet, have you?

Watts is working on the design/environmental impacts study of the Scajaquada Expressway Downgrade project. There is no re-alignment of the creek or major bank work proposed. I have 2 questions that I thought you might help me with?

1. The NHP response to our information request reports lake sturgeon "at or in the vicinity of the project site". I don't believe any direct impacts would occur to sturgeon in Lake Erie or even in Niagara River. Is there any spawning or other occurrence of lake sturgeon possible in Scajaquada Creek? Our correspondence with NHP is attached.
2. Does the local staff from the DEC Regional office have any particular knowledge or concerns regarding other fish and wildlife or habitats in or about Scajaquada Creek?

I greatly appreciate your consideration of this matter, and please let me know if there is someone else you would direct me to.

Best regards. ~Ginger

Virginia L. Ursitti, QEP
Watts Architecture & Engineering, PC

95 Perry Street, Suite 300
Buffalo, New York 14203
716.206.5100 (general)
716.206.5131 (direct)
e: vursitti@watts-ae.com

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-6	North	10+520	Sumac	4.8	
	North	10+520	Box Elder	3.1	
	North	10+520	Box Elder	4.0	
	North	10+530	Sumac	4.9	
	North	10+530	Sumac	6.2 /5.3	
	North	10+570	Box Elder	16.0	
	North	10+580	Buckthorn	4.2	
GP-6	South	10+480	Sumac	5.8	
	South	10+480	Sumac	3.0	
	South	10+480	Sumac	3.2 / 3.8	
	South	10+480	Sumac	3.4	
	South	10+480	Sumac	4.2	
	South	10+480	Dead	>3.0	
	South	10+480	Dead	>3.0	

*Multi-bole trees show DBH for all boles 3" and greater.

Sub Total Number of Tress in GP6-GP9	162
Sub Total Number of Tress in GP10-GP15	261
Sub Total Number of Tress in GP16-GP23	146
Sub Total Number of Tress in GP24-GP29	75
Sub Total Number of Tress in GP30-GP39	112
Sub Total Number of Tress in GP40-GP50	218

Total Number of Trees in Corridor 974

Total Number of Dead Trees in Corridor 39

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-7	North	10+650	-	>3.0	Dead
	North	10+660	-	>3.0	Dead
	North	10+670	Sumac	4.8	
	North	10+680	Sumac	5.0	
	North	10+680	Sumac	3.7	
	North	10+680	Sumac	5.5	
	North	10+700	Sumac	10.6 / 4.1	
	North	10+710	Sumac	5.5	
	North	10+710	Sumac	8.1	
	North	10+710	Sumac	15.5	
	North	10+720	Sumac	8.2	
	North	10+720	Sumac	7.1	
	North	10+720	Sumac	7.4	
	North	10+720	Sumac	11.4	
	North	10+720	Sumac	6.7	
	North	10+720	Sumac	12.6	
	North	10+780	Box Elder	9.0	
	North	10+800	Box Elder	4.5	
	North	10+800	Box Elder	3.9	
	North	10+800	Box Elder	18.5	
	North	10+820	Box Elder	12.8	
	North	10+830	American Elm	11.0	
	North	10+830	Box Elder	11.1	
GP-7	South	10+720	Sumac	3.3	
	South	10+720	Sumac	4.0 / 5.5	
	South	10+730	Sumac	4.3	
	South	10+730	Sumac	4.2	
	South	10+760	Sumac	4.5	
	South	10+760	Butternut	10.5	
	South	10+760	Sumac	5.6	
	South	10+760	Sumac	5.0	
	South	10+760	Sumac	3.0	
	South	10+760	Sumac	4.6	
	South	10+780	Box Elder	3.2	
	South	10+780	Box Elder	5.2	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-8	North	10+910	Box Elder	4.1	
	North	10+910	Buckthorn	4.0	
	North	10+950	Buckthorn	3.9 / 3.8	
	North	10+950	Sumac	4.6	
	North	10+950	Sumac	8.6	
	North	10+960	Sumac	3.7	
	North	10+960	Basswood	8.5	
	North	10+960	Basswood	9.0	
	North	10+970	Maple (Norway)	4.7	
GP-8	South	10+840	American Elm	7.7	
	South	10+850	Box Elder	9.4	
	South	10+850	Butternut	6.2	
	South	10+860	Box Elder	3.7	
	South	10+860	Box Elder	3.7	
	South	10+870	Honey Locust	25.1	
	South	10+870	Honey Locust	19.4	
	South	10+880	Honey Locust	32.6	
	South	10+880	Maple (Norway)	22.1	
	South	10+940	Honey Locust	4.9	
	South	10+950	Honey Locust	7.4	
	South	10+960	Maple (Norway)	7.3	
	South	11+000	Honey Locust	16.4	Tag #1453
	South	11+000	Maple (Norway)	4.3	Tag #1455
	South	11+020	White Oak	15.3	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-9	North	11+030	American Elm	4.4/4.9/4.4	
	North	11+030	Butternut	5.6	
	North	11+030	Box Elder	4.2 / 4.4	
	North	11+030	American Elm	5.3	
	North	11+030	American Elm	5.4 / 5.3	
	North	11+060	Box Elder	4.6	
	North	11+060	Box Elder	5.0	
	North	11+060	American Elm	8.6	
	North	11+080	American Elm	3.9	
	North	11+080	Box Elder	13.1	
	North	11+080	Maple (Norway)	7.6	
	North	11+080	Sumac	5.0	
	North	11+080	Sumac	5.1	
	North	11+080	Sumac	6.0	
	North	11+080	Sumac	5.6	
	North	11+080	American Elm	11.1	
	North	11+080	Box Elder	6.4	
	North	11+080	American Elm	18.2	
	North	11+080	American Elm	4.5	
	North	11+080	American Elm	9.1	
	North	11+080	American Elm	5.6	
	North	11+090	Maple (Norway)	8.7	
	North	11+090	Maple (Norway)	5.2	
	North	11+090	Butternut	9.0	
	North	11+090	Butternut	6.2	
	North	11+100	Butternut	7.3	
	North	11+100	Ash	4.9	
	North	11+100	Buckthorn	Average 4.0	Multiple Boles
	North	11+100	Box Elder	4.5-5.8	7 Boles
	North	11+100	Sumac	4.4	
	North	11+100	Sumac	5.4	
	North	11+100	Box Elder	9.2	
	North	11+100	American Elm	10.4	
	North	11+100	Box Elder	14.4	
	North	11+100	Spruce	10.0	
	North	11+100	Maple (Norway)	16.6	
	North	11+120	Honey Locust	22.0	
	North	11+120	Honey Locust	3.1	
	North	11+130	Sumac	3.8	
	North	11+130	Sumac	3.6	
	North	11+130	Sumac	3.8	
	North	11+130	Sumac	3.4	
	North	11+130	Sumac	3.5	

**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
	North	11+130	Sumac	3.6	
	North	11+130	Catalpa	4.2	
	North	11+130	-	20.0	Dead
	North	11+130	-	>3.0	Dead
	North	11+130	Cottonwood	26.7 / 18.8	
	North	11+130	Honey Locust	3.0	
	North	11+130	Honey Locust	3.4	
	North	11+130	Honey Locust	3.3	
	North	11+130	Honey Locust	3.3	
	North	11+130	Basswood	7.6 / 10.2	
	North	11+140	Box Elder	3.7 / 3.4	
	North	11+140	Box Elder	4.6/3.6/4.2	
	North	11+140	Box Elder	13	
	North	11+140	Box Elder Thicket - 5	Range 3.1 - 5.2	
	North	11+140	Sumac Thicket - 13	Range 3.1 - 5.2	
	North	11+140	Hawthorne	3.1/3.0/3.2	
	North	11+140	-	>3.0	Dead
	North	11+140	-	>3.0	Dead
	North	11+140	Box Elder	13.9	
	North	11+150	Box Elder	3.7	
	North	11+150	Box Elder	6.9 / 13.0	
	North	11+150	Box Elder	4.2	
	North	11+150	Black Willow	12.9/20.3/11.2	
	North	11+150	-	>3.0	Dead
	North	11+160	American Elm	9.7 / 14.8	
	North	11+160	Black Willow	9.5/19.6/17.0/13.0	
	North	11+160	Black Willow	6.0/14.7/11.5/21.4	
	North	11+160	-	>3.0	Dead
	North	11+160	Box Elder	13.2	
	North	11+160	Box Elder	>15.0	Unable to measure
	North	11+160	Box Elder	8.4	
	North	11+160	American Elm	4.5	
	North	11+170	Box Elder Thicket - 15	Range 3.0 - 5.4	
	North	11+170	Box Elder	16.6	
GP-9	South	11+040	Elm	8.7	
	South	11+040	Buckthorn	3.5/3.6/3.8	
	South	11+040	Honey Locust	3.4	
	South	11+050	Honey Locust	23.6	
	South	11+060	Pine	16.7	
	South	11+070	Red Oak	18.8	Tag #1459
	South	11+080	Buckthorn	4.0/4.5/5.1	
	South	11+080	Maple (Norway)	5.6 / 4.9	

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
	South	11+100	Pine	11.4/12.3/14.5/16.1	
	South	11+110	Pine	25.1	
	South	11+120	Pine	18.7	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-10	North	11+180	Box Elder	7.4	
	North	11+180	-	>3.0	Dead
	North	11+200	Elm	5.3	
	North	11+200	Box Elder	5.0	
	North	11+200	American Elm	3.6/3.8/5.9	
	North	11+210	Elm	12.9/12.8/15.6/16.0	
	North	11+240	Black Willow	12.6	
	North	11+240	Buckthorn	4.1/7.4/7.2/7.3/6.3	
	North	11+250	Black Locust	4.8	
	North	11+250	Black Locust	3.6	
	North	11+260	American Elm	8.8/10.0/16.0/11.7	
	North	11+260	Black Locust	3.2	
	North	11+260	Black Locust	4.7 / 5.3	
	North	11+270	Black Locust	4.4	
	North	11+270	Black Locust	3.2	
	North	11+270	Black Locust	3.0	
	North	11+280	Black Locust	15.9 / 9.9	
	North	11+280	American Elm	10.9	
	North	11+300	Black Locust	7.4	
	North	11+300	Black Locust	6.3	
	North	11+300	Buckthorn	3.0 - 4.2	6 Boles
	North	11+320	American Elm	11.4/10.0/7.5/6.1/17.4	
	North	11+320	American Elm	10.0 / 13.4	
	North	11+330	American Elm	13.9	
	North	11+330	-	> 3.0	Dead
	North	11+340	Butternut	4.6	
	North	11+340	-	>3.0	Dead
	North	11+340	Butternut	6.0	
	North	11+350	American Elm	13.7 /12.1	
	North	11+360	Ash	10.3	
	North	11+360	American Elm	16.0	
	North	11+360	-	>20.0	Dead
GP-10	South	11+210	Sumac	3.0	
	South	11+210	Box Elder	6.0	
	South	11+210	Box Elder	8.4	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-11	North	11+400	Ash	5.3	
	North	11+420	American Elm	10.6	
	North	11+420	Dead	> 3.0	
	North	11+420	Dead	> 3.0	
	North	11+420	Dead	> 3.0	
	North	11+420	Mulberry	7.9	
	North	11+430	Cottonwood	26.8	
	North	11+430	Box Elder	13.9 / 11.3	
	North	11+440	Buckthorn	4.8	
	North	11+440	Dead	> 3.0	
	North	11+440	Ash	4.5	
	North	11+440	Black Willow	16.0 / 13.6	
	North	11+450	Dead	>3.0	
	North	11+450	Dead	> 3.0	
	North	11+480	Cottonwood	23.5	
	North	11+480	Cottonwood	18.7	
	North	11+480	Cottonwood	10.6	
	North	11+490	Cottonwood	31.7	
	North	11+490	Cottonwood	32.5	
	North	11+500	Dead	> 3.0	
	North	11+500	Cottonwood	21.6	
	North	11+500	Maple (Norway)	15.3	
	North	11+520	Butternut	3.4	
	North	11+520	Butternut	5.6	
	North	11+530	Butternut	4.6	
	North	11+530	Butternut	7.2	
	North	11+530	Butternut	5.8	
	North	11+530	Black Willow	33.8	
	North	11+530	Buckthorn	3.7	
	North	11+540	Butternut	9.8	
	North	11+540	Butternut	4.1	
	North	11+540	American Elm	6.0/15.4/10.8	
GP-11	South	11+400	Pine	12.2	Tag # 991
	South	11+410	Pine	16.3	Tag # 993
	South	11+410	Maple	9.9	Tag # 994
	South	11+420	Pine	14.0	Tag # 995
	South	11+420	Sweetgum	7.0	Tag # 996
	South	11+450	Pine	12.5	Tag # 1002
	South	11+450	Pine	12.5	Tag # 1003

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-12	North	11+570	Butternut	11.1	
	North	11+620	Basswood	57.0	Protect Tree depicted on storm sewer line! Consider abandoning outlet in place and replace if necessary at a
	North	11+620	Butternut	7.7 / 10.7	
	North	11+620	Butternut	4.8	
	North	11+620	Butternut	5.1	
	North	11+620	Butternut	10.2	
	North	11+620	Butternut	5.3	
	North	11+620	Butternut	4.7	
	North	11+660	Basswood	18.0 / 11.9	
	North	11+660	Ash	3.2	
	North	11+660	Basswood	6.5 / 6.7	
	North	11+660	Butternut	7.3	
	North	11+660	Butternut	5.7	
	North	11+660	American Elm	7.5 / 3.9	
	North	11+660	Buckthorn	4.8	
	North	11+660	Basswood	3.0	
	North	11+660	Dead	> 3.0	
	North	11+710	Maple	17.8	
	North	11+720	Dead	> 3.0	
	North	11+720	Dead	> 3.0	
	North	11+700 - 11+730	Thicket of Buckthorn (European)	Range 3.0-5.5	Multiple stems, very dense thicket over Storm sewer line.
GP-12	South	11+680	Pine	12.9	
	South	11+700	Pine	17.3	

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**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-13	North	11+720	Buckthorn	Range 4.0-6.0	7 boles
	North	11+720	Buckthorn	3.0/3.3/4.0	
	North	11+730	Butternut	8.0	
	North	11+740	American Elm	9.1	
	North	11+740	Butternut	10.7	
	North	11+740	Butternut	3.8	
	North	11+750	Dead	> 3.0	
	North	11+750	Buckthorn	Range 3.1 -4.9	4 boles
	North	11+760	Butternut	8.8	
	North	11+770	American Elm	4.2	
	North	11+770	American Elm	7.5 / 5.5	
	North	11+770	American Elm	7.8	
	North	11+770	American Elm	5.0 / 3.4	
	North	11+770	American Elm	9.8 / 6.5	
	North	11+790	Butternut	6.4	
	North	11+790	Buckthorn	3.4 / 4.8	
	North	11+820	Red Oak	16.1	
	North	11+810	Maple (Norway)	21.5	
	North	11+820	Horse Chestnut	11.3 / 12.4/8.3/ 9.6	
	North	11+810	Honey Locust	14.7	
	North	11+800	Maple (Norway)	16.6	
	North	11+800	Dead	>10.0	
	North	11+800	Honey Locust	21.7	
	North	11+800	Dead	> 3.0	
	North	11+810	Box Elder	4.8	
	North	11+820	Hawthorne	3.8 / 4.1	
	North	11+820	Maple (Norway)	5.7/3.1/5.2	
	North	11+820	Butternut	3.6	
GP-13	South	11+700	White Oak	8.4	
	South	11+700	Honey Locust	12.2	
	South	11+700	Hawthorne	5.9	
	South	11+710	Honey Locust	15.1	
	South	11+720	White Oak	8.3	
	South	11+720	White Oak	11.7	
	South	11+730	White Oak	5.8	
	South	11+730	White Oak	6.2	
	South	11+740	White Oak	6.1	
	South	11+740	White Oak	6.6	
	South	11+750	White Oak	8.4	
	South	11+750	White Oak	8.2	
	South	11+760	White Oak	6.3	

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-13	South	11+760	White Oak	6.2	
	South	11+730	Red Oak	9.3	
	South	11+750	Red Oak	10.4	
	South	11+740	American Elm	10.3	
	South	11+740	American Elm	3.5	
	South	11+750	American Elm	3.9	
	South	11+740	Maple (Norway)	10.3	
	South	11+740	Dead	> 3.0	
	South	11+720 - 11+760	Buckthorn (European) Thicket	Range 3.0 -6.0	Many shrubs and small trees
	South	11+790	Honey Locust	20.5	
	South	11+810	American ELM	13.2	

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**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-14	North	11+950	Buckthorn	5.4/4.8/5.1	
	North	11+940	Butternut	3.2	
GP-14	South	11+840	Maple	12.2	
	South	11+840	Buckthorn	7.1 / 8.2	
	South	11+840	American Elm	3.8	
	South	11+840	American Elm	4.5	
	South	11+860	Buckthorn	3.7	
	South	11+860	Buckthorn	Range 4.0-5.5	6 boles
	South	11+860	Buckthorn	6.2 / 5.7	
	South	11+860	Buckthorn	4.1 / 4.8	
	South	11+870	White Oak	19.3	
	South	11+870	White Oak	18.7	
	South	11+870	White Oak	13.5	
	South	11+870	Maple	7.8	
	South	11+870	White Oak	14.9	
	South	11+880	White Oak	8.1	
	South	11+880	Maple	7.7	
	South	11+880	Maple	4.8	
	South	11+880	Butternut	9.5	
	South	11+880	American Elm	6.0 / 11.0	
	South	11+890	White Oak	6.3	
	South	11+890	Horsechestnut	3.7	
	South	11+890	Maple	10.0	
	South	11+890	Maple	13.7	
	South	11+900	Horsechestnut	3.8 / 4.3	
	South	11+900	Maple	7.1	
	South	11+900	Honey Locust	4.7	
	South	11+900	Dead	> 3.0	
	South	11+900	American Elm	16.2	
	South	11+900	Dead	> 3.0	
	South	11+860 - 11+920	Buckthorn Thicket	Range 3.0-4.5	80-100 invasive Buckthorn
	South	11+900	Buckthorn	3.8 / 4.3	
	South	11+900	Buckthorn	4.5	
	South	11+900	Horsechestnut	4.8	
	South	11+910	Maple	7.1	
	South	11+910	Maple	6.3	
	South	11+910	Maple	6.5	
	South	11+910	Maple	5.5	
	South	11+910	Maple	16.1	
	South	11+910	Maple	13.7	
	South	11+910	Maple	17.8	

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
	South	11+910	Maple	11.0	
	South	11+910	Maple	11.5	
	South	11+920	Maple (Norway)	16.1	
	South	11+920	Maple (Norway)	4.5	
	South	11+920	Maple (Norway)	3.2	
	South	11+920	Maple (Norway)	5.7	
	South	11+920	Maple (Norway)	7.2	
	South	11+920	Crab Apple	12.2	
	South	11+920	Ash	3.1	
	South	11+920	Ash	4.5	
	South	11+920	Ash	3.9	
	South	11+940	Red Oak	11.7	Tag # 170x
	South	12+000	Honey Locust	14.6	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-15	North	12+090	American Elm	4.1	
	North	12+100	Elm	6.4	
	North	12+120	Maple	4.2	
	North	12+120	Black Willow	16.0/16.0/13.7	
	North	12+130	Buckthorn	3.8	
	North	12+130	Basswood	6.4 / 7.5	
	North	12+140	Black Willow	8.1	
	North	12+140	American Elm	9.0	
	North	12+140	Ash	6.7	
	North	12+150	American Elm	4.2	
	North	12+150	American Elm	3.5	
	North	12+150	American Elm	3.7	
	North	12+150	American Elm	5.2	
	North	12+160	American Elm	6.1	
	North	12+160	American Elm	4.2	
	North	12+160	Elm	4.6/4.1/5.0	
	North	12+130	Honey Locust	6.4	
	North	12+130	Pine	15.4	
	North	12+130	Maple	7.5	
	North	12+130	Ash	5.0	
	North	12+130	Ash	5.2	
	North	12+130	Ash	8.9	
	North	12+130	Ash	8.0	
	North	12+130	Ash	6.2	
	North	12+140	Pine	12.9	
	North	12+140	Sumac	6.4 / 6.0	
	North	12+140	Sumac	7.3	
	North	12+140	Sumac	4.2	
	North	12+140	Sumac	4.1	
	North	12+140	Sumac	5.5	
	North	12+140	Elm	12.0	
	North	12+140	Elm	8.6 / 8.2	
	North	12+150	Elm	12.8	
	North	12+150	Elm	6.1	
	North	12+160	Pine	17.7	
	North	12+160	Spruce	7.7/7.0/6.4	
	North	12+160	Spruce	10.7	
	North	12+160	Spruce	10.8	
	North	12+160	Elm	8.1	
	North	12+170	American Elm	5.8 / 6.1	
	North	12+140 - 12+160	Dead	10 trees > 3.0	dead tree area on m
	North	12+180	American Elm	4.6	

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
	North	12+180	American Elm	4.5	
	North	12+180	American Elm	5.2	
	North	12+180 - 12+210	American Elm	Range 3.0 - 7.5	12 Total trees in area with poison ivy
GP-15	South	12+040	Maple (Norway)	11.5	
	South	12+040	Maple (Norway)	12.0	
	South	12+060	Maple (Norway)	11.9	
	South	12+060	Maple (Norway)	13.5	
	South	12+080	Honey Locust	10.0 -13.0	4 boles
	South	12+130	Ash	17.5	Tag # 9252
	South	12+140	Horse Chestnut	17.4	Tag # 9255
	South	12+140	Horse Chestnut	37.5	Tag # 9251
	South	12+140	Horse Chestnut	20.3	Tag # 9254
	South	12+140	Sycamore	23.6	Tag # 9253
	South	12+150	Basswood	18.7	Tag # 9250
	South	12+160	Honey Locust	25	
	South	12+170	Honey Locust	17.8	Tag # 9247
	South	12+180	Elm	44.0	
	South	12+190	Sycamore	20.0	
	South	12+200	Maple	22.4	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-16	North	12+250	American Elm	14.2	
	North	12+260	American Elm	11.5 / 8.2	
	North	12+260	American Elm	7.4	
	North	12+260	American Elm	9.5	
	North	12+260	American Elm	3.3	
	North	12+270	Elm	7.7 / 7.3	
	North	12+280	American Elm	9.0	
	North	12+280	American Elm	7.5 / 5.0	
	North	12+320	American Elm	12.3	
	North	12+320	American Elm	4.6 / 3.5	
	North	12+340	Sumac	4.2	
	North	12+360	American Elm	3.9	
	North	12+360	American Elm	10.7	
	North	12+360	Honey Locust	11.3	
	North	12+360	Dead	> 3.0	
	North	12+360	Honey Locust	11.4	
	North	12+370	Sumac	5.4	
	North	12+370	American Elm	6.6	
	North	12+380	Sumac	3.1 / 3.1	
GP-16	South	12+240	Crab Apple	13.3	
	South	12+300	Paper Birch	3.6	
	South	12+300	American Elm	7.2	
	South	12+300	Elm	4.6	
	South	12+300	Buckthorn	3.2	
	South	12+300	Sumac	Range 3.0-7.0	3 Trees
	South	12+340	Maple (Norway)	23.8	
	South	12+350	Red Oak	9.5	
	South	12+360	Crab Apple	7.2	
	South	12+360	Pine	9.7	
	South	12+370	Pine	9.2	Tag # 7696
	South	12+370	Pine	11.0	
	South	12+380	Maple (Norway)	5.2	
	South	12+400	Red Oak	38.0	Tag # 7672

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**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-17	North	12+460	White Oak	17.7	Tag # 6887
	North	12+460	Hawthorne	5.4/8.4/4.3	Tag # 6892
	North	12+460	Pine	13.4	
	North	12+470	Butternut	16.0	
	North	12+470	Ash	9.0	
	North	12+470	Maple (Norway)	6.2	Tag # 6841
	North	12+460	Butternut	Range 3.0-6.0	9 boles
	North	12+460	Butternut	6.4	
	North	12+460	Basswood	4.5 / 5.7	
GP-17	South	12+400	Red Oak	30.1	
	South	12+400	Red Oak	3.6	
	South	12+400	Red Oak	6.8	Tag # 7690
	South	12+400	Maple	28.0	
	South	12+420	Maple (Norway)	28.5	
	South	12+420	Maple (Norway)	8.6	
	South	12+440	Pine	15.3	
	South	12+450	Pine	11.7	
	South	12+440	Honey Locust	19.5	
	South	12+450	Honey Locust	17.8	
	South	12+460	Crab Apple	5.7	
	South	12+480	Pine	13.4	
	South	12+480	Pine	9.1	

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**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-18	North	12+520	Basswood	11.6	Tag # 6802
	North	12+520	Pine	12.1 / 11.6	
	North	12+520	Spruce	11.1	Tag # 6801
	North	12+540	Basswood	3.1	
	North	12+550	Basswood	26.3	
	North	12+560	Basswood	21.9	
	North	12+580	Pine	3.8	
	North	12+590	Pine	3.1	
	North	12+600	Pine	3.4	
GP-18	South	12+530	Pine	12.1	
	South	12+530	Big tooth Poplar	16.2	Tag # 7854
	South	12+530	Pine	12.9	
	South	12+550	Basswood	13.8	
	South	12+560	Basswood	13.7	
	South	12+570	Red Oak	8.5	
	South	12+620	Sycamore	30.4	

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**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-19	North	12+640	White Oak	26.2	
GP-19	South	12+640	Maple	9.3	
	South	12+640	Ash	8.7	
	South	12+650	Ash	8.5 / 8.4	
	South	12+650	Dead	> 3.0	
	South	12+660	Maple	7.1	
	South	12+660	Dead	> 3.0	
	South	12+660	Maple	6.2	
	South	12+660	Dead	> 3.0	
	South	12+670	Maple	4.7	
	South	12+670	Maple	8.3	
	South	12+680	Ash	14.3	
	South	12+680	Ash	3.7	
	South	12+680	Ash	5.1	
	South	12+680	Ash	5.2	
	South	12+680	Maple	12.2	
	South	12+680	American Elm	4.2	
	South	12+690	Dead	> 3.0	6 Dead Trees
	South	12+690	Ash	13.0	
	South	12+690	Ash	11.3	
	South	12+700	Ash	5.0	
	South	12+720	Maple	33.4	
	South	12+720	Maple	9.9	
	South	12+720	Dead	< 40.0	

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**PIN 5470.22- NYS Route 198 (Scajaguada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-20	North	12+850	Pine	13.3	
	North	12+960	American Elm	17.8	
	North	12+880	Butternut	6.4	
	North	12+900	Butternut	7.4	
	North	12+920	Butternut	3.5	
	North	12+960	Red Oak	7.7	
	North	12+990	Basswood	12.2 / 6.1 / 9.3	Tag # 6155
	North	12+990	Ash	19.7	
	North	13+000	Pine	9.5	
	North	13+000	Pine	12.7	
	North	13+000	Pine	12.6	
	North	13+000	Pine	13.6	
	North	13+000	Honey Locust	17.2	Tag # 6742
GP-20	South	12+850	Basswood	15.5/11.0/15.8	Tag # 7614

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**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-21	North	13+020	Honey Locust	10.0	
	North	13+020	Honey Locust	9.1	
	North	13+020	Ash	8.2	Tag # 6744
	North	13+060	Ash	15.6	
GP-21	South	13+020	Ash	3.0	
	South	13+020	Butternut	9.6	
	South	13+040	Prunus	3.5	
	South	13+040	Prunus	3.6	
	South	13+060	American Elm	Range 10.0-15.0	4 boles
	South	13+060	Red Oak	> 40.0	
	South	13+060	Maple	13.1	
	South	13+060	Maple	7.9	
	South	13+060	Maple	12.7	
	South	13+060	Ash	14.2	
	South	13+060	Pine	11.3	

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**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-22	North	13+230	Dawn Redwood	7.0	
	North	13+250	Dawn Redwood	8.0	
	North	13+280	Dawn Redwood	13.1	
	North	13+290	Dawn Redwood	13.4	
GP-22	South	13+160	Ash	14.9	Tag # 7498, tree is dying
	South	13+160	Kentucky Coffeetree	25.4	Tag # 7499
	South	13+180	Maple (Norway)	15.9	
	South	13+180	Maple (Norway)	20.0	
	South	13+190	Maple (Norway)	26.5	Tag # 7493
	South	13+200	Kentucky Coffeetree	35.0	
	South	13+210	Gingko	15.3	
	South	13+210	Ash	24.3	
	South	13+220	Maple (Norway)	21.0	
	South	13+220	Maple	32.5	
	South	13+220	Gingko	12.4	
	South	13+220	Kentucky Coffeetree	33.9	
	South	13+230	Maple	28.3	Tag # 28.3

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**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-23	North	13+310	Spruce	3.2	
	North	13+320	Spruce	3.8	
	North	13+340	Basswood	Range 9.2-12.1	7 boles, Tag # 8718
	North	13+460	Maple	30.1 / 16.9	Tag # 8616
	North	13+470	Maple	30.8/10.0/8.5	
GP-23	South	13+380	Ash	28.6	

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**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-24	North	13+490	Pine	15.4	Tag # 8678
	North	13+510	Pine	15.4 / 10.4	
	North	13+510	Pine	10.8	
	North	13+530	Maple	30.8	Tag # 8663
	North	13+540	Maple	27.8	Tag # 8662
	North	13+550	Maple	31.5	Tag # 8661
	North	13+580	Spruce	3.3	
GP-24	South	13+500	American Elm	31.0	
	South	13+510	Maple (Norway)	17.7	
	South	13+520	Maple (Norway)	17.8	
	South	13+600	Maple (Norway)	4.8	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-25			Nothing		

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-26	North	13+840	Sycamore	3.5	
	North	13+850	Sycamore	3.4	
	North	13+860	Maple (Norway)	56.4	Tag # 8731, Protect Tree
	North	13+880	Basswood	20.0	Tag # 8730, Protect Tree
	North	13+870	Horse Chestnut	29.7	Tag # 8616, Protect Tree
	North	13+880	Maple	27.7	Tag # 8615, Protect Tree
	North	13+880	Maple	29.9	Protect Tree
	North	13+910	American Elm	29.5	Protect Tree
	North	13+900	Prunus	6.1	Tag # 8613
	North	13+900	Prunus	11.2	Tag # 8612
	North	13+920	Pine	14.0	
	North	13+930	Basswood	10.0	
	North	13+940	White Oak	20.3	Tag # 8599, Protect
	North	13+960	Pine	11.5	
	North	13+970	Pine	14.9	Tag # 8590
	North	13+980	Pine	14.9	
GP-26	South	13+860	Maple (Norway)	18.2	
	South	13+920	Pine	13.4	
	South	13+920	Pine	13.5	
	South	13+950	Pine	15.7	
	South	13+950	Honey Locust	17.3	
	South	13+960	Pine	12.1	
	South	13+970	White Oak	29.7	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-27	North	14+000	Maple (Norway)	12.4	Tag # 8576
	North	14+020	Shagbark Hickory	11.4	Tag # 8562
	North	13+990	Basswood	9.2	Tag # 8605
	North	14+000	Basswood	9.7/ 9.7/9.7/9.7	Tag # 8584
	North	14+010	White Oak	24.8	Tag # 8571
	North	14+020	Maple	12.5	
	North	14+020	Maple (Norway)	9.3	
	North	14+030	Maple (Norway)	9.6	Tag # 8564
	North	14+030	Maple (Norway)	19.7	
	North	14+040	Maple (Norway)	21.3	
	North	14+040	Pine	12.3	
	North	14+050	Prunus	11.3	Tag # 8556
	North	14+050	Prunus	11.9	
	North	14+060	Pine	14	
	North	14+070	Pine	14	
	North	14+070	Pine	13.9	
	North	14+070	Pine	10.8	
	North	14+140	Gingko	13.5	
GP-27	South	14+050	Basswood	15.2	Protect Tree
	South	14+060	Basswood	15.4	Protect Tree
	South	14+070	Basswood	18.3	Protect Tree
	South	14+080	Maple (Norway)	16.2	Protect Tree
	South	14+090	Maple	38.7	Protect Tree
	South	14+110	Maple	18.5	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-28	North	14+170	Maple (Norway)	22.4	
	North	14+180	Maple (Norway)	20.0	
	North	14+190	Prunus	6.1	
	North	14+220	Ash	9.3	
	North	14+230	Ash	9.3	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaguada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-29	South	14+370	Black Locust	8.9	
	South	14+380	Black Locust	7.2	
	South	14+390	Prunus	4.6	
	South	14+400	Prunus	5.5	
	South	14+400	Black Locust	7.8	
	South	14+410	Black Locust	7.3	
	South	14+420	Black Locust	4.5/3.3/5.7	
	South	14+430	Prunus	4.1	
	South	14+430	Black Locust	6.9	
	South	14+440	Black Locust	9.1	
	South	14+460	Prunus	4.7	
	South	14+470	Black Locust	10.2	
	South	14+460	Maple (Norway)	9.2	
	South	14+470	Maple (Norway)	16.7	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-30	North	14+540	Prunus	4.6	
	North	14+550	Prunus	5.7	
	North	14+620	Prunus	4.5	
	North	14+600	Prunus	4.3	
	North	14+620	Prunus	4.2	
	North	14+620	Prunus	4.3	
GP-30	South	14+570	Black Locust	3.8	
	South	14+580	Black Locust	4.1	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station**	Species	DBH (inches)*	Comments
GP-34	South of Rte. 198	G 1+220	Ash	6.9	Tag #1482
	South of Rte. 198	G 1+230	Ash	6.1	Tag #1483
	South of Rte. 198	G 1+240	Ash	6.1	Tag #1484
	South of Rte. 198	G 1+250	Ash	5.4	Tag #1485
	South of Rte. 198	G 1+260	Ash	7.7	Tag #1486
	South of Rte. 198	G 1+260	Ash	5.8	Tag #1487
	South of Rte. 198	G 1+270	Ash	6.4	Tag #1488
	South of Rte. 198	G 1+280	Ash	6.4	Tag #1489
	South of Rte. 198	G 1+230	Ash	5.2	Tag #1415
	South of Rte. 198	G 1+240	Ash	5.5	Tag #1416
	South of Rte. 198	G 1+250	Ash	7.2	Tag #1417
	South of Rte. 198	G 1+280	Ash	6.4	Tag #1420, Dead

*Multi-bole trees show DBH for all boles 3" and greater.

** Centerline Station numbers are from Grant Street

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station**	Species	DBH (inches)*	Comments
GP-35	South of Rte. 198	G 1+350	Maple (Norway)	5.6	
	South of Rte. 198	G 1+290	Ash	6.2	Tag #1490
	South of Rte. 198	G 1+380	Honey Locust	19.7	
	South of Rte. 198	G 1+400	Honey Locust	17.1	
	South of Rte. 198	G 1+290	Ash	5.9	Tag #1421
	South of Rte. 198	G 1+320	Ash	6.0	Tag # 1439
	South of Rte. 198	G 1+330	Ash	6.9	Tag # 1440
	South of Rte. 198	G 1+340	Red Oak	6.2	Tag #1441
	South of Rte. 198	G 1+340	Ash	3.8	Tag #1442
	South of Rte. 198	G 1+350	Red Oak	6.5	Tag #1443
	South of Rte. 198	G 1+380	Honey Locust	18.3	Tag #1446
	South of Rte. 198	G 1+400	Honey Locust	16.9	Tag #1447
	South of Rte. 198	G 1+420	Honey Locust	4.2	
	South of Rte. 198	G 1+430	Honey Locust	7.3	
	South of Rte. 198	G 1+430	Maple (Norway)	5.5	
	South of Rte. 198	G 1+400	Red Oak	9.5	Tag #1448
	South of Rte. 198	G 1+390	Pine	13.7	Tag # 1445
	South of Rte. 198	G 1+380	Pine	14.3	

*Multi-bole trees show DBH for all boles 3" and greater.

** Centerline Station numbrs are from Grant Street

**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-36	North	11+040	Hawthorne	8.4	
	North	11+040	Hawthorne	6.7 / 10.3	
	North	11+040	Hawthorne	7.5/6.5/3.4/6.6/5.2	
	North	11+030	Dead	> 3.0	
	North	11+040	Elm	3.7 / 4.4	
	North	11+040	American Elm	8.9	
	North	11+030	Honey Locust	14.2	
	North	11+040	Maple	8.7	
	North	11+040	Ash	10.3	
	North	11+050	American Elm	19.9 / 7.2	
	North	11+050	Catalpa	3.6	
	North	11+050	American Elm	3.2	
	North	11+050	American Elm	17.3	
	North	11+060	Ash	7.7	
	North	11+060	American Elm	14.5	
	North	11+060	Ash	10.7	
	North	11+060	Ash	4.7	
	North	11+060	Buckthorn	5.2	
	North	11+060	Maple (Norway)	4.2	
	North	11+080	Box Elder	6.8 / 7.9	
	North	11+080	Maple (Norway)	4.4	
	North	11+080	Box Elder	3.4	
	North	11+080	Buckthorn	5.6	
	North	11+090	Sumac	3.8 / 7.9	
	North	11+090	Sumac	6.9	
	North	11+090	Sumac	9.1 / 4.8	
	North	11+090	Sumac	6.4	
	North	11+090	Sumac	9.2	
	North	11+090	Sumac	8.8	
	North	11+090	Butternut	3.2	
	North	11+090	Buckthorn	3.0 - 4.0	Many Boles
	North	11+080 - 11+110	Butternut	7 trees > 12.0	once, Grant St. c
	North	11+110	Ash	16.4	
	North	11+110	Ash	14.8 / 15.0	
	North	11+120	Spruce	17.7	
	North	11+120	Spruce	15.6	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-37	South	11+940	Alder	4.7	Tag # 171
	South	11+950	Alder	5.2	Tag # 172
	South	11+960	Alder	5.7	Tag # 173
	South	11+960	Alder	5.5	Tag # 174
	South	11+970	White Oak	9.5	Tag # 175
	South	11+990	White Oak	7.5	Tag # 163
	South	12+000	White Pine	6.0	
	South	12+010	Horse Chestnut	5.5	
	South	12+000	Black Locust	14.9	
	South	12+010	Pine	13.1	
	South	12+070	American Elm	7.8	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-38	South	12+040	Elm	6.7 / 7.7	
	South	12+040	Buckthorn	4.0	
	South	12+040	Elm	11.1/12.8/8.0/11.2	
	South	12+140	Maple (Norway)	21.7	Tag # 9256
	South	12+160	American Elm	> 40.0	
	South	12+190	Horse Chestnut	17.8	Tag # 9238

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-39	South	12+200	American Elm	24.1	
	South	12+200	Elm	32.3	Tag # 9237
	South	12+200	Maple (Norway)	18.2	
	South	12+200	Maple (Norway)	18.7	
	South	12+210	Maple	20.6	Tag # 9239
	South	12+210	American Elm	20.3	
	South	12+220	Honey Locust	20.1	
	South	12+220	Honey Locust	20.9	
	South	12+210	Honey Locust	14.7	
	South	12+210	Honey Locust	18.3	
	South	12+220	Honey Locust	7.6	
	South	12+240	White Oak	37.5	
	South	12+240	Crab Apple	9.8/9.1/9.8	
	South	12+240	Basswood	9.9/9.8/13.9/12.5	
	South	12+240	Red Oak	20.2	
	South	12+240	Sycamore	18.9	
	South	12+240	Honey Locust	16.4	
	South	12+250	Basswood	19.9	
	South	12+250	Basswood	19.9	Tag # 9215
	South	12+260	Honey Locust	18.5	Tag # 9223
	South	12+260	Maple (Norway)	19.8	Tag # 9217
	South	12+270	Maple (Norway)	19.9	
	South	12+280	Maple (Norway)	17.2	
	South	12+290	Basswood	27.5	Tag # 9214
	South	12+330	Pine	12.2	
	South	12+340	Pine	10.7	
	South	12+330	Maple (Norway)	25.7	Tag # 9273

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-40	North	12+090	Ash	5.5	
	North	12+090	Ash	6.4	
	North	12+090	Ash	9.4	
	North	12+090	Maple	10.4	
	North	12+090	Sumac	7.4	
	North	12+090	Sumac	8.1	
	North	12+090	Red Oak	10.3 / 10.6	
	North	12+090	Maple	7.9	
	North	12+090	Maple	10.6	
	North	12+100	Dead	> 3.0	
	North	12+100	Honey Locust	3.8	
	North	12+100	Ash	12.2	
	North	12+100	Ash	3.9	
	North	12+100	Honey Locust	22.5	Tag # 7089
	North	12+100	Maple	7.8	
	North	12+110	Honey Locust	20.4	
	North	12+120	Red Oak	13.9/13.4/12.8	
	North	12+120	Red Oak	12.7	
	North	12+120	Red Oak	12.1	
	North	12+130	Red Oak	10	
	North	12+130	Red Oak	12.5	
	North	12+140	Maple (Norway)	12	
	North	12+140	Maple (Norway)	11.9	
	North	12+150	White Pine	10	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station**	Species	DBH (inches)*	Comments
GP-41	North	E 1+390	Honey Locust	8.1	
	North	E 1+400	Honey Locust	19.1	
	North	E 1+420	Prunellus	11.0 / 6.5	
	North	E 1+380	Honey Locust	10.2	
	North	E 1+420	Basswood	14.3	
	North	E 1+430	Basswood	9.2	
	North	E 1+440	Basswood	10.5	
	North	E 1+400	Basswood	9.6	
	North	E 1+400	Basswood	10.2	
	North	E 1+400	Basswood	19.7	
	North	E 1+400	Basswood	15.6	
	North	E 1+400	Basswood	14.1	
	North	E 1+400	Basswood	15.7	
	North	E 1+400	Maple (Norway)	10.0	
	North	E 1+380	Honey Locust	17.3	
	North	E 1+380	Maple	9.8	
	North	E 1+380	Basswood	14.7	
	North	E 1+380	Basswood	13.8	
	North	E 1+380	Basswood	12.9	
	North	E 1+380	Basswood	13.8	
	North	E 1+380	Basswood	15.1	
	North	E 1+380	Basswood	7.4/8.9/8.2	
	North	E 1+380	Basswood	10.2	
	North	E 1+380	Basswood	14.7	
	North	E 1+380	Basswood	18.5	
	North	E 1+380	Ash	16.4/13.1/13.4/12.3	

*Multi-bole trees show DBH for all boles 3" and greater.

** Centerline Station numbers are from Elmwood Avenue.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-42	South	12+740	Maple	10.7	
	South	12+740	Maple	6.7	
	South	12+760	Maple	13.2	
	South	12+760	Maple	7.1	
	South	12+760	Maple	10.2	
	South	12+780	White Mulberry	5.0 / 5.1	
	South	12+760	Ash	7.1	
	South	12+770	Ash	6.0	
	South	12+780	Ash	4.2	
	South	12+790	Ash	6.3	
	South	12+800	Maple	14.0	
	South	12+800	Honey Locust	6.7	
	South	12+800	Honey Locust	5.1	
	South	12+800	White Mulberry	4.0	
	South	12+800	White Mulberry	3.0	
	South	12+800	White Mulberry	3.8	
	South	12+800	Maple	12.0	
	South	12+800	Maple	10.6	
	South	12+800	Ash	4.2	
	South	12+800	Maple	7.9	
	South	12+800	Maple	9.4	
	South	12+810	American Elm	23.7	
	South	12+810	Maple	8.0 / 11.7	
	South	12+810	Maple	11	
	South	12+820	Shagbark Hickory	4.2	
	South	12+820	Maple	5.7 / 7.2	
	South	12+820	Dead	> 15.0	
	South	12+830	Ash	9.9	
	South	12+830	Ash	4.3	
	South	12+830	Maple	16	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-43	South	12+820	Ash	7.6	
	South	12+820	Spruce	10.5	
	South	12+840	Basswood	3.0 - 26.4	7 boles
	South	12+820	Ash	12.2	
	South	12+820	Ash	12.0	
	South	12+820	Ash	5.7	
	South	12+830	Ash	13.6	
	South	12+830	Ash	4.8	
	South	12+830	Ash	6.6	
	South	12+830	Ash	3.1	
	South	12+830	Ash	5.8 / 6.1	
	South	12+820	Maple	10.7 / 6.8	
	South	12+820	Maple	4.1	
	South	12+840	Shagbark Hickory	21.3	
	South	12+840	Maple (Norway)	17.8	
	South	12+840	Maple (Norway)	13.2	
	South	12+850	Maple (Norway)	10.0	
	South	12+850	Ash	8.2	
	South	12+870	Prunus	10.8	
	South	12+880	Prunus	4.5	
	South	12+890	Crab Apple	8.0/18.0/6.1/6.3	
	South	12+890	Crab Apple	10.4	
	South	12+900	White Pine	6.6	
	South	12+900	Pine	13.4	
	South	12+900	Pine	13.9	
	South	12+900	Pine	15	
	South	12+910	Pine	5.8	
	South	12+910	Red Oak	10.7	
	South	12+910	Pine	11.4	
	South	12+920	White Pine	6.9	
	South	12+970	Red Oak	8.8	
	South	13+000	Elm	Range 5.1 -17.2	10 trees

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station**	Species	DBH (inches)*	Comments
GP-44	South	D 1+140	Honey Locust	9.7	Tag # 7433
	South	D 1+ 110	Maple (Norway)	10.9	
	South	D 1+130	Maple (Norway)	12.0	Tag # 7431
	South	D 1+110	Pine	14.3	
	South	D 1+100	Red Oak	9.0	
	South	D 1+080	Red Oak	6.6	
	South	D 1+060	Kentucky Coffetree	15.0	
	South	D 1+050	Pine	5.0	

*Multi-bole trees show DBH for all boles 3" and greater.

** Centerline Station numbers are from Delaware Avenue.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-45	South; west of Delaware Ave	13+020	Maple	4.2	
	South; west of Delaware Ave	13+020	Elm	10.2	
	South; west of Delaware Ave	13+020	Elm	4.4	
	South; west of Delaware Ave	13+020	Elm	6.9	
	South; west of Delaware Ave	13+020	Ash	7.2	
	South; west of Delaware Ave	13+020	Big Tooth Poplar	29.2	
	South; west of Delaware Ave	13+020	Maple	13.2	
	South; west of Delaware Ave	13+020	Butternut	6.2	
	South; west of Delaware Ave	13+020	Elm	10.8	
	South; west of Delaware Ave	13+020	Elm	7.1	
	South; west of Delaware Ave	13+020	Butternut	6.5	
	South; west of Delaware Ave	13+020	Butternut	6.8	
	South; west of Delaware Ave	13+020	Maple	5.8	
	South; west of Delaware Ave	13+010	Elm	5.6	
	South; west of Delaware Ave	13+010	Elm	6.2	
	South; west of Delaware Ave	13+010	Elm	5.2	
	South; west of Delaware Ave	13+010	Elm	10.6 / 7.7	
	South; west of Delaware Ave	13+010	Elm	6.0	
	South; west of Delaware Ave	13+010	Elm	9.5	
	South; west of Delaware Ave	13+010	Elm	2.0/17.4/19.0	
	South; west of Delaware Ave	13+020	Pine	13.5	
	South; west of Delaware Ave	13+020	Pine	12.3	
	South; west of Delaware Ave	13+030	Red Oak	10.9	
	South; west of Delaware Ave	13+030	Pine	13.8	
	South; west of Delaware Ave	13+030	Basswood	12.4	Tag # 7445
	South; west of Delaware Ave	13+030	Basswood	17.0	Tag # 7443
	South; west of Delaware Ave	13+030	Pine	12.2	
	South; west of Delaware Ave	13+040	Maple	5.7 / 5.4	
	South; west of Delaware Ave	13+040	Pine	12.5	
	South; west of Delaware Ave	13+040	Crab Apple	Range 4.0-6.0	7 boles
	South; west of Delaware Ave	13+040	Crab Apple	9.2	Tag # 7438
	South; west of Delaware Ave	13+050	Pine	14.5	
	South; west of Delaware Ave	13+080	Maple	6.1	Tag # 7488
	South; west of Delaware Ave	13+080	Maple	9.0	
	South; west of Delaware Ave	13+080	Maple	6.5	Tag # 7466
	South; west of Delaware Ave	13+090	Maple	8.8	
	South; west of Delaware Ave	13+090	Maple	10.2	
	South; west of Delaware Ave	13+040 - 13+080	Prunus	3.0-7.6	15 Cherry trees in median of Delaware Ave

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-45	South; east of Delaware Ave	13+070	Pine	16.2	
	South; east of Delaware Ave	13+070	Pine	16.2	
	South; east of Delaware Ave	13+070	Pine	8.7	
	South; east of Delaware Ave	13+070	Pine	12.3	
	South; east of Delaware Ave	13+070	Pine	10.5	
	South; east of Delaware Ave	13+080	Pine	9.5	
	South; east of Delaware Ave	13+080	Pine	11.2	
	South; east of Delaware Ave	13+080	Pine	17.3	
	South; east of Delaware Ave	13+080	Pine	12.3	
	South; east of Delaware Ave	13+080	Pine	10.6	
	South; east of Delaware Ave	13+090	Maple (Norway)	7.1	
	South; east of Delaware Ave	13+090	Pine	13.1	
	South; east of Delaware Ave	13+090	Pine	7.8	
	South; east of Delaware Ave	13+090	Maple	30.3	
	South; east of Delaware Ave	13+130	Red Oak	27.6	
	South; east of Delaware Ave	13+130	Kentucky Coffeetree	19.6	
	South; east of Delaware Ave	13+140	Kentucky Coffeetree	21.0 / 4.7	
	South; east of Delaware Ave	13+120	Maple	42	
	South; east of Delaware Ave	13+120	Pine	7.7	
	South; east of Delaware Ave	13+110	Pine	13.5	
	South; east of Delaware Ave	13+110	Basswood	11.9	
	South; east of Delaware Ave	13+120	Maple (Norway)	27.5	
	South; east of Delaware Ave	13+130	Pine	12.6	
	South; east of Delaware Ave	13+140	Pine	18.1	
	South; east of Delaware Ave	13+160	Ash	30.3	
	South; east of Delaware Ave	13+160	Maple (Norway)	17.9	
*Multi-bole trees show DBH for all boles 3" and greater.					

**PIN 5470.22- NYS Route 198 (Scajauada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-46	North	12+940	Maple	5.4	
	North	12+950	White Oak	43.3	
	North	12+960	Maple (Norway)	8.6	Tag # 6470
	North	12+960	Ash	13.4	Tag # 6468
	North	12+980	Shagbark Hickory	16.0	Tag # 6733
	North	12+980	Maple (Norway)	4.1	
	North	12+980	Basswood	23.5	Tag # 6730
	North	12+990	Prunus	3.1	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-47	North	13+ 090	Ash	6.2	
	North	13+100	Maple	20.5	
	North	13+100	Ash	15.0	
	North	13+110	Ash	10.9	
	North	13+110	Ash	11.3	
	North	13+110	Ash	10.5	
	North	13+110	American Elm	7.8	
	North	13+120	Ash	10.8	
	North	13+120	Basswood	5.0	
	North	13+120	Basswood	11.4	
	North	13+120	Basswood	6.0 / 14.5	
	North	13+120	American Elm	9.7	
	North	13+120	Shagbark Hickory	3.4	
	North	13+120	Red Oak	5.2	
	North	13+120	Basswood	7.3	
	North	13+130	Basswood	8.9	
	North	13+160	Maple	31.7	Tag # 9141
	North	13+160	Maple	14.0 / 14.6	Tag # 9137
	North	13+170	Red Oak	14.9	
	North	13+160	Ash	12.6/11.2/11.2	
	North	13+160	Maple (Norway)	12.2	

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaguada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-48	North	13+920	Kentucky Coffeetree	6.1	Tag # 8184
	North	13+920	American Elm	5.0 - 8.3	8 boles
	North	13+940	Yellowwood	19.2	Tag # 8603
	North	13+940	Maple	21.7	Tag # 8602
	North	13+970	Pine	14.7	Tag # 8593

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches)*	Comments
GP-49	North	13+990	Pine	8.4	
	North	14+020	Maple (Norway)	19.2	
	North	14+060	Maple (Norway)	14.5	Tag # 8014, Protect Tree
	North	14+070	Maple (Norway)	18.7	Tag # 8015, Protect Tree
	North	14+080	Maple (Norway)	15.1	Tag # 8016, Protect Tree
	North	14+070	Basswood	26.7 / 23.8	Tag # 8017, Protect Tree
	North	14+120	Maple (Norway)	24.0	Protect Tree

*Multi-bole trees show DBH for all boles 3" and greater.

**PIN 5470.22- NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33, Buffalo, Erie County
Table of Potential Tree Removals**

Plan Sheet	Side (North/ South)	Basemap (existing) Centerline Station	Species	DBH (inches) *	Comments
GP-50	North	14+080	Prunus	5.6	

*Multi-bole trees show DBH for all boles 3" and greater.



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New York Ecological Services Field Office
3817 LUKER ROAD
CORTLAND, NY 13045
PHONE: (607)753-9334 FAX: (607)753-9699
URL: www.fws.gov/northeast/nyfo/es/section7.htm

Consultation Code: 05E1NY00-2016-SLI-2390

September 06, 2016

Event Code: 05E1NY00-2016-E-05765

Project Name: NY Route 198 (Scajaquada Expressway) Corridor

Subject: 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



United States Department of Interior
Fish and Wildlife Service

Project name: NY Route 198 (Scajaquada Expressway) Corridor

Official Species List

Provided by:

New York Ecological Services Field Office

3817 LUKER ROAD

CORTLAND, NY 13045

(607) 753-9334

<http://www.fws.gov/northeast/nyfo/es/section7.htm>

Consultation Code: 05E1NY00-2016-SLI-2390

Event Code: 05E1NY00-2016-E-05765

Project Type: TRANSPORTATION

Project Name: NY Route 198 (Scajaquada Expressway) Corridor

Project Description: Evaluation and reconstruction of 2.0 miles of 4-lane divided highway (City of Buffalo, Erie, County, NY) from the Grant Street interchange to the Parkside intersection, inclusive. The purpose of the project is to provide geometric and operational improvements to NYS Route 198 in its current location including the segment through Delaware Park. These improvements will be made while maintaining local connectivity and a critical transportation link between I-190 and NYS Route 33, and providing enhanced compatibility with adjacent land uses.

A Design Report/EIS is currently being developed for FHWA and NYSDOT. They anticipate issuing a Joint Record of Decision by Spring 2017. Construction of the Build Alternative would take place over 24 to 48 months and could begin as early as fall 2017 pending the availability of funding. The construction cost is estimated at \$90 to \$100 million.

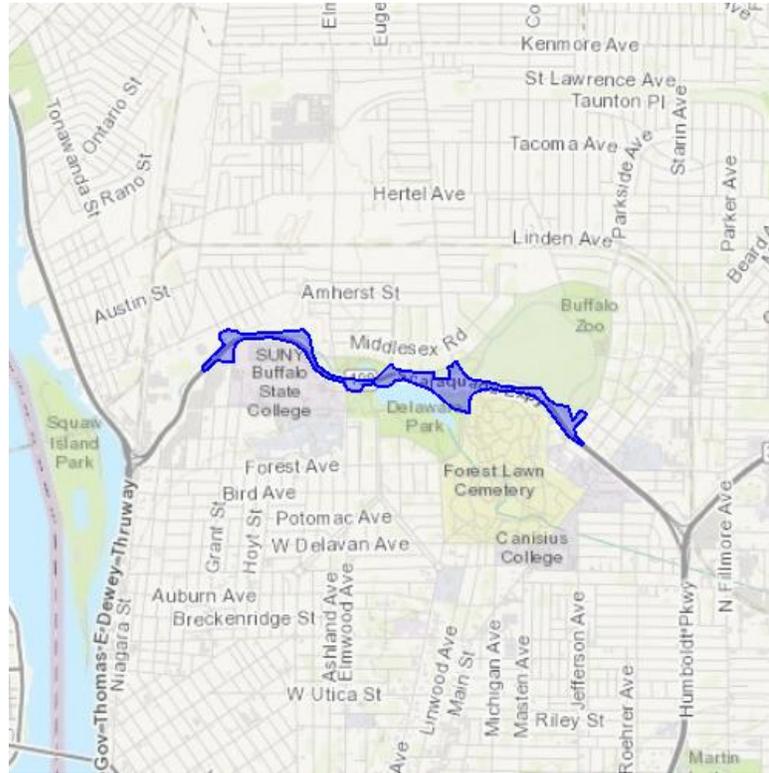
Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior
Fish and Wildlife Service

Project name: NY Route 198 (Scajquada Expressway) Corridor

Project Location Map:



Project Coordinates: The coordinates are too numerous to display here.

Project Counties: Erie, NY



United States Department of Interior
Fish and Wildlife Service

Project name: NY Route 198 (Scajaguada Expressway) Corridor

Endangered Species Act Species List

There are a total of 1 threatened or endangered 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. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Mammals	Status	Has Critical Habitat	Condition(s)
Northern long-eared Bat (<i>Myotis septentrionalis</i>)	Threatened		



United States Department of Interior
Fish and Wildlife Service

Project name: NY Route 198 (Scajquada Expressway) Corridor

Critical habitats that lie within your project area

There are no critical habitats within your project area.

NY Route 198 (Scajaquada Expressway) Corridor

IPaC Trust Resources Report

Generated September 06, 2016 08:53 AM MDT, IPaC v3.0.8

This report is for informational purposes only and should not be used for planning or analyzing project level impacts. For project reviews that require U.S. Fish & Wildlife Service review or concurrence, please return to the IPaC website and request an official species list from the Regulatory Documents page.

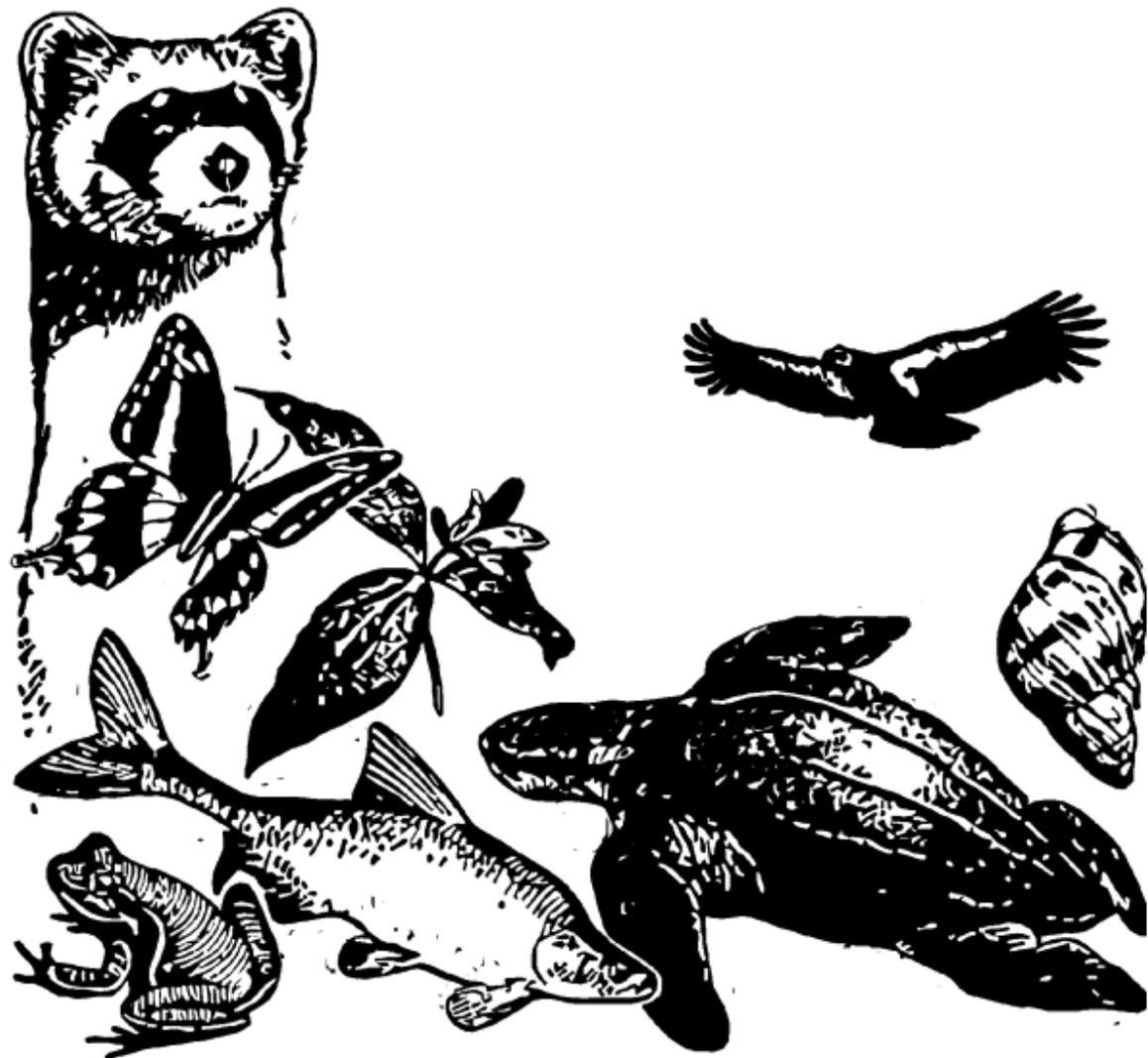


Table of Contents

IPaC Trust Resources Report	1
Project Description	1
Endangered Species	3
Migratory Birds	4
Refuges & Hatcheries	7
Wetlands	8

IPaC Trust Resources Report



NAME

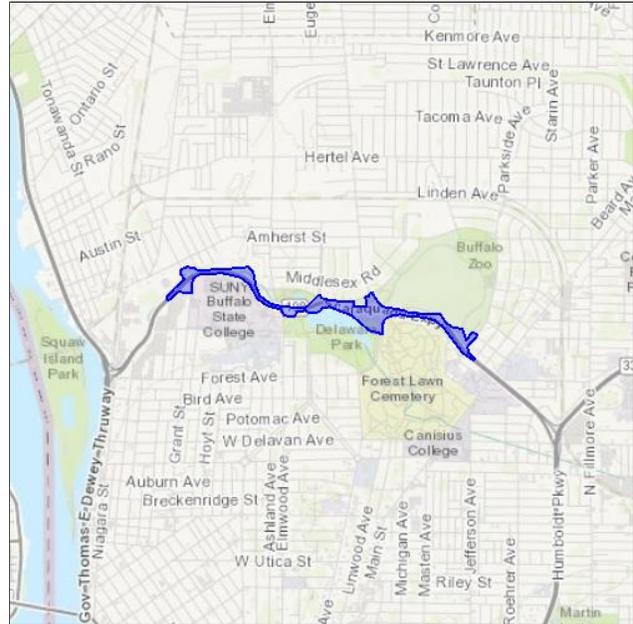
NY Route 198 (Scajaquada Expressway) Corridor

LOCATION

Erie County, New York

DESCRIPTION

Evaluation and reconstruction of 2.0 miles of 4-land divided highway (City of Buffalo, Erie, County, NY) from the Grant Street interchange to the Parkside intersection, inclusive. The purpose of the project is to provide geometric and operational



improvements to NYS Route 198 in its current location including the segment through Delaware Park. These improvements

will be made while maintaining local connectivity and a critical transportation link between I-190 and NYS Route 33, and providing enhanced compatibility with adjacent land uses.

A Design Report/EIS is currently being developed for FHWA and NYSDOT. They anticipate issuing a Joint Record of Decision by Spring 2017. Construction of the Build Alternative would take place over 24 to 48 months and could begin as early as fall 2017 pending the availability of funding. The construction cost is estimated at \$90 to \$100 million.

IPAC LINK

<https://ecos.fws.gov/ipac/project/RRK6W-Q5AXJ-BRHNT-XQDUZ-FP3XXY>

U.S. Fish & Wildlife Service Contact Information

Trust resources in this location are managed by:

New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9349

(607) 753-9334

Endangered Species

Proposed, candidate, threatened, and endangered species are managed by the [Endangered Species Program](#) of the U.S. Fish & Wildlife Service.

This USFWS trust resource report is for informational purposes only and should not be used for planning or analyzing project level impacts.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list from the Regulatory Documents section.

[Section 7](#) of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can only be obtained by requesting an official species list either from the Regulatory Documents section in IPaC or from the local field office directly.

The list of species below are those that may occur or could potentially be affected by activities in this location:

Mammals

Northern Long-eared Bat *Myotis septentrionalis*

Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=A0JE

Critical Habitats

There are no critical habitats in this location

Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the [Bald and Golden Eagle Protection Act](#).

Any activity that results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish & Wildlife Service.^[1] There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

1. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Additional information can be found using the following links:

- Birds of Conservation Concern
<http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Conservation measures for birds
<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Year-round bird occurrence data
<http://www.birdscanada.org/birdmon/default/datasummaries.jsp>

The following species of migratory birds could potentially be affected by activities in this location:

American Bittern *Botaurus lentiginosus*

Season: Breeding

http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F3

Bird of conservation concern

Bald Eagle *Haliaeetus leucocephalus*

Season: Year-round

http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B008

Bird of conservation concern

Black Tern *Chlidonias niger*

Season: Breeding

http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B09F

Bird of conservation concern

Black-billed Cuckoo *Coccyzus erythrophthalmus*

Season: Breeding

http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HI

Bird of conservation concern

Black-crowned Night-heron <i>Nycticorax nycticorax</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0EU	Bird of conservation concern
Blue-winged Warbler <i>Vermivora pinus</i> Season: Breeding	Bird of conservation concern
Canada Warbler <i>Wilsonia canadensis</i> Season: Breeding	Bird of conservation concern
Cerulean Warbler <i>Dendroica cerulea</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B09I	Bird of conservation concern
Common Tern <i>Sterna hirundo</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B09G	Bird of conservation concern
Golden-winged Warbler <i>Vermivora chrysoptera</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0G4	Bird of conservation concern
Least Bittern <i>Ixobrychus exilis</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B092	
Olive-sided Flycatcher <i>Contopus cooperi</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0AN	Bird of conservation concern
Peregrine Falcon <i>Falco peregrinus</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0FU	Bird of conservation concern
Pied-billed Grebe <i>Podilymbus podiceps</i> Season: Breeding	Bird of conservation concern
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> Season: Breeding	Bird of conservation concern
Short-eared Owl <i>Asio flammeus</i> Season: Wintering http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HD	Bird of conservation concern
Upland Sandpiper <i>Bartramia longicauda</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HC	Bird of conservation concern
Willow Flycatcher <i>Empidonax traillii</i> Season: Breeding http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0F6	Bird of conservation concern

Wood Thrush *Hylocichla mustelina*
Season: Breeding

Bird of conservation concern

Wildlife refuges and fish hatcheries

There are no refuges or fish hatcheries in this location

Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

This location overlaps all or part of the following wetlands:

Lake

[L1UBHh](#)

Riverine

[R2UBHx](#)

[R5UBH](#)

A full description for each wetland code can be found at the National Wetlands Inventory website: <http://107.20.228.18/decoders/wetlands.aspx>

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Fish, Wildlife & Marine Resources
New York Natural Heritage Program
625 Broadway, 5th Floor, Albany, New York 12233-4757
Phone: (518) 402-8935 • **Fax:** (518) 402-8925
Website: www.dec.ny.gov



September 09, 2016

Virginia L. Ursitti
Watts Architecture & Engineering
95 Perry Street
Buffalo, NY 14203

Re: NYS Route 198 (Scajaquada Expressway) Corridor, I-190 to NYS Route 33 (PIN 5470.22)
(Watts Job # Y6197)

Town/City: City of Buffalo.

County: Erie.

Dear Virginia Ursitti:

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

We have no records of rare or state-listed animals or plants, or significant natural communities at your site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; 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, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,

A handwritten signature in cursive script that reads "Andrea Chaloux".

Andrea Chaloux
Environmental Review Specialist
New York Natural Heritage Program



September 6, 2016

Peter Osborn, Division Administrator
Federal Highway Administration – New York Division
Leo W. O'Brien Federal Building, Room 719
11A Clinton Avenue
Albany, NY 12207

**RE: ESA SECTION 7, RARE, THREATENED OR ENDANGERED SPECIES
30 DAY CONSULTATION, NYS ROUTE 198
SCAJAQUADA EXPRESSWAY CORRIDOR
PIN 5470.22**

Dear Mr. Osborn:

The New York State Department of Transportation (NYSDOT) is in the preliminary phase of the above-referenced federally funded project. The purpose of the project is to provide geometric and operational improvements to NYS Route 198 in its current location from the intersection of Grant Street to the intersection of Parkside Avenue, including the segment through Delaware Park. These improvements will be made while maintaining local connectivity and a critical transportation link between Interstate 190 (I-190) and NYS Route 33, and providing enhances compatibility with adjacent land uses. Construction of this project is currently scheduled to occur between December 2017 and September 2021.

As part of the environmental process, a review of the Endangered Species Act (ESA) Section 7, determination of rare, threatened, or endangered species within the project corridor is required. NYSDOT reviewed the 3 Step ESA Process for the northern long-eared bat (*Myotis septentrionalis*) (NLEB). As a result of this review, NYSDOT made a preliminary "May Affect" determination for the NLEB. A NLEB Consultation Form (30-Day Form), Suitable Habitat Assessment Form for Trees (NLEB SHAFT), and an ESA Transmittal Sheet were completed as part of the ESA Submission package and are attached for the Federal Highway Administration's (FHWA) review. Additional details regarding the review are summarized below.

An IPAC review was conducted on August 3, 2016. The NLEB was the only federally listed, endangered or threatened species under U.S. Fish and Wildlife Services (USFWS) jurisdiction identified for this project. Any tree removals greater than 3 inches in diameter require review and assessment as suitable habitat for the NLEB. The project is expected to require the removal of approximately 974 trees (78 acres); will not remove any trees or involve construction within 0.5 miles of any known NLEB hibernaculum at any time of the year, and will not involve construction (including tree

Peter Osborn, Division Administrator

PIN 5470.22

September 6, 2016

Page 2 of 2

removal) within a 150-foot radius from a know occupied maternity roost tree. Based on the proposed project letting and schedule, it is anticipated that the trees will need to be cut outside the pup season of May 1st through July 31st. NYSDOT made a preliminary "May Affect" determination for the NLEB. A Bridge/Bat Survey Form will be completed within one (1) year prior to the start of work and will be sent to FHWA upon completion.

A New York Natural Heritage Program (NYNHP) review was conducted and other than the state listing of the NLEB, it was determined that this project will have "No Effect" on any other state listed species. The NLEB was not identified in the NYNHP database, but is automatically state listed because of the federal listing. Furthermore, pursuant to 6 NYCRR Part 182, NYSDOT determined that the proposed activity is not likely to result in the take or taking of the NLEB and therefore, is not subject to the regulation under this Part.

At this time, NYSDOT is submitting the required documents for FHWA review and requesting concurrence with a "May Affect" 4(d) Rule Compliance determination for the NLEB for the removal of 974 trees (78 acres), proposed to occur between December 2017 and September 2021 as part of the subject project.

If you have any questions or require additional information, please contact me at (716) 847-3865.

Sincerely,



Sylvia J. Jones
Regional Environmental Contact

SJJ/ljg
Attachments

cc: Hans Anker, P.E., Senior Area Engineer, FHWA, NY Division (email w/ attach)
Kenneth Baginski, Wildlife Manager, NYSDEC, Region 9 (mail w/o attach)
File

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	MA, NLAA, 14-Day Form	MA, 30 Day Form	MA, NLAA, Traditional 7-step Process	Bridge/Bat Survey Form	MA, LAA
Northern Long-eared Bat					X		X	
Indiana Bat	X				NA			
Bog Turtle	X			NA	NA		NA	
Mollusks (Dwarf Wedge Mussel, Rayed Bean, Clubshell, Chittenango Ovate Amber Snail)	X			NA	NA		NA	
Karner Blue Butterfly	X			NA	NA		NA	
Sturgeon (Shortnose, Atlantic)	X			NA	NA		NA	
Other listed species (Please list)				NA	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.	NYS DOT submits "No Suitable Habitat Determination" to FHWA for "No Effect" Concurrence.	NYS DOT submits 14-day Form to the USFWS w/ cc: to Area Engineer.	NYS DOT submits 30-day Form to FHWA, who submits it to USFWS for concurrence.	NYS DOT submits either BE or BA to FHWA, who submits to USFWS for concurrence.	NYS DOT submits Bridge/Bat Survey Form to FHWA.	NYS DOT 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 should include all documentation for all species requiring 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.



NLEB Consultation Form (30-Day Form)

This form is for the following:

- 1. Projects in the following locations:
 - a. Outside the range of the Indiana bat but within the range of the NLEB (using IPaC); OR
 - b. Projects without Ibat habitat (using the Ibat SHAFT), but with NLEB habitat (using the NLEB SHAFT), or with assumed NLEB habitat.

AND

- 2. Projects that meet all of the following requirements:
 - a. Tree removal within either assumed or determined suitable summer habitat (using the NLEB SHAFT) that is proposed to occur between April 1 and April 30, or between August 1 and September 30; and
 - b. Construction activities including tree removal that is greater than 150 feet from known NLEB roost sites (using NYNHP); and
 - c. Construction activities including tree removal that is greater than 0.25 miles from a known NLEB hibernacula (using NYNHP); and
 - d. Tree removal that is greater than 100-feet from a road/rail/bridge surface proposed to be completed between August 1 and April 30.

All Projects: 30-Day Form Requirements (Information to determine 4(d) Rule Compliance):

	YES	NO
1. Could the project disturb hibernating NLEBs in a known hibernaculum?	<input type="checkbox"/>	X
2. Could the project alter the entrance or interior environment of a known hibernaculum?	<input type="checkbox"/>	X
3. Does the project remove any trees or involve construction within 0.25 miles of a known hibernaculum at any time of year?	<input type="checkbox"/>	X
4. Would the project cut or destroy (during any time of year) known occupied maternity roost trees, or any other trees, or involve any construction activities within a 150-foot radius from the maternity roost tree?	<input type="checkbox"/>	X

You are eligible to use this form if you have answered no to questions 1-4. The remainder of the form will be used by the USFWS to determine if additional consultation is required and to track the BO.

All Projects: Project Details

Project Name: **NY Route 198 (Scajaquada Expressway) Corridor**

PIN: 5470.22

Lat/Long: **42°56'03.3"N 78°52'07.8"W**

Region: 5

Project Description: Project would provide geometric and operational improvements to the Expressway in its current location, while enhancing compatibility with adjacent land uses. The corridor begins west of Grant St., passes through the Museum District, historic Delaware Park, and ends with the Parkside Ave intersection.

FWS Consult. Code (from IPaC Trust Resources Report "link"): **05E1NY00-2016-SLI-2200**

Distance to known hibernacula: >5 miles

Distance to known roost sites, maternity colonies, or forage sites: >5 miles

Did NYSDOT determine that suitable habitat exists by using the NLEB SHAFT?

YES **NO**



Northern Long Eared Bat



If YES, please attach a copy of the SHAFT Form to this document.

If NO, is NYSDOT assuming NLEB habitat?

YES NO

Tree Removal Projects

Dates of tree removal (approximate): Trees will NOT be removed from May 1st through July 31st

Amount of tree removal, in acres (if less than 10 trees, report as 0.10 acre): approx. 78 acres (974 trees)

Bridge Projects

Description of project components that are outside the FHWA Rangewide Programmatic BO, such as a change in permanent lighting: Existing highway and pedestrian lighting will be replaced.

Note: The completion of the Bridge/Bat Survey Form within 1 year of the project is required for bridge projects- please see the form for instructions.

All Projects: Effects Determination

Is the determination that NYSDOT is concluding "May Affect" the NLEB?

YES NO

By signing this form, NYSDOT has determined that this project may affect the NLEB, but that any resulting incidental take of the NLEB is not prohibited by the final 4(d) rule.

If the USFWS does not respond within 30 days from submittal of this form, FHWA may presume that its determination is informed by the best available information and that its project responsibilities under 7(a)(2) with respect to the NLEB are fulfilled through the USFWS January 5, 2016, Programmatic BO.

FHWA understands that the USFWS presumes that all activities are implemented as described herein. FHWA will promptly report any departures from the described activities to the appropriate USFWS Field Office. FHWA will provide the appropriate USFWS Field Office with the results of any surveys conducted for the NLEB. Involved parties will promptly notify the appropriate USFWS Field Office upon finding a dead, injured, or sick NLEB.

Name (individual completing the form)/ Agency (NYSDOT or Local): Virginia L. Ursitti, QEP (Watts A&E)

Phone Number: 716-874-6769

Email Address: vursitti@watts-ae.com

NYSDOT Signature: *Sylvia Jones*

Date: 9/2/2016

FHWA Contact (name/email): Hans Anker / Hans.Anker@dot.gov

Procedure:

NYSDOT submits this form to the FHWA Area Engineer, requesting their concurrence with the May Affect 4(d) compliance determination. The submission is to be one email with a project location map attached, with the project's Action Area clearly delineated on the map. If FHWA concurs with the determination, the NYSDOT's email will be forwarded to the USFWS (with a cc: to the NYSDOT contact person).

The USFWS has 30 calendar days to comment or request additional information, and will "reply to all". If FHWA/NYSDOT is not notified within 30 days, Section 7 consultation for the NLEB is complete. The Area Engineer will then issue an ESA Concurrence Letter to NYSDOT.





NLEB Suitable Habitat Assessment Form for Trees (NLEB SHAFT)

Project Name: NY Route 198 (Scajaquada Expressway) Corridor PIN: 5470.22

Acres Proposed to be Cut: 78.0 acres (974 trees) Lat/Long: 42.934313,-78.869907

Project Description: The purpose of the project is to provide geometric and operational improvements to NYS Route 198 in its current location from the intersection of Grant Street to the intersection of Parkside Avenue, including the segment through Delaware Park. These improvements will be made while maintaining local connectivity and a critical transportation link between I-190 and NYS Route 33, and providing enhanced compatibility with adjacent land uses.

Summary of NYNHP Database Results (proximity to known hibernacula, roost trees, maternity colonies, or forage locations): No reported occurrences of hibernacula, roost trees, maternity colonies, or forage locations.

Results of Field-based NLEB Suitable Bat Habitat Assessment:

- Does the Tree Removal Area contain forested/wooded habitat that is made up of trees greater than 3" dbh, that also exhibit signs of exfoliating bark, cracks crevices, and/or cavities, OR that also is mixed with larger trees? Yes
- Does the Tree Removal Area have individual trees that have exfoliating bark, cracks, crevices, and/or cavities, and are closer than 1000' from other forested/wooded habitat? Yes
- Does the Tree Removal Area contain any of the following: adjacent and interspersed emergent wetlands and adjacent areas of agricultural fields, old fields, and pastures, and forests and woodlots (range from dense to loose aggregates of trees) that contain live trees and/or snags greater or equal to 3" dbh that have exfoliating bark, cracks, crevices, and/or cavities? Yes

If the answer is yes to any of the above questions, the determination is that "Suitable NLEB Habitat" exists within the Tree Removal Area.

Determination:



No Suitable NLEB Habitat

*You can conclude "No Effect", No Suitable Habitat.



Suitable NLEB Habitat

*Must complete Rangewide 14-Day Form, 30- Day Form, or Formal

Characterization/Description of the Habitat: The project parallels Scajaquada Creek for much of the way. This is a narrow, wooded corridor, that could provide NLE bat habitat and connects to wooded and open-grown treed areas in Delaware Park. The corridor is surrounded by a large urban area with little other connecting habitat.

Comments (include specific bat species, if applicable, such as no roost trees for northern long-eared bat specifically were noted by NYNHP): No roost tree occurrences noted by NYNHP

Name (individual completing the field assessment): Virginia L. Ursitti, QEP (Watts A&E)

Signature: *Virginia L. Ursitti, QEP* Date: 8/25/2016

Phone Number: 716-874-6769 E-mail Address: vursitti@watts-ae.com





U.S. Department
of Transportation
**Federal Highway
Administration**

New York Division

October 11, 2016

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

In Reply Refer To:
HED-NY

Ms. Sylvia Jones
New York State Department of Transportation, Region 5
100 Seneca Street
Buffalo, NY 14203-2939

Subject: PIN 5470.22 Endangered Species Act Determination
NYS Route 198 Scajaquada Expressway Corridor Project
City of Buffalo, Erie County

Dear Ms. Jones:

We have reviewed the documentation you submitted dated September 6 regarding consultation under Section 7 of the Endangered Species Act for the subject project. We forwarded the documentation to the United States Fish and Wildlife Service (USFWS) on September 7 for their independent review, and 30 days has passed with no response.

The Federal Highway Administration (FHWA) concurs with your recommendation that the project "May Affect, but is Not Likely to Adversely Affect" the Northern long-eared bat as approximately 974 trees will be removed between August 1 and September 30.

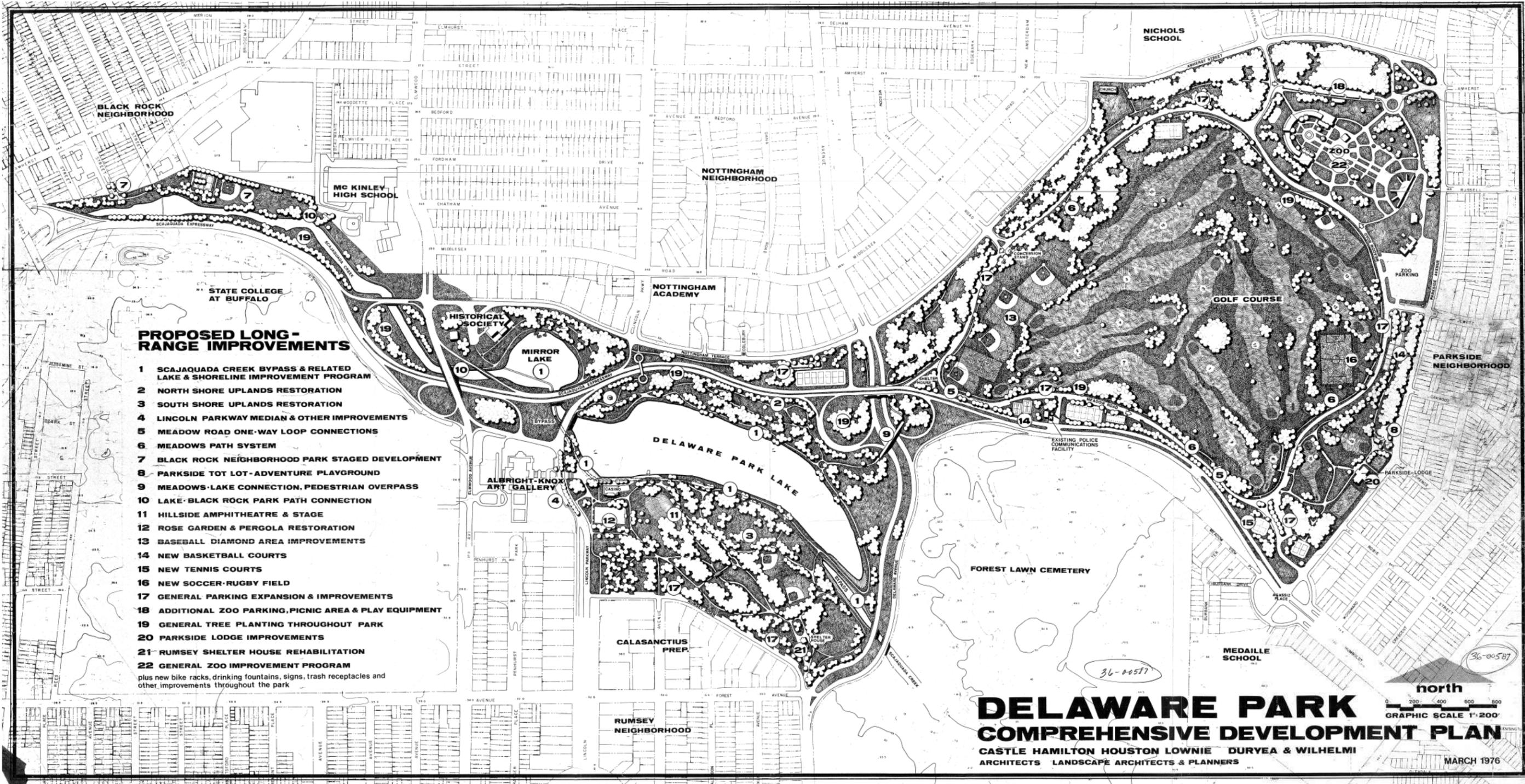
If the proposed project involves bridge work between the dates of April 1 and September 30, there is a requirement for a Bridge/Bat Survey Form to be completed within 1 year of anticipated work. As long as the survey concludes that there are no signs of bats, then the "May Affect, not Likely to Adversely Affect" determination remains valid. Prior to completing work, please submit a copy of the April 2016 Bridge/Bat Survey Form indicating 'no bats observed' as part of the documentation package.

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.

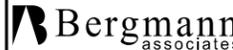
If you have any questions, please contact me at (518) 431-8896.

Sincerely,

Hans Anker, P.E.
Senior Area Engineer

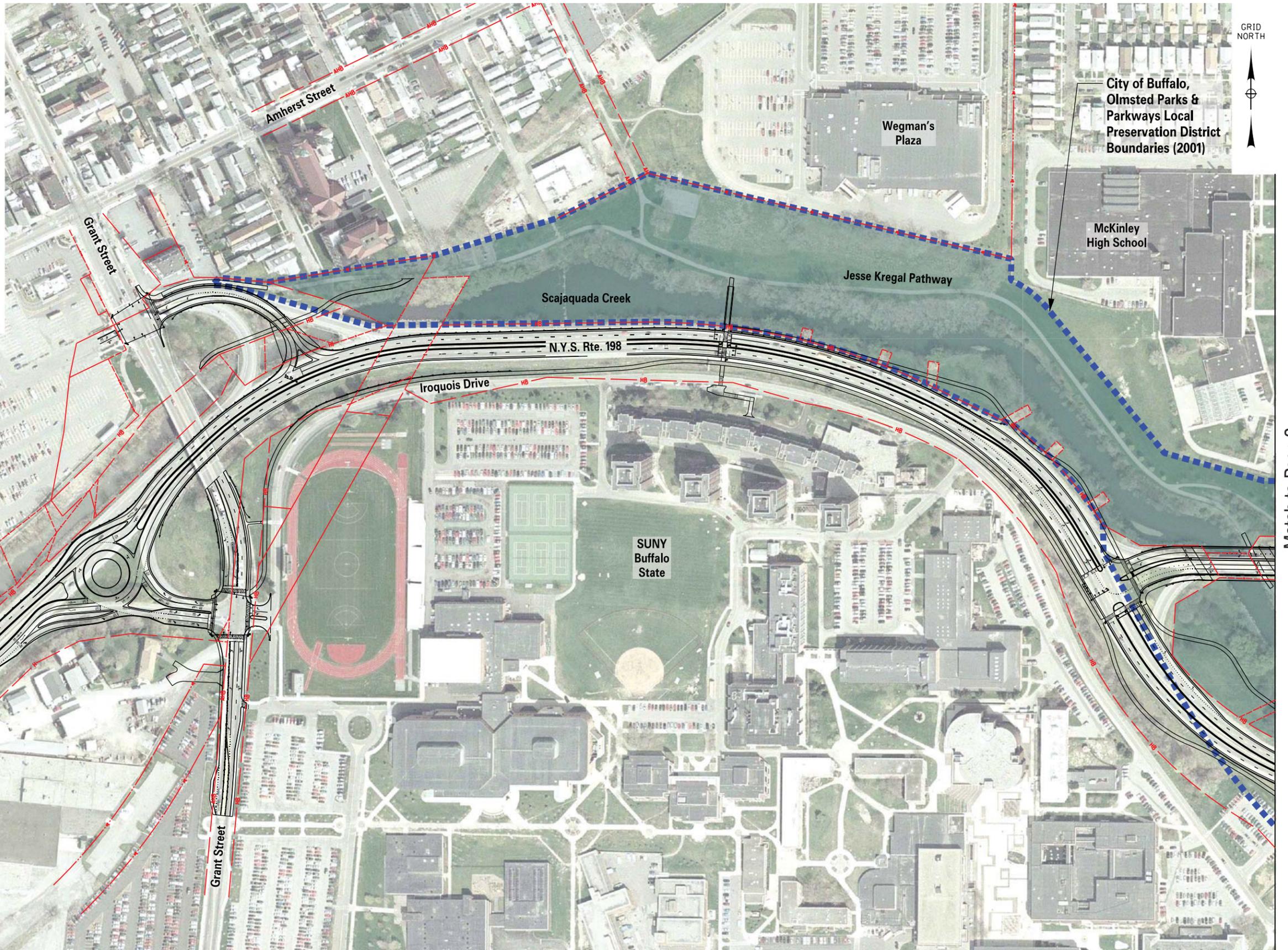
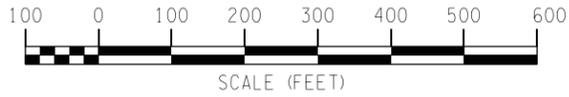


SCALE: DELAWARE PARK COMPREHENSIVE DEVELOPMENT PLAN, LANDSCAPE

 Department of Transportation			
<p align="center">NYS Route 198 (Scajaquada Expressway Corridor) P.I.N. 5470.22</p>			
<p align="center">Exhibit 4.4.12-2 Delaware Park Comprehensive Development Plan</p>			
SHEET NO. 1 of 1	SCALE N.T.S.	DATE 9/16	

LEGEND

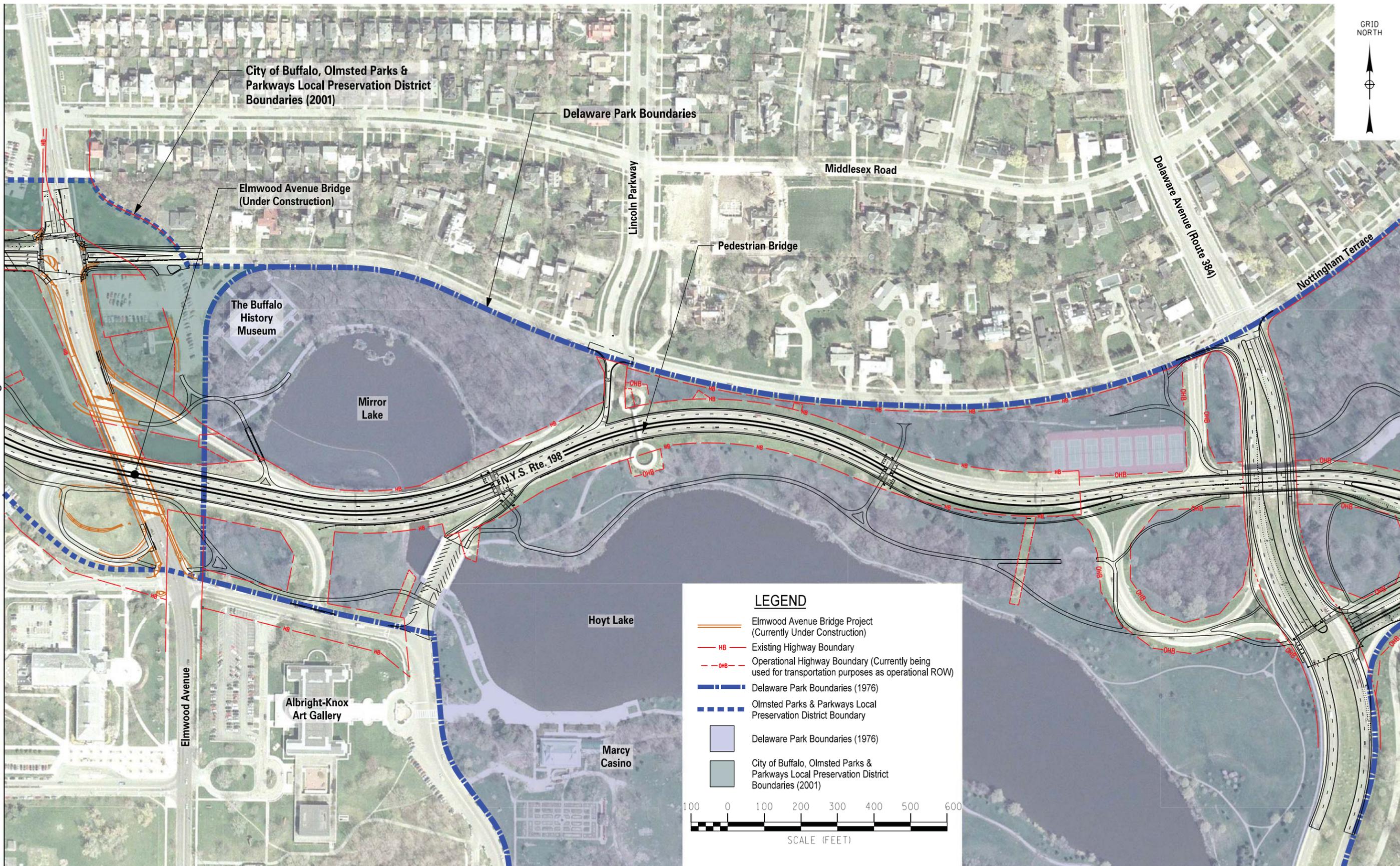
-  Elmwood Avenue Bridge Project (Currently Under Construction)
-  Existing Highway Boundary
-  Operational Highway Boundary (Currently being used for transportation purposes as operational ROW)
-  Delaware Park Boundaries (1976)
-  Olmsted Parks & Parkways Local Preservation District Boundary
-  Delaware Park Boundaries (1976)
-  City of Buffalo, Olmsted Parks & Parkways Local Preservation District Boundaries (2001)



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Match to Page 1

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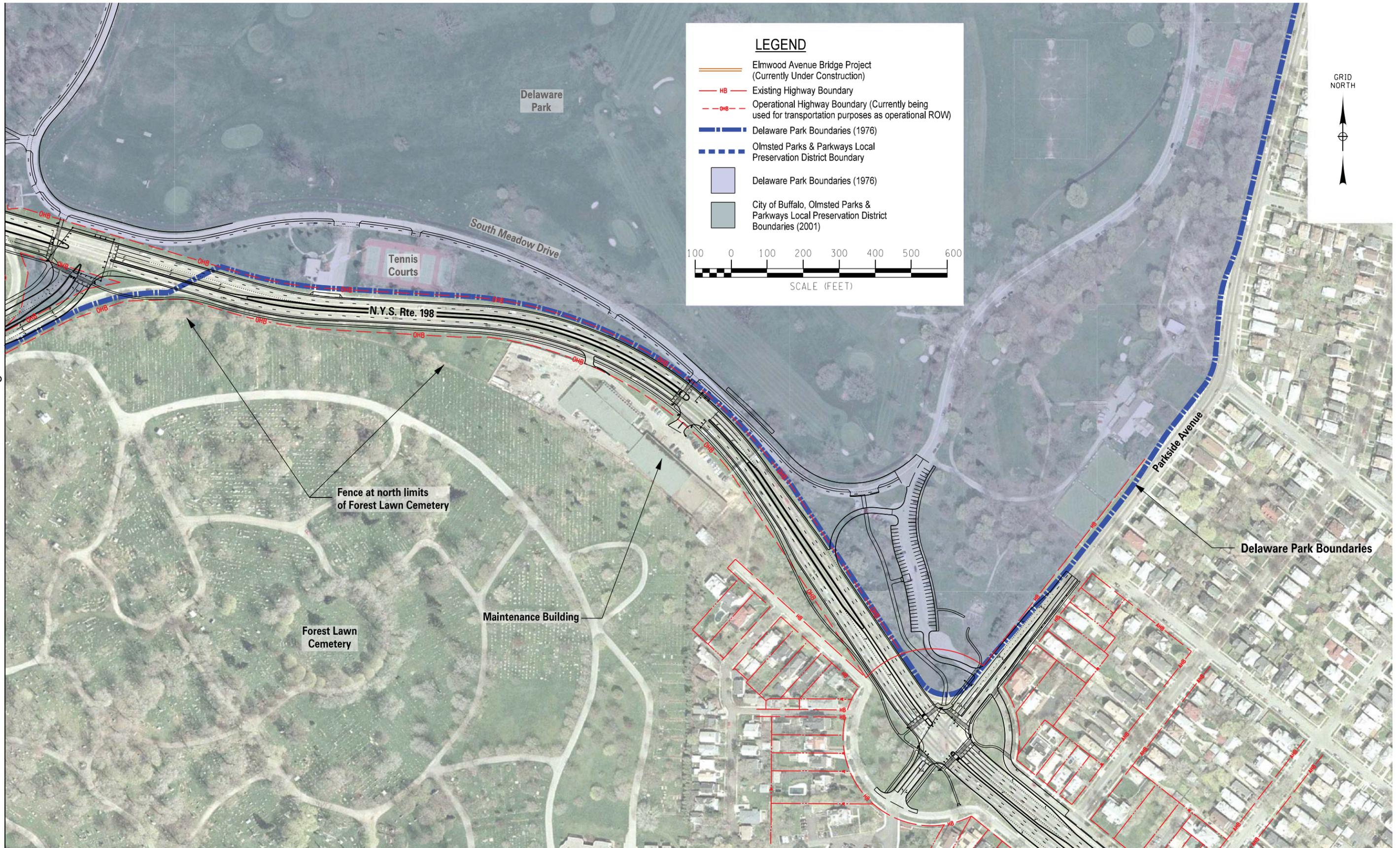


LEGEND

- Elmwood Avenue Bridge Project (Currently Under Construction)
- Existing Highway Boundary
- Operational Highway Boundary (Currently being used for transportation purposes as operational ROW)
- Delaware Park Boundaries (1976)
- Olmsted Parks & Parkways Local Preservation District Boundary
- Delaware Park Boundaries (1976)
- City of Buffalo, Olmsted Parks & Parkways Local Preservation District Boundaries (2001)

100 0 100 200 300 400 500 600
SCALE (FEET)

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NIAGARA RIVER GREENWAY CONSISTENCY REVIEW FORM (NRGCRF)

2. *Niagara River Greenway Principles*

Will the proposed action support the Niagara River Greenway's Principles (pg. 22)? Explain:

The proposed project is consistent with several of the Principles of the Niagara River Greenway Plan, including:

Accessibility / Connectivity: Project objectives include improvements to pedestrian and bicyclist connectivity by incorporating design features that provide for continuous travel along the corridor. Additionally, there will be an increased number of opportunities for pedestrians and bicyclist to cross NYS Route 198.

Ecological Integrity: The project proposes several measures to enhance the ecological integrity of the area, including:

- enhanced water quality by treating storm water runoff;
- reduced net impervious area along the corridor;
- an increase of landscape areas along the corridor and within the proposed median areas.

Public Well-Being: Aesthetic improvements throughout the corridor will enhance quality of life by improving the visual compatibility between the roadway and its surroundings. The project also proposes to change the character of the roadway from an urban expressway to an urban boulevard, which also supports an enhanced quality of life. The project proposes to address identified geometric and operational deficiencies along NYS Route 198 in a manner that promotes traffic calming and enhances safety for users.

3. *Niagara River Greenway Goals*

Will the proposed action support the Niagara River Greenway's Goals (pg. 22-25)? Explain:

The proposed action is consistent with several of the Goals of the Niagara River Greenway Plan, including:

Improving Access and Making Connections: Pedestrian and bicyclist accommodations are currently provided on the north side on NYS Route 198 via the Jessie Kregal Pathway. The proposed project would expand sidewalks and shared use pathways, providing enhanced access to Delaware Park and numerous adjacent cultural facilities. The project also proposes to provide additional crossings of NYS Route 198 which will expand multimodal opportunities, such as walking and bicycling throughout the corridor.

Protect and Restore Ecological Systems: Treatment of stormwater runoff along the NYS Route 198 is currently limited, with most of the runoff discharging directly into the Scajaquada Creek. This project will enhance water quality by reducing the net impervious area along the corridor, thus reducing runoff, and by providing stormwater treatment (in accordance with State Pollutant Discharge Elimination System Permit) to runoff from any new/replaced impervious areas.

Extend Olmsted's Legacy: In January 2008, the Olmsted Parks Conservancy produced, "[The Olmsted City, The Buffalo Olmsted Park System: Plan for the 21st Century.](#)" This plan describes the Conservancy's goal to restore the historic landscape of the Olmsted Parks System.

Features that would be included as part of the Build Alternative that would support the goals of the Conservancy's restoration plan include:

- Changing the character of the roadway from an urban expressway to an urban boulevard with two (2) travel lanes in each direction and lower posted speeds;
- Retaining the existing pedestrian bridge over NYS Route 198 located just east of Lincoln Parkway;
- Reverting existing ramps to parkland;

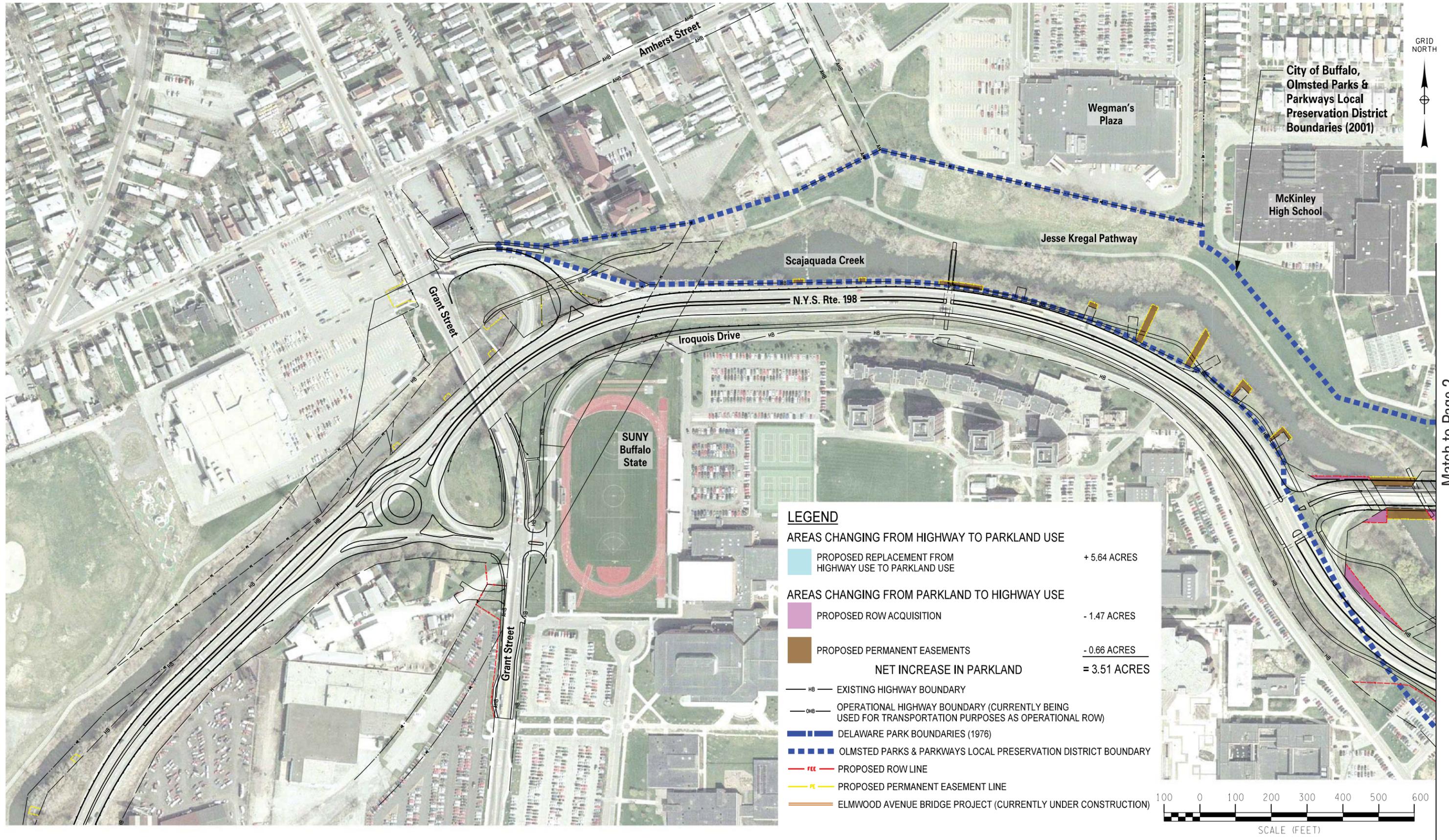
NIAGARA RIVER GREENWAY CONSISTENCY REVIEW FORM (NRGCRF)

- Converting the National Register listed Lincoln Parkway Bridge to a pedestrian bridge;
- Constructing pathways in the park on their historic alignments as part of an Environmental Enhancement;
- Constructing a stormwater treatment area near the outlet of Scajaquada Creek downstream of Hoyt Lake;
- Reducing the total amount of impervious surface area which will improve the water quality in Scajaquada Creek;
- Providing landscaping in the proposed median areas and along NYS Route 198.

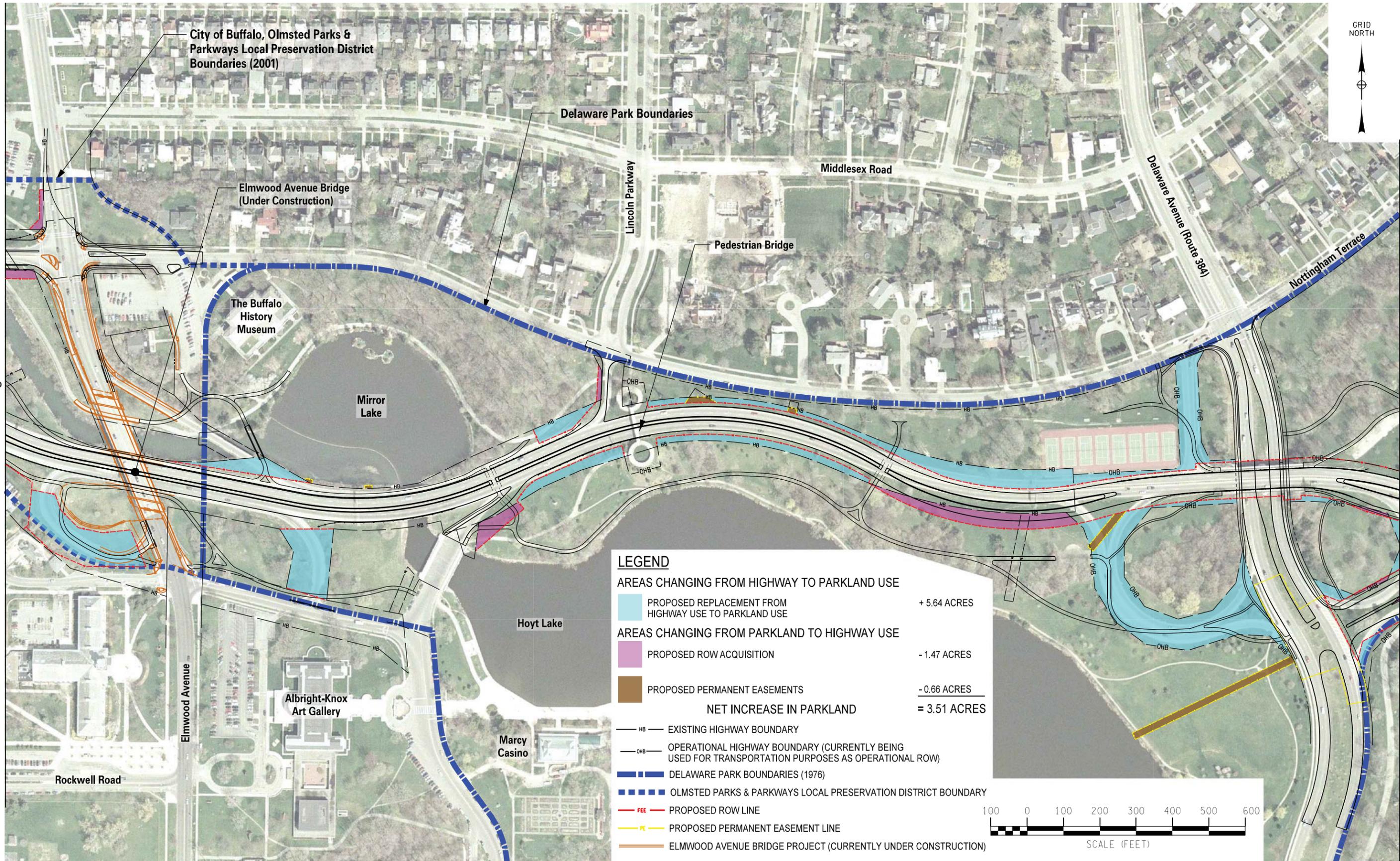
4. *Niagara River Greenway Criteria*

Will the proposed action support the Niagara River Greenway's Criteria (pg. 27-35)? Explain:

Based on the responses in the first three sections, the proposed project supports the Niagara River Greenway's Criteria. Specifically, the proposed project is consistent with the *Greenway Principles* (see Question 2). In addition, the project is *consistent with several initial priorities* for the Greenway, including improved access to waterfront access, development of an integrated trail and park system, and restoration of the Niagara River ecosystem. The project helps to *establish strong linkages* between the Greenway focus area and the surrounding area. Finally, the project *takes into consideration other planning efforts*, including the City of Buffalo's Comprehensive Master Plan, Local Waterfront Revitalization Program, and 'Complete Streets' policy, the SUNY Buffalo State University Facilities Master Plan, and various plans by the Olmsted Parks Conservancy, NYS Dept. of Environmental Conservation, Forest Lawn Cemetery, and other private developments.



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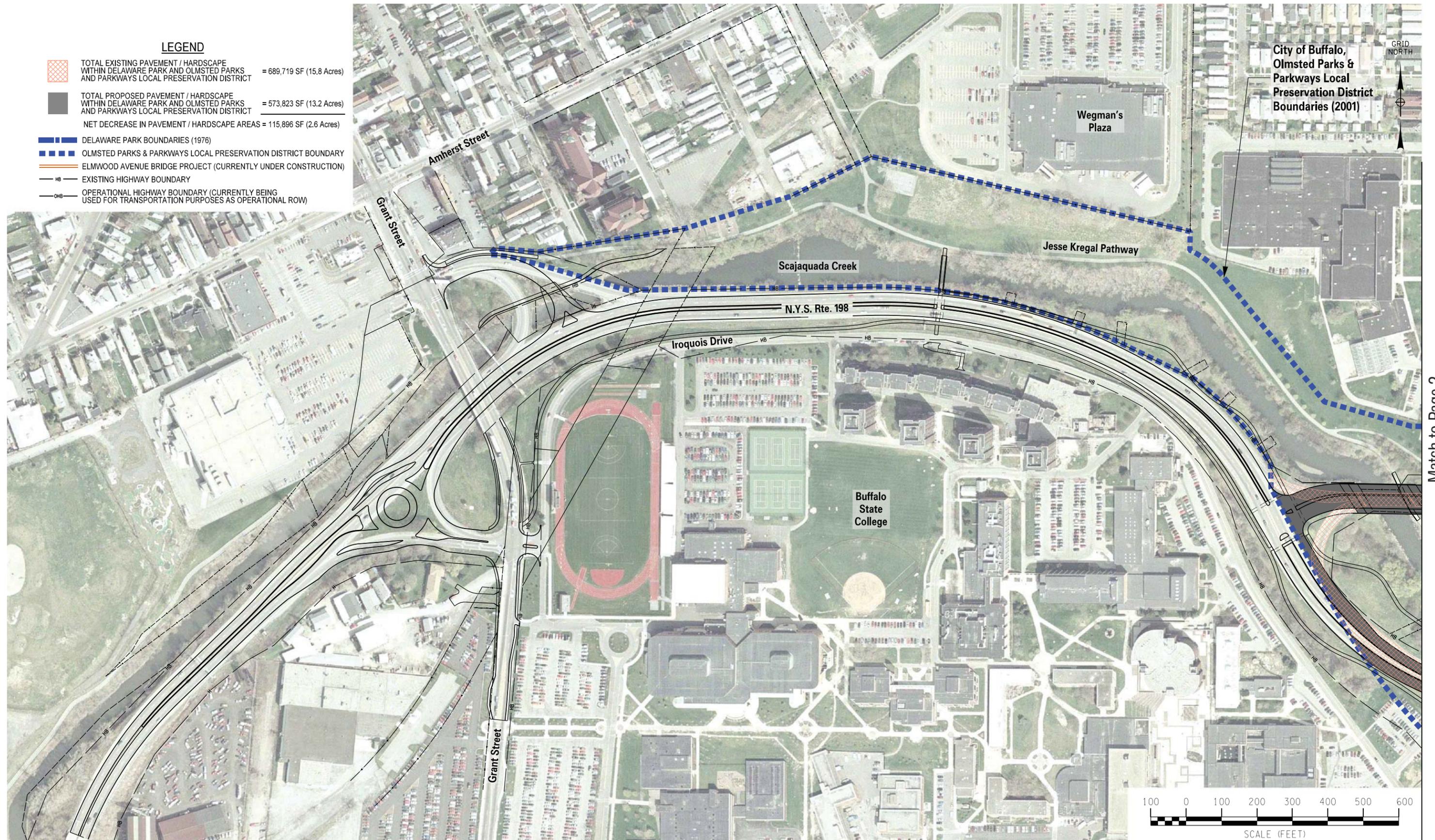


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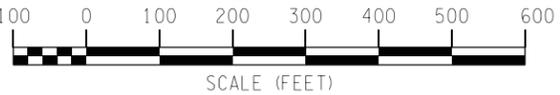
-  TOTAL EXISTING PAVEMENT / HARDSCAPE WITHIN DELAWARE PARK AND OLMSTED PARKS AND PARKWAYS LOCAL PRESERVATION DISTRICT = 689,719 SF (15.8 Acres)
-  TOTAL PROPOSED PAVEMENT / HARDSCAPE WITHIN DELAWARE PARK AND OLMSTED PARKS AND PARKWAYS LOCAL PRESERVATION DISTRICT = 573,823 SF (13.2 Acres)
- NET DECREASE IN PAVEMENT / HARDSCAPE AREAS = 115,896 SF (2.6 Acres)
-  DELAWARE PARK BOUNDARIES (1976)
-  OLMSTED PARKS & PARKWAYS LOCAL PRESERVATION DISTRICT BOUNDARY
-  ELMWOOD AVENUE BRIDGE PROJECT (CURRENTLY UNDER CONSTRUCTION)
-  EXISTING HIGHWAY BOUNDARY
-  OPERATIONAL HIGHWAY BOUNDARY (CURRENTLY BEING USED FOR TRANSPORTATION PURPOSES AS OPERATIONAL ROW)

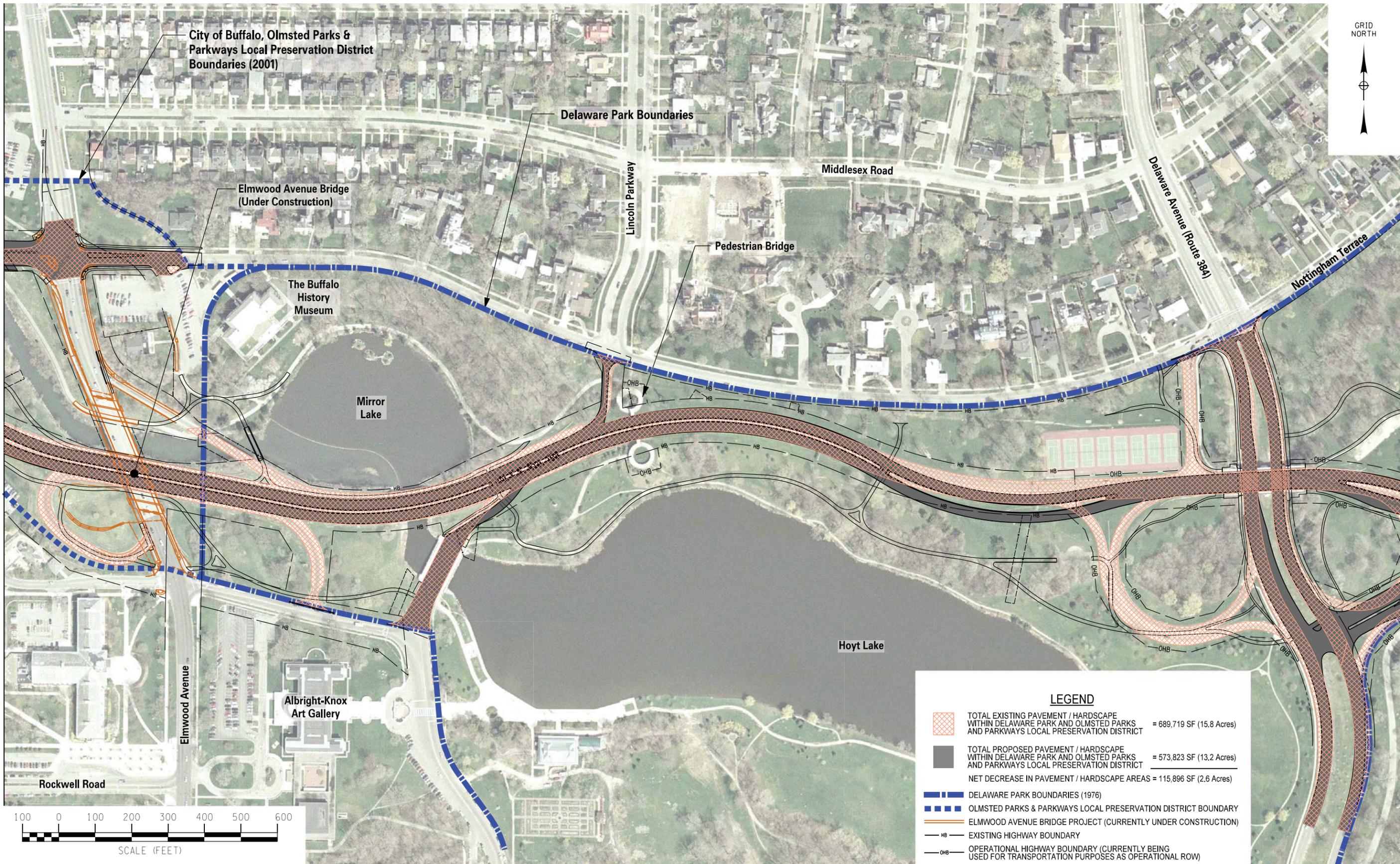


City of Buffalo,
Olmsted Parks &
Parkways Local
Preservation District
Boundaries (2001)

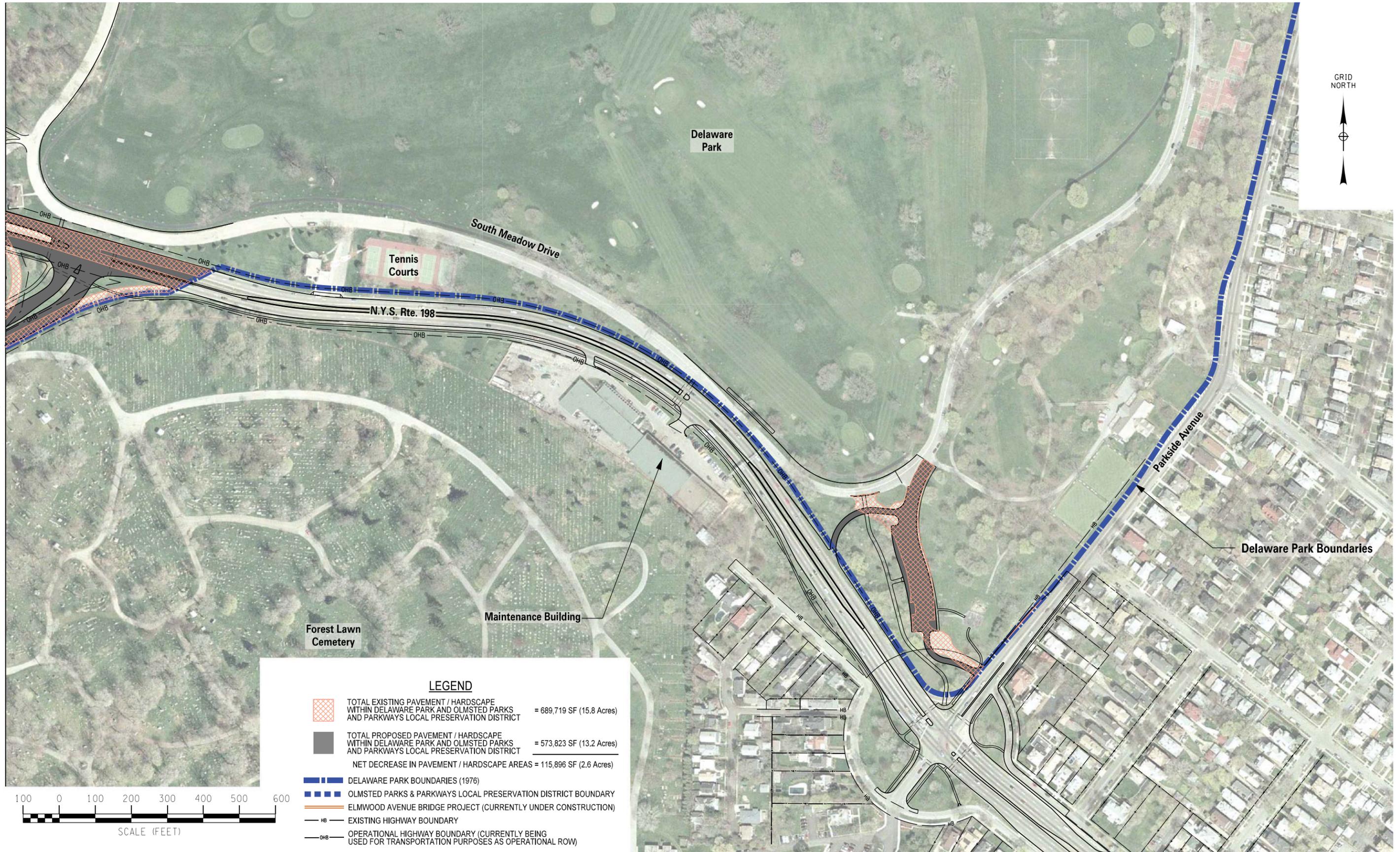
GRID NORTH

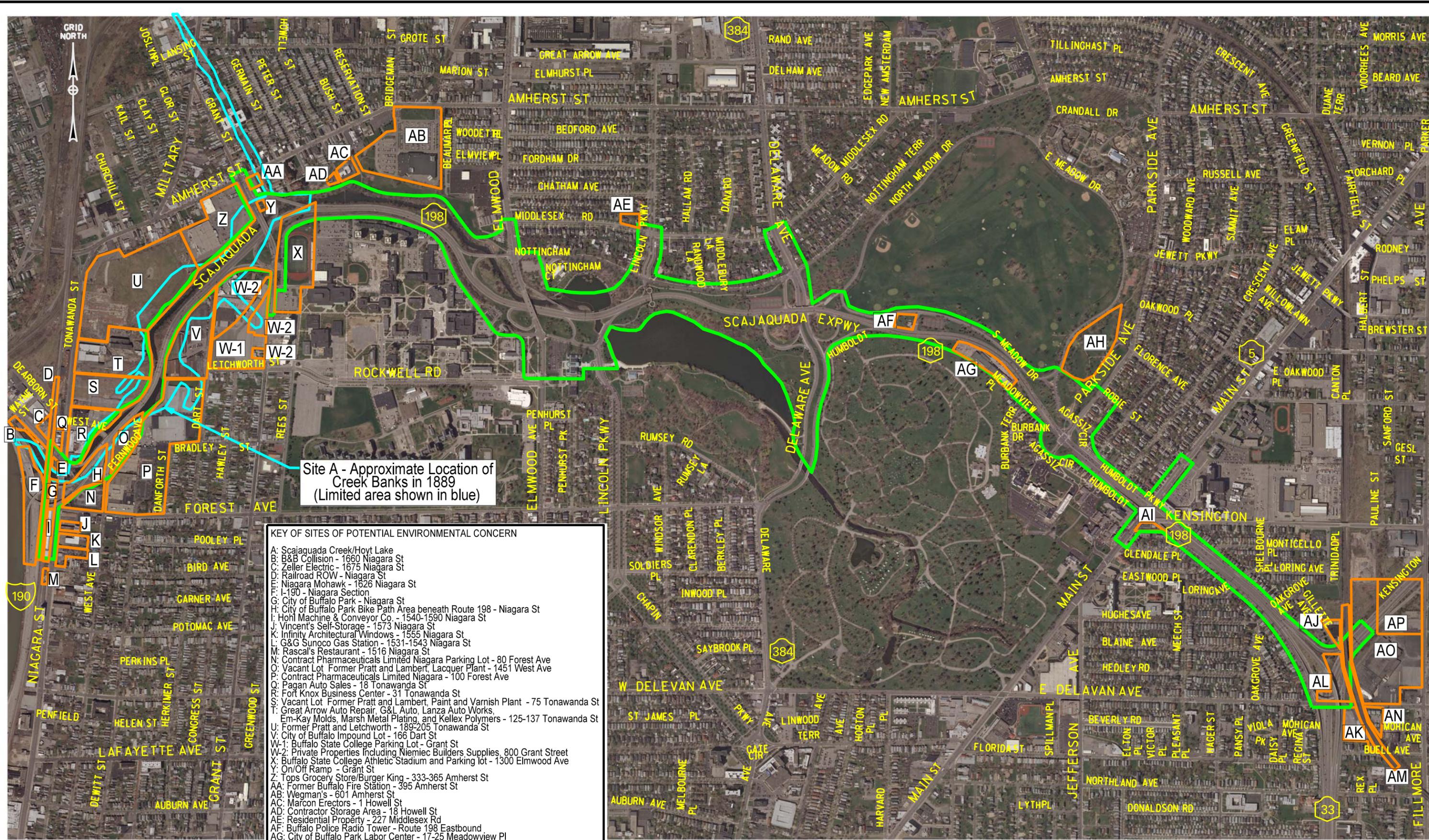
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Site A - Approximate Location of Creek Banks in 1889 (Limited area shown in blue)

KEY OF SITES OF POTENTIAL ENVIRONMENTAL CONCERN

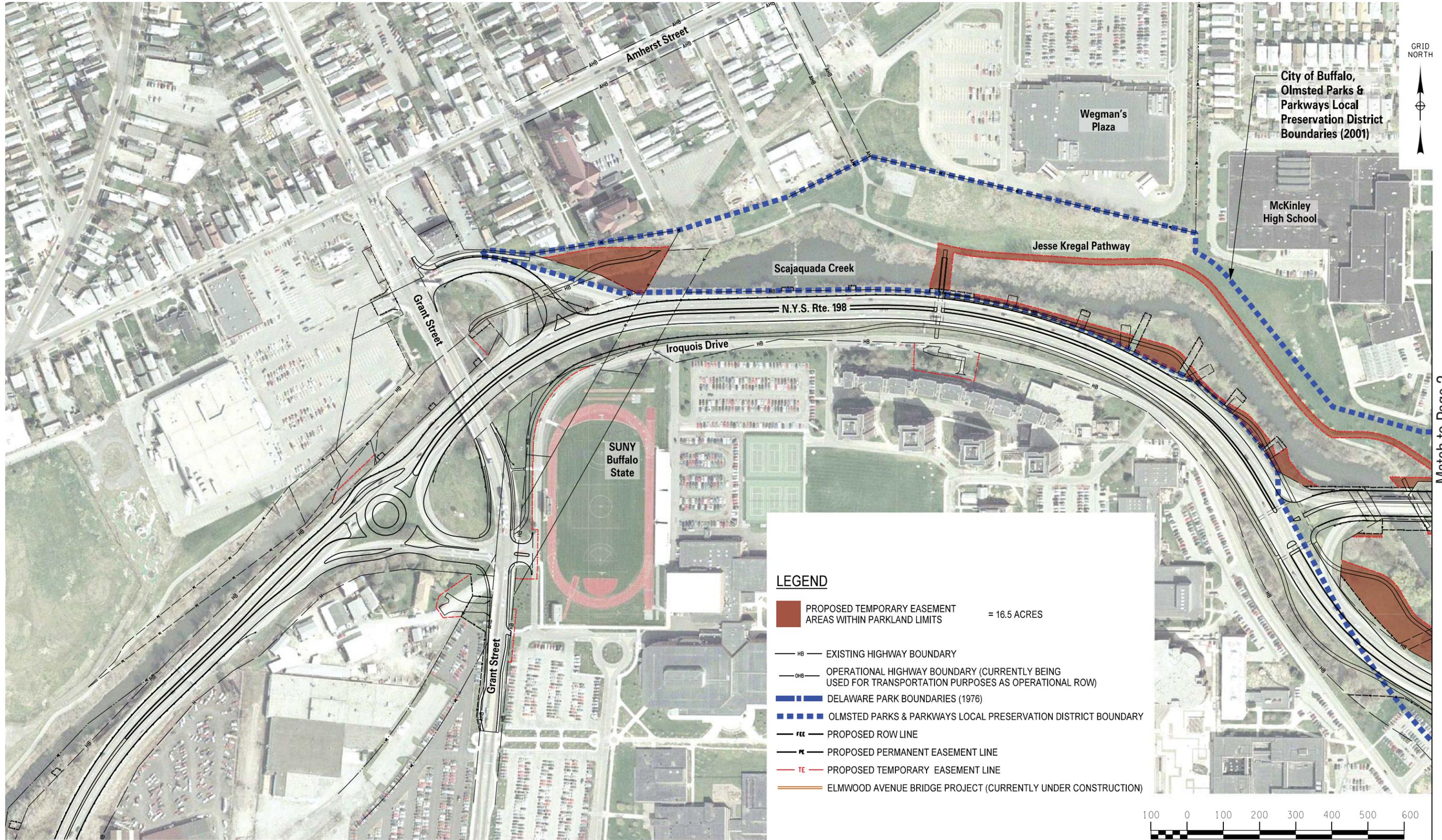
- A: Scajaquada Creek/Hoyt Lake
- B: B&B Collision - 1660 Niagara St
- C: Zeller Electric - 1675 Niagara St
- D: Railroad ROW - Niagara St
- E: Niagara Mohawk - 1626 Niagara St
- F: I-190 - Niagara Section
- G: City of Buffalo Park - Niagara St
- H: City of Buffalo Park Bike Path Area beneath Route 198 - Niagara St
- I: Hohl Machine & Conveyor Co. - 1540-1590 Niagara St
- J: Vincent's Self-Storage - 1573 Niagara St
- K: Infinity Architectural Windows - 1555 Niagara St
- L: G&G Sunoco Gas Station - 1531-1543 Niagara St
- M: Rascal's Restaurant - 1516 Tonawanda St
- N: Contract Pharmaceuticals Limited Niagara Parking Lot - 80 Forest Ave
- O: Vacant Lot Former Pratt and Lambert, Paint and Varnish Plant - 1451 West Ave
- P: Contract Pharmaceuticals Limited Niagara - 100 Forest Ave
- Q: Pagan Auto Sales - 18 Tonawanda St
- R: Fort Knox Business Center - 31 Tonawanda St
- S: Vacant Lot Former Pratt and Lambert, Paint and Varnish Plant - 75 Tonawanda St
- T: Great Arrow Auto Repair, G&L Auto, Lanza Auto Works, Em-Kay Molds, Marsh Metal Plating, and Kellex Polymers - 125-137 Tonawanda St
- U: Former Pratt and Letchworth - 189-205 Tonawanda St
- V: City of Buffalo Impound Lot - 166 Dart St
- W-1: Buffalo State College Parking Lot - Grant St
- W-2: Private Properties Including Niemi Builders Supplies, 800 Grant Street
- X: Buffalo State College Athletic Stadium and Parking lot - 1300 Elmwood Ave
- Y: On/Off Ramp - Grant St
- Z: Tops Grocery Store/Burger King - 333-365 Amherst St
- AA: Former Buffalo Fire Station - 395 Amherst St
- AB: Wegman's - 601 Amherst St
- AC: Marcon Erectors - 1 Howell St
- AD: Contractor Storage Area - 18 Howell St
- AE: Residential Property - 227 Middlesex Rd
- AF: Buffalo Police Radio Tower - Route 198 Eastbound
- AG: City of Buffalo Park Labor Center - 17-25 Meadowview Pl
- AH: Delaware Park - Parkside Ave
- AI: Metro-Rail Subway Station - 2085 Main St
- AJ: Buffalo Lining & Fabricating - 93 Gillette Ave
- AK: VM Maunz Co. - 387 East Delavan Ave
- AL: Route 33
- AM: Railroad ROW - East End
- AN: Residential Property - 413 East Delevan Ave
- AO: Sears, Roebuck & Co. and North Extension - 370-440 East Delevan Ave
- AP: Brookline Machine Inc. and North Extension - 1870-1896 Fillmore Ave

LEGEND

- HWCM ASSESSMENT PROJECT STUDY AREA
- SITES OF POTENTIAL ENVIRONMENTAL CONCERN
- APPROXIMATE LOCATION OF CREEK BANKS IN 1889

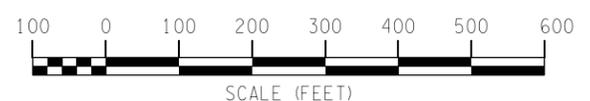
EXHIBIT 4.4.19-1
SITES OF POTENTIAL ENVIRONMENTAL CONCERN
NY 198 (SCAJAQUADA) CORRIDOR (PIN 5470.22)
CITY OF BUFFALO, ERIE COUNTY, NEW YORK

1:12,000 (11X17 PRINT)	DATE: AUGUST 2016
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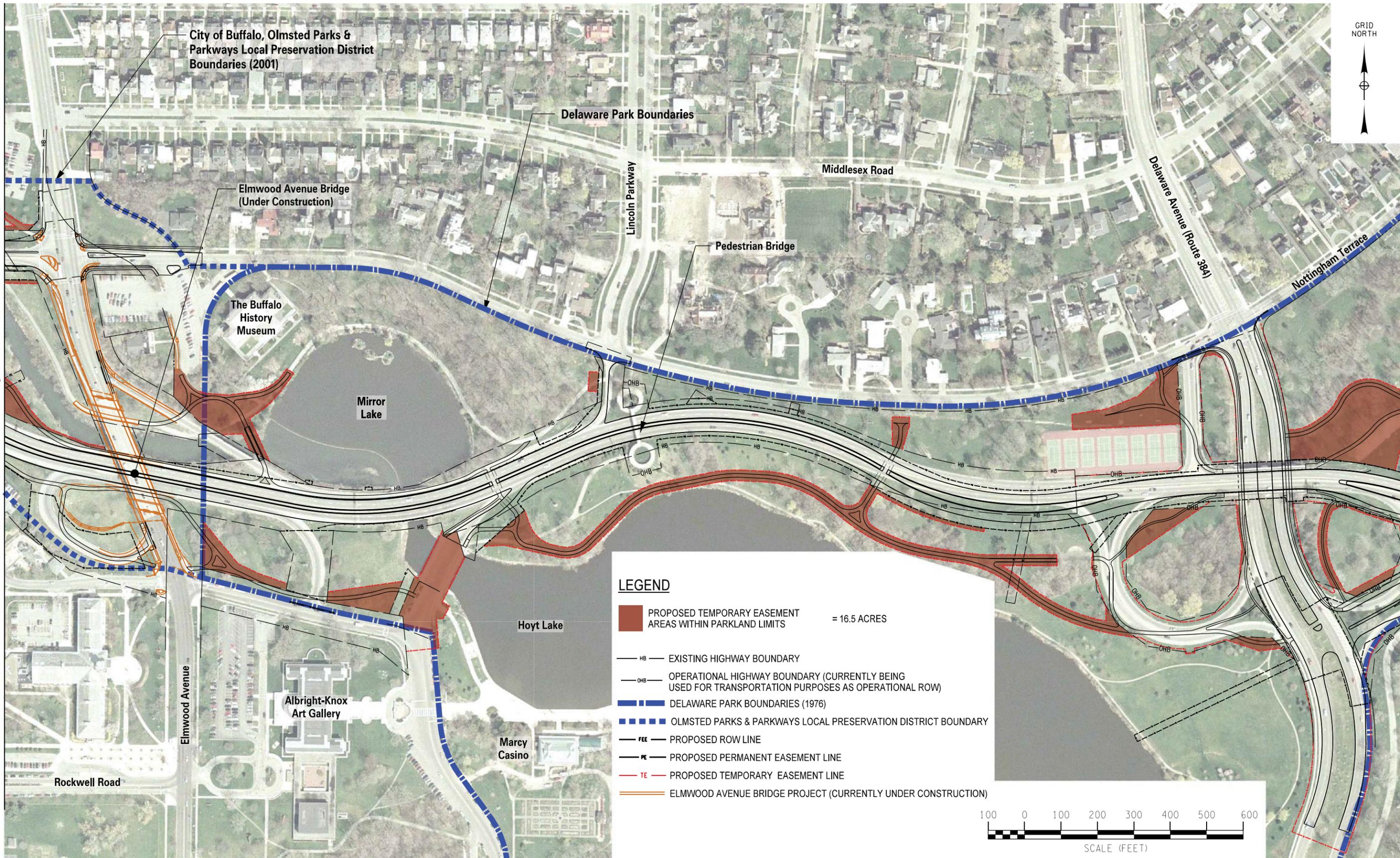


LEGEND

- PROPOSED TEMPORARY EASEMENT AREAS WITHIN PARKLAND LIMITS = 16.5 ACRES
- HB EXISTING HIGHWAY BOUNDARY
- OHB OPERATIONAL HIGHWAY BOUNDARY (CURRENTLY BEING USED FOR TRANSPORTATION PURPOSES AS OPERATIONAL ROW)
- DELAWARE PARK BOUNDARIES (1976)
- OLMSTED PARKS & PARKWAYS LOCAL PRESERVATION DISTRICT BOUNDARY
- PEE PROPOSED ROW LINE
- PE PROPOSED PERMANENT EASEMENT LINE
- TE PROPOSED TEMPORARY EASEMENT LINE
- ELMWOOD AVENUE BRIDGE PROJECT (CURRENTLY UNDER CONSTRUCTION)



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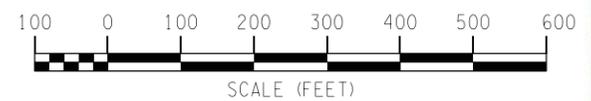


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LEGEND

- PROPOSED TEMPORARY EASEMENT AREAS WITHIN PARKLAND LIMITS = 16.5 ACRES
- HB EXISTING HIGHWAY BOUNDARY
- OHB OPERATIONAL HIGHWAY BOUNDARY (CURRENTLY BEING USED FOR TRANSPORTATION PURPOSES AS OPERATIONAL ROW)
- DELAWARE PARK BOUNDARIES (1976)
- OLMSTED PARKS & PARKWAYS LOCAL PRESERVATION DISTRICT BOUNDARY
- FEE PROPOSED ROW LINE
- PE PROPOSED PERMANENT EASEMENT LINE
- TE PROPOSED TEMPORARY EASEMENT LINE
- ELMWOOD AVENUE BRIDGE PROJECT (CURRENTLY UNDER CONSTRUCTION)



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