



**CONNECTICUT DEPARTMENT OF TRANSPORTATION**  
**LOCAL BRIDGE PROGRAM**  
**SUPPLEMENTAL APPLICATION**



C.G.S. SECTIONS 13a-175p through 13a-175u, as Amended by P.A. 13-239

Supplemental Application is hereby made by the Town/City/Borough of Ledyard  
for consideration for funding under the provisions and regulations of the Local Bridge Program  
for Fiscal Year 2024 for the following structure:

Bridge Number: 137001 State Project Number: 9071-9001  
Bridge Location: Lantern Hill Road over Whitford Brook  
Span Length (existing/proposed): 15 / 33 feet Width (existing/proposed): 17 / 26

**CT Professional Engineer Responsible for Project Design:**

Name: Keegan Elder  
Firm: WMC Consulting Engineers  
License No.: 31602 Telephone: (860) 667-9624 FAX: \_\_\_\_\_  
Street Address: 87 Holmes Road  
City, State, ZIP: Newington CT 06111  
E-Mail: kelder@wmcengineers.com

**Municipal Information:**

Name & Title of Official Contact: Steve Masalin Director of Public Works  
Street Address: 741 Colonel Ledyard Highway  
City, State, ZIP: Ledyard CT 06339  
Telephone Number: (860) 464-3238 FAX: \_\_\_\_\_  
E-Mail: pwd@ledyardct.org

**Project Schedule:**

**(MM/DD/YYYY)**

Final Design (Accepted by Municipality)	<u>11/22/2023</u>
Rights-of-Way (Acquisition Complete)	<u>02/28/2025</u>
Utilities (Coordination Completion)	<u>02/05/2025</u>
Public Meeting (Conducted)	<u>12/05/2017</u>
Construction Advertising	<u>08/29/2024</u>
Construction Contract Award	<u>04/01/2025</u>
Construction Start	<u>04/01/2025</u>
Construction Complete	<u>04/26/2026</u>
Audit Submittal	<u>10/26/2026</u>

# LOCAL BRIDGE PROGRAM

## SUPPLEMENTAL APPLICATION

**Existing Conditions:** Attach description of existing conditions, including engineer's evaluation.

**Scope of Proposed Project:** Attach detailed description of the proposed Project, including Final Plans, Specifications, Detailed Estimates & other pertinent data.

<b><u>Checklist:</u></b>	<input checked="" type="checkbox"/>	Plans
	<input checked="" type="checkbox"/>	Specifications
	<input checked="" type="checkbox"/>	Engineer's Final Estimates
	<input checked="" type="checkbox"/>	Bid Tabulations
	<input checked="" type="checkbox"/>	Load Rating Package (per CTDOT Load Rating Manual)
	<input checked="" type="checkbox"/>	R.O.W. (if applicable)
	<input checked="" type="checkbox"/>	Utilities (if applicable)
	<input checked="" type="checkbox"/>	Hydraulic Design Report – must include compact disk (if applicable)
	<input checked="" type="checkbox"/>	Scour Evaluation Report – must include compact disk (if applicable)
	<input checked="" type="checkbox"/>	Municipal Proof of Funds (meeting minutes showing funding allocation)
	<input checked="" type="checkbox"/>	All Permits Acquired: Local, State, Federal (as applicable)

### Project Cost Data

	<u>Preliminary</u>	<u>Updated</u>
Preliminary Engineering Fees (Include Breakdown of Fees)	\$ 300,000.00	\$ 140,304.00
Rights-of-Way Cost (If Applicable)	\$	\$
Municipal Utility Relocation	\$	\$
Estimated Construction Costs (Include Detailed Estimate)	\$ 1,500,000.00	\$ 2,159,735.00
Construction Engineering/Incidentals (Inspection, Materials Testing)	\$ 225,000.00	\$ 241,804.79
Contingencies (10% of Construction Costs Only)	\$ 150,000.00	\$ 215,973.50
Total Estimated Project Cost	\$ 2,175,000.00	\$ 2757817.29

### Financial Aid Data

**Project Grant:**

Municipality's allowable grant percentage: 50 %

$$\frac{\$ 2757817.29}{\text{(Total Project Cost)}} \times \frac{50}{\text{(Grant \%)}} = \$ \frac{1,378,908.65}{\text{(Total Grant Amount)}}$$

**LOCAL BRIDGE PROGRAM**  
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**CERTIFICATIONS:**

I, \_\_\_\_\_, \_\_\_\_\_, duly authorized  
by the (Town, City, Borough) of Ledyard as so signified by  
the attached authorization, do certify and attest to the following:

1. Approval and acceptance of all plans, specifications and estimates. Any digressions from AASHTO and Connecticut Highway Design Manual guidelines have been made in accordance with Section 13a-86a of the Connecticut General Statutes and documentation has been retained in the project records.
2. That all R.O.W. activities associated with the project have been addressed or will be completed by the start of construction and, by a certified appraiser, that the purchase price of all properties being acquired represents the fair market value of such property.
3. That the Municipality owns or has the responsibility for maintaining the structure for which funding is sought and will be responsible for all future maintenance of the structure.
4. That all public and private utility relocations have been addressed.
5. That the design loading for the structure complies with the requirement of the Regulations for the Local Bridge Program.
6. That all permits required from Federal, State, and local agencies have been obtained, and all applicable permits, regulations and executive orders will be complied with.
7. That this project complies with National Flood Insurance Program requirements and the Municipality's Flood Management ordinance or regulations, if applicable.
8. That the hydraulic design is in conformance with the requirements of the program regulations, and that an appropriate scour evaluation has been performed.
9. That separate accounts have been established specifically for this project and all additions or disbursements will be made therefrom.

Signed \_\_\_\_\_ Date \_\_\_\_\_

Title \_\_\_\_\_

*Municipal Seal*

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**CERTIFICATIONS By a Connecticut Licensed Professional Engineer:**

I, Keegan Elder, do hereby certify:  
*name*

1. That the design loading complies with the requirements of the program regulations.
2. That the completed structure is designed to have at least a 20-year life.
3. That the design reflects the latest AASHTO LRFD Bridge Design Specifications requirements for structures of that type, or previously approved digressions from those standards based upon sound engineering judgment.
4. That the geometric design reflects the latest Connecticut Highway Design Manual requirements, or reasonable digressions from those standards based upon sound engineering judgment.
5. That the hydraulic design is in conformance with the requirements of the program regulations, and that an appropriate scour evaluation has been performed.
6. That any deviations from AASHTO and ConnDOT standards have been authorized by the municipality, do not present an increased risk to the public, and have considered all factors listed in Section 13a-86a of the Connecticut General Statutes.

Signed Keegan O. Elder

Date 01/13/2026

Title Vice President

Conn. P. E. Registration

*(Stamp or Seal)*



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**By a Certified Appraiser: (If Applicable)**

I, \_\_\_\_\_, hereby certify that the appraised property values reflect the current fair market value and are fair and reasonable.

Signed \_\_\_\_\_

Date \_\_\_\_\_

Title \_\_\_\_\_

Certification Number

## RESOLUTION

### Project Description:

Local Bridge Program

State Project No. 9071-9001

Bridge Number: 137001

Bridge Location: Lantern Hill Road over Whitford Brook

Town/City/Borough of Ledyard

Be it RESOLVED, that, \_\_\_\_\_, \_\_\_\_\_  
*name title*  
of the Town/City/Borough of Ledyard is authorized to sign the LOCAL  
BRIDGE PROGRAM SUPPLEMENTAL APPLICATION and any associated agreements  
between the State of Connecticut and the Town/City/Borough of Ledyard  
for Lantern Hill Road over Whitford Brook, Bridge No. 137001.  
*(road carried over feature crossed)*

ADOPTED by the \_\_\_\_\_ of the Town/City/Borough of  
*(legislative body)*  
Ledyard, Connecticut  
on \_\_\_\_\_ .  
*(date)*

*(Municipal Seal)*

\_\_\_\_\_  
Signature of Clerk

\_\_\_\_\_  
Date