



**APPLICATION FOR A CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AND PUBLIC NEED**

to the

CONNECTICUT SITING COUNCIL

for the

**FAIRFIELD TO CONGRESS RAILROAD TRANSMISSION
LINE 115-kV REBUILD PROJECT**

**Town of Fairfield and City of Bridgeport
Fairfield County, Connecticut**

VOLUME 1A: APPENDICES

PART 1: APPENDICES A AND B

March 2023

Prepared By:

THE UNITED ILLUMINATING COMPANY

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APPENDIX A

AGENCY CORRESPONDENCE

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A.1: Connecticut State Historic Preservation Office (SHPO)

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September 23, 2022

Ms. Marena Wisniewski
National Register Specialist
450 Columbus Boulevard, Suite 5
Hartford, Connecticut 06103

Subject: Project Review for the Proposed Fairfield to Congress Railroad Transmission Line 115-kV Rebuild Project (the Project) in Fairfield and Bridgeport, Connecticut

Dear Ms., Wisniewski,

The United Illuminating Company (UI), through its contractor Heritage Consultants, LLC (Heritage) is pleased to provide the Connecticut State Historic Preservation Office (SHPO) with the enclosed Project Notification Form (PNF) and supporting documentation for the Proposed Fairfield to Congress Railroad Transmission Line 115-kV Rebuild Project (the Project) in Fairfield and Bridgeport, Connecticut.

As described in detail in the enclosed supporting materials, the Project will include a rebuild of 7.6 miles (10.11 circuit miles) of the existing 115-kilovolt (kV) transmission facilities that are presently located on UI-owned infrastructure (bonnets) that are situated on top of the 157 railroad catenary structures that span the MetroNorth Railroad (MNR) rail lines from just east of Sasco Creek in the Town of Fairfield to UI's Congress Street Substation in the City of Bridgeport. In addition to the removal of electrical infrastructure from the railroad catenary structures, as part of the Project, UI will rebuild a 0.23-mile segment of double-circuit transmission lines that are presently located on lattice steel towers along a UI right-of-way that extends from the railroad corridor to UI's Ash Creek Substation in Bridgeport. IN preparation for the PNF submission, UI contracted with Heritage to complete a Phase IA Cultural Resources Reconnaissance Survey of the Project. This report is attached to the PNF. If you have any questions, please feel free to contact me at dgeorge@heritage-consultants.com or by phone at 860.299.6328.

Sincerely,

A handwritten signature in blue ink, appearing to read "D. George", with a long horizontal flourish extending to the right.

David R. George, M.A., R.P.A
Heritage Consultants, LLC



PROJECT REVIEW COVER FORM

This is: a new submittal supplemental information other Date Submitted: 9/15/22

PROJECT INFORMATION

Project Name: Fairfield to Congress Railroad Transmission Line 115-kV Rebuild Project in Fairfield and Bridgeport, Connecticut

Project Proponent: The United Illuminating Company
The individual or group sponsoring, organizing, or proposing the project.

Project Street Address: Between Sasco Creek in Fairfield and Congress Street Substation in Bridgeport
Include street number, street name, and or Route Number. If no street address exists give closest intersection.

City or Town: Fairfield and Bridgeport, Connecticut County: Fairfield County
Please use the municipality name and not the village or hamlet.

PROJECT DESCRIPTION (REQUIRED)

Please summarize the project below. In a separate attachment, describe the project in detail. As applicable, provide any information regarding past land use, project area size, renovation plans, demolitions, and/or new construction. Please see the attached documentation for a description of the project and its location

List all state and federal agencies involved in the project and indicate the funding, permit, license or approval program pertaining to the proposed project:

Table with 3 columns: Agency Type, Agency Name, Program Name. Rows include USACE, USFWS, CSC, and CT DEEP.

If there is no state or federal agency involvement, please state the reason for your review request:

FOR SHPO USE ONLY

Based on the information submitted to our office for the above named property and project, it is the opinion of the Connecticut State Historic Preservation Office that no historic properties will be affected by the proposed activities.*

Jonathan Kinney
Deputy State Historic Preservation Officer

Date

*All other determinations of effect will result in a formal letter from this office



PROJECT REVIEW COVER FORM

CULTURAL RESOURCES IDENTIFICATION

Background research for previously identified historic properties within a project area may be undertaken at the SHPO's office. To schedule an appointment, please contact Catherine Labadia, 860-500-2329 or Catherine.labadia@ct.gov. Some applicants may find it advantageous to hire a qualified historic preservation professional to complete the identification and evaluation of historic properties.

Are there any historic properties listed on the State or National Register of Historic Places within the project area? (Select one)

Yes No Do Not Know **If yes, please identify:** Please see attached documentation

Architecture

Are there any buildings, structures, or objects within the Area of Potential Effects (houses, bridges, barns, walls, etc.)? The area of potential effects means the geographic area or areas within which an undertaking may directly or indirectly cause alterations in the character or use of historic properties. If you're not sure, check "I don't know."

- Yes (attach clearly labeled photographs of each resource and applicable property cards from the municipality assessor)
- No (proceed to next section)
- I don't know (proceed to next section)

Date the existing building/structures/objects were constructed: Please see attached documentation

If the project involves rehabilitation, demolition, or alterations to existing buildings older than 50 years, provide a work plan (If window replacements are proposed, provide representative photographs of existing windows).

Archeology

Does the proposed project involve ground disturbing activities?

- Yes (provide below or attach a description of current and prior land use and disturbances. Attach an excerpt of the soil survey map for the project area. These can be created for free at: <https://websoilsurvey.nrcs.usda.gov>
Please see attached documentation)
- No

CHECKLIST (Did you attach the following information?)

<p style="text-align: center;">Required for all Projects</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Completed Form <input checked="" type="checkbox"/> Map clearly labelled depicting project area <input type="checkbox"/> Photographs of current site conditions <input checked="" type="checkbox"/> Site or project plans for new construction 	<p style="text-align: center;">Required for Projects with architectural resources</p> <ul style="list-style-type: none"> <input type="checkbox"/> Work plans for rehabilitation or renovation <input type="checkbox"/> Assessor's Property Card <p style="text-align: center;">Required for Projects with ground disturbing activities</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Soil survey map
<p>Suggested Attachments, as needed</p> <ul style="list-style-type: none"> <input type="checkbox"/> Supporting documents needed to explain project <input type="checkbox"/> Supporting documents identifying historic properties <input type="checkbox"/> Historic maps or aerials (available at http://magic.lib.uconn.edu or https://www.historicaerials.com/) 	

PROJECT CONTACT

Name: Correne Auer Firm/Agency: The United Illuminating Company

Address: 100 Marsh Hill Road

City: Orange, State: CT Zip: 06477

Phone: 860.558.6947 Email: cauer@uinet.com

Federal and state laws exist to ensure that agencies, or their designated applicants, consider the impacts of their projects on historic resources. At a minimum, submission of this completed form with its attachments constitutes a request for review by the Connecticut SHPO. The responsibility for preparing documentation, including the identification of historic properties and the assessment of potential effects resulting from the project, rests with the federal or state agency, or its designated applicant. The role of SHPO is to review, comment, and consult. SHPO's ability to complete a timely project review largely depends on the quality of the materials submitted. Please mail the completed form with all attachments to the attention of: Environmental Review, State Historic Preservation Office, 450 Columbus Boulevard, Suite 5, Hartford, CT. **Electronic submissions are not accepted at this time.**

Ellis, Meredith

From: dgeorge@heritage-consultants.com
Sent: Monday, September 26, 2022 10:07 AM
To: Ellis, Meredith
Subject: [Ext] FW: PNF for United Illuminating Fairfield to Congress 115kV Rebuild Project in Fairfield and Bridgeport
Attachments: Heritage Fairfield to Congress PNF 092322.pdf

From: dgeorge@heritage-consultants.com <dgeorge@heritage-consultants.com>
Sent: Friday, September 23, 2022 9:17 AM
To: 'Wisniewski, Marena' <Marena.Wisniewski@ct.gov>
Subject: PNF for United Illuminating Fairfield to Congress 115kV Rebuild Project in Fairfield and Bridgeport

Ms. Wisniewski,

Please find attached a completed Project Notification Form and Phase IA Survey for the Fairfield to Congress 115kV Rebuild Project in Fairfield and Bridgeport. These materials are being submitted for your review and comment on behalf of The United Illuminating Company. Please do not hesitate to contact me if you have any questions about the submitted materials. As always, thank you for your time and consideration.

Dave

David R. George



830 Berlin Turnpike
Berlin, Connecticut 06057
860.299.6328
dgeorge@heritage-consultants.com
www.heritage-consultants.com

CAUTION: This email originated from outside the LaBella organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.



October 31, 2022

Mr. David R. George
Heritage Consultants
PO Box 310249
Newington, CT 06131

Subject: Phase IA Cultural Resource Assessment Survey
Fairfield to Congress Street Substation Railroad Transmission Line 115-kV
Rebuild Project
Fairfield and Bridgeport, Connecticut
ENV-23-0249

Dear Mr. George:

The State Historic Preservation Office (SHPO) has reviewed the archeological survey report prepared by Heritage Consultants, LLC (Heritage), dated September 23, 2022. The proposed activities are under the jurisdiction of the Connecticut Siting Council and are subject to review by this office pursuant to the Connecticut Environmental Policy Act (CEPA) and Section 106 of the National Historic Preservation Act of 1966, as amended. The proposed project includes the rebuilding of two single-circuit 115-kilovolt (kV) overhead lines along the Connecticut Department of Transportation (CT DOT) corridor from existing Catenary Structure B648S in Fairfield to the Congress Street substation (approximately 7.6 miles), which includes the removal of United Illuminating (UI) infrastructure from 157 existing railroad catenaries, as well as on lattice towers along a UI right of way from the railroad corridor to the Ash Creek Substation in Bridgeport. The proposed undertaking includes installation of 103 new steel monopoles, reaching heights of approximately 95 to 135 feet in the Fairfield portion of the project, 95 – 145 feet in the Bridgeport portion of the project, and approximately 195 feet structures spanning the length between the Pequonnock and Congress Street substations. Vegetation clearing, construction of new access roads, and construction of work pads are also proposed as part of the project. The submitted report is well-written, comprehensive, and meets the standards set forth in the *Environmental Review Primer for Connecticut's Archaeological Resources*.

The Phase IA survey consisted of a pedestrian survey, review of historic maps and aerials, and review of various data related to the existing DOT corridor, and literature review. Six previously identified archaeological sites are located within the study area; four will not be impacted by the proposed undertaking. Sites 15-2 and 15-3 are not definitely mapped, and, due to potential changes to the banks of the Housatonic River over time, may be within areas proposed to contain construction activity; this office concurs that timber matting should be used in this area to help

State Historic Preservation Office

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mitigate impacts; if not possible, a professional archaeologist be on site for any planned excavation activities in these areas (between proposed structures 775S and 779S).

Numerous properties listed on both the State and National Registers of Historic Places (SR and NR, respectively) are located within the study area;

- Southport Historic District (NR# 71000898);
- 678 Pequot Avenue (SR, listed 1975);
- 560 Pequot Avenue (SR, listed 1975);
- Southport Historic District, Spruce Street Extension (SR, listed 2007);
- Southport Railroad Stations (NR# 89000927);
- Fairfield Railroad Stations (NR# 89000926);
- Railroad Avenue Historic District (NR# 85002697);
- Division Street Historic District (NR# 82004385);
- Walters Memorial AME Zion Church (SR, listed 2014);
- Barnum-Palliser Historic District (NR# 82000995);
- David Perry House (NR# 84000814);
- Mary and Eliza Freeman Houses (NR# 99000110);
- Barnum Museum (NR# 72001300, National Historic Landmark);
- Bridgeport Downtown South Historic District (NR# 87001402);
- Bridgeport Downtown North Historic District (NR# 87001403);
- US Post Office – Bridgeport Main (NR# 86000453);
- Berkshire No. 7 (NR# 78002837);
- Elmer S. Dailey (NR# 78002838);
- Pricilla Dailey (NR# 78002840);
- Pequonnock River Railroad Bridge (NR# 87000843, demolished 1998), and
- Connecticut Railway and Lighting Company Car Barn (NR# 87001405, demolished 2008).

Additionally, there are also properties within the project area that may be eligible for listing on either Register, along with properties within historic districts that may be individually eligible for listing.

Given the height of the proposed structures, this Office recommends that the study area for visual impacts be extended to 0.5 miles from the installation of any proposed structures under 200 feet in height, which is the same area of potential effect (APE-VE) used by the Federal Communications Commission in their *Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process* for new tower installations under 200 feet. Resources within this new APE-VE should be subjected to viewshed analysis.

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Out of the enumerated resources above, 12 resources will be visually impacted by the proposed undertaking, to varying degrees. Additionally, the corridor itself, the Metro-North Railroad (MNR)/Amtrack Railroad Alignment, formerly the New York, New Haven, & Hartford Railroad, is eligible for listing on the National Register, under Criteria A, in the area of transportation, as well as in the development of the Connecticut shoreline. As such, the proposed scope of work will have an adverse effect to historic resources. This office requests that the proponent consults with this office regarding mitigation for the adverse impacts. SHPO recognizes that construction plans are not final and are subject to change, and also requests to be sent any changes or updates as they develop. We would also like to view photosimulations of the proposed structures from resources that will be visually impacted. This should be undertaken following the viewshed analysis of the expanded APE-VE, and include any additional resources found to be impacted by the proposed undertaking.

As a result of the Phase IA survey, it was determined that twelve structures would be installed with areas that had a potential to contain intact deposits (P-657S and P-659, P-739N, P-740N, P-742N, P-743N, P-744N, P-744EN, P-745N, P-745S, P-746S, and P-748S). We therefore recommend that a Phase IB professional cultural resources assessment and reconnaissance survey that includes these areas be completed prior to construction. All work should be in compliance with our *Environmental Review Primer for Connecticut's Archaeological Resources* and no construction or other project-related ground disturbance or demolition should be initiated until SHPO has had an opportunity to review and comment upon the requested survey.

SHPO appreciates the cooperation of all interested parties in the professional management of Connecticut's cultural resources. We look forward to additional consultation and a successful resolution for all parties. These comments are provided in accordance with the Connecticut Environmental Policy Act. For additional information, please contact Marena Wisniewski, Environmental Reviewer, at (860) 500-2357 or marena.wisniewski@ct.gov.

Sincerely,

A handwritten signature in black ink that reads "Jonathan Kinney". The signature is fluid and cursive, with a long horizontal stroke at the end.

Jonathan Kinney
State Historic Preservation Officer

State Historic Preservation Office

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January 16, 2023

Ms. Marena Wisniewski
Department of Economic and Community Development
National Register Specialist
450 Columbus Boulevard, Suite 5
Hartford, Connecticut 06103

Subject: Status of Supplemental Cultural Resources Analyses for the Proposed Fairfield to Congress Railroad Transmission Line 115-kV Rebuild Project in Fairfield and Bridgeport, Connecticut ENV-23-049

Dear Ms. Wisniewski,

On behalf of The United Illuminating Company (UI), thank you for your letter of October 31, 2022 regarding your review of the previously submitted Phase 1A Cultural Resources Assessment Survey (dated September 23, 2022) for the Fairfield to Congress Street Substation Railroad Transmission Line 115-kV Rebuild Project (the Project) in Fairfield and Bridgeport, Connecticut.

The UI Project team has reviewed your comments and, in response, is in the process of preparing supplemental visual resource analyses to further define potential indirect visual effects to previously identified above-ground cultural resources. UI understands that your office has requested that the study area for visual impacts be extended from 500 feet (as presented in the Phase 1A analyses) to 0.5 miles from the centerline of the Project corridor, which is the equivalent to Area of Potential Effect for Visual Effects (APE-VE) used by the Federal Communications Commission in their *Nationwide Programmatic Agreement Regarding the Section 106 National Historic Preservation Act Review Process* for new cellular communications facilities that similarly have towers measuring up to 200 feet in height. Heritage Consultants, LLC (Heritage) and All-Points Technology Corporation (All-Points) have been working cooperatively on the revised visual assessment for the Project and will submit that for you review once completed.

As requested in the October 31, 2022 letter, UI also is planning to complete archaeological investigation of specific locations along the Project corridor where construction could occur in areas that could potentially contain intact buried cultural resources. As we discussed in our last telephone conversation, Phase IB survey techniques would not be suitable for these areas due to the presence of pavement in some locations and deposits of fill soil, as well as the possibility of deeply buried deposits that could not be reached with hand-excavation techniques. We had discussed and agreed to Heritage conducting archaeological monitoring in these areas instead of Phase IB survey. The monitoring effort will be completed in conjunction with UI contractors who will remove the uppermost 4 to 5 feet of fill in these areas using a vacuum soil removal technique. Heritage then will monitor the removal of subsequent soil layers, which will be completed with a backhoe to carefully reveal any archaeological deposits that may be present beneath the fill. It is anticipated that the archaeological monitoring effort will take place

immediately prior to or during the initial stages of construction, after which Heritage will prepare and submit a report of the findings to your office for review and comment.

If you have any questions, please feel free to contact me at dgeorge@heritage-consultants.com or by phone at 860.299.6328.

Sincerely,

A handwritten signature in cursive script that reads "David R. George".

David R. George, M.A., R.P.A
Heritage Consultants, LLC



January 17, 2023

Mr. David R. George
Heritage Consultants
PO Box 310249
Newington, CT 06131

Subject: Supplemental Investigation for Potential Direct and Indirect Impacts
Fairfield to Congress Street Substation Railroad Transmission Line 115-kV
Rebuild Project
Fairfield and Bridgeport, Connecticut
ENV-23-0249

Dear Mr. George:

The State Historic Preservation Office (SHPO) has reviewed the technical memo submitted by Heritage Consultants, LLC (Heritage), to this office dated January 16, 2023, in regards to the above-referenced project. As you are aware, the proposed activities are under the jurisdiction of the Connecticut Siting Council and subject to review by this office pursuant to the Connecticut Environmental Policy Act (CEPA) and Section 106 of the National Historic Preservation Act of 1966, as amended. The proposed project includes the rebuilding of two single-circuit 115-kilovolt (kV) overhead lines along the Connecticut Department of Transportation (CT DOT) corridor from existing Catenary Structure B648S in Fairfield to the Congress Street substation (approximately 7.6 miles), which includes the removal of United Illuminating (UI) infrastructure from 157 existing railroad catenaries, as well as on lattice towers along a UI right of way from the railroad corridor to the Ash Creek Substation in Bridgeport. The proposed undertaking includes installation of 103 new steel monopoles, reaching heights of approximately 95 to 135 feet in the Fairfield portion of the project, 95 – 145 feet in the Bridgeport portion of the project, and approximately 195 feet structures spanning the length between the Pequonnock and Congress Street substations. Vegetation clearing, construction of new access roads, and construction of work pads are also proposed as part of the project.

In a letter dated October 31, 2022 our office requested additional analysis for potential visual impacts along the length of the project corridor. This office understands that this analysis is currently being undertaken, and looks forward to receiving the updated information, once it is available.

In the same letter, this office requested that a Phase IB investigation be undertaken in specific areas that were anticipated to be directly impacted by the proposed action. Subsequent to the issuance of this letter, our office was made aware that it would not be possible to complete hand

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Department of Economic and
Community Development

State Historic Preservation Office

excavations, due to soil conditions and site constraints. As an alternative, the Project Proponent will install archeological monitoring during construction, utilizing a vacuum soil removal technique, followed by review of excavated soil for the presence of any archaeological deposits. This monitoring is anticipated to take place prior to or during the initial stages of construction.

The proposed monitoring as described above is consistent with the standards set forth in the *Environmental Review Primer for Connecticut's Archaeological Resources*; this office has no objection to the scope of work.

SHPO appreciates the cooperation of all interested parties in the professional management of Connecticut's cultural resources. We look forward to reviewing the viewshed report and archaeological monitoring results once they are complete. These comments are provided in accordance with the Connecticut Environmental Policy Act. For additional information, please contact Marena Wisniewski, Environmental Reviewer, at (860) 500-2357 or marena.wisniewski@ct.gov.

Sincerely,

A handwritten signature in black ink that reads "Jonathan Kinney". The signature is written in a cursive style with a long, sweeping underline.

Jonathan Kinney
State Historic Preservation Officer

State Historic Preservation Office

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A.2: Connecticut Department of Energy and Environmental Protection (CT DEEP), Natural Diversity Database (NDDDB) and Department of Agriculture, Bureau of Aquaculture (DA/BA)

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A.2.1: NDDB Request Forms

Note: Maps associated with this filing were provided to CT DEEP and are available upon request.



January 17, 2022

Ms. Karen Zyko
Environmental Analyst
Central Permit Processing Unit
Department of Energy and Environmental Protection
79 Elm Street
Hartford, Connecticut 06106-5127
deep.nddbrequest@ct.gov

**RE: Request for Natural Diversity Database State – Listed Species Review Update
United Illuminating Company
Fairfield – Congress Railroad Transmission Line 115-kV Rebuild Project
Towns of Fairfield and Bridgeport
Fairfield County, Connecticut**

Dear Ms. Zyko:

To maintain the reliability of the bulk transmission grid in Connecticut and regionally, The United Illuminating Company (UI) proposes to rebuild its existing 115-kV overhead line that extends between Sasco Brook in the Town of Fairfield and UI's Congress Street Substation located in the City of Bridgeport within Fairfield County, Connecticut (Project).

In support of the Project, LaBella Associates, D.P.C (LaBella) on behalf of UI requests any information from the Connecticut Department of Energy and Environmental Protection Natural Diversity Data Base (NDDB) on state-listed species documented in the vicinity of the proposed project. This NDDB review submission is intended to update a previous submission completed in 2019 during preliminary assessments for the Project (NDDB Preliminary Assessment Number 201910756).

The proposed Project is located along the Connecticut Department of Transportation (CT DOT) corridor. The proposed Project is still in the design phase, and conceptual routes to access the existing structures and proposed monopole locations have not been finalized. In addition to the work that will be completed within the right-of-way corridor, a "potential project work area" to encompass potential access routes has been added to the attached mapping for NDDB review. A more detailed Project design is currently in development, and UI is anticipating a supplemental submission for NDDB screening and review once a more detailed final design has been completed.

Included with this letter is a completed NDDB request form. The attached information request package includes the following to facilitate your review:

- Attachment A – Site Overview Map
- Attachment B – Detailed Site Map
- Attachment C – Supplemental Project Information



If you require any additional information and clarification for your review, please do not hesitate to contact me at (518) 791-1106 or via email at mellis@labellapc.com.

Sincerely,

LaBella Associates

Meredith Ellis, CE, WPIT
Permitting & Compliance Manager

ecc: Todd Berman – Manager of Environmental Programs & Projects, United Illuminating
Correne Auer, PE – Environmental Permitting & Compliance Specialist, United Illuminating
Jonathan Geldard, PMP – Project Manager, LaBella Associates

Attachments



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division

CPPU USE ONLY	
App #:	_____
Doc #:	_____
Check #: No fee required	
Program: Natural Diversity Database Endangered Species	
Hardcopy _____	Electronic _____

Request for Natural Diversity Data Base (NDDDB) State Listed Species Review

Please complete this form in accordance with the [instructions](#) (DEEP-INST-007) to ensure proper handling of your request.

There are no fees associated with NDDB Reviews.

Part I: Preliminary Screening & Request Type

<p>Before submitting this request, you must review the most current Natural Diversity Data Base "State and Federal Listed Species and Significant Natural Communities Maps" found on the DEEP website. These maps are updated twice a year, usually in June and December.</p> <p>Does your site, including all affected areas, fall in an NDDB Area according to the map instructions: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Enter the date of the map reviewed for pre-screening: <u>August 2021</u></p>	
This form is being submitted for a :	
<input checked="" type="checkbox"/> New NDDDB request <input type="checkbox"/> Renewal/Extension of a NDDDB Request, without modifications and within two years of issued NDDDB determination (no attachments required) <small>[CPPU Use Only - NDDDB-Listed Species Determination # 1736]</small>	<input type="checkbox"/> New Safe Harbor Determination (optional) must be associated with an application for a GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities <input type="checkbox"/> Renewal/Extension of an existing Safe Harbor Determination <input type="checkbox"/> With modifications <input type="checkbox"/> Without modifications (no attachments required) <small>[CPPU Use Only - NDDDB-Safe Harbor Determination # 1736]</small>
Enter NDDDB Determination Number for Renewal/Extension: 201910756 (September 2019)	Enter Safe Harbor Determination Number for Renewal/Extension:

Part II: Requester Information

If the requester is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the name shall be stated **exactly as it is registered with the Secretary of State. Please note, for those entities registered with the Secretary of State, the registered name will be the name used by DEEP. This information can be accessed at the Secretary of the State's database CTData SOTS Portal. (<http://searchctbusiness.ctdata.org/>)*

If the requester is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

If there are any changes or corrections to your company/facility or individual mailing or billing address or contact information, please complete and submit the [Request to Change company/Individual Information](#) to the address indicated on the form.

1. Requester*

Company Name: LaBella Associates, D.P.C on behalf of The United Illuminating Company

Contact Name: Meredith Ellis

Address: 4 British American Boulevard

City/Town: Latham

State: NY

Zip Code: 12110

Business Phone: 518-439-8235

ext.

**E-mail: mellis@labellapc.com

**By providing this email address you are agreeing to receive official correspondence from the department, at this electronic address, concerning this request. Please remember to check your security settings to be sure you can receive emails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes

a) Requester can best be described as:

Individual Federal Agency State agency Municipality Tribal

business entity (if a business entity complete i through iii):

i) Check type corporation limited liability company limited partnership

limited liability partnership statutory trust Other:

ii) Provide Secretary of the State Business ID #:1213214 This information can be accessed at the Secretary of the State's database (CONCORD). (www.concord-sots.ct.gov/CONCORD/index.jsp)

iii) Check here if your business is **NOT** registered with the Secretary of State's office.

b) Acting as (Affiliation), pick one:

Property owner Consultant Engineer Facility owner Applicant

Biologist Pesticide Applicator Other representative:

2. List Primary Contact to receive Natural Diversity Data Base correspondence and inquiries, if different from requester.

Company Name: The United Illuminating Company

Contact Person: Todd Berman

Title: Manager, Environmental Programs and Projects

Mailing Address: 100 Marsh Hill Road

City/Town: Orange

State: CT

Zip Code: 06477

Business Phone: 860-395-8297

ext.

**E-mail: Todd.Berman@uinet.com

Part III: Site Information

This request can only be completed for one site. A separate request must be filed for each additional site.

1. SITE NAME AND LOCATION		
Site Name or Project Name: Fairfield - Congress Railroad 115-kV Transmission Line Upgrade		
Town(s): Bridgeport, Fairfield	The coordinates for the beginning and end points of this linear project are 41.127836, -73.299950; and 41.1826129, -73.1862992 respectively. The Project site is a linear corridor along an existing railroad, and is approximately 7.75 miles long from Sasco Creek to UI's Congress Street substation with an approximate 0.25 mile long section that runs to Ash Creek Substation	
Street Address or Location Description:		
Size in acres, or site dimensions: 8 miles in length		
Latitude and longitude of the center of the site in decimal degrees (e.g., 41.23456 -71.68574):		
Latitude: 41.1577596	Longitude: -73.2386132	
Method of coordinate determination (check one):		
<input type="checkbox"/> GPS <input type="checkbox"/> Photo interpolation using CTECO map viewer <input checked="" type="checkbox"/> Other (specify): GIS		
2a. Describe the current land use and land cover of the site.		
The existing project Study Area is located mostly within the CT DOT MNR ROW that contains railroad tracks and disturbed banks along the northern and southern portions of the ROW. Areas adjacent to the railroad tracks consist mostly of residential, commercial, and industrial development, with small tracts of undeveloped areas such as forest and wetlands. The Project starts east of Sasco Creek, and crosses Mill River and Ash Creek. The easternmost portion of the project runs adjacent to Bridgeport Harbor.		
b. Check all that apply and enter the size in acres or % of area in the space after each checked category.		
<input checked="" type="checkbox"/> Industrial/Commercial <u>10</u>	<input checked="" type="checkbox"/> Residential <u>10</u>	<input checked="" type="checkbox"/> Forest <u>2</u>
<input checked="" type="checkbox"/> Wetland <u>2</u>	<input checked="" type="checkbox"/> Field/grassland <u>2</u>	<input type="checkbox"/> Agricultural _____
<input checked="" type="checkbox"/> Water <u>2</u>	<input checked="" type="checkbox"/> Utility Right-of-way <u>2</u>	
<input checked="" type="checkbox"/> Transportation Right-of-way <u>70</u>	<input type="checkbox"/> Other (specify): _____	

Part IV: Project Information

1. PROJECT TYPE: Utility construction/modification
Choose Project Type: Utility construction/modification , If other describe: _____
2. Is the subject activity limited to the maintenance, repair, or improvement of an existing structure within the existing footprint? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain.

Part IV: Project Information (continued)

3. Give a detailed description of the activity which is the subject of this request and describe the methods and equipment that will be used. Include a description of steps that will be taken to minimize impacts to any known listed species.

To maintain the reliability of the bulk transmission grid in Connecticut and regionally, The United Illuminating Company (UI) proposes to rebuild its existing single-circuit 115-kilovolt (kV) overhead line (Project) located along the Connecticut Department of Transportation (CT DOT) railroad corridor between the eastern side of Sasco Creek near the Town of Fairfield border and UI's Congress Street Substation located within the City of Bridgeport. The upgrades will improve the reliability, capacity, and resiliency of the transmission system, ensuring that the safe and reliable transmission of power is maintained, in accordance with Federal reliability standards. The Project will first involve minimal tree clearing and geotechnical due-diligence work, followed by construction of the new monopoles to support the 115-kV lines, after which the existing 115-kV transmission line facilities will be removed from the top of the existing catenary structure bonnets. Anticipated construction equipment includes, but is not limited to, bucket trucks, cranes, pulling mechanisms for new wires, excavators, loaders, and construction support vehicles. Please see Attachment C for additional details.

Wetlands and watercourses have been field delineated along the existing ROW, and additional areas will be delineated where proposed access routes will be installed. Wetlands will be avoided to the maximum extent practicable. All contractors will utilize soil erosion and sediment control best management practices in accordance to the General Permit for Discharge of Stormwater from Construction activities that will be submitted for the proposed Project. It is expected that timber matting will be utilized as needed, and additional avoidance and mitigation strategies such as specific BMPs or training on sensitive species/habitat will be developed as detailed project design progresses and site-specific species information is determined.

4. If this is a renewal or extension of an existing Safe Harbor request *with* modifications, explain what about the project has changed.

N/A

5. Provide a contact for questions about the project details if different from Part II primary contact.

Name: Todd Berman

Phone: 860-395-8297

E-mail: todd.berman@uinet.com

Part V: Request Requirements and Associated Application Types

Check *one* box from either Group 1, Group 2 or Group 3, indicating the appropriate category for this request.

Group 1. If you check one of these boxes, complete Parts I – VII of this form and submit the required attachments A and B.

- Preliminary screening was negative but an NDDB review is still requested
- Request regards a municipally regulated or unregulated activity (no state permit/certificate needed)
- Request regards a preliminary site assessment or project feasibility study
- Request relates to land acquisition or protection
- Request is associated with a *renewal* of an existing permit or authorization, with no modifications

Group 2. If you check one of these boxes, complete Parts I – VII of this form and submit required attachments A, B, and C.

- Request is associated with a *new* state or federal permit or authorization application or registration
- Request is associated with modification of an existing permit or other authorization
- Request is associated with a permit enforcement action
- Request regards site management or planning, requiring detailed species recommendations
- Request regards a state funded project, state agency activity, or CEPA request

Group 3. If you are requesting a **Safe Harbor Determination**, complete Parts I-VII and submit required attachments A, B, and D. Safe Harbor determinations can only be requested if you are applying for a GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

If you are filing this request as part of a state or federal permit application(s) enter the application information below.

Permitting Agency and Application Name(s):

CT Siting Council Review and Permitting _____

Related State DEEP Permit Number(s), if applicable: _____

State DEEP Enforcement Action Number, if applicable: _____

State DEEP Permit Analyst(s)/Engineer(s), if known: _____

Is this request related to a previously submitted NDDB request? Yes No

If yes, provide the previous NDDB Determination Number(s), if known: _____

201910756 (September 2019)

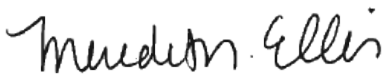
Part VI: Supporting Documents

Check each attachment submitted as verification that *all* applicable attachments have been supplied with this request form. Label each attachment as indicated in this part (e.g., Attachment A, etc.) and be sure to include the requester's name, site name and the date. **Please note that Attachments A and B are required for all new requests and Safe Harbor renewals/extensions with modifications.** Renewals/Extensions with no modifications do not need to submit any attachments. Attachments C and D are supplied at the end of this form.

<input checked="" type="checkbox"/> Attachment A:	Overview Map: an 8 1/2" X 11" print/copy of the relevant portion of a USGS Topographic Quadrangle Map clearly indicating the exact location of the site.
<input checked="" type="checkbox"/> Attachment B:	Detailed Site Map: fine scaled map showing site boundary and area of work details on aerial imagery with relevant landmarks labeled. (Site and work boundaries in GIS [ESRI ArcView shapefile, in NAD83, State Plane, feet] format can be substituted for detailed maps, see instruction document)
<input checked="" type="checkbox"/> Attachment C:	Supplemental Information, Group 2 requirement (attached, DEEP-APP-007C) <input checked="" type="checkbox"/> Section i: Supplemental Site Information and supporting documents <input checked="" type="checkbox"/> Section ii: Supplemental Project Information and supporting documents
<input type="checkbox"/> Attachment D:	Safe Harbor Report Requirements, Group 3 (attached, DEEP-APP-007D)

Part VII: Requester Certification

The requester *and* the individual(s) responsible for actually preparing the request must sign this part. A request will be considered incomplete unless all required signatures are provided.

<p>"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief."</p>	
	1/10/2022
Signature of Requester (a typed name will substitute for a handwritten signature)	Date
Meredith Ellis	Permitting and Compliance Manager
Name of Requester (print or type)	Title (if applicable)
Signature of Preparer (if different than above)	Date
Name of Preparer (print or type)	Title (if applicable)

Note: Please submit the completed Request Form and all Supporting Documents to:

CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Or email request to: deep.nddbrequest@ct.gov

Attachment C: Supplemental Information, Group 2 requirement

Section i: Supplemental Site Information

1. Existing Conditions

Describe all natural and man-made features including wetlands, watercourses, fish and wildlife habitat, floodplains and any existing structures potentially affected by the subject activity. Such features should be depicted and labeled on the site plan that must be submitted. Photographs of current site conditions may be helpful to reviewers.

The proposed Project will be constructed mostly along the existing CT DOT ROW, and consists of a disturbed corridor that is still in use by MNR. This Project runs through a developed area, and is mostly surrounded by various residential, commercial, and industrial development. The ROW does cross over small areas of occasional forest or wetland/watercourse. Several wetlands have been delineated within the Study Area, and the ROW overlaps three mapped Natural Diversity Areas that are associated with Mill River, Sasco Creek, and Bridgeport Harbor (please see Attachment B).

- Site Photographs (optional) attached
- Site Plan/sketch of existing conditions attached

2. Biological Surveys

Has a biologist visited the site and conducted a biological survey to determine the presence of any endangered, threatened or special concern species Yes No

If yes, complete the following questions and submit any reports of biological surveys, documentation of the biologist's qualifications, and any NDDDB survey forms.

Biologist(s) name: _____

Habitat and/or species targeted by survey: _____

Dates when surveys were conducted: _____

- Reports of biological surveys attached
- Documentation of biologist's qualifications attached
- [NDDDB Survey forms](#) for any listed species observations attached

Section ii: Supplemental Project Information

1. Provide a schedule for all phases of the project including the year, the month and/or season that the proposed activity will be initiated and the duration of the activity.

Detailed engineering plans are in progress, from Q1 2021 through Q1 2024. Construction is anticipated to start in Q3 2024 and continue until Q3 2027, for a goal to be in-service by Q2 2028. However, as detailed design progresses, the anticipated schedule is subject to change.

2. Describe and quantify the proposed changes to existing conditions and describe any on-site or off-site impacts. In addition, provide an annotated site plan detailing the areas of impact and proposed changes to existing conditions.

Please see Attachment C: Supplemental Information for additional project details.

The site design, including access routes, is in progress and therefore temporary and/or permanent impacts are not fully known at this time.

- Annotated Site Plan attached

Attachment D: Safe Harbor Report Requirements

Submit a report, as Attachment D, that synthesizes and analyzes the information listed below. Those providing synthesis and analysis need appropriate qualifications and experience. A request for a safe harbor determination shall include:

- 1. Habitat Description and Map(s), including GIS mapping overlays, of a scale appropriate for the site, identifying:**
 - wetlands, including wetland cover types;
 - plant community types;
 - topography;
 - soils;
 - bedrock geology;
 - floodplains, if any;
 - land use history; and
 - water quality classifications/criteria.
- 2. Photographs** - The report should include photographs of the site taken from the ground and also all reasonably available aerial or satellite photographs and an analysis of such photographs.
- 3. Inspection** - A visual inspection(s) of the site should be conducted, preferably when the ground is visible, and described in the report. This inspection can be helpful in confirming or further evaluating the items noted above.
- 4. Biological Surveys** - The report should include all biological surveys of the site where construction activity will take place that are reasonably available to a registrant. A registrant shall notify the Department's Wildlife Division of biological studies of the site where construction activity will take place that a registrant is aware of but are not reasonably available to the registrant.
- 5. Based on items #1 through 4 above, the report shall include a Natural Resources Inventory of the site of the construction activity.** This inventory should also include a review of reasonably available scientific literature and any recommendations for minimizing adverse impacts from the proposed construction activity on listed species or their associated habitat.
- 6. In addition, to the extent the following is available at the time a safe harbor determination is requested, a request for a safe harbor determination shall include and assess:**
 - Information on Site Disturbance Estimates/Site Alteration information
 - Vehicular Use
 - Construction Activity Phasing Schedules, if any; and
 - Alteration of Drainage Patterns



REQUEST FOR NATURAL DIVERSITY DATA BASE (NDDB)

STATE-LISTED SPECIES REVIEW

FAIRFIELD TO CONGRESS
RAILROAD TRANSMISSION LINE 115-KV REBUILD PROJECT
Towns of Fairfield and Bridgeport
Fairfield County, Connecticut

Prepared For: Todd Berman
Manager of Environmental Programs & Projects
United Illuminating Company
180 Marsh Hill Road
Orange, Connecticut 06477
Todd.Berman@uinet.com

Prepared By: LaBella Associates, D.P.C.
4 British American Boulevard
Latham, New York 12110
LaBella Project No. 2210517

Date: January 2022



LIST OF ATTACHMENTS

ATTACHMENT A – OVERVIEW MAP

ATTACHMENT B – DETAILED SITE MAP SET

ATTACHMENT C – SUPPLEMENTAL PROJECT INFORMATION

ATTACHMENT A

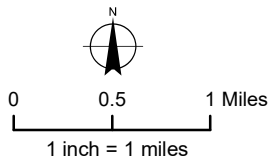
Overview Map

Path: \\vesh.lab\p\VA\Env\Wetlands\2210517 - UI Env Permitting Fairfield to Congress\Drawings\Species Coordination\NDDDB Request August 2021\Attachment A - Site Location Map.mxd



Legend

- Proposed Project Location
- Municipal Boundary



Sources:
 1. Study Area: Created by LaBella using information provided by the client.
 2. Basemap: ESRI World Topographic Map - ESRI, HERE, Garmin, OpenStreetMap contributors, and the GIS Community.

**UI FAIRFIELD TO CONGRESS
 115-KV TRANSMISSION LINE REBUILD
 FAIRFIELD COUNTY, CONNECTICUT**

ATTACHMENT A: PROJECT OVERVIEW



LaBella Project No: 2211197
 Date: November 2021

ATTACHMENT B

Detailed Site Map

ATTACHMENT C

Supplemental Project Information

**Request for NDDDB State-Listed Species Review
Attachment C
Supplemental Project Information**

Project Background

To maintain the reliability of the bulk transmission grid in Connecticut and regionally, The United Illuminating Company (UI) proposes to rebuild its existing single-circuit 115-kilovolt (kV) overhead line (Project) located along the Connecticut Department of Transportation (CT DOT) corridor between the east of Sasco Creek at the Town of Fairfield border at the Eversource-UI demarcation point and UI's Congress Street Substation located within the City of Bridgeport.

The Project extends southwest to northeast within the Town of Fairfield and Bridgeport within Fairfield County, Connecticut. The existing 115-kV line between Sasco Creek (at the Eversource – UI demarcation point) and Congress Street Substation is approximately eight miles long, and also connects to UI's Ash Creek Substation, Bridgeport Resco Substation, and Pequonnock Substation which are situated along the route adjacent to the railroad corridor. The upgrades will improve the reliability, capacity, and resiliency of the transmission system, ensuring that the safe and reliable transmission of power is maintained in accordance with Federal reliability standards.

Currently, the Fairfield-Congress 115-kV line is located within the railroad corridor on top of catenary structures that span the existing Metro-North Railroad (MNR) rail lines. The UI transmission lines are supported on columns, referred to as “bonnets”, located on top of the CT DOT catenary structures. CT DOT owns the railroad corridor, which includes three tracks, in fee. Under a lease agreement between UI and CT DOT, the catenary structures support UI-owned bonnet/pole extensions, along with conductors, shield wires, insulators, and insulator hardware. The Project entails relocating the existing transmission lines off the railroad catenary bonnets and installing the lines on independent steel monopoles with new insulators, hardware, and conductors to be installed mostly within the railroad corridor.

Project General Description

Recent engineering analyses of the existing 115-kV line along the CT DOT corridor between Sasco Creek and Congress Substation determined that the transmission line support structures be upgraded and a new 115-KV transmission line be installed on new steel monopoles along the CT DOT railroad in order to maintain the reliability of the bulk transmission grid due to increased mechanical load, to meet current electrical codes, and to withstand extreme weather conditions (such as hurricanes).

Based on these engineering analyses, UI proposes to rebuild the 115-kV line on monopoles that will be located mostly along the railroad corridor, on property mostly owned by CT DOT when possible. The main components of the Fairfield-Congress Railroad Transmission Line 115-kV Rebuild Project, will include:

- Rebuild the 115-kV line in a single-circuit configuration, supported on galvanized steel monopole structures, between Sasco Creek and the last existing monopole on the north side of the railroad, B737.

- Rebuild the 115-kV line in a double circuit configuration, supported on galvanized steel monopole structures, from the last existing monopole on the north side of the railroad, B737, to Congress Street Substation, with exceptions of two single circuits on both sides of the railroad track in which that is the best alternative.
- The new structure heights will vary by location. Based on current design information, the proposed pole heights are anticipated to generally range from 100 to 130 feet, with exceptions where greater clearances are needed, such as at train stations and waterway crosses, which has the possibility of extending up to 200 feet.
- Modify existing 115-kV connections, based on the configuration of the rebuilt 115-kV lines from Sasco Creek to Congress Street Substation and three other substations (Ash Creek, Bridgeport Resco, and Pequonnock).
- Decommission and remove the existing 115-kV facilities on the railroad catenary structures and remove the existing bonnets.

According to UI engineering analysis, there will be approximately 115 to 125 proposed new structures along the railroad corridor between Sasco Creek and Congress Street Substation. Between Sasco Creek and the Congress Street Substation, the railroad corridor varies in width, but generally ranges from approximately 102 to 180 feet.

Existing Land Use

The CT DOT ROW contains four railroad tracks and disturbed stone banks. The ROW for the rebuilt 115-kV line will extend adjacent to a mix of land uses (residential, recreational, commercial, and industrial) and will be near or will cross certain environmental resources (inland/tidal wetlands, rivers, flood zones, and coastal zone boundaries) and Natural Diversity Areas within the Towns of Fairfield and Bridgeport. The Project runs from the east side of Sasco Creek, and crosses Mill River and Ash Creek. The easternmost portion of the Project runs adjacent to Bridgeport Harbor. Wetlands and watercourses have been field delineated within the ROW, and additional areas will be delineated where proposed access routes will be installed once design details have progressed.

Project Construction

The Project will first involve staking, minimal vegetation clearing, and geotechnical borings as part of the due diligence and preliminary investigation of the site. During construction, additional vegetation clearing will occur in order to access the proposed pole locations, construct the monopoles, and perform removals. Construction will entail drilling approximately 6-9 foot diameter holes for the concrete pole foundations and erecting the new monopoles to support the 115-kV lines. The existing 115-kV transmission line facilities will then be removed from the top of the catenary structure bonnets and placed on the new monopoles. The development of design plans is underway; however, it is expected that the monopoles and associated work pads will be located mostly within the CT DOT corridor.

Matting will be used in certain areas to allow for vehicle access to construct the monopole structures and for removal of the existing 115-kV infrastructure. Access to construct the monopoles is expected to be via the existing public road network, CT DOT access, or new temporary or permanent access

roads, some of which may traverse private property. The majority of the Project's infrastructure construction will occur within the CT DOT corridor boundary.

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A.2.2: NDDB Determination Letters

January 28, 2022

Todd Berman
The United Illuminating Company
100 Marsh Hill Rd
Orange, CT 06477
todd.berman@uinet.com

NDDB DETERMINATION NUMBER: 202200482

Project: Fairfield - Congress Railroad 115-kV Transmission Line Upgrade; along CTDOT MNR ROW, from Sasco Creek in Fairfield to UI Congress Street substation in Bridgeport, CT

Expiration: January 28, 2024

I have reviewed Natural Diversity Database (NDDB) maps and files regarding this project. According to our records, there are State-listed species (RCSA Sec. 26-306) that may occur within, or be affected by the proposed project area.

Peregrine falcon (*Falco peregrinus*)- State Threatened

Location: I-95 bridge over the Pequonnock River in Bridgeport

his falcon nests from April through July and is very susceptible to human disturbance during this time. Peregrine falcons are very territorial during the breeding season and will make their presence known if in close proximity to a nest site. The wildlife division recommends a 660' setback from nests with no public access. To determine if a nest in your area is active this year contact the DEEP Wildlife Biologist coordinating Peregrine falcon monitoring (Brian.hess@ct.gov).

- Do not conduct work between April- July within 330 feet (approximately 100 meters) of active nests that are out of line of sight, or within 660 feet (approximately 200 meters) from nests that are in the line of sight of nests.

Blueback herring (*Alosa aestivalis*)- State Special Concern

There are records of Blueback herring (*Alosa aestivalis*) in the Mill River in Fairfield. If any in-water work is planned you may need to consult with a Fisheries Biologist. DEEP Fisheries Biologists are routinely involved in pre-application consultations with regulatory staff and applicants in order to identify potential fisheries issues and work with applicants to mitigate negative effects, including to endangered species. If you have not already talked with a Fisheries Biologist about your project, you may contact the Permit Analyst assigned to process your application for further information, including the contact information for the Fisheries Biologist assigned to review your application.

This is determination is valid for two years. Please submit an updated NDDB Request for Review if the scope of the proposed work changes or if work has not begun by expiration date.

Natural Diversity Database information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Bureau of Natural Resources and

cooperating units of DEEP, independent conservation groups, and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the NDDDB should not be substituted for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated in the NDDDB as it becomes available.

Please contact me if you have any questions (shannon.kearney@ct.gov). Thank you for consulting with the Natural Diversity Database and continuing to work with us to protect State-listed species.

Sincerely,

/s/ Shannon B. Kearney
Wildlife Biologist

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A.2.1: NDDB Request Form

Note: Maps associated with this filing were provided to CT DEEP and are available upon request.

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Connecticut Department of
 Energy & Environmental Protection
 Bureau of Natural Resources
 Wildlife Division

CPPU USE ONLY	
App #:	_____
Doc #:	_____
Check #:	No fee required
Program:	Natural Diversity Database Endangered Species
Hardcopy	_____ Electronic _____

Request for Natural Diversity Data Base (NDDDB) State Listed Species Review

Please complete this form in accordance with the [instructions](#) (DEEP-INST-007) to ensure proper handling of your request.

There are no fees associated with NDDB Reviews.

Part I: Preliminary Screening & Request Type

<p>Before submitting this request, you must review the most current Natural Diversity Data Base "State and Federal Listed Species and Significant Natural Communities Maps" found on the DEEP website. These maps are updated twice a year, usually in June and December.</p> <p>Does your site, including all affected areas, fall in an NDDB Area according to the map instructions: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Enter the date of the map reviewed for pre-screening: <u>09/06/2019</u></p>	
<p>This form is being submitted for a :</p>	
<input checked="" type="checkbox"/> <i>New NDDDB request</i> <input type="checkbox"/> <i>Renewal/Extension of a NDDDB Request, without modifications and within two years of issued NDDDB determination (no attachments required)</i> <small>[CPPU Use Only - NDDDB-Listed Species Determination # 1736]</small>	<input type="checkbox"/> <i>New Safe Harbor Determination (optional) must be associated with an application for a GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities</i> <input type="checkbox"/> <i>Renewal/Extension of an existing Safe Harbor Determination</i> <input type="checkbox"/> <i>With modifications</i> <input type="checkbox"/> <i>Without modifications (no attachments required)</i> <small>[CPPU Use Only - NDDDB-Safe Harbor Determination # 1736]</small>
<p>Enter NDDDB Determination Number for Renewal/Extension:</p>	<p>Enter Safe Harbor Determination Number for Renewal/Extension:</p>

Part II: Requester Information

*If the requester is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the name shall be stated **exactly** as it is registered with the Secretary of State. Please note, for those entities registered with the Secretary of State, the registered name will be the name used by DEEP. This information can be accessed at the Secretary of the State's database CONCORD. (www.concord-sots.ct.gov/CONCORD/index.jsp)*

If the requester is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

If there are any changes or corrections to your company/facility or individual mailing or billing address or contact information, please complete and submit the [Request to Change company/Individual Information](#) to the address indicated on the form.

1. Requester*

Company Name: BL Companies

Contact Name: Donald Smith

Address: 355 Research Parkway

City/Town: Meriden

State: CT

Zip Code: 06450

Business Phone: 203-608-2402

ext.

**E-mail: DSmith@BLCompanies.com

**By providing this email address you are agreeing to receive official correspondence from the department, at this electronic address, concerning this request. Please remember to check your security settings to be sure you can receive emails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes

a) Requester can best be described as:

Individual Federal Agency State agency Municipality Tribal

business entity (if a business entity complete i through iii):

i) Check type corporation limited liability company limited partnership

limited liability partnership statutory trust Other:

ii) Provide Secretary of the State Business ID #: _____ This information can be accessed at the Secretary of the State's database (CONCORD). (www.concord-sots.ct.gov/CONCORD/index.jsp)

iii) Check here if your business is **NOT** registered with the Secretary of State's office.

b) Acting as (Affiliation), pick one:

Property owner Consultant Engineer Facility owner Applicant

Biologist Pesticide Applicator Other representative:

2. List Primary Contact to receive Natural Diversity Data Base correspondence and inquiries, if different from requester.

Company Name:

Contact Person:

Title:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

**E-mail:

Part III: Site Information

This request can only be completed for one site. A separate request must be filed for each additional site.

<p>1. SITE NAME AND LOCATION</p> <p>Site Name or Project Name: Sasco Creek to Congress Substation</p> <p>Town(s): Fairfield and Brideport</p> <p>Street Address or Location Description: The coordinates for the approximate southwestern and northeastern ends of this linear project are N41.126608/W73.301790 and N41.184136/W73.185377, respectively. The project site is a linear corridor (i.e., an existing rail road), approximately 8.0 miles long and 50 feet wide on the north and south sides of the Metro North rail way.</p> <p>Size in acres, or site dimensions: Please refer to above description.</p> <p>Latitude and longitude of the center of the site in decimal degrees (e.g., 41.23456 -71.68574):</p> <p>Latitude: _____ Longitude: _____</p> <p>Method of coordinate determination (check one):</p> <p><input type="checkbox"/> GPS <input type="checkbox"/> Photo interpolation using CTECO map viewer <input checked="" type="checkbox"/> Other (specify): CAD/GIS Files</p> <p>2a. Describe the current land use and land cover of the site.</p> <p>The field investigations were conducted within the area of the Metro North rail way Right-of-Way, a transportation corridor constructed over 100-years ago and in constant use since then. As such, this historic land use and both past and present anthropogenic actions have affected the ecology of areas within the railroad right-of-way.</p> <p>b. Check all that apply and enter the size in acres or % of area in the space after each checked category.</p> <table><tr><td><input type="checkbox"/> Industrial/Commercial _____</td><td><input type="checkbox"/> Residential _____</td><td><input type="checkbox"/> Forest _____</td></tr><tr><td><input checked="" type="checkbox"/> Wetland <u>5</u></td><td><input type="checkbox"/> Field/grassland _____</td><td><input type="checkbox"/> Agricultural _____</td></tr><tr><td><input checked="" type="checkbox"/> Water <u>5</u></td><td><input checked="" type="checkbox"/> Utility Right-of-way <u>90</u></td><td></td></tr><tr><td><input type="checkbox"/> Transportation Right-of-way _____</td><td><input type="checkbox"/> Other (specify): _____</td><td></td></tr></table>	<input type="checkbox"/> Industrial/Commercial _____	<input type="checkbox"/> Residential _____	<input type="checkbox"/> Forest _____	<input checked="" type="checkbox"/> Wetland <u>5</u>	<input type="checkbox"/> Field/grassland _____	<input type="checkbox"/> Agricultural _____	<input checked="" type="checkbox"/> Water <u>5</u>	<input checked="" type="checkbox"/> Utility Right-of-way <u>90</u>		<input type="checkbox"/> Transportation Right-of-way _____	<input type="checkbox"/> Other (specify): _____	
<input type="checkbox"/> Industrial/Commercial _____	<input type="checkbox"/> Residential _____	<input type="checkbox"/> Forest _____										
<input checked="" type="checkbox"/> Wetland <u>5</u>	<input type="checkbox"/> Field/grassland _____	<input type="checkbox"/> Agricultural _____										
<input checked="" type="checkbox"/> Water <u>5</u>	<input checked="" type="checkbox"/> Utility Right-of-way <u>90</u>											
<input type="checkbox"/> Transportation Right-of-way _____	<input type="checkbox"/> Other (specify): _____											

Part IV: Project Information

<p>1. PROJECT TYPE:</p> <p>Choose Project Type: Choose Type From Dropdown List , If other describe: _____</p>
<p>2. Is the subject activity limited to the maintenance, repair, or improvement of an existing structure within the existing footprint? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain.</p>

Part IV: Project Information (continued)

3. Give a detailed description of the activity which is the subject of this request and describe the methods and equipment that will be used. Include a description of steps that will be taken to minimize impacts to any known listed species.

The client is investigating upgrades to existing electric transmission lines and poles located within the CTDOT railroad right-of-way. These upgrades may involve the installation of multiple new transmission towers within or near the existing CTDOT railroad right-of-way between Fairfield and Bridgeport, CT. Anticipated construction equipment includes but is not limited to cranes, bucket trucks, pulling mechanisms for new wire, excavators, loaders, and construction support vehicles. Wetland resources will be field delineated and avoided to the extent practicable. Further avoidance and mitigation strategies will be developed as conceptual plans progress.

4. If this is a renewal or extension of an existing Safe Harbor request *with* modifications, explain what about the project has changed.

5. Provide a contact for questions about the project details if different from Part II primary contact.

Name:

Phone:

E-mail:

Part V: Request Requirements and Associated Application Types

Check *one* box from either Group 1, Group 2 *or* Group 3, indicating the appropriate category for this request.

Group 1. If you check one of these boxes, complete Parts I – VII of this form and submit the required attachments A and B.

- Preliminary screening was negative but an NDDB review is still requested
- Request regards a municipally regulated or unregulated activity (no state permit/certificate needed)
- Request regards a preliminary site assessment or project feasibility study
- Request relates to land acquisition or protection
- Request is associated with a *renewal* of an existing permit or authorization, with no modifications

Group 2. If you check one of these boxes, complete Parts I – VII of this form and submit required attachments A, B, and C.

- Request is associated with a *new* state or federal permit or authorization application or registration
- Request is associated with modification of an existing permit or other authorization
- Request is associated with a permit enforcement action
- Request regards site management or planning, requiring detailed species recommendations
- Request regards a state funded project, state agency activity, or CEPA request

Group 3. If you are requesting a **Safe Harbor Determination**, complete Parts I-VII and submit required attachments A, B, and D. Safe Harbor determinations can only be requested if you are applying for a GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

If you are filing this request as part of a state or federal permit application(s) enter the application information below.

Permitting Agency and Application Name(s): _____

Related State DEEP Permit Number(s), if applicable: _____

State DEEP Enforcement Action Number, if applicable: _____

State DEEP Permit Analyst(s)/Engineer(s), if known: _____

Is this request related to a previously submitted NDDB request? Yes No

If yes, provide the previous NDDB Determination Number(s), if known: _____

Part VI: Supporting Documents

Check each attachment submitted as verification that *all* applicable attachments have been supplied with this request form. Label each attachment as indicated in this part (e.g., Attachment A, etc.) and be sure to include the requester's name, site name and the date. **Please note that Attachments A and B are required for all new requests and Safe Harbor renewals/extensions with modifications.** Renewals/Extensions with no modifications do not need to submit any attachments. Attachments C and D are supplied at the end of this form.

<input checked="" type="checkbox"/> Attachment A:	Overview Map: an 8 1/2" X 11" print/copy of the relevant portion of a USGS Topographic Quadrangle Map clearly indicating the exact location of the site.
<input checked="" type="checkbox"/> Attachment B:	Detailed Site Map: fine scaled map showing site boundary and area of work details on aerial imagery with relevant landmarks labeled. (Site and work boundaries in GIS [ESRI ArcView shapefile, in NAD83, State Plane, feet] format can be substituted for detailed maps, see instruction document)
<input checked="" type="checkbox"/> Attachment C:	Supplemental Information, Group 2 requirement (attached, DEEP-APP-007C) <input checked="" type="checkbox"/> Section i: Supplemental Site Information and supporting documents <input checked="" type="checkbox"/> Section ii: Supplemental Project Information and supporting documents
<input type="checkbox"/> Attachment D:	Safe Harbor Report Requirements, Group 3 (attached, DEEP-APP-007D)

Part VII: Requester Certification

The requester *and* the individual(s) responsible for actually preparing the request must sign this part. A request will be considered incomplete unless all required signatures are provided.

<p>"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief."</p>	
<hr/> Signature of Requester (a typed name will substitute for a handwritten signature)	<hr/> 09/06/2019 Date
<hr/> Donald Smith Name of Requester (print or type)	<hr/> Senior Project Manager Title (if applicable)
<hr/> Signature of Preparer (if different than above)	<hr/> 09/06/2019 Date
<hr/> Daniel J. King Name of Preparer (print or type)	<hr/> Senior Project Scientist Title (if applicable)

Note: Please submit the completed Request Form and all Supporting Documents to:

CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Or email request to: deep.nddbrequest@ct.gov

Attachment C: Supplemental Information, Group 2 requirement

Section i: Supplemental Site Information

1. Existing Conditions

Describe all natural and man-made features including wetlands, watercourses, fish and wildlife habitat, floodplains and any existing structures potentially affected by the subject activity. Such features should be depicted and labeled on the site plan that must be submitted. Photographs of current site conditions may be helpful to reviewers.

- Site Photographs (optional) attached**
- Site Plan/sketch of existing conditions attached**

2. Biological Surveys

Has a biologist visited the site and conducted a biological survey to determine the presence of any endangered, threatened or special concern species Yes No

If yes, complete the following questions and submit any reports of biological surveys, documentation of the biologist's qualifications, and any NDDB survey forms.

Biologist(s) name: _____

Habitat and/or species targeted by survey: _____

Dates when surveys were conducted: _____

- Reports of biological surveys attached**
- Documentation of biologist's qualifications attached**
- [NDDB Survey forms](#) for any listed species observations attached**

Section ii: Supplemental Project Information

1. Provide a schedule for all phases of the project including the year, the month and/or season that the proposed activity will be initiated and the duration of the activity.

2. Describe and quantify the proposed changes to existing conditions and describe any on-site or off-site impacts. In addition, provide an annotated site plan detailing the areas of impact and proposed changes to existing conditions.

- Annotated Site Plan attached**

Attachment D: Safe Harbor Report Requirements




Submit a report, as Attachment D, that synthesizes and analyzes the information listed below. Those providing synthesis and analysis need appropriate qualifications and experience. A request for a safe harbor determination shall include:

- 1. Habitat Description and Map(s), including GIS mapping overlays, of a scale appropriate for the site, identifying:**
 - wetlands, including wetland cover types;
 - plant community types;
 - topography;
 - soils;
 - bedrock geology;
 - floodplains, if any;
 - land use history; and
 - water quality classifications/criteria.
- 2. Photographs** - The report should include photographs of the site taken from the ground and also all reasonably available aerial or satellite photographs and an analysis of such photographs.
- 3. Inspection** - A visual inspection(s) of the site should be conducted, preferably when the ground is visible, and described in the report. This inspection can be helpful in confirming or further evaluating the items noted above.
- 4. Biological Surveys** - The report should include all biological surveys of the site where construction activity will take place that are reasonably available to a registrant. A registrant shall notify the Department's Wildlife Division of biological studies of the site where construction activity will take place that a registrant is aware of but are not reasonably available to the registrant.
- 5. Based on items #1 through 4 above, the report shall include a Natural Resources Inventory of the site of the construction activity.** This inventory should also include a review of reasonably available scientific literature and any recommendations for minimizing adverse impacts from the proposed construction activity on listed species or their associated habitat.
- 6. In addition, to the extent the following is available at the time a safe harbor determination is requested, a request for a safe harbor determination shall include and assess:**
 - Information on Site Disturbance Estimates/Site Alteration information
 - Vehicular Use
 - Construction Activity Phasing Schedules, if any; and
 - Alteration of Drainage Patterns

Natural Diversity Data Base Areas

FAIRFIELD, CT

June 2019

-  State and Federal Listed Species
-  Critical Habitat
-  Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Critical Habitats. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a variety of data sources. Exact locations of species have been buffered to produce the generalized locations.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas if the project is within a hatched area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

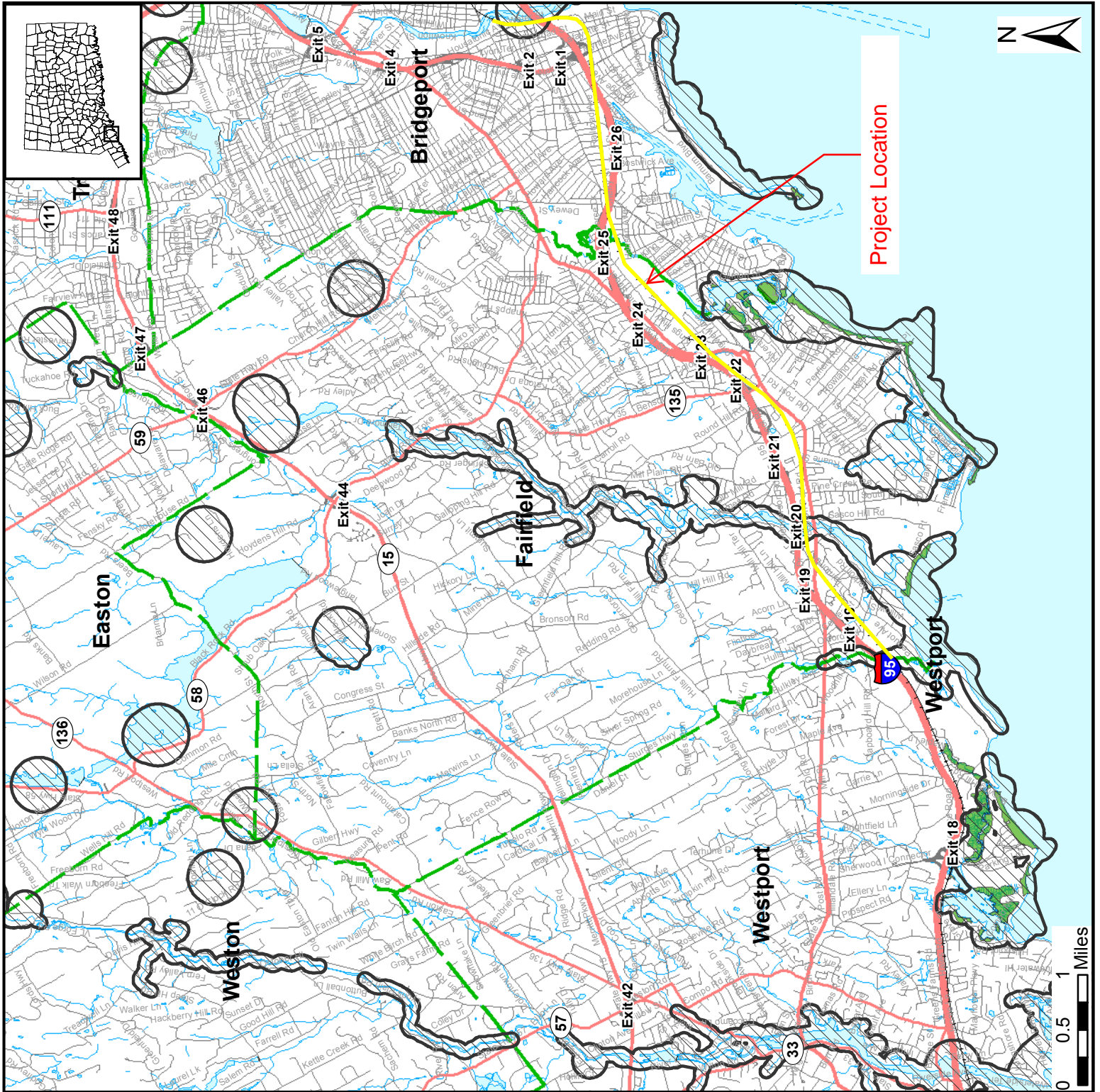
www.ct.gov/deep/nddbrequest

Use the CTECO Interactive Map Viewers at www.cteco.uconn.edu to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St, Hartford, CT 06106
email: deep.nddbrequest@ct.gov
Phone: (860) 424-3011



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division



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A.2.2: NDDB Determination Letters

September 18, 2019

Donald Smith
BL Companies
355 Research Parkway
Meriden, CT 06450
dsmith@blcompanies.com

Project: Preliminary Assessment for Electric Transmission Line Upgrades between Sasco Creek in Fairfield to Congress Substation in Bridgeport, CT
NDDDB Preliminary Assessment No.: 201910756

Dear Mr. Smith,

I have reviewed Natural Diversity Database maps and files regarding the area delineated on the map provided for a preliminary assessment of electric transmission line upgrades within the CTDOT railroad right-of-way between Sasco Creek in Fairfield to Congress Street Substation in Bridgeport, Connecticut. According to our records there are known extant populations of State Threatened Peregrine falcon (*Falco peregrinus*) and State Special Concern Blueback herring (*Alosa aestivalis*) that occur within the boundaries of this project.

A pair of Peregrine falcons (*Falco peregrinus*) are known to nest on the I-95 bridge over the Pequonnock River in Bridgeport. Work in this area will be restricted to the non-nesting season, generally August through March.

There are records of Blueback herring (*Alosa aestivalis*) in the Mill River in Fairfield. If any in-water work is planned you may need to consult with a Fisheries Biologist. DEEP Fisheries Biologists are routinely involved in pre-application consultations with regulatory staff and applicants in order to identify potential fisheries issues and work with applicants to mitigate negative effects, including to endangered species. If you have not already talked with a Fisheries Biologist about your project, you may contact the Permit Analyst assigned to process your application for further information, including the contact information for the Fisheries Biologist assigned to review your application.

Please be advised that this is a preliminary review and not a final determination. A more detailed review will be necessary to move forward with any environmental permit applications submitted to DEEP for the proposed project. **This preliminary assessment letter cannot be used or submitted with permit applications at DEEP.** This letter is valid for one year.

To prevent impacts to State-listed species, field surveys of the site should be performed by a qualified biologist with the appropriate scientific collecting permits at a time when these target species are identifiable. A report summarizing the results of such surveys should include:

1. Survey date(s) and duration
2. Site descriptions and photographs
3. List of component vascular plant and animal species within the survey area (including scientific binomials)

4. Data regarding population numbers and/or area occupied by State-listed species
5. Detailed maps of the area surveyed including the survey route and locations of State listed species
6. Conservation strategies or protection plans that indicate how impacts may be avoided for all state listed species present on the site
7. Statement/résumé indicating the biologist's qualifications. Please be sure when you hire a consulting qualified biologist to help conduct this site survey that they have the proper experience with target taxon and have a CT scientific collectors permit to work with state listed species for this specific project.

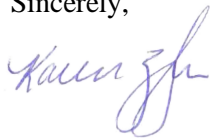
The site surveys report should be sent to our CT DEEP-NDDDB Program (deep.nddbrequest@ct.gov) for further review by our program biologists along with an updated request for another NDDDB review. Incomplete reports may not be accepted.

If you do not intend to do site surveys to determine the presence or absence of state-listed species, then you should presume species are present and let us know how you will protect the state-listed species from being impacted by this project. You may submit these best management practices or protection plans with your new request for an NDDDB review. After reviewing your new NDDDB request form and the documents describing how you will protect this species from project impacts we will make a final determination and provide you with a letter from our program to use with DEEP-Permits.

Natural Diversity Database information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey, cooperating units of DEEP, landowners, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the NDDDB should not be substitutes for onsite surveys necessary for a thorough environmental impact assessment. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at (860) 424-3378, or karen.zyko@ct.gov . Thank you for consulting the Natural Diversity Data Base.

Sincerely,



Karen Zyko
Environmental Analyst

BUGATTI, FLORENCIA

From: Hess, Brian <Brian.Hess@ct.gov>
Sent: Friday, January 27, 2023 10:43 AM
To: CORRENE AUER
Cc: Blum, Robin; TODD BERMAN; BUGATTI, FLORENCIA; Ellis, Meredith
Subject: RE: United Illuminating Fairfield to Congress Project Peregrine Falcon Due Diligence

EXTERNAL SENDER: Be cautious, especially with links and attachments. Report phishing if suspicious.

Hi Correne,

Thanks so much for this thoughtful planning. I concur with your analysis that the construction will fall either outside of the line of site for the nest or outside of the 660 foot buffer. That, coupled with the high level of daily disturbance that this nesting pair already experiences, indicates that your activity is unlikely to have an impact on the nesting peregrines even within the time of year restriction from the NDDB letter.

Thanks,
Brian

Brian Hess
CT DEEP – Wildlife Division
860-876-9259 (call or text)

From: CORRENE AUER <cauer@uinet.com>
Sent: Thursday, January 26, 2023 2:44 PM
To: Hess, Brian <Brian.Hess@ct.gov>
Cc: TODD BERMAN <todd.berman@uinet.com>; BUGATTI, FLORENCIA <fbugatti@uinet.com>; Ellis, Meredith <MEllis@LaBellaPC.com>
Subject: United Illuminating Fairfield to Congress Project Peregrine Falcon Due Diligence

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Good afternoon Brian,

LaBella Associates, on behalf of The United Illuminating Company (UI), reached out to CT DEEP NDDB in January 2022 for a listed species review update associated with the Fairfield to Congress Transmission Line Rebuild Project (Project). We received a response (NDDB determination number 202200482) on January 28, 2022. One of the species listed in the NDDB response was the peregrine falcon, which nests on the I-95 bridge over the Pequonnock River in Bridgeport. The NDDB letter recommends to not conduct work between April and July within 330 feet of active nests that are out of line of sight, or within 660 feet within the line of sight of a nest.

As Project plans progressed and UI continued to review the proposed activities associated with the Project, within the vicinity of the peregrine falcon nest, LaBella reached out to you via email on July 1, 2022 to obtain the coordinates of the nesting box on the I-95 bridge. Your response on July 5, 2022 provided the approximate coordinates of the nesting box, and LaBella reached out to you via email again on October 21, 2022 to further coordinate. In that correspondence, UI proposed using the approximate lat/long provided for the nest box location to look at activities within 330 feet and 660 feet of the nest, depending on the line of sight. Your response on

October 24, 2022 indicated this approach would be appropriate and that your recollection is that the nest box is mounted to the east-facing portion of a bridge pillar and that the nest is visible from the eastern side of the river.

UI performed a preliminary desktop review by plotting the coordinates of the nest box, the applicable buffers and the locations of project activities on a GIS map (see attached mapping). UI conducted a field review of the area on November 2, 2022 to determine if any Project activities will be located within the line of sight of the nest box. Binoculars were used to locate the nest box on the bridge pillar at the location provided by you. A sighting scope (electronic distance meter) was used to measure distances to the nest box at accessible locations. Based on the desktop and field review, it has been determined that:

- An existing lattice structure and bonnets will be removed on the west bank of the Pequonnock River within 660 feet of the nest; however, this tower and the bonnets are out of the line of sight of the nest.
- A barge may be utilized to assist in the removal of the existing structures. If needed, it appears that it would likely be stationed outside of the line of sight and outside 330 feet of the nest location, though the barge may need to pass under the bridge within line of sight of the nest and within 330 feet of the nest. If a barge is utilized, it will simply pass through the area similar to other usual boat activity on the Pequonnock River in the vicinity of the nest.
- The Project entails restringing conductor wire along the newly placed monopoles on the western bank of the Pequonnock. This work will be within 660 feet of the nest (outside of 330 feet), and is not within the line of site. Some trucks and/or cranes may need to be staged on the I-95 bridge for restringing the wires, though this will be on top of the bridge where there is existing heavy traffic from the interstate.
- A new monopole will be constructed to the south of the I-95 bridge, within the 660 foot radius buffer but outside of the line of sight of the nest.
- A new monopole will be constructed to the north of the I-95 bridge and the State Route 130 bridge, with work activities potentially within line of sight of the nest but outside of the 660 foot radius.

It appears that the Project does not pose any potential impacts to the nesting peregrine falcon and would not be subject to time of year restrictions (April through July). Please let us know if you have any concerns or questions regarding our method or findings. In addition concurrence with our conclusion above would be greatly appreciated.

Thanks again for your assistance,
Correne



Correne Auer, PE
Environmental Permitting & Compliance Specialist
100 Marsh Hill Road, Orange, CT 06477
Mobile 860.558.6947
cauer@uinet.com



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PLAN	SURVEYED	BY	DATE
NOTEBOOK NO.	REVIEWED ROW, CHKD		

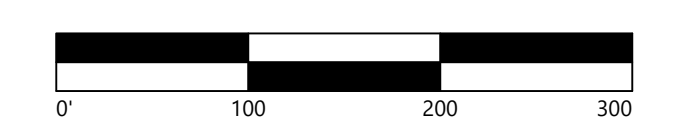
Westwood Surveying & Engineering
 1684 South Road Street, Suite #120
 Landale, PA 19446
 Phone: (953) 937-5150
 Fax: (953) 937-5822
 Toll Free: (888) 937-5150
 www.wse.com
 Westwood Surveying and Engineering, P.C.

PROFILE	SURVEYED	BY	DATE
NOTEBOOK NO.	REVIEWED NOTES REDUCED		



LEGEND

- PROPOSED TRANSMISSION POLE
- PROPOSED TRANSMISSION CENTER LINE
- PROPOSED ACCESS ROAD
- PROPOSED WORK/PULLING CONSTRUCTION AREA
- EXISTING STEEL POLE TO BE REMOVED
- EXISTING LATTICE TOWER TO BE REMOVED
- EXISTING BONNET TO BE REMOVED
- 330' NEST BUFFER
- 660' NEST BUFFER
- PEREGRINE FALCON NEST
- APPROXIMATE SIGHT LINE



UNDERBUILD CONDUCTOR TYPE	NEUTRAL CONDUCTOR TYPE	OPGW TYPE	CONDUCTOR TYPE
TENSION	TENSION	TENSION	TENSION
DESIGN TEMP.	DESIGN TEMP.	DESIGN TEMP.	DESIGN TEMP.

YR. CONST.	W/O			
NOTES: 1. PRELIMINARY, NOT FOR CONSTRUCTION				
REV.	DATE	BY	DESCRIPTION	APP.

PE Stamp

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DR.	DATE	BY	DESCRIPTION	APP.
CK.				
APP.				



UI 115 KV PROJECT FAIRFIELD TO CONGRESS PROJECT ACTIVITIES NEAR PEREGRINE FALCON NEST EXHIBIT			
SCALE	AS SHOWN	FILE:	
NO.			REV.

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A.2.3: CT DEEP Bureau of Fisheries and DA/BA

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BUGATTI, FLORENCIA

From: Carey, David H <David.Carey@ct.gov>
Sent: Friday, February 3, 2023 3:23 PM
To: BUGATTI, FLORENCIA
Cc: CORRENE AUER; TODD BERMAN
Subject: Re: United Illuminating Transmission Line Project Fairfield to Congress Substation

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Fortunately, I do not anticipate a problem as there are not oysters at the Ash creek site, however, please advise you contractor that south of the site is a prolific natural oyster bed which would be significantly impacted by resuspension of sediments, so the cribbing and confinement work is required especially June 1 through October 1st. The area in Bridgeport Harbor north I-95 will not have a significant impact either.

David H. Carey, Director
Connecticut Department of Agriculture
Bureau of Aquaculture

Office: 203-874-0696 ext 103
Fax: 203-783-9976

David.Carey@ct.gov
[Aquaculture Home Page \(ct.gov\)](#)



From: BUGATTI, FLORENCIA <fbugatti@uinet.com>
Sent: Friday, February 3, 2023 2:23 PM
To: Carey, David H <David.Carey@ct.gov>
Cc: CORRENE AUER <cauer@uinet.com>; TODD BERMAN <todd.berman@uinet.com>
Subject: RE: United Illuminating Transmission Line Project Fairfield to Congress Substation

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Hello David,

I hope all is well.

I wanted to follow up on the additional information I sent regarding UI's Transmission Line Project (below) and make sure that no other clarification is needed to determine the existence of shellfish beds and essential fish habitat in the vicinity of the I95-Pequonnock River crossing and in Ash Creek.

As mentioned before, your input will be greatly appreciated,

Sincerely,

Florencia.



Florencia M. Bugatti
Contractor to AVANGRID

Environmental Permitting & Compliance Specialist
100 Marsh Hill Road, Orange, CT 06477
Mobile 203.640.1710
fbugatti@uinet.com

Internal Use

From: BUGATTI, FLORENCIA

Sent: Friday, January 27, 2023 5:10 PM

To: Carey, David H <David.Carey@ct.gov>; Williams, Bruce <Bruce.Williams@ct.gov>

Cc: CORRENE AUER <cauer@uinet.com>; TODD BERMAN <todd.berman@uinet.com>; Ellis, Meredith <MEllis@LaBellaPC.com>

Subject: RE: United Illuminating Transmission Line Project Fairfield to Congress Substation

Hello David,

Thank you for your prompt response and follow up inquiry.

At the moment, the temporary impacts in Ash Creek are anticipated to be limited to the area between UI's Ash Creek Station off Poland Avenue, and the tower located in a small island within the creek (see PDF and photograph attached).

Once again, we appreciate your help – let me know if more details are needed.

Have a nice weekend,

Florencia.



Florencia M. Bugatti
Contractor to AVANGRID

Environmental Permitting & Compliance Specialist
100 Marsh Hill Road, Orange, CT 06477
Mobile 203.640.1710
fbugatti@uinet.com

Internal Use

From: Carey, David H <David.Carey@ct.gov>
Sent: Friday, January 27, 2023 9:57 AM
To: BUGATTI, FLORENCIA <fbugatti@uinet.com>; Williams, Bruce <Bruce.Williams@ct.gov>
Cc: CORRENE AUER <cauer@uinet.com>; TODD BERMAN <todd.berman@uinet.com>; Ellis, Meredith <MEllis@LaBellaPC.com>
Subject: Re: United Illuminating Transmission Line Project Fairfield to Congress Substation

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Specifically ASH creek north of Fairfield Avenue, I see line there?

David H. Carey, Director
Connecticut Department of Agriculture
Bureau of Aquaculture

Office: 203-874-0696 ext 103
Fax: 203-783-9976

David.Carey@ct.gov
[Aquaculture Home Page \(ct.gov\)](#)



From: BUGATTI, FLORENCIA <fbugatti@uinet.com>
Sent: Friday, January 27, 2023 9:20 AM
To: Williams, Bruce <Bruce.Williams@ct.gov>; Carey, David H <David.Carey@ct.gov>
Cc: CORRENE AUER <cauer@uinet.com>; TODD BERMAN <todd.berman@uinet.com>; Ellis, Meredith <MEllis@LaBellaPC.com>
Subject: United Illuminating Transmission Line Project Fairfield to Congress Substation

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Hello Bruce and David,

As you may be aware, the United Illuminating (UI) is currently in the planning and design phase of rebuilding approximately 7.3 miles of its existing 115kV lines from east of Sasco Creek in Fairfield to UI's Congress Street Substation in Bridgeport, CT. As part of the project, UI is also proposing to rebuild two 115kV lines along a 0.23-mile of UI's right-of-way that extends from the CTDOT corridor to UI's Ash Creek substation.

While specific construction means and methods are yet to be decided, we anticipate the potential use of a spud barge in the Pequonnock River (near the I95 bridge) to aid in the removal of existing structures on land, as well as

potentially utilizing temporary construction matting or a trestle on piers in the Ash Creek tidal mud flats. As the project design and planning moves forward and the temporary impacts are further defined, UI plans to secure a Land and Water Resource Division (LWRD) permit - which will be our official vehicle for agency coordination/consultation; however, at this time, we would like to inquire about the existence of essential fish habitat and shellfish beds (and associated time of year restrictions) at these two locations. To date, UI has consulted the following online resources NOAA Essential Fish Habitat mapper and c-ECO Aquaculture Mapping Atlas.

Your input regarding the existence of shellfish beds and essential fish habitat in the vicinity of the I95-Pequonnock River crossing and in Ash Creek will assist UI to further plan ahead and consider potential limitations. Please let us know if there is additional information we need to provide to you or if you deem necessary to set up a conference call to discuss this matter in more detail.

Thank you in advance,
Florenca



Florenca M. Bugatti
Contractor to AVANGRID

Environmental Permitting & Compliance Specialist
100 Marsh Hill Road, Orange, CT 06477
Mobile 203.640.1710
fbugatti@uinet.com

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BUGATTI, FLORENCIA

From: Williams, Bruce <Bruce.Williams@ct.gov>
Sent: Friday, January 27, 2023 11:38 AM
To: Carey, David H; BUGATTI, FLORENCIA
Cc: CORRENE AUER; TODD BERMAN; Ellis, Meredith
Subject: RE: United Illuminating Transmission Line Project Fairfield to Congress Substation

EXTERNAL SENDER: Be cautious, especially with links and attachments. Report phishing if suspicious.

Hi Florencia,

There is a DEEP owned fishway at the Bunnells Pond Dam on the Pequonnock River approximately 2 miles upstream from the project site. The fishway passes a number of diadromous (migratory) fish species including Alewife, American Eel, and Sea Lamprey. These runs typically begin in April and continue into late June. Alewife represent the majority of diadromous fish passed at this site, with over 80,000 passed since 2016.

To protect these resources the Fisheries Division makes the following recommendations for the Pequonnock River site:

1. All unconfined in-river work should be prohibited during the spring diadromous fish migration season from April 1 to June 30, inclusive. This restriction does not include the placement or removal of water control structures such as cofferdams.
2. All loud construction related activities such as jack hammering, drilling, and pile driving should be prohibited between sunset and sunrise from April 1 to June 30, inclusive. Loud construction activities are defined as those that exceed 90 decibels as measured at the water's surface at the point closest to the source of the noise.
3. Bright artificial lights may also interfere with diadromous fish migrations. Therefore, no bright construction lights should be directed on to the water's surface from sunset to sunrise during the period from April 1 to June 30, inclusive.
4. At least one half of the river channel should always be open for the free passage of fish and boats. If at any time there is a need to close the river to boat navigation, the UI should coordinate with the DEEP Boating Division on the closure period.

Ash Creek has no documented diadromous fish runs with the exception of American Eel. Therefore, the above listed recommendations do not apply at this location.

The Fisheries Division has not documented Winter Flounder spawning in either the Pequonnock River or Ash Creek and does not recommend any special conditions to protect them. But the NOAA EFH mapper may show the possible presence of Winter Flounder at both sites.

Thanks,

Bruce Williams

*Senior Fisheries Biologist
Diadromous Fish and Habitat Conservation and Enhancement Programs
Bureau of Natural Resources – Fisheries Division
Connecticut Department of Energy & Environmental Protection
Marine Headquarters – P.O. Box 719 / 333 Ferry Road
Old Lyme, CT 06371
p: 860.447.4317 | c: 860.876.9140 | e: bruce.williams@ct.gov*



From: Carey, David H <David.Carey@ct.gov>
Sent: Friday, January 27, 2023 9:57 AM
To: BUGATTI, FLORENCIA <fbugatti@uinet.com>; Williams, Bruce <Bruce.Williams@ct.gov>
Cc: CORRENE AUER <cauer@uinet.com>; TODD BERMAN <todd.berman@uinet.com>; Ellis, Meredith <MEllis@LaBellaPC.com>
Subject: Re: United Illuminating Transmission Line Project Fairfield to Congress Substation

Specifically ASH creek north of Fairfield Avenue, I see line there?

David H. Carey, Director
Connecticut Department of Agriculture
Bureau of Aquaculture

Office: 203-874-0696 ext 103
Fax: 203-783-9976

David.Carey@ct.gov
[Aquaculture Home Page \(ct.gov\)](http://portal.ct.gov/aquaculture)



From: BUGATTI, FLORENCIA <fbugatti@uinet.com>
Sent: Friday, January 27, 2023 9:20 AM
To: Williams, Bruce <Bruce.Williams@ct.gov>; Carey, David H <David.Carey@ct.gov>
Cc: CORRENE AUER <cauer@uinet.com>; TODD BERMAN <todd.berman@uinet.com>; Ellis, Meredith <MEllis@LaBellaPC.com>
Subject: United Illuminating Transmission Line Project Fairfield to Congress Substation

You don't often get email from fbugatti@uinet.com. [Learn why this is important](#)

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Hello Bruce and David,

As you may be aware, the United Illuminating (UI) is currently in the planning and design phase of rebuilding approximately 7.3 miles of its existing 115kV lines from east of Sasco Creek in Fairfield to UI's Congress Street Substation in Bridgeport, CT. As part of the project, UI is also proposing to rebuild two 115kV lines along a 0.23-mile of UI's right-of-way that extends from the CTDOT corridor to UI's Ash Creek substation.

While specific construction means and methods are yet to be decided, we anticipate the potential use of a spud barge in the Pequonnock River (near the I95 bridge) to aid in the removal of existing structures on land, as well as potentially utilizing temporary construction matting or a trestle on piers in the Ash Creek tidal mud flats. As the project design and planning moves forward and the temporary impacts are further defined, UI plans to secure a Land and Water Resource Division (LWRD) permit - which will be our official vehicle for agency coordination/consultation; however, at this time, we would like to inquire about the existence of essential fish habitat and shellfish beds (and associated time of year restrictions) at these two locations. To date, UI has consulted the following online resources NOAA Essential Fish Habitat mapper and c-ECO Aquaculture Mapping Atlas.

Your input regarding the existence of shellfish beds and essential fish habitat in the vicinity of the I95-Pequonnock River crossing and in Ash Creek will assist UI to further plan ahead and consider potential limitations. Please let us know if there is additional information we need to provide to you or if you deem necessary to set up a conference call to discuss this matter in more detail.

Thank you in advance,
Florenca



Florenca M. Bugatti
Contractor to AVANGRID

Environmental Permitting & Compliance Specialist
100 Marsh Hill Road, Orange, CT 06477
Mobile 203.640.1710
fbugatti@uinet.com

Internal Use

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BUGATTI, FLORENCIA

From: Williams, Bruce <Bruce.Williams@ct.gov>
Sent: Friday, October 14, 2022 2:35 PM
To: BUGATTI, FLORENCIA
Cc: CORRENE AUER; TODD BERMAN
Subject: RE: United Illuminating Upcoming Project - In Water Work

EXTERNAL SENDER: Be cautious, especially with links and attachments. Report phishing if suspicious.

Hi Florencia,

The Fisheries Division does not consider spudding barges to be in-water work and that activity is exempt from the time-of-year restriction. But those barges should be anchored in areas with sufficient water depth that they are not grounded during low tide. If that is not possible then the barges should be moved to deeper water during the ebbing tide before they become grounded.

Thanks,

*Bruce Williams
Fisheries Biologist
Diadromous Fish and Habitat Conservation and Enhancement Programs
Connecticut Department of Energy and Environmental Protection
Bureau of Natural Resources – Fisheries Division
Marine Headquarters - P.O. Box 719 / 333 Ferry Rd.
Old Lyme, CT 06371
P: 860.447.4317 / C: 860.876.9140 / F: 860.434.6150 / E: bruce.williams@ct.gov*



www.ct.gov/deep

***Conserving, improving and protecting our natural resources and environment;
Ensuring a clean, affordable, reliable, and sustainable energy supply***

From: BUGATTI, FLORENCIA <fbugatti@uinet.com>
Sent: Thursday, October 13, 2022 3:26 PM
To: Williams, Bruce <Bruce.Williams@ct.gov>
Cc: CORRENE AUER <cauer@uinet.com>; TODD BERMAN <todd.berman@uinet.com>
Subject: United Illuminating Upcoming Project - In Water Work

You don't often get email from fbugatti@uinet.com. [Learn why this is important](#)

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Good afternoon,

The United Illuminating is currently working on a transmission line rebuild project located in Bridgeport and Fairfield, Connecticut. We are currently in the early planning stages and specific means and methods are yet to be determined; however, we are analyzing an option for a section of the project that constitutes the deployment of a spud barge in a river to remove a structure on land.

We are aware of the time of year (TOY) restriction for fish migration to conduct work in the river. In an effort to plan a sequence for construction, and considering permitting needs as well, we would like to confirm whether the installation and removal of the barge spuds being set on the river bottom constitutes "in water work" subjected to TOY restrictions.

Your response will be greatly appreciated and will assist our planning efforts.

Thank you,



Florencia M. Bugatti
Contractor to AVANGRID

Environmental Permitting & Compliance Specialist
100 Marsh Hill Road, Orange, CT 06477
Mobile 203.640.1710
fbugatti@uinet.com

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A.3: U.S. Fish and Wildlife Service (USFWS) Consultation

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United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104

In Reply Refer To:
Project Code: 2022-0019924
Project Name: Fairfield to Congress Rebuild

December 08, 2022

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:

Please review this letter each time you request an Official Species List, we will continue to update it with additional information and links to websites may change.

About Official Species Lists

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. Federal and non-Federal project proponents have responsibilities under the Act to consider effects on listed species.

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 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. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested by returning to an existing project's page in IPaC.

Endangered Species Act Project Review

Please visit the “**New England Field Office Endangered Species Project Review and Consultation**” website for step-by-step instructions on how to consider effects on listed

species and prepare and submit a project review package if necessary:

<https://www.fws.gov/office/new-england-ecological-services/endangered-species-project-review>

NOTE Please do not use the **Consultation Package Builder** tool in IPaC except in specific situations following coordination with our office. Please follow the project review guidance on our website instead and reference your **Project Code** in all correspondence.

Northern Long-eared Bat Update - Additionally, please note that on March 23, 2022, the Service published a proposal to reclassify the northern long-eared bat (NLEB) as endangered under the Endangered Species Act. The U.S. District Court for the District of Columbia has ordered the Service to complete a new final listing determination for the NLEB by November 2022 (Case 1:15-cv-00477, March 1, 2021). The bat, currently listed as threatened, faces extinction due to the range-wide impacts of white-nose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across the continent. The proposed reclassification, if finalized, would remove the current 4(d) rule for the NLEB, as these rules may be applied only to threatened species. Depending on the type of effects a project has on NLEB, the change in the species' status may trigger the need to re-initiate consultation for any actions that are not completed and for which the Federal action agency retains discretion once the new listing determination becomes effective (anticipated to occur by December 30, 2022). If your project may result in incidental take of NLEB after the new listing goes into effect this will first need to be addressed in an updated consultation that includes an Incidental Take Statement. If your project may require re-initiation of consultation, please contact our office for additional guidance.

Additional Info About Section 7 of the Act

Under section 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to determine whether projects may affect threatened and endangered species and/or designated critical habitat. If a Federal agency, or its non-Federal representative, determines 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 Federal agency also may need to consider proposed species and proposed critical habitat in the consultation. 50 CFR 402.14(c)(1) specifies the information required for consultation under the Act regardless of the format of the evaluation. 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/service/section-7-consultations>

In addition to consultation requirements under Section 7(a)(2) of the ESA, please note that under sections 7(a)(1) 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. Please contact NEFO if you would like more information.

Candidate species that appear on the enclosed species list have no current protections under the

ESA. The species' occurrence on an official species list does not convey a requirement to consider impacts to this species as you would a proposed, threatened, or endangered species. The ESA does not provide for interagency consultations on candidate species under section 7, however, the Service recommends that all project proponents incorporate measures into projects to benefit candidate species and their habitats wherever possible.

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, intentional or unintentional, 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>

<https://www.fws.gov/library/collections/bald-and-golden-eagle-management>

Please feel free to contact us at **newengland@fws.gov** with your **Project Code** in the subject line if you need more information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat.

Attachment(s): Official Species List

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 England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Project Summary

Project Code: 2022-0019924

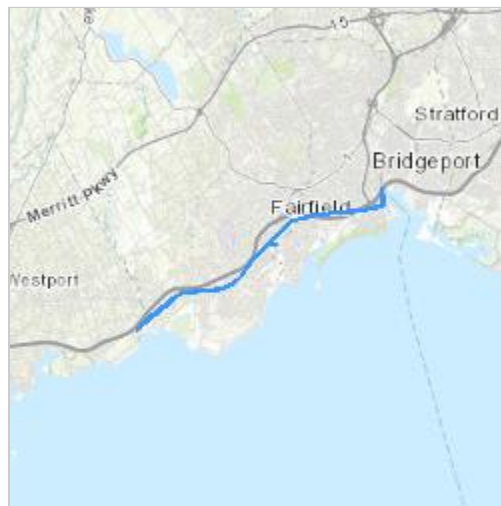
Project Name: Fairfield to Congress Rebuild

Project Type: Transmission Line - New Constr - Above Ground

Project Description: UI is investigating upgrades to existing electric transmission lines and poles located within the CT DOT railroad ROW. These upgrades involve the installation of new monopole structures within or near the existing CT DOT railroad ROW between Fairfield and Bridgeport, CT.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.152500700000004,-73.2456563832737,14z>



Counties: Fairfield County, Connecticut

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 Fisheries¹, 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: https://ecos.fws.gov/ecp/species/9045	Endangered

Birds

NAME	STATUS
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Roseate Tern <i>Sterna dougallii dougallii</i> Population: Northeast U.S. nesting population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083	Endangered

Insects

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

Critical habitats

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

IPaC User Contact Information

Agency: LaBella Associates
Name: Meredith Ellis
Address: LaBella Associates
Address Line 2: 4 British American Boulevard
City: Latham
State: NY
Zip: 12110
Email: mellis@labellapc.com
Phone: 5189038386



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104

In Reply Refer To:
Project Code: 2022-0019924
Project Name: Fairfield to Congress Rebuild

August 23, 2022

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:

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<https://www.fws.gov/program/migratory-bird-permit>

<https://www.fws.gov/library/collections/bald-and-golden-eagle-management>

Please feel free to contact us at **newengland@fws.gov** with your **Project Code** in the subject line if you need more information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat.

Attachment(s): Official Species List

Attachment(s):

- Official Species List
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Official Species List

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Concord, NH 03301-5094

(603) 223-2541

Project Summary

Project Code: 2022-0019924

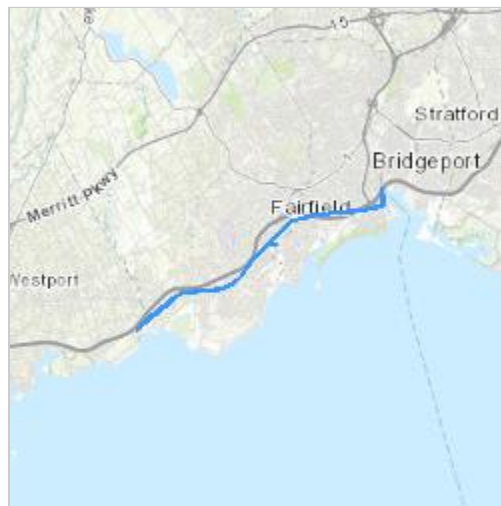
Project Name: Fairfield to Congress Rebuild

Project Type: Transmission Line - New Constr - Above Ground

Project Description: UI is investigating upgrades to existing electric transmission lines and poles located within the CT DOT railroad ROW. These upgrades involve the installation of new monopole structures within or near the existing CT DOT railroad ROW between Fairfield and Bridgeport, CT.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.152500700000004,-73.2456563832737,14z>



Counties: Fairfield County, Connecticut

Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list.

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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: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Roseate Tern <i>Sterna dougallii dougallii</i> Population: Northeast U.S. nesting population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083	Endangered

Insects

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

Critical habitats

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

IPaC User Contact Information

Agency: LaBella Associates
Name: Meredith Ellis
Address: LaBella Associates
Address Line 2: 4 British American Boulevard
City: Latham
State: NY
Zip: 12110
Email: mellis@labellapc.com
Phone: 5189038386



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>

In Reply Refer To:
Project Code: 2022-0019924
Project Name: Fairfield to Congress Rebuild

March 15, 2022

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:

Please review this letter each time you request an Official Species List, we will continue to update it with additional information and links to websites may change.

About Official Species Lists

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. Federal and non-Federal project proponents have responsibilities under the Act to consider effects on listed species.

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 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. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested by returning to an existing project's page in IPaC.

Endangered Species Act Project Review

Please visit the “**New England Field Office Endangered Species Project Review and Consultation**” website for step-by-step instructions on how to consider effects on listed

species and prepare and submit a project review package if necessary:

<https://www.fws.gov/newengland/endangeredspecies/project-review/index.html>

NOTE Please do not use the **Consultation Package Builder** tool in IPaC except in specific situations following coordination with our office. Please follow the project review guidance on our website instead and reference your **Project Code** in all correspondence.

Additional Info About Section 7 of the Act

Under section 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to determine whether projects may affect threatened and endangered species and/or designated critical habitat. If a Federal agency, or its non-Federal representative, determines 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 Federal agency also may need to consider proposed species and proposed critical habitat in the consultation. 50 CFR 402.14(c)(1) specifies the information required for consultation under the Act regardless of the format of the evaluation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

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

In addition to consultation requirements under Section 7(a)(2) of the ESA, please note that under sections 7(a)(1) 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. Please contact NEFO if you would like more information.

Candidate species that appear on the enclosed species list have no current protections under the ESA. The species' occurrence on an official species list does not convey a requirement to consider impacts to this species as you would a proposed, threatened, or endangered species. The ESA does not provide for interagency consultations on candidate species under section 7, however, the Service recommends that all project proponents incorporate measures into projects to benefit candidate species and their habitats wherever possible.

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, intentional or unintentional, 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/birds/policies-and-regulations.php>

Please feel free to contact us at **newengland@fws.gov** with your **Project Code** in the subject line if you need more information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat.

Attachment(s): Official Species List

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 England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Project Summary

Project Code: 2022-0019924

Event Code: None

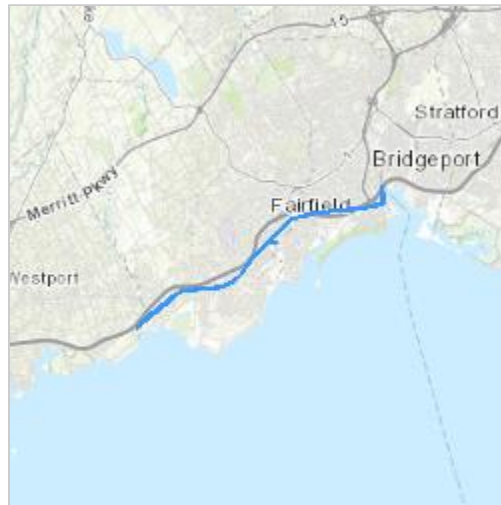
Project Name: Fairfield to Congress Rebuild

Project Type: Transmission Line - New Constr - Above Ground

Project Description: UI is investigating upgrades to existing electric transmission lines and poles located within the CT DOT railroad ROW. These upgrades involve the installation of new monopole structures within or near the existing CT DOT railroad ROW between Fairfield and Bridgeport, CT.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.152500700000004,-73.2456563832737,14z>



Counties: Fairfield County, Connecticut

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 Fisheries¹, 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: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Roseate Tern <i>Sterna dougallii dougallii</i> Population: Northeast U.S. nesting population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083	Endangered

Insects

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

Critical habitats

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

IPaC User Contact Information

Agency: LaBella Associates
Name: Meredith Ellis
Address: LaBella Associates
Address Line 2: 4 British American Boulevard
City: Latham
State: NY
Zip: 12110
Email: mellis@labellapc.com
Phone: 5189038386



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>

In Reply Refer To:

September 15, 2021

Consultation Code: 05E1NE00-2021-SLI-2550

Event Code: 05E1NE00-2021-E-14626

Project Name: Fairfield to Congress

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

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

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

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

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

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

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at:

<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>;

<http://www.towerkill.com>; and

<http://>

www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

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

Attachment(s):

- Official Species List
-

Official Species List

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

This species list is provided by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Project Summary

Consultation Code: 05E1NE00-2021-SLI-2550

Event Code: Some(05E1NE00-2021-E-14626)

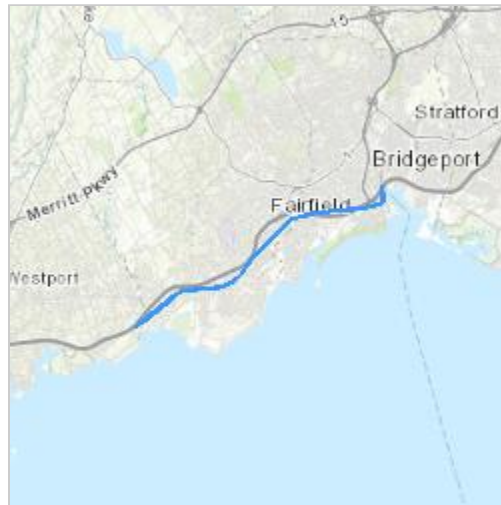
Project Name: Fairfield to Congress

Project Type: TRANSMISSION LINE

Project Description: The client is investigating upgrades to existing electric transmission lines and poles located within the CT DOT railroad ROW. These upgrades involve the installation of new monopole structures within or near the existing CT DOT railroad ROW between Fairfield and Bridgeport, CT.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.152500700000004,-73.2456563832737,14z>



Counties: Fairfield County, Connecticut

Endangered Species Act Species

There is a total of 3 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 Fisheries¹, 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: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Red Knot <i>Calidris canutus rufa</i> There is proposed critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened

Insects

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

Critical habitats

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



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>

In Reply Refer To:

April 20, 2021

Consultation Code: 05E1NE00-2021-SLI-2550

Event Code: 05E1NE00-2021-E-07933

Project Name: Fairfield to Congress

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 ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

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

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

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

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

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at:

<http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>;

<http://www.towerkill.com>; and

<http://>

www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

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

Attachment(s):

- Official Species List
-

Official Species List

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

This species list is provided by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Project Summary

Consultation Code: 05E1NE00-2021-SLI-2550

Event Code: 05E1NE00-2021-E-07933

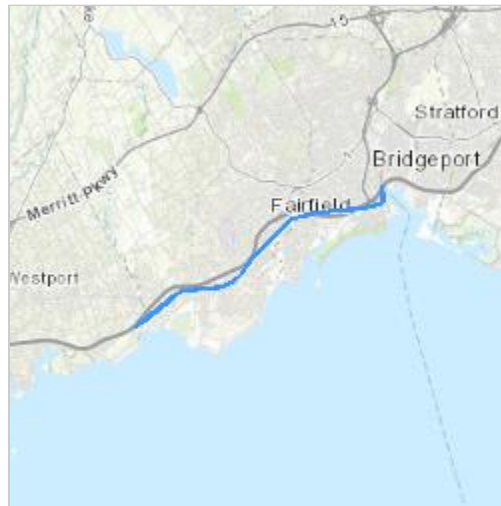
Project Name: Fairfield to Congress

Project Type: TRANSMISSION LINE

Project Description: The client is investigating upgrades to existing electric transmission lines and poles located within the CTDOT railroad ROW. These upgrades may involve the installation of multiple new transmission towers within or near the existing CTDOT railroad ROW between Fairfield and Bridgeport, CT.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.152500700000004,-73.2456563832737,14z>



Counties: Fairfield County, Connecticut

Endangered Species Act Species

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

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

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, 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: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened

Critical habitats

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

A.4: Federal Aviation Administration (FAA)

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Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-ANE-3470-OE

Issued Date: 05/26/2022

Todd Berman
United Illuminating
100 Marsh Hill Road
Orange, CT 06477

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line Tower P721ES
Location:	BRIDGEPORT, CT
Latitude:	41-09-44.72N NAD 83
Longitude:	73-13-55.68W
Heights:	19 feet site elevation (SE) 133 feet above ground level (AGL) 152 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 11/26/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (404) 305-6582, or Stephanie.Kimmel@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ANE-3470-OE.

Signature Control No: 529407339-533533758

(DNE)

Stephanie Kimmel
Specialist

Attachment(s)
Map(s)





Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-ANE-3498-OE

Issued Date: 05/26/2022

Todd Berman
United Illuminating
100 Marsh Hill Road
Orange, CT 06477

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line Tower P758S
Location:	BRIDGEPORT, CT
Latitude:	41-10-09.27N NAD 83
Longitude:	73-11-37.67W
Heights:	18 feet site elevation (SE) 148 feet above ground level (AGL) 166 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
 Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 11/26/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (404) 305-6582, or Stephanie.Kimmel@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ANE-3498-OE.

Signature Control No: 529407377-533531825

Stephanie Kimmel
Specialist

(DNE)

Attachment(s)
Map(s)





Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2022-ANE-3445-OE

Issued Date: 05/26/2022

Todd Berman
United Illuminating
100 Marsh Hill Road
Orange, CT 06477

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Transmission Line Tower P775AS
Location:	Bridgeport, CT
Latitude:	41-10-33.38N NAD 83
Longitude:	73-11-10.46W
Heights:	16 feet site elevation (SE) 199 feet above ground level (AGL) 215 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

- At least 10 days prior to start of construction (7460-2, Part 1)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 M.

This determination expires on 11/26/2023 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA. This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

If we can be of further assistance, please contact our office at (404) 305-6582, or Stephanie.Kimmel@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2022-ANE-3445-OE.

Signature Control No: 529371726-533592557

Stephanie Kimmel
Specialist

(DNE)

Attachment(s)
Map(s)

