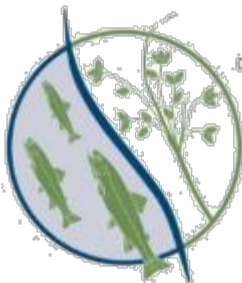


Stream Continuity Grants Briefing Call



COMMONWEALTH OF MASSACHUSETTS
**Division of
Ecological
Restoration**

**Massachusetts Department of Fish and Game
Division of Ecological Restoration**

Presentation Overview

1. Welcome and presentation Summary
2. Stream Continuity Program Overview
3. Culvert Replacement Municipal Assistance Grant Summary
4. Training Site Initiative Summary
5. Question & Answer Period

Stream Continuity Program

Remove barriers to fish and wildlife, reconnect upstream and downstream habitat, and restore stream processes.



Massachusetts Stream Crossing Standards (SCS)

0.82 Openness ratio

Large span, 1.2x bankfull width

Open arch

**2 feet
Embedment**

**Natural
substrate**



Paul Nguyen

**Banks, dry
passage**

**Comparable depth and
velocity, up & downstream**

Benefits of SCS Structures



Traditional Culverts

- Blocks movement of fish and wildlife
- Disrupts stream processes
- Vulnerable to clogging with sediment and wood
- Downstream scour and erosion of structural components
- Often reduced hydraulic capacity
- Susceptible to failure and damages
- Higher maintenance and repair costs



Meets MA Stream Crossing Standards

- Reconnects access to critical habitat for fish and wildlife
- Allows natural stream channel adjustment and movement of sediment and wood
- Reduces lifetime maintenance costs
- Improved flood resiliency and reduces probability of flood-related damages
- Maintains road access for emergency, residential and community services
- Cost effective over lifespan of the structure

Stream Continuity Program

Increase Municipality's ability to replace culverts meeting the Massachusetts Stream Crossing Standards.



- Culvert Assessments
- Technical Assistance

- Training Sites
- Tools & Resources

Culvert Replacement Municipal Assistance Grant (CRMA) Program

- Replace undersized, perched, and/or degraded culverts located in areas of high ecological value
- With better designed crossings that meet improved structural and environmental design standards and flood resiliency criteria

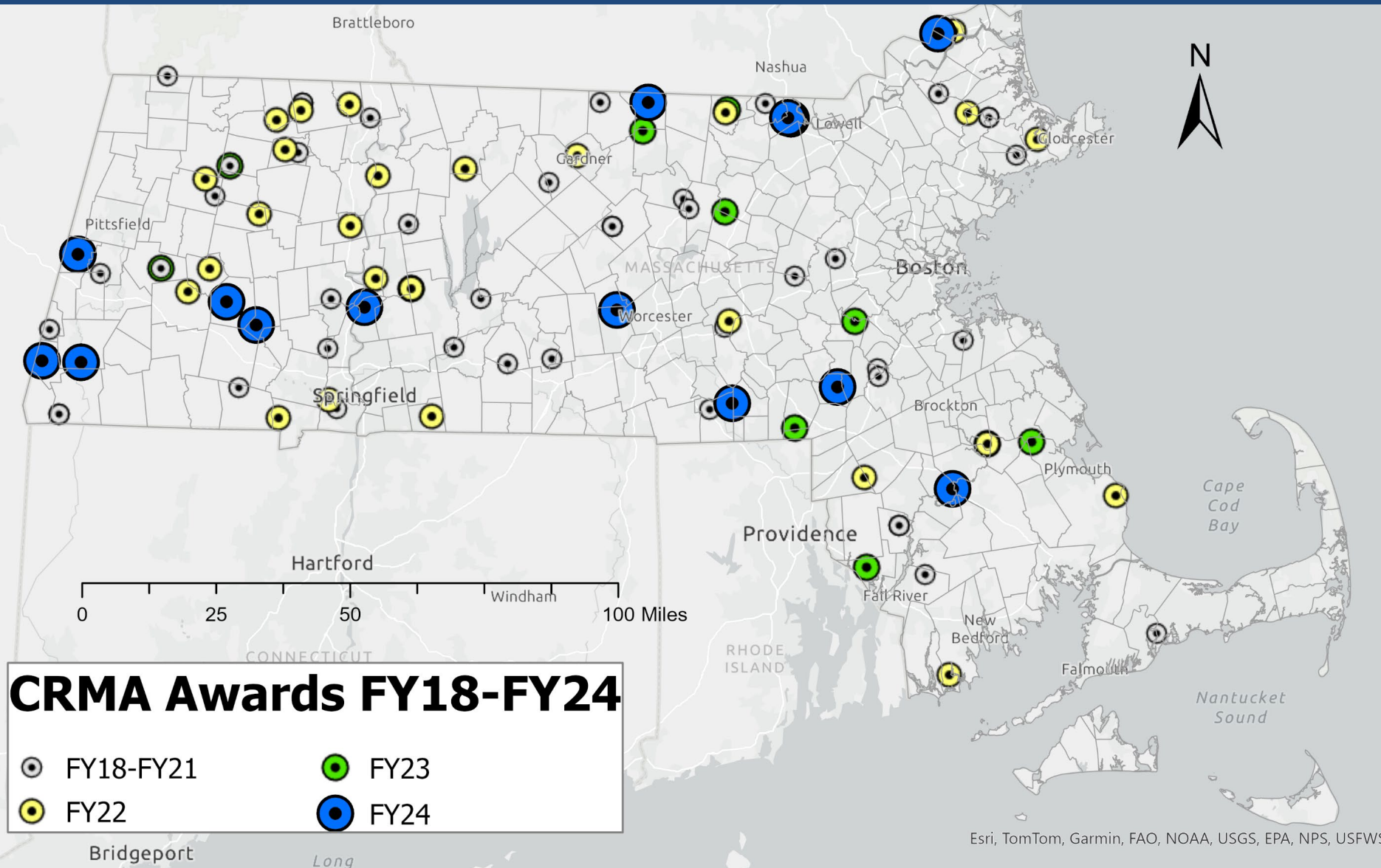


Before



After

Culvert Replacement Municipal Assistance Grant Program (CRMA)



Training Site Initiative

- Same goals as the Culvert Replacement Municipal Assistance Grant Program
- Trainings held at recipient communities for nearby municipal staff



Before



After

Training Site Initiative



Fiscal Year 2025 Grant Opportunity

RFR will be posted on COMMBUYS.com

COMMBUYS

COMMBUYS - Bid Solicitation

commbuys.com/bsv/view/search/external/advancedSearchBid.xhtml?q=RFR%20DER%202022-03%20Grant%20Opp%20Assistance%20for%20Replacement...

Search... Bid Solicitation: Advanced

Register Sign In

+ Advanced Search

Results

Bid Solicitation #	Alternate Id	Contract/Blanket #	Buyer	Description	Bid Opening Date	Bid Holder List	Awarded Vendor(s)
BD-22-1046-DER-FWE01-70273			Ione Hughes	RFR DER 2022-03 Grant Opp Assistance for Replacement of High Ecological Value Culverts	03/14/2022 17:00:00	LIST	Award in Process

Fiscal Year 2025 Grant Opportunity

RFR will be posted on COMMBUYS.com

COMMBUYS x COMMBUYS - Bid Solicitation x +

commbuys.com/bsol/external/bidDetail.sdo?docId=BD-22-1046-DER-FWE01-70273&external=true&parentUrl=close

Header Information

Bid Number:	BD-22-1046-DER-FWE01-70273	Description:	RFR DER 2022-03 Grant Opp Assistance for Replacement of High Ecological Value Culverts	Bid Opening Date:	03/14/2022 05:00:00 PM
Purchaser:	Ione Hughes	Organization:	Department of Fish and Game		
Department:	DER - Division of Ecological Restoration	Location:	FWE01 - Division Ecological Restoration		
Fiscal Year:	22	Type Code:	NS - Non-Statewide Solicitation	Allow Electronic Quote:	Yes
Alternate Id:		Required Date:		Available Date :	02/14/2022 10:00:00 AM
Info Contact:		Bid Type:	OPEN	Informal Bid Flag:	No
Purchase Method:	Open Market				

Pre Bid Conference:
Bulletin Desc: The Division of Ecological Restoration is seeking applications for grant funding from MA municipalities interested in replacing an undersized, perched, and/or degraded culvert in an area of high ecological value with better designed crossings that meet improved structural and environmental design standards and flood resiliency criteria. See attached RFR for details.

Ship-to Address:	Ione Hughes 251 Causeway St Suite 400 Boston, MA 02114 US Email: Ione.S.Hughes@mass.gov Phone: (617)626-1545	Bill-to Address:	Ione Hughes 251 Causeway St Suite 400 Boston, MA 02114 US Email: Ione.S.Hughes@mass.gov Phone: (617)626-1545	Print Format:	
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File Attachments:
[Final FY23 CRMA RFR](#)
[CRMA FY23 Final Application Form](#)
[FY23 Grant Briefing](#)
[FY23 Culvert BID Request Template](#)
[FY23 Pre-RFR FAQ](#)
[PreRFR CRMA Info Call Notes](#)
[FY23 CRMA RFR QA](#)

Fiscal Year 2025 Grant Opportunity

Materials will also be linked on DER's website:

<https://www.mass.gov/how-to/culvert-replacement-municipal-assistance-grant-program>

An official website of the Commonwealth of Massachusetts [Here's how you know](#)

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Culvert Replacement Municipal Assistance Grant Program

Details on how to apply for grants to replace undersized, perched, and/or degraded culverts located in areas of high ecological value

The Request for Responses (RFR) is anticipated to launch in February. Please see below for instructions on submitting a Project Inquiry and additional information and resources.

THE DETAILS

CONTACTS

What you need

How to apply

What you need

DER's Culvert Replacement Municipal Assistance Grant Program is for

Culvert Replacement
Municipal Assistance Grant
Program

What's new in FY25 grant round?

- Added Culvert Replacement Training Site Initiative for eligible projects, including new eligibility, prioritization details.
- Applicants can simultaneously apply for the CRMA Program and Training Sites Initiative and be considered for BOTH.
- Added eligibility for federally recognized and state acknowledged Tribes.
- Additional resources and consideration of other priority populations along with Environmental Justice (EJ) Communities.

FY25 CRMA Grant Timeline

- **February-March 2024:** Request for Response (RFR) Period
- **Early March**
Grant Applications Due
- **July-August 2024**
Anticipated Grant Awards
- **July/August 2024 to June 30, 2025**
Grant Duration

Proposals Sought

- Voluntary projects in ecologically high value areas.
- Remove barriers to fish and wildlife, reconnect upstream and downstream habitat, and restore stream processes.
- Culvert Replacement Training Sites (multi-year projects with trainings for nearby municipalities)
- **Only projects intended to meet the goals of the MA Stream Crossing Standards (SCS) will be funded.**

Eligible Applicants

- Massachusetts local government units, including towns, cities, districts, commissions, and regional governments, as well as federally recognized and state acknowledged Tribes.
- Eligible applicants may apply jointly with one serving as the lead applicant.
- Project owners do not have to be the applicant but will be required to provide a letter of support.
- Municipalities awarded funding in a previous year and in good standing may apply for a new project or apply for continued work on the previously awarded project.

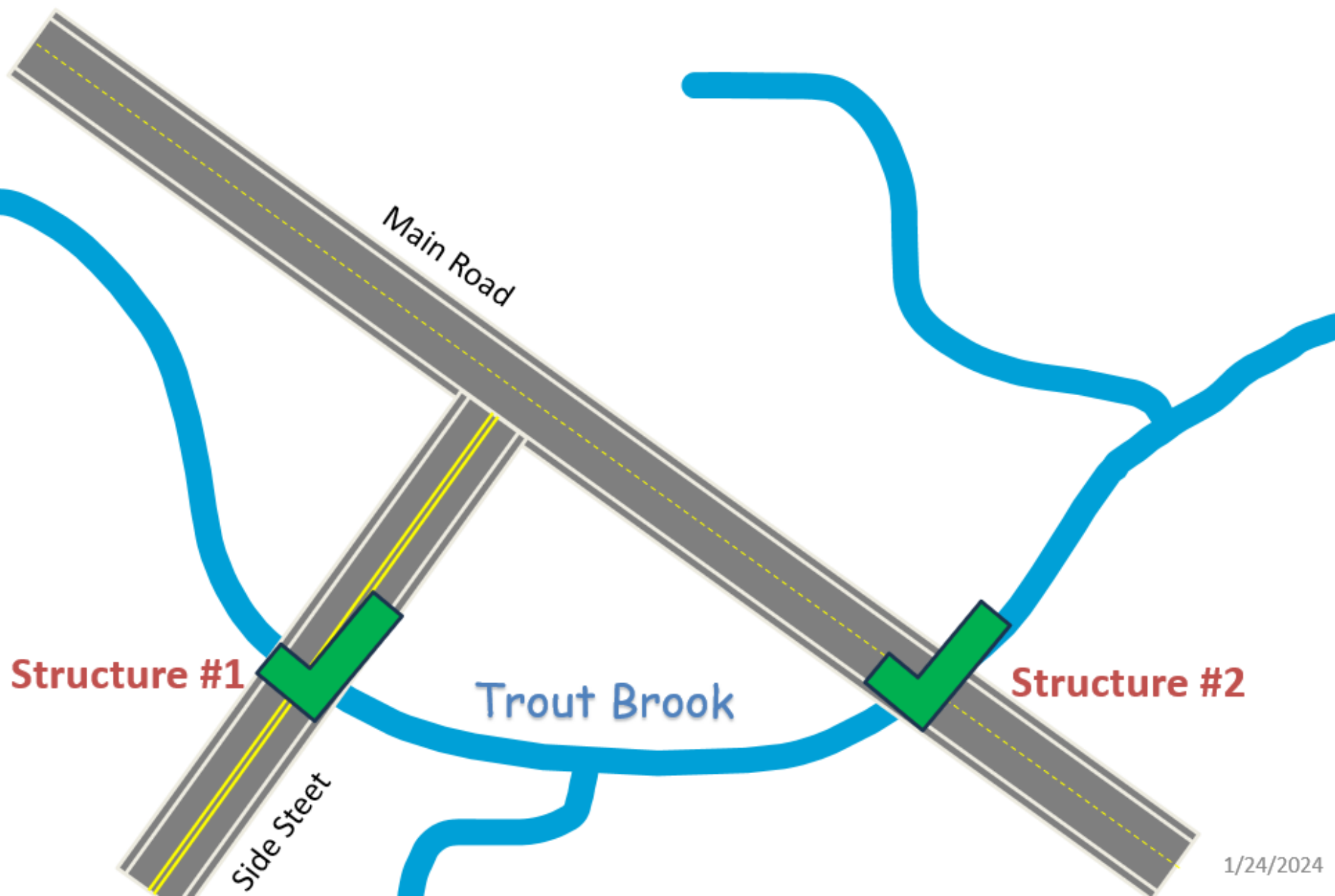
Eligible Projects

- Each applicant may submit **one** grant application.
- Each application may propose a project with **up to 3** structures on the same local connected stream network per application.
- Proposed projects must intend to meet the goals of the Massachusetts Stream Crossing Standards.
- Only one application for any given stream crossing will be considered.

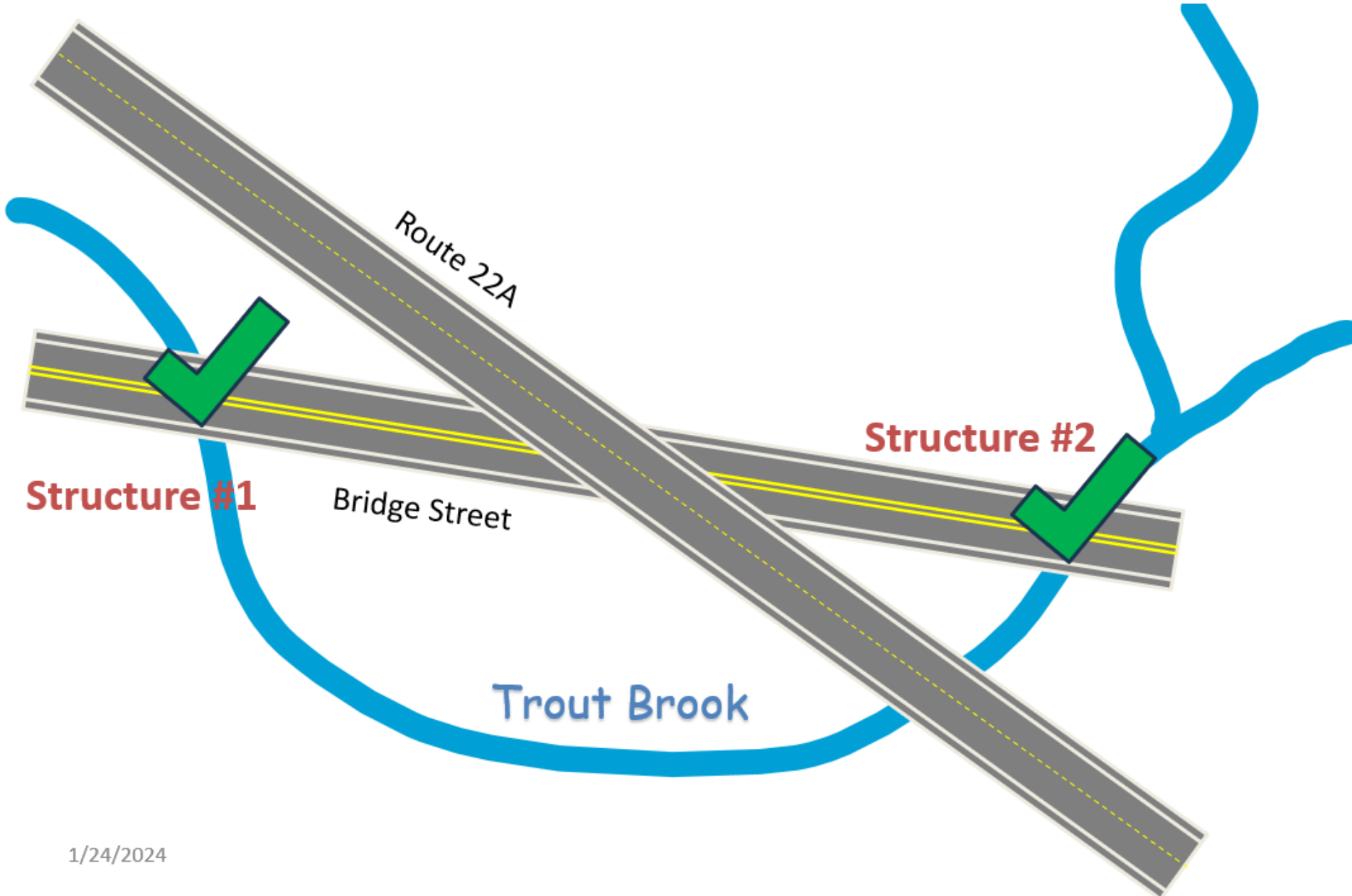
Eligible Projects

- Must be on a public way, owned and maintained by an eligible applicant, cross freshwater, non-tidal river or stream channel within the Commonwealth of Massachusetts
- Can be either an intermittent or perennial stream
- Projects where a culvert or bridge will be completely removed and the road will be decommissioned are also eligible

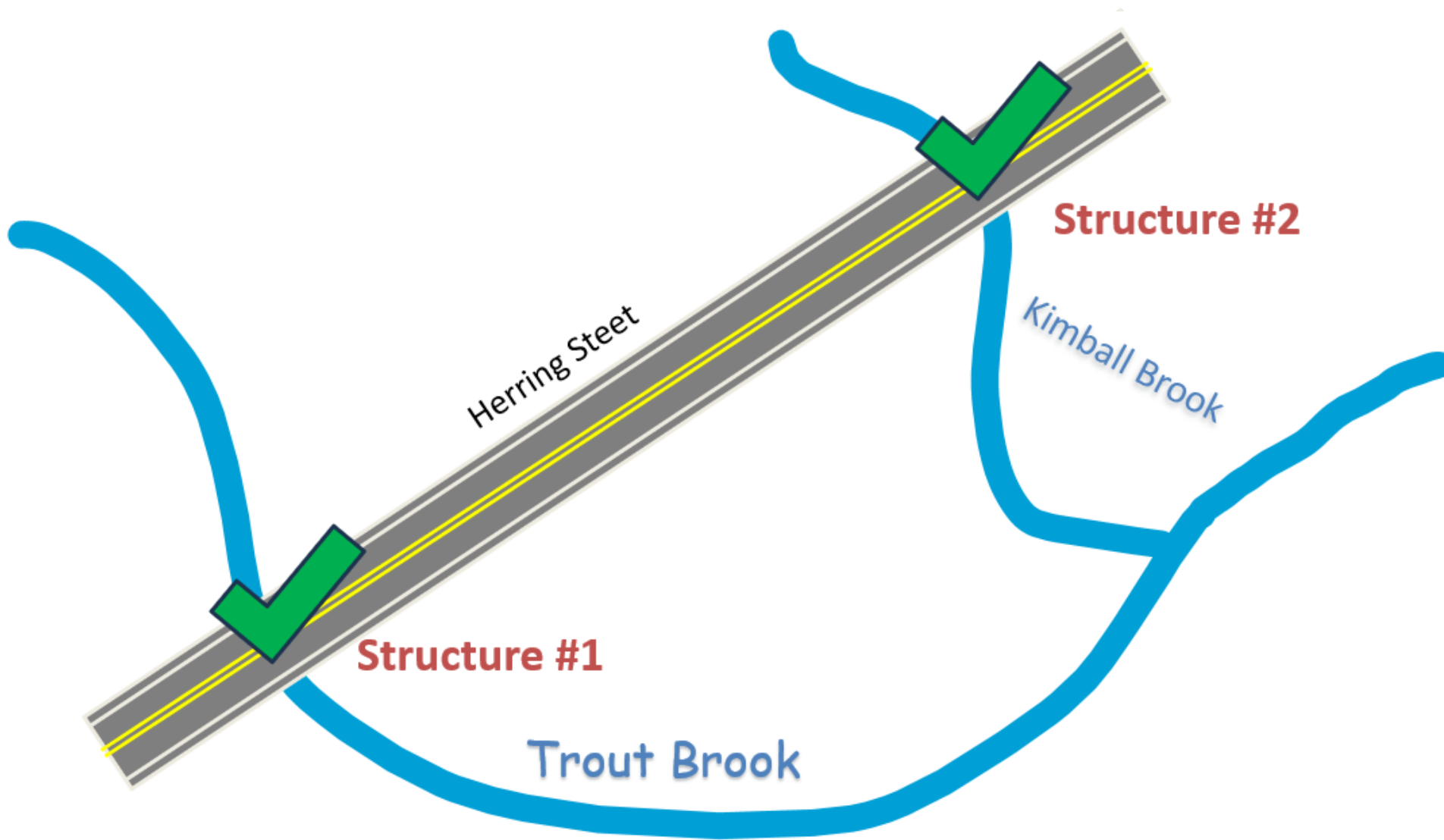
Eligible Projects – Stream Reach



Eligible Projects – Stream Reach



Eligible Projects – Local Stream Network



Project Phases

- Field Data Collection
- Design & Engineering
- Permitting
- Construction

Applicants may request funding for more than one project phase, but all work must be completed by June 30, 2025.

Engineering Projects

- Small Bridge/Chapter 85 review
- Any replacement span greater than 10 feet will be subject to MassDOT design requirements and review
- Applicants are encouraged to work with a prequalified consultant on applicable projects.

Match Requirement

- There is no match requirement.
- Applicants are encouraged to report other known sources of funding for the proposed project (both secured and anticipated).
- Cost effective projects and/or projects leveraging external funding may receive higher scoring.

Evaluation Criteria

- **Demonstrated Need (25 Points)**
 - i. Project Background
 - ii. Project Status/Readiness
 - iii. Financial Need
- **Project Description (30 Points)**
 - i. Project Scope
 - ii. Project Budget/Cost Effectiveness
 - iii. Project Timeline
- **Project Benefits (45 Points)**
 - i. Benefit to the Environment
 - ii. Public Safety Benefits
 - iii. Economic and Community Benefits
 - iv. Capacity Building/Transferability
 - v. Environmental Justice Communities Benefits
- **Total : 100 Points**

Evaluation Criteria

Capacity building/transferability –

How will the proposal build capacity, leverage funding, or enhance applicant's ability to transfer knowledge, achieve cost-savings, or amplify benefits of the project?

Project Budget and Cost Effectiveness –

- How cost effective is the project given its benefits? Does the application leverage other work (e.g., leveraged funds, other completed or planned restoration projects)?

Eligible Training Site Projects

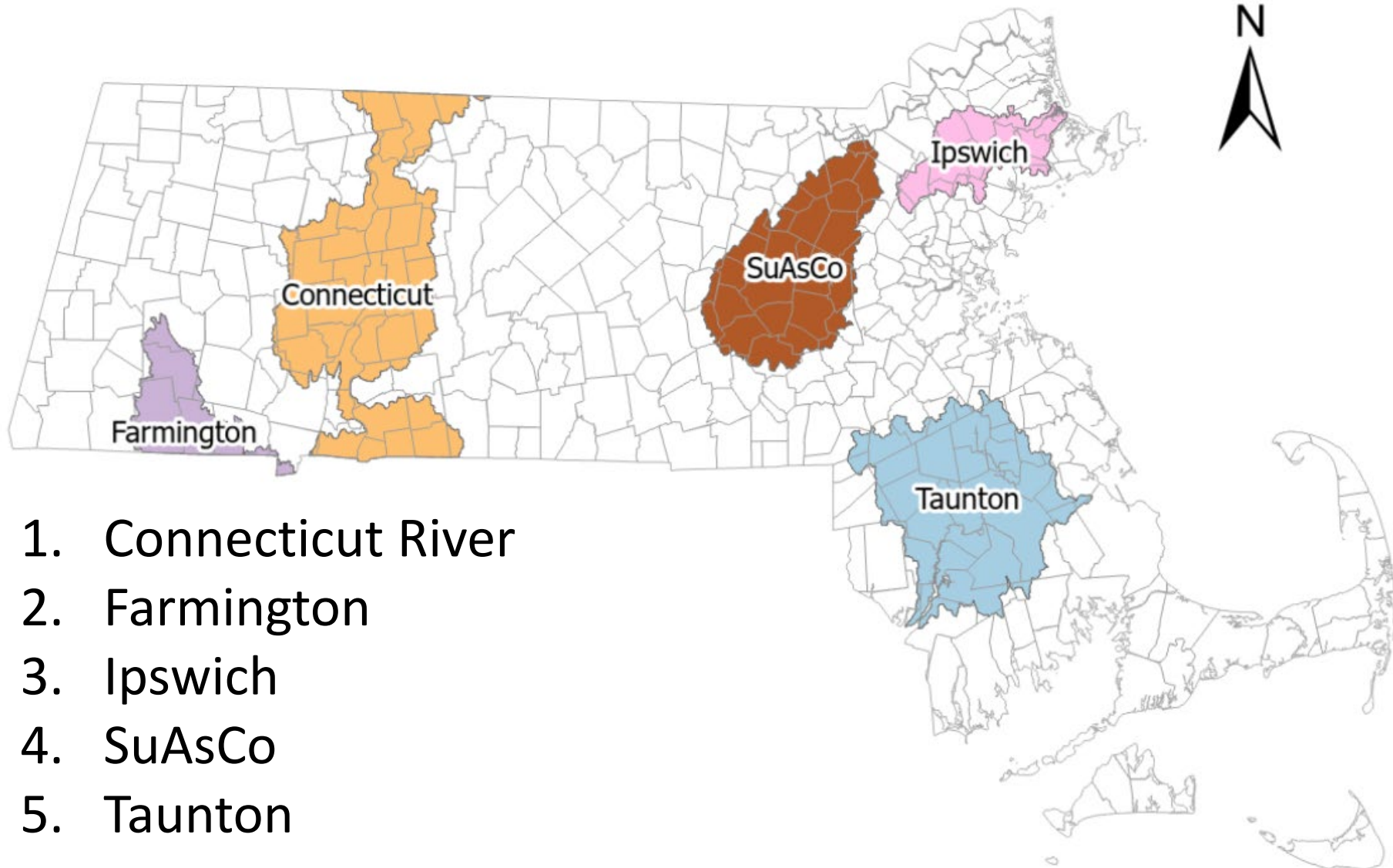
- Must be a new project in the Field Data Collection Phase
- The Applicant must be willing to help coordinate trainings in their municipality
- All other eligibility requirements are the same as the Culvert Replacement Municipal Assistance Grant

Additional Training Site Evaluation Criteria

- **Demonstrated Town Commitment (4 Points)**
- **Training Potential (8 Points)**
 - i. Ability to transfer lesson
 - ii. Site Accessibility
- **Project Description (18 Points)**
 - i. Ecological Benefit
 - ii. Technical Feasibility to meet MA SCS
 - iii. Likelihood of Project Success
- **Project Location (6 Points)**
 - i. FY25 Training Site Priority Watersheds
- **Environmental Justice Community Benefits (4 Points)**
- **DER Training Program Strategic Planning Discretionary (10 points)**

- **Total : 50 Points**

Anticipated Training Site Priority Watersheds



Reminder: CRMA and Training Sites Grants

- Both programs will use the same application (there will be 2-3 additional questions for Training Sites)
- Applicants that are interested in both programs will be considered for BOTH funding opportunities

Performance & Contract Specifications

Project Terms

- Contract is subject to negotiation of agreed upon scope of work

Deliverables, Ownership and Credit Due

- Technical deliverables produced under the contract shall be delivered to DER
- Structures will remain property of the Municipality/applicant

Reporting

- Necessary reports and deliverables are project specific and will be identified during contracting

Invoicing

- Grant is managed on a reimbursement basis for work completed after contract execution
- Only tasks identified in the scope are eligible for reimbursement

Grant Application Deadline

- Application due date subject to posting date of RFR (anticipated early March).
- Applications received after the due date will automatically be rejected.
- Applicants are encouraged to submit in advance of the due date.

Contact Us With Questions

General and project-specific questions before the RFR is posted:

DERCulverts@mass.gov

Instructions for questions after the RFR is posted will be included with the RFR.