

## EFH Mapper

**EFH Data Notice:** Essential Fish Habitat (EFH) is defined by textual descriptions contained in the fishery management plans developed by the regional Fishery Management Councils. In most cases mapping data can not fully represent the complexity of the habitats that make up EFH. This report should be used for general interest queries only and should not be interpreted as a definitive evaluation of EFH at this location. A location-specific evaluation of EFH for any official purposes must be performed by a regional expert. Please refer to the following links for the appropriate regional resources.

[Greater Atlantic Regional Office](#)  
[Atlantic Highly Migratory Species Management Division](#)

### Query Results

Degrees, Minutes, Seconds: Latitude = 40°56'47" N, Longitude = 74°16'2" W  
 Decimal Degrees: Latitude = 40.95, Longitude = -73.73




























The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

### \*\*\* WARNING \*\*\*

Please note under "Life Stage(s) Found at Location" the category "ALL" indicates that all life stages of that species share the same map and are designated at the queried location.

### EFH

Show	Link	Data Caveats	Species/Management Unit	Lifestage(s) Found at Location	Management Council	FMP
			Winter Flounder	Eggs Juvenile Larvae/Adult	New England	Amendment 14 to the Northeast Multispecies FMP
			Little Skate	Juvenile Adult	New England	Amendment 2 to the Northeast Skate Complex FMP
			Atlantic Herring	Juvenile Adult	New England	Amendment 3 to the Atlantic Herring FMP
			Pollock	Adult Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP
			Red Hake	Adult Eggs/Larvae/Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP

Show	Link	Data Caveats	Species/Management Unit	Lifestage(s) Found at Location	Management Council	FMP
			Windowpane Flounder	Adult Larvae Eggs Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP
			Winter Skate	Adult Juvenile	New England	Amendment 2 to the Northeast Skate Complex FMP
			Scup	Larvae Eggs Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Longfin Inshore Squid	Juvenile Adult Eggs	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Atlantic Mackerel	Eggs Larvae Juvenile Adult	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Bluefish	Adult Juvenile	Mid-Atlantic	Bluefish
			Atlantic Butterfish	Eggs Larvae Adult	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Summer Flounder	Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Black Sea Bass	Juvenile	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass

### HAPCs

No Habitat Areas of Particular Concern (HAPC) were identified at the report location.

### EFH Areas Protected from Fishing

No EFH Areas Protected from Fishing (EFHA) were identified at the report location.

<p><b>Spatial data does not currently exist for all the managed species in this area. The following is a list of species or management units for which there is no spatial data.</b></p> <p><b>**For links to all EFH text descriptions see the complete data inventory: <a href="#">open data inventory --&gt;</a></b></p>
<p><b>Mid-Atlantic Council HAPCs,</b></p> <p>No spatial data for summer flounder SAV HAPC.</p>

**S7 Mapper**

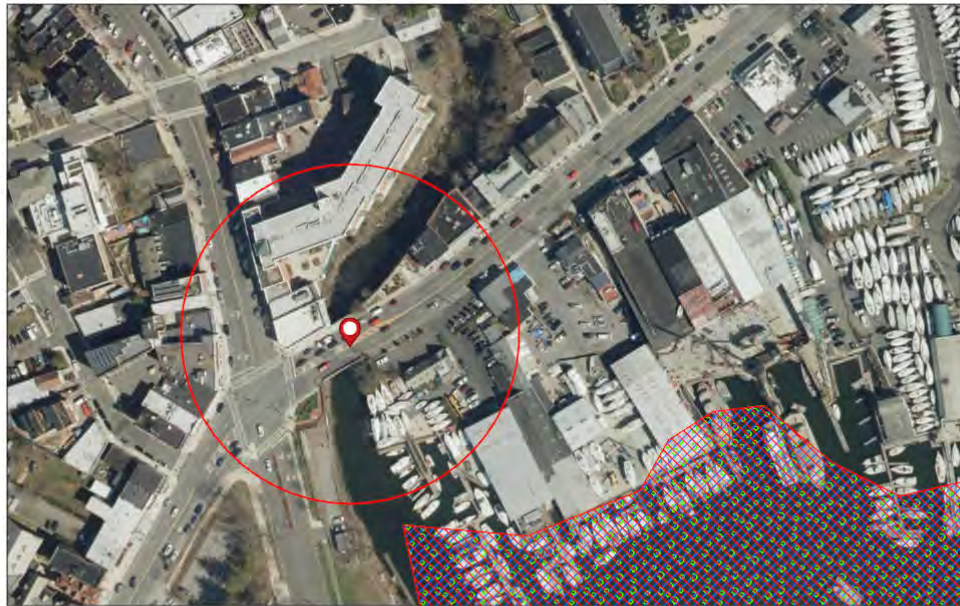


# Drawn Action Area & Overlapping S7 Consultation Areas

## Area of Interest (AOI) Information

Area : 4.5 acres

Jan 13 2021 13:55:59 Eastern Standard Time



 Atlantic Sturgeon  Sea Turtles  
 Shortnose Sturgeon

1:2,257  
0 0.01 0.03 0.05 mi  
0 0.02 0.04 0.09 km  
Westchester County GIS; Esri, HERE, Garmin, IPC, Westchester County

## Summary

Name	Count	Area(acres)	Length(mi)
Atlantic Sturgeon	2	< 0.01	N/A
Shortnose Sturgeon	1	< 0.01	N/A
Atlantic Salmon	0	0	N/A
Sea Turtles	4	< 0.01	N/A
Atlantic Large Whales	0	0	N/A
In or Near Critical Habitat	0	0	N/A
Atlantic Sturgeon	2	< 0.01	N/A
Shortnose Sturgeon	1	< 0.01	N/A
Atlantic Salmon	0	0	N/A
Sea Turtles	4	0.01	N/A
Atlantic Large Whales	0	0	N/A
In or Near Critical Habitat	0	0	N/A

## Atlantic Sturgeon

#	Feature ID	Species	Life Stage	Behavior	Zone	From	Until	From (2)	Until (2)	Area(acres )
1	ANS_LIS_ADU_MAF	Atlantic sturgeon	Adult	Migrating & Foraging	Long Island Sound	01/01	12/31	N/A	N/A	N/A
2	ANS_LIS_SUB_MAF	Atlantic sturgeon	Subadult	Migrating & Foraging	Long Island Sound	01/01	12/31	N/A	N/A	N/A

## Shortnose Sturgeon

#	Feature ID	Species	Life Stage	Behavior	Zone	From	Until	From (2)	Until (2)	Area(acres )
1	SNS_LIS_ADU_MAF	Shortnose sturgeon	Adult	Migrating & Foraging	Long Island Sound	04/01	11/30	N/A	N/A	N/A

## Sea Turtles

#	Feature ID	Species	Life Stage	Behavior	Zone	From	Until	From (2)	Until (2)	Area(acres )
1	GRN_STS_AJV_MAF	Green sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	N/A
2	KMP_STS_AJV_MAF	Kemp's ridley sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	N/A
3	LTR_STS_AJV_MAF	Leatherback sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	N/A
4	LOG_STS_AJV_MAF	Loggerhead sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	N/A

### Atlantic Sturgeon

#	Feature ID	Species	Life Stage	Behavior	Zone	From	Until	From (2)	Until (2)	Area(acres )
1	ANS_LIS_ADU_MAF	Atlantic sturgeon	Adult	Migrating & Foraging	Long Island Sound	01/01	12/31	N/A	N/A	< 0.01
2	ANS_LIS_SUB_MAF	Atlantic sturgeon	Subadult	Migrating & Foraging	Long Island Sound	01/01	12/31	N/A	N/A	< 0.01

### Shortnose Sturgeon

#	Feature ID	Species	Life Stage	Behavior	Zone	From	Until	From (2)	Until (2)	Area(acres )
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### Sea Turtles



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3	LTR_STS_AJV_MAF	Leatherback sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	< 0.01
4	LOG_STS_AJV_MAF	Loggerhead sea turtle	Adults and juveniles	Migrating & Foraging	Massachusetts (S of Cape Cod) through Virginia	5/1	11/30	No Data	No Data	< 0.01

DISCLAIMER: Use of this App does NOT replace the Endangered Species Act (ESA) Section 7 consultation process; it is a first step in determining if a proposed Federal action overlaps with listed species or critical habitat presence. Because the data provided through this App are updated regularly, reporting results must include the date they were generated. The report outputs (map/tables) depend on the options picked by the user, including the shape and size of the action area drawn, the layers marked as visible or selectable, and the buffer distance specified when using the "Draw your Action Area" function. Area calculations represent the size of overlap between the user-drawn Area of Interest (with buffer) and the specified S7 Consultation Area. Summary table areas represent the sum of these overlapping areas for each species group.

**IPaC Official Species Lists Dated 09/29/21**



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Long Island Ecological Services Field Office  
340 Smith Road  
Shirley, NY 11967-2258  
Phone: (631) 286-0485 Fax: (631) 286-4003



In Reply Refer To:

September 29, 2021

Consultation Code: 05E1LI00-2021-SLI-0071

Event Code: 05E1LI00-2021-E-02418

Project Name: Route 1 over the Mamaroneck River PIN 8473.14

Subject: Updated list of threatened and endangered species that may occur in your proposed project location 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 (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

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 Act, 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 website 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.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2))

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

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](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the 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

[www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html](http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html).

[http://](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 Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

## Official Species List

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

This species list is provided by:

### **Long Island Ecological Services Field Office**

340 Smith Road  
Shirley, NY 11967-2258  
(631) 286-0485

This project's location is within the jurisdiction of multiple offices. Expect additional species list documents from the following office, and expect that the species and critical habitats in each document reflect only those that fall in the office's jurisdiction:

### **New York Ecological Services Field Office**

3817 Luker Road  
Cortland, NY 13045-9385  
(607) 753-9334

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## Project Summary

Consultation Code: 05E1LI00-2021-SLI-0071

Event Code: Some(05E1LI00-2021-E-02418)

Project Name: Route 1 over the Mamaroneck River PIN 8473.14

Project Type:

Project Description: The project is located on Route 1 between Mamaroneck Road South and Spruce Street. The purpose of the project is to provide structural and operational improvements to the bridge carrying U.S. Route 1 over the Mamaroneck River to a rating of 5, meaning that the bridge would remain in fully functional non-deficient condition or greater for at least 75 years. The project will also upgrade the traffic signal at the intersection of Route 1 and Mamaroneck Avenue to current standards. The parks spaces adjacent to the bridge will also be reconstructed.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@40.948836392864585,-73.73284481661601,14z>



Counties: Westchester County, New York

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## Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

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

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

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

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

## Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Candidate

## Critical habitats

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

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## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9385

Phone: (607) 753-9334 Fax: (607) 753-9699

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

In Reply Refer To:

September 29, 2021

Consultation Code: 05E1NY00-2021-SLI-0306

Event Code: 05E1NY00-2021-E-13743

Project Name: Route 1 over the Mamaroneck River PIN 8473.14

Subject: Updated list of threatened and endangered species that may occur in your proposed project location 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](http://www.fws.gov/windenergy/eagle_guidance.html)). Additionally, wind energy projects should follow the Services wind



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340 Smith Road  
Shirley, NY 11967-2258  
(631) 286-0485

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## Project Summary

Consultation Code: 05E1NY00-2021-SLI-0306

Event Code: Some(05E1NY00-2021-E-13743)

Project Name: Route 1 over the Mamaroneck River PIN 8473.14

Project Type:

Project Description: The project is located on Route 1 between Mamaroneck Road South and Spruce Street. The purpose of the project is to provide structural and operational improvements to the bridge carrying U.S. Route 1 over the Mamaroneck River to a rating of 5, meaning that the bridge would remain in fully functional non-deficient condition or greater for at least 75 years. The project will also upgrade the traffic signal at the intersection of Route 1 and Mamaroneck Avenue to current standards. The parks spaces adjacent to the bridge will also be reconstructed.

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Counties: Westchester County, New York

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NAME	STATUS
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## Critical habitats

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

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**NYSDEC Adjacent Tidal Wetland Clearance Email Dated 8/21/15**

## Lewison, Stephanie (DOT)

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**From:** Gierloff, Heather S (DEC)  
**Sent:** Friday, August 21, 2015 9:34 AM  
**To:** Wolfanger, Kathleen (DOT)  
**Cc:** Lewison, Stephanie (DOT)  
**Subject:** RE: PIN 8473.14 - US 1 over Mamaroneck River, Village of Mamaroneck, Westchester Co.

Kathleen and Stephanie,

I agree there is no Adjacent area on this spot.....

Let me know if you have any other questions.

Thanks

Heather

Heather Gierloff  
Bureau of Habitat, Biologist  
NYS DEC, Region 3  
21 S Putt Corner Rd  
New Paltz, NY 12561  
845-256-3086

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**From:** Wolfanger, Kathleen (DOT)  
**Sent:** Tuesday, August 18, 2015 9:38 AM  
**To:** Gierloff, Heather S (DEC)  
**Cc:** Lewison, Stephanie (DOT)  
**Subject:** PIN 8473.14 - US 1 over Mamaroneck River, Village of Mamaroneck, Westchester Co.

Hi Heather!

I'm hoping you can help me out on this project we were discussing a few weeks ago.

We finally got around to researching the adjacent area for the tidal wetland mapped near the subject proposed bridge replacement project.

Stephanie (one of our newer ES-1s, not Steph DeLano who is in Main Office now...) put together the attached power point documenting her research and findings. Would you mind taking a look to see if our conclusion seems reasonable? I wouldn't want to start any tidal wetlands permitting until we have some confidence that we've calculated the adjacent area correctly.

Thank you in advance and I hope you are staying cool this week!

Kath

### Kathleen Wolfanger

Design Environmental Coordinator

#### New York State Department of Transportation

4 Burnett Boulevard, Poughkeepsie, NY 12603

(845) 431-2317 | [kathleen.wolfanger@dot.ny.gov](mailto:kathleen.wolfanger@dot.ny.gov)

[www.dot.ny.gov](http://www.dot.ny.gov)

**SEQR Determination Letter Dated 9/6/19**

SEQR DETERMINATION OF NO SIGNIFICANT EFFECT (DONSE)

NOTICE OF ENVIRONMENTAL DETERMINATION  
NEW YORK STATE DEPARTMENT OF TRANSPORTATION  
PROJECT IDENTIFICATION NO. 8473.14  
REPLACEMENT OF THE BRIDGE CARRYING ROUTE 1 OVER THE MAMARONECK  
RIVER  
VILLAGES OF MAMARONECK AND RYE / TOWN OF MAMARONECK,  
WESTCHESTER COUNTY

This notice is a “negative declaration” for the purposes of Article 8 of the NYS Environmental Conservation Law. The New York State Department of Transportation, being the agency having principal responsibility for carrying out or approving the project within the State, is the lead agency pursuant to Part 15 Title 17 of the Official Compilation of Codes, Rules and Regulations of New York State (17 NYCRR Part 15).

This project will replace BIN 5000042 in its entirety with a new structure and replace the adjacent traffic signal at the intersection of Route 1 and Mamaroneck Avenue. Key features identified to maintain the character of the historic bridge such as stone facing of abutments and an arch effect of the structure will be incorporated into the final design. The existing Route 1 profile will be maintained. The bridge will be widened to provide a sidewalk on the south side of Route 1. This alternative has been identified as the prudent and feasible solution that meets the project objectives to restore the bridge condition rating to a 5 or greater and provides a minimum 75 year service life and upgrade the existing traffic signal to current standards.

The NYSDOT has determined that this project is a Class II action (Categorical Exclusion) because it does not individually or cumulatively have a significant environmental impact and is excluded from the requirement to prepare an Environmental Impact Statement (EIS) or an Environmental Assessment (EA) as documented in the Federal Environmental Approval Worksheet and following discussion under chapter 3 of the Final Project Scoping/Final Design Report. Specifically, in accordance with the Federal Highway Administration’s regulations 23CFR 771.117(d) this project meets the project description of the ‘D’ list “bridge rehabilitation, reconstruction, replacement, or grade separation of at-grade railroad crossings that does not meet the constraints in paragraph (e) of 23 CFR 771.117” and does not significantly impact the environment.


This project has an “Adverse Effect” on a National Register Eligible structure. Therefore, the NYSDOT has determined that this project is a SEQR Non-Type II Action as it does not meet the requirements under 17 NYCRR Part 15.14(d) (6), a Type II action does not result in “An effect on a district, building, structure or site eligible for, or listed on, the National Register of Historic Places.”. SEQR Non-Type II projects include actions for which the environmental impacts are not

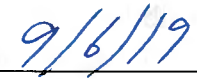


clearly established and require an Environmental Assessment (EA). This PSR/FDR acts as the project's Environmental Assessment under SEQRA.

Further information on this project may be obtained from:

George CrimiVaroli, PE, Project Manager  
New York State Department of Transportation  
Region 8 Design  
4 Burnett Boulevard  
Poughkeepsie, New York 12603

  
\_\_\_\_\_  
Lance MacMillan, P.E.  
Regional Director, R-8

  
\_\_\_\_\_  
Date

**NYSOPRHP/FHWA Clearance Letter Dated 5/30/19**



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

**New York Division**

May 30, 2019

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

Mr. Reid Nelson  
Director, Office of Federal Agency Programs  
Advisory Council on Historic Preservation  
401 F Street, NW, Suite 308  
Washington, DC 20001

Subject: PIN 8473.14 – US 1 over Mamaroneck River Bridge Replacement (BIN 1000040)  
Village of Mamaroneck  
Westchester County, New York

Dear Mr. Nelson:

The final Memorandum of Agreement (MOA) to mitigate for the *Adverse Effect* on the National Register Eligible US 1 over the Mamaroneck River Bridge (BIN 1000040), as signed by the New York State Historic Preservation Office (NYSHPO), New York State Department of Transportation (NYSDOT) and our office is complete.

Background documentation for this bridge replacement project was enclosed in a letter sent to your office dated April 11, 2019 advising your agency of our *Adverse Effect* determination. We reviewed your response dated April 25, 2019 indicating that your participation in the consultation to resolve the *Adverse Effect* was not needed.

In accordance with the provisions of 36 CFR 800.6(b)(1)(iv), we are providing your office with a copy of the fully executed MOA. The requirements of 36 CFR Part 800 have been satisfied for this project. The Section 106 process is complete. By copy of this letter we are providing two original signed copies of the MOA to NYSDOT for distribution to the other Section 106 participants.

If you have any questions, please contact me at (518) 431-8855.

Sincerely,

Jared A. Gross, P.E.  
Area Engineer

Enclosure

cc: K. Wolfanger, Regional Cultural Resource Coordinator, NYSDOT Region 8  
M. Lynch, Division Director, NYSHPO – 15PR01847  
G. CrimiVaroli, Design Manager, NYSDOT, Region 8  
S. Lewison, Environmental Specialist, NYSDOT, Region 8  
M. Santangelo, Environmental Science Bureau, NYSDOT

**FHWA Section 106 Memorandum of Agreement Dated 5/16/19**

**MEMORANDUM OF AGREEMENT**

**AMONG THE FEDERAL HIGHWAY ADMINISTRATION  
THE NEW YORK STATE HISTORIC PRESERVATION OFFICE  
AND  
THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION  
REGARDING THE REPLACEMENT OF THE US 1 BRIDGE OVER THE MAMARONECK RIVER  
VILLAGE OF MAMARONECK, WESTCHESTER COUNTY, NEW YORK**

**PIN 8473.14 15PR01847**

**WHEREAS**, the Federal Highway Administration (FHWA) is advancing a federally-funded undertaking in coordination with the New York State Department of Transportation (NYSDOT) for the replacement of the US 1 Bridge over the Mamaroneck River (BIN 1000040) pursuant to 36 CFR Part 800, the regulation implementing Section 106 of the National Historic Preservation Act of 1966, as amended (54 U.S.C. 306108); and

**WHEREAS**, the undertaking consists of demolition of the existing, structurally deficient US 1 bridge; construction of a replacement bridge; the addition of a sidewalk along the south side of the replacement bridge and extension of the sidewalk to the east along US 1 in front of the boat yard property; removal of the ruin of a river-level commercial building in the southwest quadrant of the bridge that is landscaped at street level and serves as a small pocket park and entrance to Harbor Island Park and restoring the existing grade of this pocket park with earthen fill supported by retaining walls in the location of the former east and south walls of the ruin; replacement of the landscaping of the pocket park at street level in-kind; replacement of the existing traffic signal and pedestrian signals at the intersection of US 1 and Mamaroneck Avenue in approximately the same locations; and replacing sidewalks and curb ramps along US 1 and the adjoining streets to be compliant with Americans with Disabilities Act requirements; and

**WHEREAS**, the replacement bridge will be tied into the adjacent stone retaining walls, the new bridge will be approximately six (6) feet wider to the south to accommodate a sidewalk, and this work may require the removal of, and appropriately stockpiling for reuse, the stone retaining walls up to 50 feet from the bridge; and

**WHEREAS**, the NYSDOT, in coordination with the FHWA, and in consultation with the New York State Historic Preservation Office (SHPO), defined the area of potential effects (APE), as shown on the attached Figure 1 as: the US 1 bridge; no more than 50 feet of the adjacent stone retaining walls located upstream and downstream from the existing bridge footprint; 500 feet along US 1 from the driveway of the Post Road Boat Yard Office to just west of the intersection of Library Lane including 150 feet from the US 1 center line to the north along Mamaroneck Avenue, 220 feet from the US 1 center line to the south along Harbor Island Park Road, and 70 feet from the US 1 centerline to the west along Library Lane; the river-level ruin and 160 feet of pavement to its south; and the planted/landscaped area along US 1/East Boston Post Road in the northeast quadrant of the bridge; and

**WHEREAS**, BIN 1000040 (USN 11946.000288), a stone arch bridge built in 1895, was evaluated by the NYSDOT statewide Historic Bridge Inventory and determined individually eligible for the National Register of Historic Places under Criterion C; and

**WHEREAS**, a rounded stone retaining wall abutting the southeast corner of the bridge has been determined to be a contributing feature to BIN 1000040; and

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**WHEREAS**, the ruin of a river-level commercial building in the southwest quadrant of the bridge (USN 11946.000317) has been determined by the SHPO as not eligible for the National Register of Historic Places; and

**WHEREAS**, the stone retaining walls adjacent to BIN 1000040 are contributing resources within the State and National Register eligible Mamaroneck and Sheldrake Rivers Stone Retaining Walls Historic District (USN 11946.000315); and

**WHEREAS**, the FHWA, in coordination with the NYSDOT and in consultation with the SHPO, has determined that the undertaking will have an adverse effect on historic properties due to the proposed removal and replacement of the National Register eligible US 1 over Mamaroneck River bridge; and

**WHEREAS**, the FHWA, in coordination with the NYSDOT and in consultation with the SHPO, has determined that the proposed work on the National Register-eligible retaining walls adjacent to the bridge will not contribute to the project's adverse effect, due to the proposed measures to minimize impacts through reconstruction; and

**WHEREAS**, in accordance with 36 CFR § 800.6(a)(1), the FHWA has notified the Advisory Council on Historic Preservation (ACHP) of its adverse effect determination with specified documentation and the ACHP has chosen not to participate in the consultation pursuant to 36 CFR § 800.6(a)(1)(iii); and

**NOW, THEREFORE**, the FHWA, the SHPO, and the NYSDOT agree that the undertaking shall be implemented in accordance with the following stipulations in order to take into account the effect of the undertaking on historic properties.



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### STIPULATIONS

The NYSDOT, in coordination with the FHWA, shall ensure that the following measures are carried out:

#### I. DESIGN FEATURES

##### A. Replacement Bridge

The bridge that replaces BIN 1000040 will incorporate the following design elements associated with the existing bridge:

1. Concrete structure with an arched appearance of similar radius to the existing arch and with natural stone facing similar in appearance to the stone pattern, finish, color, and materials of the existing bridge.
2. When possible, stone from the existing bridge will be utilized in the replacement bridge, including the parapet walls. Stone will be carefully removed from the existing bridge during demolition operations, cleaned, stored on site and, to the extent practicable, utilized for the new US 1 bridge, which will tie into the existing river channel stone retaining walls. If use of any existing stone is not practicable due to damage or other factors, natural stone of similar appearance to the existing stone pattern, finish, and color will be obtained and used.

##### B. Existing Stone Retaining Walls

Where portions of the existing stone retaining walls need to be removed (as depicted in the attached Figure 1, Historic Properties), the walls will be reconstructed using the existing natural stone. Stone will be carefully removed during demolition operations, cleaned, stored on site and, to the extent practicable, utilized for the reconstructed retaining walls. If use of any existing stone is not practicable due to damage or other factors, natural stone of similar appearance to the existing stone pattern, finish, and color will be obtained and used.

##### C. New Retaining Walls for Earthen Fill at Building Ruin

Following the removal of the existing building ruin in the southwest quadrant of the bridge, new retaining walls will be built to support earthen fill at this location. A modern retaining wall system will be constructed with a stone facade constructed of natural stone of similar appearance to the existing stone pattern, finish, color, and materials of the adjacent river-level stone retaining wall.

#### II. RECORDATION

Prior to demolition, the bridge (BIN 1000040) and the National Register-eligible adjacent stone retaining walls within 50 feet of the bridge shall be recorded equivalent to Historic American Engineering Record (HAER) Level II standards. The stone retaining walls to be documented are depicted in the attached Figure 1 (Historic Properties) and photo pages. The work will be accomplished by individuals who meet the Secretary of the Interior's Professional Qualification Standards (36 CFR Part 61) for architectural history, and have demonstrated experience preparing such documentation. The NYSDOT will engage the qualified individuals to prepare this documentation.

- A. The draft documentation will be prepared by the qualified individuals and submitted to the NYSDOT for review a minimum of 90 days prior to the start of construction.