



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
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In Reply Refer To:  
Project Code: 2022-0080509  
Project Name: 18180 LRRT Extension

11/24/2025 17:45:51 UTC

Subject: 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 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 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:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

**Migratory Birds:** In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

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 Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.**

Attachment(s):

- Official Species List

## OFFICIAL SPECIES LIST

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

This species list is provided by:

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

## PROJECT SUMMARY

Project Code: 2022-0080509

Project Name: 18180 LRRT Extension

Project Type: New Constr - Above Ground

Project Description: Expansion of light rail system mostly along existing roads and road right-of-ways.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@42.990652,-78.81305348985717,14z>



Counties: Erie County, New York

## ENDANGERED SPECIES ACT SPECIES

There is a total of 4 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.

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

## MAMMALS

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/9045">https://ecos.fws.gov/ecp/species/9045</a>	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: <a href="https://ecos.fws.gov/ecp/species/10515">https://ecos.fws.gov/ecp/species/10515</a>	Proposed Endangered

## CLAMS

NAME	STATUS
Salamander Mussel <i>Simpsonaias ambigua</i> There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/6208">https://ecos.fws.gov/ecp/species/6208</a>	Proposed Endangered

## INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat. Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a>	Proposed Threatened

## CRITICAL HABITATS

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

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

## IPAC USER CONTACT INFORMATION

Agency: Federal Transit Administration  
Name: Stephanie Camay  
Address: 40 La Riviere Drive  
Address Line 2: Suite 320  
City: Buffalo  
State: NY  
Zip: 14202  
Email: stephanie.camay@wsp.com  
Phone: 2124655178

You have indicated that your project falls under or receives funding through the following special project authorities:

- FAST-41



## United States Department of the Interior



FISH AND WILDLIFE SERVICE  
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In Reply Refer To:  
Project code: 2022-0080509  
Project Name: 18180 LRRT Extension

01/30/2026 15:39:17 UTC

Federal Nexus: yes  
Federal Action Agency (if applicable): Federal Transit Administration

Subject: Federal agency coordination under the Endangered Species Act, Section 7 for '18180 LRRT Extension'

Dear Stephanie Camay:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on January 30, 2026, for "18180 LRRT Extension" (here forward, Project). This project has been assigned Project Code 2022-0080509 and all future correspondence should clearly reference this number.

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into the IPaC must accurately represent the full scope and details of the Project. Failure to accurately represent or implement the Project as detailed in IPaC or the Northeast Determination Key (DKey), invalidates this letter. **Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid.**

To make a no effect determination, the full scope of the proposed project implementation (action) should not have any effects (either positive or negative effect(s)), to a federally listed species or designated critical habitat. Effects of the action are all consequences to listed species or critical habitat that are caused by the proposed action, including the consequences of other activities that are caused by the proposed action. A consequence is caused by the proposed action if it would not occur but for the proposed action and it is reasonably certain to occur. Effects of the action may occur later in time and may include consequences occurring outside the immediate area involved in the action. (See § 402.17). Under Section 7 of the ESA, if a federal action agency makes a no effect determination, no further consultation with, or concurrence from, the Service is



required (ESA §7). If a proposed Federal action may affect a listed species or designated critical habitat, formal consultation is required (except when the Service concurs, in writing, that a proposed action "is not likely to adversely affect (NLAA)" listed species or designated critical habitat [50 CFR §402.02, 50 CFR§402.13]).

The IPaC results indicated the following species is (are) potentially present in your project area and, based on your responses to the Service's Northeast DKey, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Salamander Mussel ( <i>Simpsonaias ambigua</i> )	Proposed Endangered	NLAA

### Conclusion

The Service concurs to the above-mentioned determination(s) of may affect, not likely to adversely affect. This concurrence confirms receipt of your agencies coordination required under Section 7(a)(2) of the ESA.

### Other Species and Critical Habitat that May be Present in the Action Area

In addition to the species listed above, the following species and/or critical habitats may also occur in your project area and are not covered by this conclusion:

- Monarch Butterfly *Danaus plexippus* Proposed Threatened
- Northern Long-eared Bat *Myotis septentrionalis* Endangered
- Tricolored Bat *Perimyotis subflavus* Proposed Endangered

If no changes occur with the Project or there are no updates on listed species, no further consultation/coordination for this project is required for the species identified above. However, the Service recommends that project proponents re-evaluate the Project in IPaC if: 1) the scope, timing, duration, or location of the Project changes (includes any project changes or amendments); 2) new information reveals the Project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional consultation with the Service should take place before project implements any changes which are final or commits additional resources.

Please Note: If the Action may impact bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act (BGEPA) (54 Stat. 250, as amended, 16 U.S.C. 668a-d) by the prospective permittee may be required. Please contact the Migratory Birds Permit Office, (413) 253-8643, or [PermitsR5MB@fws.gov](mailto:PermitsR5MB@fws.gov), with any questions regarding potential impacts to Eagles.

If you have any questions regarding this letter or need further assistance, please contact the New York Ecological Services Field Office and reference the Project Code associated with this Project.

**Action Description**

You provided to IPaC the following name and description for the subject Action.

**1. Name**

18180 LRRT Extension

**2. Description**

The following description was provided for the project '18180 LRRT Extension':

Expansion of light rail system mostly along existing roads and road right-of-ways.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@42.99077389999999,-78.8130533883612,14z>



## QUALIFICATION INTERVIEW

1. As a representative of this project, do you agree that all items submitted represent the complete scope of the project details and you will answer questions truthfully?

*Yes*

2. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed species?

**Note:** This question could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered, or proposed species.

*No*

3. Is the action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

**Note:** for projects in Pennsylvania: Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer 'yes' to this question.

*Yes*

4. Are you including in this analysis all impacts to federally listed species that may result from the entirety of the project (not just the activities under federal jurisdiction)?

**Note:** If there are project activities that will impact listed species that are considered to be outside of the jurisdiction of the federal action agency submitting this key, contact your local Ecological Services Field Office to determine whether it is appropriate to use this key. If your Ecological Services Field Office agrees that impacts to listed species that are outside the federal action agency's jurisdiction will be addressed through a separate process, you can answer yes to this question and continue through the key.

*Yes*

5. Are you the lead federal action agency or designated non-federal representative requesting concurrence on behalf of the lead Federal Action Agency?

*Yes*

6. Is the lead federal action agency the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC)?

*No*

7. Is the lead federal action agency the Federal Energy Regulatory Commission (FERC)?

*No*

8. Is the lead federal action agency the Natural Resources Conservation Service?

*No*

9. Will the proposed project involve the use or storage of herbicide?

No

10. Will the proposed project involve herbaceous native vegetation removal (including prescribed fire that would result in burning of plants) or mowing?

No

11. Does any component of the project associated with this action include activities or structures that may pose a collision risk to **birds** (e.g., plane-based surveys, new or enlarged communication towers or broadcast towers, high voltage transmission lines, any type of towers with or without guy wires)?

No

12. Will the proposed project involve demolition, rehabilitation, property elevation, renovation, and/or rebuilding of one or more existing buildings (e.g., residential, commercial and industrial buildings, or utilities)? Note: if project activities include modification of bridges and/or culverts, answer this question "No".

No

13. Are federally listed freshwater mussels known to be present in the action area?

**Note:** If unsure, contact the appropriate Ecological Services Field Office for additional information or answer "NO" and continue through the key.

No

14. Did a qualified surveyor conduct a survey for freshwater mussels within the action area with the appropriate level of search effort according to local survey guidance?

**Note:** Answer this question "Yes" if the project is located in WV and the action area is located outside the stream reaches where mussel surveys are required following the [West Virginia Mussel Survey Protocol](#)

No

15. Will the proposed project result in **permanent** changes to surface water or groundwater quantity, retention, quality or timing?

**Note:** Projects may affect stream flow, surface water, or groundwater through various activities such as; water withdrawal, water recharge, well drilling, infiltration impacts, stormwater outlets, hydropower production, water impoundments, intake structures, stream diversion, mining operations, dams, surface water drainage, or hydroelectric turbines.

If a project only involves temporary and limited reductions in water that will not displace listed species or significantly alter their water availability (meaning there are no changes to their feeding, breeding, or sheltering), you can answer "No" to this question.

This question specifically addresses the quantity of water in a stream. Other water quality issues, such as sedimentation and turbidity, will be covered in subsequent questions.

No

16. Does the project include activity in or within 300 feet of a freshwater wetland?

**Note:** This encompasses various project activities related to wetlands, including activities taking place within wetlands, activities occurring within 300 feet of wetlands that could impact them, and water withdrawals and/or discharge of contaminants, even if covered by a National Pollutant Discharge Elimination System (NPDES) permit.

Examples of such activities include, but are not limited to; wetland draining, ditching, tilling, filling, excavation, stream diversion, impoundments, mowing, grazing vegetation, construction of access roads, creation of detention basins, installation of water or sewer lines, irrigation, increase of impervious surfaces, and application of pesticides, deicing agents, or fertilizers..

Yes

17. Will the proposed project activities (including upland project activities) occur within 0.125 miles of the water's edge of a stream or tributary of a stream where listed species may be present?

Yes

18. Will the proposed project directly affect a streambed (below ordinary high water mark (OHWM)) of the stream?

No

19. Will the proposed project bore underneath (directional bore or horizontal directional drill) a stream where listed species may be present?

No

20. Will the proposed project involve a new point source discharge into a stream or change an existing point source discharge (e.g., outfalls; leachate ponds, fracking fluid) including changes to pH, temperature and/or chemical composition (e.g., chloride, nickel, etc.)?

No

21. Will the proposed project involve the removal of sediment or debris, dredging or in-stream gravel mining where listed species may be present?

No

22. Will the proposed project involve the creation of a new water-borne contaminant source where listed species may be present?

**Note:** New water-borne contaminant sources occur through improper storage, usage, or creation of chemicals. For example: leachate ponds and pits containing chemicals that are not NSF/ANSI 60 compliant have contaminated waterways. Sedimentation will be addressed in a separate question.

No

23. Will the proposed project involve perennial stream loss, in a stream or tributary of a stream where listed species may be present, that would require an individual permit under 404 of the Clean Water Act?

No

24. Will the proposed project involve pesticide use or storage within 200 feet of a karst feature or perennial stream bank where aquatic listed species may be present?

No

25. Will the proposed project include activities that could negatively affect fish movement temporarily or permanently (including fish stocking, harvesting, or creation of barriers to fish passage).

No

26. Will the proposed project involve earth moving or other ground disturbance that could cause erosion and sedimentation, and/or contamination within 300 feet of a freshwater wetland or along a stream?

**Note:** Answer "Yes" to this question if erosion and sediment control measures will be used.

No

27. Will the proposed project impact streams or tributaries of streams where listed species may be present through activities such as, but not limited to, valley fills, large-scale vegetation removal that could result in ground destabilization, and/or change in site topography?

No

28. Will the proposed project involve vegetation removal within 300 feet of a perennial stream bank where aquatic listed species may be present?

No

29. Will erosion and sedimentation control Best Management Practices (BMPs) associated with applicable state and/or Federal permits, be applied to the project?

**Note:** If BMPs have been provided by and/or coordinated with and approved by the appropriate Ecological Services Field Office, answer "Yes" to this question.

Yes

30. Is the project being funded, lead, or managed in whole or in part by U.S Fish and Wildlife Restoration and Recovery Program (e.g., Partners, Coastal, Fisheries, Wildlife and Sport Fish Restoration, Refuges)?

No

31. Does the project intersect the Small-anthered bittercress species list area?

**Automatically answered**

No

32. Does the project intersect the Smooth Coneflower species list area?

**Automatically answered**

No

33. Do you have any other documents that you want to include with this submission?

No

## PROJECT QUESTIONNAIRE

1. Approximately how many acres of trees would the proposed project remove?

5

2. Approximately how many total acres of disturbance are within the disturbance/construction limits of the proposed project?

38

3. Briefly describe the habitat within the construction/disturbance limits of the project site.

*The Build Alternatives would be constructed primarily within existing transportation right-of-way. However, portions of the Build Alternatives would be constructed in areas where there is insufficient right-of-way width. Both Build Alternatives would affect approximately 38 acres of land in the study area. Within the study area, these communities represent fragmented habitat as they are limited to maintained transportation right-of-way and are generally characterized by disturbance and non-native or invasive species.*



## IPAC USER CONTACT INFORMATION

Agency: Federal Transit Administration  
Name: Stephanie Camay  
Address: 40 La Riviere Drive  
Address Line 2: Suite 320  
City: Buffalo  
State: NY  
Zip: 14202  
Email: stephanie.camay@wsp.com  
Phone: 2124655178

You have indicated that your project falls under or receives funding through the following special project authorities:

- FAST-41



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
New York Ecological Services Field Office  
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In Reply Refer To:  
Project code: 2022-0080509  
Project Name: 18180 LRRT Extension

01/30/2026 15:49:00 UTC

Federal Nexus: yes  
Federal Action Agency (if applicable): Federal Transit Administration

**Subject:** Federal agency coordination under the Endangered Species Act, Section 7 for '18180 LRRT Extension'

Dear Stephanie Camay:

This letter records your determination using the Information for Planning and Consultation (IPaC) system provided to the U.S. Fish and Wildlife Service (Service) on January 30, 2026, for '18180 LRRT Extension' (here forward, Project). This project has been assigned Project Code 2022-0080509 and all future correspondence should clearly reference this number. **Please carefully review this letter. Your Endangered Species Act (Act) requirements may not be complete.**

### Ensuring Accurate Determinations When Using IPaC

The Service developed the IPaC system and associated species' determination keys in accordance with the Endangered Species Act of 1973 (ESA; 87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) and based on a standing analysis. All information submitted by the Project proponent into IPaC must accurately represent the full scope and details of the Project.

Failure to accurately represent or implement the Project as detailed in IPaC or the Northern Long-eared Bat and Tricolored Bat Range-wide Determination Key (DKey), invalidates this letter. ***Answers to certain questions in the DKey commit the project proponent to implementation of conservation measures that must be followed for the ESA determination to remain valid. Note that conservation measures for northern long-eared bat and tricolored bat may differ. If both bat species are present in the action area and the key suggests more conservative measures for one of the species for your Project, the Project may need to apply the most conservative measures in order to avoid adverse effects. If unsure which conservation measures should be applied, please contact the appropriate Ecological Services Field Office.***

## Determination for the Northern Long-Eared Bat and Tricolored Bat

Based on your IPaC submission and a standing analysis completed by the Service, you determined the proposed Project will have the following effect determinations:

Species	Listing Status	Determination
Northern Long-eared Bat ( <i>Myotis septentrionalis</i> )	Endangered	NLAA
Tricolored Bat ( <i>Perimyotis subflavus</i> )	Proposed	NLAA
	Endangered	

Federal agencies must consult with U.S. Fish and Wildlife Service under section 7(a)(2) of the Endangered Species Act (ESA) when an action *may affect* a listed species. Tricolored bat is proposed for listing as endangered under the ESA, but not yet listed. For actions that may affect a proposed species, agencies cannot consult, but they can *confer* under the authority of section 7(a)(4) of the ESA. Such conferences can follow the procedures for a consultation and be adopted as such if and when the proposed species is listed. Should the tricolored bat be listed, agencies must review projects that are not yet complete, or projects with ongoing effects within the tricolored bat range that previously received a NE or NLAA determination from the key to confirm that the determination is still accurate.

Unless the Service advises you within 15 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that consultation on the Action is complete for northern long-eared bat and/or tricolored bat and no further action is necessary unless either of the following occurs:

- new information reveals effects of the action that may affect the northern long-eared bat or tricolored bat in a manner or to an extent not previously considered; or,
- the identified action is subsequently modified in a manner that causes an effect to the northern long-eared bat or tricolored bat that was not considered when completing the determination key.

### 15-Day Review Period

As indicated above, the Service will notify you within 15 calendar days if we determine that this proposed Action does not meet the criteria for a “may affect, not likely to adversely affect” (NLAA) determination for the northern long-eared bat and/or tricolored bat. If we do not notify you within that timeframe, you may proceed with the Action under the terms of the NLAA concurrence provided here. This verification period allows the identified Ecological Services Field Office to apply local knowledge to evaluation of the Action, as we may identify a small subset of actions having impacts that we did not anticipate when developing the key. In such cases, the identified Ecological Services Field Office may request additional information to verify the effects determination reached through the Northern Long-eared Bat and Tricolored Bat DKey.

### Other Species and Critical Habitat that May be Present in the Action Area

The IPaC-assisted determination key for the northern long-eared bat and tricolored bat does not apply to the following ESA-protected species and/or critical habitat that also may occur in your Action area:

- Monarch Butterfly *Danaus plexippus* Proposed Threatened
- Salamander Mussel *Simpsonaias ambigua* Proposed Endangered

You may coordinate with our Office to determine whether the Action may affect the species and/or critical habitat listed above. Note that reinitiation of consultation would be necessary if a new species is listed or critical habitat designated that may be affected by the identified action before it is complete.

If you have any questions regarding this letter or need further assistance, please contact the New York Ecological Services Field Office and reference Project Code 2022-0080509 associated with this Project.

**Action Description**

You provided to IPaC the following name and description for the subject Action.

**1. Name**

18180 LRRT Extension

**2. Description**

The following description was provided for the project '18180 LRRT Extension':

Expansion of light rail system mostly along existing roads and road right-of-ways.

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@42.99077389999999,-78.8130533883612,14z>



## DETERMINATION KEY RESULT

Based on the answers provided, the proposed Action is consistent with a determination of “may affect, but not likely to adversely affect” for a least one species covered by this determination key.

## QUALIFICATION INTERVIEW

1. Does the proposed project include, or is it reasonably certain to cause, intentional take of listed bats or any other listed species?

**Note:** Intentional take is defined as take that is the intended result of a project. Intentional take could refer to research, direct species management, surveys, and/or studies that include intentional handling/encountering, harassment, collection, or capturing of any individual of a federally listed threatened, endangered or proposed species?

No

2. Is the action area wholly within Zone 2 of the year-round active area for northern long-eared bat and/or tricolored bat?

**Automatically answered**

No

3. Does the action area intersect Zone 1 of the year-round active area for northern long-eared bat and/or tricolored bat?

**Automatically answered**

No

4. Does any component of the action involve leasing, construction or operation of wind turbines? Answer 'yes' if the activities considered are conducted with the intention of gathering survey information to inform the leasing, construction, or operation of wind turbines.

No

5. Is the proposed action authorized, permitted, licensed, funded, or being carried out by a Federal agency in whole or in part?

**Note for projects in Pennsylvania:** Projects requiring authorization under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act would be considered as having a federal nexus. Since the U.S. Army Corps of Engineers (Corps) has issued the Pennsylvania State Programmatic General Permit (PASPGP), which may be verified by the PA Department of Environmental Protection or certain Conservation Districts, the need to receive a Corps authorization to perform the work under the PASPGP serves as a federal nexus. As such, if proposing to use the PASPGP, you would answer ‘yes’ to this question.

Yes

6. Is the Federal Highway Administration (FHWA), Federal Railroad Administration (FRA), or Federal Transit Administration (FTA) funding or authorizing the proposed action, in whole or in part?

Yes

7. Are you an employee of the federal action agency or have you been officially designated in writing by the agency as its designated non-federal representative for the purposes of Endangered Species Act Section 7 informal consultation per 50 CFR § 402.08?

**Note:** This key may be used for federal actions and for non-federal actions to facilitate section 7 consultation and to help determine whether an incidental take permit may be needed, respectively. This question is for information purposes only.

Yes

8. Is the lead federal action agency the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC)? Is the Environmental Protection Agency (EPA) or Federal Communications Commission (FCC) funding or authorizing the proposed action, in whole or in part?

No

9. Is the lead federal action agency the Federal Energy Regulatory Commission (FERC)?

No

10. [Semantic] Is the action area located within 0.5 miles of a known bat hibernaculum or winter roost? Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your state wildlife agency.

**Automatically answered**

No

11. Does the action area contain any winter roosts or caves (or associated sinkholes, fissures, or other karst features), mines, rocky outcroppings, or tunnels that could provide habitat for hibernating bats?

No

12. Will the action cause effects to a bridge?

**Note:** Covered bridges should be considered as bridges in this question.

Yes

13. Has the local Service Field Office confirmed that bridge surveys are not needed because project activities are not expected to impact bats, or because NLEBs and TCBs are not using bridges within the action area?

No

14. Has a site-specific bridge assessment following [USFWS guidelines](#) been completed?

**Note:** For information on conducting a bridge/structure assessment, please see Appendix K in the USFWS' Range-wide Indiana Bat and Northern Long-eared Bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>. Additional resources can be found at: <https://www.fws.gov/media/bats-and-transportation-structures-references-and-additional-resources> and a training video is located at: <https://www.youtube.com/watch?v=iuFwkT7q8Ws>.

Yes

15. Was evidence of bat use found during the bridge assessment?

No

**SUBMITTED DOCUMENTS**

- USFWS\_Bridge Culvert Bat Assessment Form April 2025\_I-290 West Bridge\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164139726>
- USFWS\_Bridge Culvert Bat Assessment Form April 2025\_I-290 East Bridge\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164139697>
- USFWS\_Bridge Culvert Bat Assessment Form April 2025\_I-990 East Bridge\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164139832>
- USFWS\_Bridge Culvert Bat Assessment Form April 2025\_Ellicott Creek Ped Bridge\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164139675>
- USFWS\_Bridge Culvert Bat Assessment Form April 2025\_I-990 West Bridge\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164139836>
- USFWS\_Bridge Culvert Bat Assessment Form April 2025\_Lake LaSalle Bridge\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164139838>

16. Did you coordinate with your local Ecological Services Field Office (ESFO) and receive approval of the bridge assessment results? If NO, please contact the appropriate local ESFO before completing this determination key.

Yes

17. Will the action result in effects to a culvert or tunnel at any time of year?

Yes



18. Does the culvert or tunnel equal or exceed 23 feet (7.0 meters) in length?  
Yes
19. Do the interior dimensions of the culvert or tunnel **equal or exceed 3.0 feet (0.9 meters) in height (minimum height for tricolored bat)**?  
Yes
20. Has the local Service Field Office confirmed that culvert surveys are not needed because project activities are not expected to impact bats, or because NLEBs and TCBs are not using culverts within the action area?  
No
21. Has a site-specific culvert assessment following USFWS guidelines been completed?

**Note:** For information on conducting a bridge/structure assessment, please see Appendix K in the USFWS' Range-wide Indiana Bat and Northern Long-eared Bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines> Additional resources can be found at: <https://www.fws.gov/media/bats-and-transportation-structures-references-and-additional-resources> and a training video is located at: <https://www.youtube.com/watch?v=iuFwkT7q8Ws>.

Yes

#### **SUBMITTED DOCUMENTS**

- USFWS\_Bridge Culvert Bat Assessment Form April 2025\_Muir Woods C1\_North\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164140007>
  - USFWS\_Bridge Culvert Bat Assessment Form April 2025\_Partridge Run South\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164140039>
  - USFWS\_Bridge Culvert Bat Assessment Form April 2025\_Muir Woods C2\_Traffic Circle\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164140009>
  - USFWS\_Bridge Culvert Bat Assessment Form April 2025\_Gordon R Yeager Drive\_Flat.pdf <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/164139982>
22. Was evidence of bat use found during the bridge/structure (e.g., culvert) assessment?  
No
23. Did you coordinate with your local Ecological Services Field Office (ESFO) and receive approval of culvert assessment results? If NO, please contact the appropriate local ESFO before completing this determination key.  
Yes

24. Are trees present within 1000 feet of the action area?

**Note:** If there are trees within the action area that are of a sufficient size to be potential roosts for bats answer "Yes". If unsure, additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

25. Does the action include the intentional exclusion of bats from a building or building-like structure? **Note:** Exclusion is conducted to deny bats' entry or reentry into a building. To be effective and to avoid harming bats, it should be done according to established standards. If your action includes bat exclusion and you are unsure whether northern long-eared bats or tricolored bats are present, answer "Yes." Answer "No" if there are no signs of bat use in the building/structure. If unsure, contact your local Ecological Services Field Office to help assess whether northern long-eared bats or tricolored bats may be present. Contact a Nuisance Wildlife Control Operator (NWCO) for help in how to exclude bats from a structure safely without causing harm to the bats (to find a NWCO certified in bat standards, search the Internet using the search term "National Wildlife Control Operators Association bats"). Also see the White-Nose Syndrome Response Team's guide for bat control in structures.

No

26. Does the action involve removal, modification, or maintenance of a human-made building-like structure (barn, house, or other building) **known or suspected to contain roosting bats?**

No

27. Will the action cause construction of one or more new roads open to the public?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

28. Will the action include or cause any construction or other activity that is reasonably certain to increase average night-time traffic permanently or temporarily on one or more existing roads? **Note:** For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.). .

No

29. Will the action include or cause any construction or other activity that is reasonably certain to increase the number of travel lanes on an existing thoroughfare?

For federal actions, answer 'yes' when the construction or operation of these facilities is either (1) part of the federal action or (2) would not occur but for an action taken by a federal agency (federal permit, funding, etc.).

No

30. Will the proposed Action involve the creation of a new water-borne contaminant source (e.g., leachate pond, pits containing chemicals that are not NSF/ANSI 60 compliant)?

**Note:** For information regarding NSF/ANSI 60 please visit <https://www.nsf.org/knowledge-library/nsf-ansi-standard-60-drinking-water-treatment-chemicals-health-effects>

*No*

31. Will the proposed action involve the creation of a new point source discharge from a facility other than a water treatment plant or storm water system?

*No*

32. Will the proposed action involve blasting or drilling?

*Yes*

33. Does the action area intersect the northern long-eared bat species list area?

**Automatically answered**

*Yes*

34. [Semantic] Is the action area located within 0.5 miles of radius of an entrance/opening to any known NLEB hibernacula or winter roost? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

**Automatically answered**

*No*

35. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

**Automatically answered**

*No*

36. [Semantic] Is the action area located within 150 feet of a documented northern long-eared bat roost site?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency. Have you contacted the appropriate agency to determine if your action is within 150 feet of any documented northern long-eared bat roosts?

Note: A document with links to Natural Heritage Inventory databases and other state-specific sources of information on the locations of northern long-eared bat roosts is available here. Location information for northern long-eared bat roosts is generally kept in state natural heritage inventory databases – the availability of this data varies by state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited.

**Automatically answered**

No

37. Is suitable summer habitat for the northern long-eared bat present within 1000 feet of project activities?

If unsure, answer "Yes."

**Note:** Additional information defining suitable summer habitat for the northern long-eared bat and tricolored bat can be found in Appendix A of the USFWS' Range-wide Indiana Bat and Northern long-eared bat Survey Guidelines at: <https://www.fws.gov/media/range-wide-indiana-bat-and-northern-long-eared-bat-survey-guidelines>.

Yes

38. Has a presence/probable absence summer bat survey targeting the northern long-eared bat following the Service's [Range-wide Indiana Bat and Northern Long-Eared Bat Survey Guidelines](#) been conducted within the project area?

Yes

39. Was the survey conducted within the last 5 years?

Yes

40. Did you coordinate with your Ecological Services Field Office (ESFO) and receive approval of the results? If NO, please contact the appropriate local ESFO before completing this determination key - you may change your answer to 'yes' only after coordinating with the ESFO and uploading survey results.

Yes

**SUBMITTED DOCUMENTS**

- *Study Plan Form for Bat Surveys and Monitoring\_signed.pdf* <https://ipac.ecosphere.fws.gov/project/DW6O6CC5RBB5HH2PUWN3XOQU2I/projectDocuments/176050393>

41. Did survey results demonstrate the probable absence of northern long-eared bats?

Yes

42. Does the action area intersect the tricolored bat species list area?

**Automatically answered**

Yes

43. Is the action area located within 0.5-mile of radius of an entrance/opening to any known tricolored bat hibernacula or winter roost?

Note: The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your state wildlife agency.

**Automatically answered**

No

44. [Semantic] Is the action area located within 0.25 miles of a culvert that is known to be occupied by northern long-eared or tricolored bats? **Note:** The map queried for this question contains proprietary information and cannot be displayed. If you need additional information, please contact your State wildlife agency.

**Automatically answered**

No

45. Has a presence/probable absence bat survey targeting the [tricolored bat and following the Service's Range-wide Indiana Bat and Northern Long-Eared Bat Survey Guidelines](#) been conducted within the project area?

Yes

46. Was the presence/probable absence survey conducted within the last 5 years?

Yes

47. Did you coordinate with your Ecological Services Field Office (ESFO) and receive approval of the results? If NO, please contact the appropriate local ESFO before completing this determination key - you may change your answer to 'yes' only after coordinating with the ESFO and uploading survey results.

Yes

48. Did survey results demonstrate the probable absence of tricolored bats?

Yes

49. Do you have any documents that you want to include with this submission?

No

# PROJECT QUESTIONNAIRE










## IPAC USER CONTACT INFORMATION

Agency: Federal Transit Administration  
Name: Stephanie Camay  
Address: 40 La Riviere Drive  
Address Line 2: Suite 320  
City: Buffalo  
State: NY  
Zip: 14202  
Email: stephanie.camay@wsp.com  
Phone: 2124655178

You have indicated that your project falls under or receives funding through the following special project authorities:

- FAST-41

# Bridge and Culvert Bat Assessment Form










Date & Time of Assessment <b>6/28/25 3:20 PM</b>		DOT Project Number		Route/Facility Carried <small>Pedestrian bridge over Ellicott Creek (BIN 226622)</small>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates <small>Lat: 43.0008362 deg (latitude and longitude) Long: -78.780355</small>		Structure Height (approximate) <b>25 ft</b>		Structure Length <b>198 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>		<b>Beam Material</b>	
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input checked="" type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input type="radio"/> Steel I-beam 		<input checked="" type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input checked="" type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input checked="" type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input type="radio"/> Box		<input type="radio"/> Other Structure		<input type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="radio"/> Pipe/Round				<input type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b>	
				<input type="checkbox"/> Stone/Masonry			
				<input type="checkbox"/> Other:			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input checked="" type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input type="checkbox"/> Grassland	
<input checked="" type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input checked="" type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input checked="" type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input type="checkbox"/> Road/trail - Type:		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply)</b> <span style="color: red;">If a culvert cannot be inspected check here &amp; include additional information on page 2</span> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box. Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks: <b>Bridges/culverts:</b> rough surfaces or imperfections in concrete <b>Other structures:</b> soffits, rafters, attic areas		<input type="checkbox"/> Not present <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Concrete surfaces (open roosting on concrete)		<input type="checkbox"/> Not present <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between concrete end walls and the bridge deck		<input type="checkbox"/> Not present <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck <div style="text-align: center;"><small>Gap</small>  <small>Railing</small></div>		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input checked="" type="checkbox"/> All guiderails		<input type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> All expansion joints		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
Name: <b>Robert Ott</b>				Signature: 			



### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.










# Bridge and Culvert Bat Assessment Form

Date & Time of Assessment <b>6/28/25 3:00 PM</b>		DOT Project Number		Route/Facility Carried <b>John James Audubon Parkway</b>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates Lat: 43.016201 deg (latitude and longitude) Long: -78.782282 deg		Structure Height (approximate) <b>48" (37" to water)</b>		Structure Length <b>156 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>		<b>Beam Material</b>	
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input type="radio"/> Steel I-beam 		<input type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input type="radio"/> Box		<input type="radio"/> Other Structure		<input checked="" type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input checked="" type="radio"/> Pipe/Round				<input type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b> Two corrugated metal pipes	
				<input type="checkbox"/> Stone/Masonry			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input type="checkbox"/> Grassland	
<input type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input checked="" type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input checked="" type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input type="checkbox"/> Road/trail - Type:		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply) If a culvert cannot be inspected check here &amp; include additional information on page 2</b> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box.							
Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks: <b>Bridges/culverts:</b> rough surfaces or imperfections in concrete <b>Other structures:</b> soffits, rafters, attic areas		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/> Concrete surfaces (open roosting on concrete)		<input type="checkbox"/> Not present  No evidence of bats (flat rock and mortar around culvert openings)		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
<input type="checkbox"/> Spaces between concrete end walls and the bridge deck		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck 		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/> All guiderails		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
<input type="checkbox"/> All expansion joints		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
Name: <b>Robert Ott</b>				Signature: 			

### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.










# Bridge and Culvert Bat Assessment Form

Date & Time of Assessment <b>6/28/25 4:25 PM</b>		DOT Project Number		Route/Facility Carried <b>I-290 East (BIN 1072602)</b>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates Lat: 42.993254 deg (latitude and longitude) Long: -78.802746 deg		Structure Height (approximate) <b>20 ft</b>		Structure Length <b>140 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>		<b>Beam Material</b>	
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input checked="" type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input checked="" type="radio"/> Steel I-beam 		<input checked="" type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input checked="" type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>		<b>Other Structure</b>		<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input type="radio"/> Box		<input type="radio"/>		<input type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="radio"/> Pipe/Round		<input type="radio"/>		<input type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:		<input type="radio"/>		<input type="checkbox"/> Plastic		<b>Notes:</b>	
				<input type="checkbox"/> Stone/Masonry			
				<input type="checkbox"/> Other:			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input checked="" type="checkbox"/> Grassland	
<input type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input checked="" type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input checked="" type="checkbox"/> Road/trail - Type: Sweet Home Road		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply) If a culvert cannot be inspected check here &amp; include additional information on page 2</b> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box.							
Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks: <b>Bridges/culverts:</b> rough surfaces or imperfections in concrete <b>Other structures:</b> soffits, rafters, attic areas		<input type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input checked="" type="checkbox"/>		<b>No evidence of bats</b>		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Concrete surfaces (open roosting on concrete)		<input type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input checked="" type="checkbox"/>		<b>No evidence of bats</b>		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between concrete end walls and the bridge deck		<input type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input checked="" type="checkbox"/>		<b>No evidence of bats</b>		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck 		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input checked="" type="checkbox"/> All guiderails		<input type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input type="checkbox"/>		<b>No evidence of bats</b>		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input checked="" type="checkbox"/> All expansion joints		<input type="checkbox"/> Not present		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Audible <input type="checkbox"/> Species	
<input type="checkbox"/>		<b>No evidence of bats</b>		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
Name: <b>Robert Ott</b>				Signature: 			

### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.








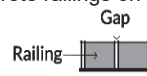

# Bridge and Culvert Bat Assessment Form

Date & Time of Assessment <b>6/28/25 5:25 PM</b>		DOT Project Number		Route/Facility Carried <b>I-290 West (BIN 1072601)</b>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates Lat: 42.993561 (latitude and longitude) Long: -78.802550		Structure Height (approximate) <b>20 ft</b>		Structure Length <b>140 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>			
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input checked="" type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input checked="" type="radio"/> Steel I-beam 		<input checked="" type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input checked="" type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input type="radio"/> Box		<input type="radio"/> Other Structure		<input type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="radio"/> Pipe/Round				<input type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b>	
				<input type="checkbox"/> Stone/Masonry			
				<input type="checkbox"/> Other:			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input checked="" type="checkbox"/> Grassland	
<input type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input checked="" type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input checked="" type="checkbox"/> Road/trail - Type: Sweet Home Road		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply) If a culvert cannot be inspected check here &amp; include additional information on page 2</b> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box.							
Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks:		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
<input checked="" type="checkbox"/> Bridges/culverts: rough surfaces or imperfections in concrete		No evidence of bats		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
<input type="checkbox"/> Other structures: soffits, rafters, attic areas				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> Concrete surfaces (open roosting on concrete)		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
		No evidence of bats		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> Spaces between concrete end walls and the bridge deck		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
		No evidence of bats		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck 		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> All guiderails		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
		No evidence of bats		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> All expansion joints		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
		No evidence of bats		<input type="checkbox"/> Visual - live # dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
Name: <b>Robert Ott</b>				Signature: 			

### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.

# Bridge and Culvert Bat Assessment Form








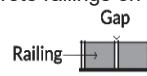

Date & Time of Assessment <b>6/28/25 1:10 PM</b>		DOT Project Number		Route/Facility Carried <b>I-990 East (BIN 1072662)</b>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates Lat: 43.025451 deg (latitude and longitude) Long: -78.782325 deg		Structure Height (approximate) <b>18 ft</b>		Structure Length <b>185 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>		<b>Beam Material</b>	
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input checked="" type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input checked="" type="radio"/> Steel I-beam 		<input checked="" type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input checked="" type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input type="radio"/> Box		<input type="radio"/> Other Structure		<input type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="radio"/> Pipe/Round				<input type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b>	
				<input type="checkbox"/> Stone/Masonry			
				<input type="checkbox"/> Other:			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input type="checkbox"/> Grassland	
<input type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input checked="" type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input checked="" type="checkbox"/> Road/trail - Type: John James Audubon Parkway		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply) If a culvert cannot be inspected check here &amp; include additional information on page 2</b> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box.							
Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks:		<input type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
<input checked="" type="checkbox"/> Bridges/culverts: rough surfaces or imperfections in concrete		No evidence of bats		<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
<input type="checkbox"/> Other structures: soffits, rafters, attic areas				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input checked="" type="checkbox"/> Concrete surfaces (open roosting on concrete)		No evidence of bats		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input checked="" type="checkbox"/> Spaces between concrete end walls and the bridge deck		No evidence of bats		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input checked="" type="checkbox"/> All guiderails		No evidence of bats		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input checked="" type="checkbox"/> All expansion joints		No evidence of bats		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
Name: <b>Robert Ott</b>				Signature: 			



### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.










# Bridge and Culvert Bat Assessment Form

Date & Time of Assessment <b>6/28/25 12:20 PM</b>		DOT Project Number		Route/Facility Carried <b>I-990 West (BIN 1072661)</b>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates Lat: 43.025748 deg (latitude and longitude) Long: -78.782446 deg		Structure Height (approximate) <b>18 ft</b>		Structure Length <b>215 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>		<b>Beam Material</b>	
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input checked="" type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input checked="" type="radio"/> Steel I-beam 		<input checked="" type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input checked="" type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input type="radio"/> Box		<input type="radio"/> Other Structure		<input type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="radio"/> Pipe/Round				<input type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b>	
				<input type="checkbox"/> Stone/Masonry			
				<input type="checkbox"/> Other:			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input type="checkbox"/> Grassland	
<input type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input checked="" type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input checked="" type="checkbox"/> Road/trail - Type: John James Audubon Parkway		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply) If a culvert cannot be inspected check here &amp; include additional information on page 2</b> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box.							
Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks:		<input type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
<input checked="" type="checkbox"/> Bridges/culverts: rough surfaces or imperfections in concrete		No evidence of bats		<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
<input type="checkbox"/> Other structures: soffits, rafters, attic areas				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> Concrete surfaces (open roosting on concrete)		No evidence of bats		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> Spaces between concrete end walls and the bridge deck		No evidence of bats		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> All guiderails		No evidence of bats		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> All expansion joints		No evidence of bats		<input type="checkbox"/> Visual - live #		<input type="checkbox"/> Audible	
				<input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
Name: <b>Robert Ott</b>				Signature: 			

### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.










# Bridge and Culvert Bat Assessment Form

Date & Time of Assessment <b>6/28/25 6:25 PM</b>		DOT Project Number		Route/Facility Carried <small>Pedestrian bridge over Lake LaSalle (BIN 5511792)</small>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates <small>Lat: 43.006195 deg (latitude and longitude) Long: -78.783152 deg</small>		Structure Height (approximate) <b>24 ft</b>		Structure Length <b>162 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>		<b>Beam Material</b>	
<input checked="" type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input type="checkbox"/> Metal		<input checked="" type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input type="radio"/> Steel I-beam 		<input checked="" type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input checked="" type="checkbox"/> Other: Asphalt		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input type="radio"/> Box		<input type="radio"/> Other Structure		<input type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="radio"/> Pipe/Round				<input type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b>	
				<input type="checkbox"/> Stone/Masonry			
				<input type="checkbox"/> Other:			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input type="checkbox"/> Grassland	
<input checked="" type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input checked="" type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input checked="" type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input checked="" type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input checked="" type="checkbox"/> Road/trail - Type: Pedestrian trail		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply) If a culvert cannot be inspected check here &amp; include additional information on page 2</b> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box. Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks: <b>Bridges/culverts:</b> rough surfaces or imperfections in concrete <b>Other structures:</b> soffits, rafters, attic areas		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/> Concrete surfaces (open roosting on concrete)		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between concrete end walls and the bridge deck		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck 		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input checked="" type="checkbox"/> All guiderails		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> All expansion joints		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
Name: <b>Robert Ott</b>				Signature: 			

### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.










# Bridge and Culvert Bat Assessment Form

Date & Time of Assessment <b>6/28/25 11:20 AM</b>		DOT Project Number		Route/Facility Carried <small>Construction road over stream east of traffic circle in Aspen Heights Buffalo at northern terminus of Audubon Parkway</small>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates <small>Lat: 43.027625 deg (latitude and longitude) Long: -78.782760 deg</small>		Structure Height (approximate) <b>6 ft (4.5 ft to water)</b>		Structure Length <b>60 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b> <b>Beam Material</b> <b>End/Back Wall Material</b>			
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input type="radio"/> Steel I-beam 		<input type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input checked="" type="radio"/> Box		<input type="radio"/> Other Structure		<input type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="radio"/> Pipe/Round				<input checked="" type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b>	
				<input type="checkbox"/> Stone/Masonry			
				<input type="checkbox"/> Other:			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input type="checkbox"/> Grassland	
<input type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input checked="" type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input checked="" type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input type="checkbox"/> Road/trail - Type:		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply)</b> <span style="color: red;">If a culvert cannot be inspected check here &amp; include additional information on page 2</span> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box. Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks: <b>Bridges/culverts:</b> rough surfaces or imperfections in concrete <b>Other structures:</b> soffits, rafters, attic areas		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Concrete surfaces (open roosting on concrete)		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between concrete end walls and the bridge deck		<input type="checkbox"/> Not present  <b>No evidence of bats (spaces between concrete blocks of wingwalls)</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck <div style="text-align: center;"><small>Gap</small>  <small>Railing</small></div>		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/>				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> All guiderails		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> All expansion joints		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
Name: <b>Robert Ott</b>				Signature: 			

### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.

# Bridge and Culvert Bat Assessment Form










Date & Time of Assessment <b>6/28/25 12:00 PM</b>		DOT Project Number		Route/Facility Carried <b>Alamosa Way</b>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates Lat: 43.026521 deg (latitude and longitude) Long: -78.782753 deg		Structure Height (approximate) <b>6 ft (4.6 ft to water)</b>		Structure Length <b>60 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>		<b>Beam Material</b>	
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input type="radio"/> Steel I-beam 		<input type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input checked="" type="radio"/> Box		<input type="radio"/> Other Structure		<input type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input type="radio"/> Pipe/Round				<input checked="" type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b>	
				<input type="checkbox"/> Stone/Masonry			
				<input type="checkbox"/> Other:			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input type="checkbox"/> Grassland	
<input type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input checked="" type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input checked="" type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input type="checkbox"/> Road/trail - Type:		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply) If a culvert cannot be inspected check here &amp; include additional information on page 2</b> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box.							
Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks: <b>Bridges/culverts:</b> rough surfaces or imperfections in concrete <b>Other structures:</b> soffits, rafters, attic areas		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
<input checked="" type="checkbox"/>		<b>No evidence of bats</b>		<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> Concrete surfaces (open roosting on concrete)		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
		<b>No evidence of bats</b>		<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> Spaces between concrete end walls and the bridge deck		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
		<b>No evidence of bats (spaces between concrete blocks of wingwalls)</b>		<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck 		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input checked="" type="checkbox"/> All guiderails		<input type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
		<b>No evidence of bats</b>		<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
<input type="checkbox"/> All expansion joints		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Audible <input type="checkbox"/> Species			
				<input type="checkbox"/> Visual - live # <input type="checkbox"/> dead #		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Staining			
Name: <b>Robert Ott</b>				Signature: 			



### **Culvert Cannot Be Inspected Additional Information**

If a culvert physically meets the minimum bat roosting dimensions, but the culvert can not be inspected because of safety concerns or if there is a site specific issue that prevents bats from utilizing the culvert for roosting (i.e. inundated with water year round, debris/vegetation blocking the entrance, culvert does not meet minimum dimensions for roosting because of water levels, etc.) FHWA/USFWS will take these factors into account on a case by case basis. Please include a discussion below as to why the culvert cannot be inspected and provide photos to support your request. Submit this form along with supporting photos to USFWS and/or FHWA when asked for the Bridge Bat Survey Form. Include additional pages if necessary.

# Bridge and Culvert Bat Assessment Form

Date & Time of Assessment <b>6/28/25 2:20 PM</b>		DOT Project Number		Route/Facility Carried <b>Partridge Run South</b>		County <b>Erie</b>	
Federal Structure ID		Structure Coordinates Lat: 43.019826 deg (latitude and longitude) Long: -78.782634 deg		Structure Height (approximate) <b>5 ft (26 in to water)</b>		Structure Length <b>47 ft</b>	
<b>Structure Type (check one)</b>				<b>Structure Material (check all that apply)</b>			
<b>Bridge Construction Style</b>				<b>Deck Material</b>		<b>Beam Material</b>	
<input type="radio"/> Cast-in-place 		<input type="radio"/> Pre-stressed Girder 		<input type="checkbox"/> Metal		<input type="checkbox"/> None	
<input type="radio"/> Flat Slab/Box 		<input type="radio"/> Steel I-beam 		<input type="checkbox"/> Concrete		<input type="checkbox"/> Concrete	
<input type="radio"/> Truss 		<input type="radio"/> Covered 		<input type="checkbox"/> Timber		<input type="checkbox"/> Steel	
<input type="radio"/> Parallel Box Beam 		<input type="radio"/> Other:		<input type="checkbox"/> Open grid		<input type="checkbox"/> Timber	
				<input type="checkbox"/> Other:		<input type="checkbox"/> Other:	
<b>Culvert Type</b>				<b>Culvert Material</b>		<b>Creosote Evidence</b>	
<input type="radio"/> Box		<input type="radio"/> Other Structure		<input checked="" type="checkbox"/> Metal		<input type="radio"/> Yes <input checked="" type="radio"/> No	
<input checked="" type="radio"/> Pipe/Round				<input type="checkbox"/> Concrete		<input type="radio"/> Unknown	
<input type="radio"/> Other:				<input type="checkbox"/> Plastic		<b>Notes:</b> Corrugated metal pipe with a metal apron	
				<input type="checkbox"/> Stone/Masonry			
<b>Crossings Traversed (check all that apply)</b>				<b>Surrounding Habitat (check all that apply)</b>			
<input type="checkbox"/> Bare ground		<input type="checkbox"/> Open vegetation		<input type="checkbox"/> Agricultural		<input type="checkbox"/> Grassland	
<input type="checkbox"/> Rip-rap		<input type="checkbox"/> Closed vegetation		<input checked="" type="checkbox"/> Commercial		<input type="checkbox"/> Ranching	
<input checked="" type="checkbox"/> Flowing water		<input type="checkbox"/> Railroad		<input checked="" type="checkbox"/> Residential-urban		<input checked="" type="checkbox"/> Riparian/wetland	
<input type="checkbox"/> Standing water		<input type="checkbox"/> Road/trail - Type:		<input type="checkbox"/> Residential-rural		<input type="checkbox"/> Mixed use	
<input type="checkbox"/> Seasonal water		<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Woodland/forested		<input type="checkbox"/> Other:	
<b>Areas Assessed (check all that apply) If a culvert cannot be inspected check here &amp; include additional information on page 2</b> <input type="checkbox"/>							
Check all areas that apply. If an area is not present in the structure, check the "not present" box. Document all bat indicators observed during the assessment. Include the species present, if known, and provide photo documentation as indicated.							
<b>Area (check if assessed)</b>		<b>Assessment Notes</b>		<b>Evidence of Bats (include photos if present)</b>			
<input type="checkbox"/> All crevices and cracks: <b>Bridges/culverts:</b> rough surfaces or imperfections in concrete <b>Other structures:</b> soffits, rafters, attic areas		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/> Concrete surfaces (open roosting on concrete)		<input type="checkbox"/> Not present  No evidence of bats (Rocks anchored with concrete around culvert openings)		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
<input type="checkbox"/> Spaces between concrete end walls and the bridge deck		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Crack between concrete railings on top of the bridge deck 		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input type="checkbox"/> Vertical surfaces on concrete I-beams		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
<input type="checkbox"/> Spaces between walls, ceiling joists		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
<input type="checkbox"/> Weep holes, scupper drains, and inlets/pipes		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
<input checked="" type="checkbox"/> All guiderails		<input type="checkbox"/> Not present  <b>No evidence of bats</b>		<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
<input type="checkbox"/> All expansion joints		<input checked="" type="checkbox"/> Not present		<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
				<input type="checkbox"/> Visual - live #      dead #		<input type="checkbox"/> Audible      Species	
				<input type="checkbox"/> Guano		<input type="checkbox"/> Odor	
				<input type="checkbox"/> Staining		<input type="checkbox"/> Photos	
Name: <b>Robert Ott</b>				Signature: 			

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