



TOWN OF FRANKLIN

DEPARTMENT OF PUBLIC WORKS

Franklin Municipal Building
257 Fisher Street
Franklin, MA 02038-3026

January 24, 2025

Ms. Breeka Li Goodlander, Conservation Agent
Members of the Franklin Conservation Commission
355 East Central Street
Franklin, MA 02038

Re: Prospect Street Culvert Repairs – Peer Review Comments Amendment

Dear Conservation Commission Members:

The Department of Public Works (DPW) is filing this Notice of Intent with the Conservation Commission, after-the-fact, for the emergency repair to the drainage culvert under Prospect Street, a public roadway, in Franklin. The NOI was discussed at the November 14, 2024 meeting and continued to the December 12, 2024 meeting as the MassDEP file number was not issued in time and we were awaiting the peer review comments. We requested continuance to the next meeting (February 6, 2025) to allow time to respond to the comments from the MassDEP as well.

We would also like to request a waiver for the work that occurred within the 25' No Disturb Zone and the 50' No Structure Zone.

Below are the November 25, 2024 comments from BETA's peer review and the December 5, 2024 comments from the MassDEP with responses identified in red:

Plan and General Comments

A1. MassDEP has not issued a file number as of this writing.

The file number (CE 159-1304) was issued on December 5, 2024.

A2. The following elements are missing from the provided plans:

- a. Existing and proposed vegetation (i.e., tree lines and any applied seed mix) should be provided on the plans per Bylaw Regulation Sections 7.18.1.5. and 7.18.1.6.*

The project area was not surveyed so the approximate tree lines were added to the plans based off field conditions and Autocad Online background map. There were no changes in the tree line and no seed mix applied as part of this project.

b. Buffer Zones should be shown on the plans per Bylaw Regulation Section 7.18.1.8.

The entirety of the plan is within the 200 foot riverfront buffer zone. A majority of the plan is located within the 100 foot wetland buffer zone, see top left corner of the viewport. This was noted in the Legend on the plan.

c. The location of erosion controls and water controls used during construction should be shown on the plans per Bylaw Regulation Section 7.18.1.9.

Construction was expedited to minimize the amount of time this area was destabilized. Filter fabric and stone was used during the dewatering process. Stone materials were placed at the outlets of the pumps to dissipate some of the water velocity.

d. A Professional Land Surveyor (PLS) stamp is normally required for NOI filings; however, the Commission could consider waiving this requirement given that the work was conducted to abate an emergency and GIS / GPS data is being used to approximate the scope of work.

We request the Commission waive this requirement as noted due to the emergency nature of the work.

e. The assessor's references for the abutting properties should be shown on the plans.

These have been added to the plan.

f. A survey benchmark is normally required on plans for NOI filings; however, the Commission could consider waiving this requirement given that the work was conducted to abate an emergency and GIS / GPS data is being used to approximate the scope of work.

We request the Commission waive this requirement as noted due to the emergency nature of the work.

A3. The locations of Resource Area impacts should be labeled on the Plans.

The entirety of the plan is within the 200 foot riverfront buffer zone. A majority of the plan is located within the 100 foot wetland buffer zone, see top left corner of the viewport. This was noted in the Legend on the plan.

A4. The WPA Form 3 requires the following sections to be filled out:

These sections were not completed due to the instructions for the Ecological Restoration Limited Project. Since this project will not be considered as such, these sections have now been completed and will be included in the revision.

a. The Massachusetts Endangered Species Section;

See above note.

b. *The Other Applicable Standards and Requirements Section; and*

See above note.

c. *The Additional Information Section.*

See above note.

A5. *The WPA Form 3 should also be revised to remove references to an Ecological Restoration Project, as the Project does not meet the associated criteria provided in the definition at 310 CMR 10.04.*

All references in WPA Form 3 have been removed.

Resource Area and Boundary Comments

Construction Comments

W1. *Two (2) areas of riprap were observed to the northeast and northwest of the Project approximately 15-feet north of the limits of work depicted on the plan. The Applicant should clarify if this riprap was placed as a part of this Project and reflect it on the plans. The limits of all riprap used to stabilize the roadway slopes should be depicted.*

The areas of riprap on the slopes have been added to the plan. This riprap was placed as part of this project.

W2. *An area of asphalt that appears to be discarded from repaving the road was observed northeast of the limits of work within Buffer Zone and requires removal.*

This asphalt was removed on December 3, 2024.

Mitigation Comments

W3. *The Applicant should provide additional information regarding mitigation conducted to date if applicable. The permanent impacts to Bank, BVW, and LUW resulting from the installation of a longer pipe and stabilization of the roadway slopes should be quantified to confirm if additional mitigation is required.*

The existing culvert was failing and not allowing water to properly flow through. This issue was causing the roadway to begin eroding away causing an unsustainable and dangerous condition. To mitigate this issue and prevent future occurrences, it was necessary to extend the pipe and stabilize the roadway slope. The area of permanent impacts to the Bank surrounding the waterway was included in the calculations. A rock apron was installed to mitigate scour. The area of the culvert and riprap on the outlet side within the land under water (LUWW) has been added to WPA form 3 and the Resource Area Impact Summary.

W4. The Applicant could consider placing loam/compost, a native seed mix, and an erosion control blanket over the placed rip rap to vegetate the slopes without needing to remove stone. If this is pursued, it is recommended that the Applicant consult Section 4.5.3 of the MassDOT Stormwater Design Guide for further details. It is also recommended that coir logs be installed at the toe of slopes to prevent potential migration of fine materials.

We have reviewed the MassDOT Stormwater Design Guide as recommended above and considered adding loam and a native seed mix to create a vegetated riprap slope as noted. However, after reviewing the Design Guide and the site conditions, we do not feel this would provide any significant benefit to the current conditions.

As noted in the Design Guide, this stormwater control measure (SCM) is often used to improve existing conditions on redevelopment projects and to reduce thermal impacts of runoff to cold-water fisheries. We note that this stream is not a cold-water fishery per the Massachusetts Division of Fisheries and Wildlife, and that the current riprap slope is already a substantial improvement over the pre-construction conditions which included a paved waterway that directed surface runoff directly into the stream.

Additionally, as per the Design Guide, if the slope directly discharges into a water body, which this site does, the slope design and vegetation require special considerations. Also, the compost and vegetation must not extend below the elevation of Ordinary High Water. Due to the limited height of the slope, the effective area above Ordinary High Water is only a couple of feet.

We note that there is already some leaf cover and naturally growing vegetation on the riprap slope. We recommend that the riprap slope be allowed to naturally fill in over time and that further construction to create a vegetated riprap would not provide any significant benefit.

WPA Performance Standard Comments

W5. The Applicant provided an alternatives analysis to comply with Performance Standards for RA as required by the regulations. BETA defers to the Commission on the acceptance of the alternatives analysis.

We request the Commission accept the alternatives analysis as provided. We note that due to the nature of the culvert failure and immediate need to close the road, the constructed project was the only practical alternative at the time.

W6. The Applicant stated on the WPA Form 3 that impacts to BVW totaled 3,125 square feet but later indicated that the 3,125 square feet of impacts were associated with Buffer Zone. The Applicant should clarify the quantity of impacts that occurred in BVW versus Buffer Zone. If BVW impacts were required, additional mitigation to meet the Performance Standards at 310 CMR 10.55(4)(b) may be required.

The 3,125 square feet of impacts are associated with the Buffer Zone. The disturbance to the BVW was approximately 328 square feet and was restored following construction.

Bylaw Regulatory Comments

W7. The Applicant should request a formal waiver for work that occurred within the 25' No Disturb Zone and the 50' No Structure Zone.

This request for a waiver has been included in the start of this letter.

W8. The Applicant should provide calculations for impacts within the 0 to 25-foot, 25 to 50-foot, and 50 to 100-foot Buffer Zones.

The impacts to these Buffer Zones are as follows:

0-25-foot: 2217 sf

25-50-foot: 580 sf

50-100-foot: 0 sf

MassDEP 1. This project was filed as an ecological restoration limited project NOI; however, because the filing is an after-the-fact filing, it appears that some of the submittal requirements for an ER limited project cannot be met. MassDEP recommends that this be reviewed as a replacement culvert under 310 CMR 10.53(8).

WPA form 3 has been revised to remove reference to an ecological restoration limited project. The standards were complied with to the maximum extent practicable due to the emergency nature of the project.

MassDEP 2. In the absence of a headwall, MassDEP recommends the Applicant should provide a cross-sectional detail that indicates how infiltration into roadway embankments will be prevented.

Filter fabric, crushed stone, and the granite blocks from the existing culvert were placed to reinforce the roadway embankment surrounding the pipe at both the inlet and outlet and then further reinforced with riprap for additional stabilization. This method will prevent scour alongside the culvert and also prevent the migration of finer soils, both of which will be beneficial to the longevity of the structure.

MassDEP 3. The Applicant should clarify if proposed scour protection represents fill to LUWW. If so, a revised WPA form 3 should be submitted to MassDEP and the Commission with impacts to LUWW quantified.

The area of the culvert and riprap on the outlet side within the land under water (LUWW) has been added to WPA form 3.

If you require additional information, please contact this office at 508-553-5500.

Sincerely,

Brooke Morganelli

Brooke Morganelli, P.E.
Assistant Town Engineer

Attachments: Amended plan dated December 6, 2024, amended WPA form 3, amended Resource Area Impact Summary Form.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:	
MassDEP File Number	
Document Transaction Number	
Franklin	
City/Town	

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

<u>Prospect St ROW (570' north of Lake St)</u>	<u>Franklin</u>	<u>02038</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:	<u>42.06375</u>	<u>-71.45491</u>
	d. Latitude	e. Longitude
<u>ROW</u>	<u>ROW</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Town of Franklin - Department of Public Works</u>	<u></u>	
a. First Name	b. Last Name	
c. Organization		
<u>257 Fisher Street</u>		
d. Street Address		
<u>Franklin</u>	<u>MA</u>	<u>02038</u>
e. City/Town	f. State	g. Zip Code
<u>508-553-5000</u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

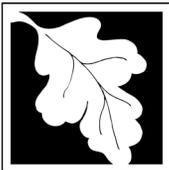
<u>Town of Franklin</u>	<u></u>	
a. First Name	b. Last Name	
c. Organization		
<u>355 East Central Street</u>		
d. Street Address		
<u>Franklin</u>	<u>MA</u>	<u>02038</u>
e. City/Town	f. State	g. Zip Code
<u>508-528-7900</u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u></u>	<u></u>	
a. First Name	b. Last Name	
c. Company		
<u></u>		
d. Street Address		
<u></u>	<u></u>	<u></u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

<u>Fee waived</u>	<u></u>	<u></u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
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City/Town

A. General Information (continued)

6. General Project Description:

Emergency replacement of a failing drainage culvert, installation of rip rap to stabilize slopes, and replacement of pavement.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Commercial/Industrial
- 4. Dock/Pier
- 5. Utilities
- 6. Coastal engineering Structure
- 7. Agriculture (e.g., cranberries, forestry)
- 8. Transportation
- 9. Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

- 1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

a. County

b. Certificate # (if registered land)

c. Book

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- 1. Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- 2. Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input checked="" type="checkbox"/> Bank	117.5 1. linear feet	117.5 2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	328 1. square feet	328 2. square feet
c. <input checked="" type="checkbox"/> Land Under Waterbodies and Waterways	94 1. square feet 3. cubic yards dredged	94 2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced

f. Riverfront Area
 Unnamed stream (inland)
 1. Name of Waterway (if available) - **specify coastal or inland**

2. Width of Riverfront Area (check one):
- 25 ft. - Designated Densely Developed Areas only
 - 100 ft. - New agricultural projects only
 - 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: 6227635
 square feet

4. Proposed alteration of the Riverfront Area:

<u>3125</u>	<u>3125</u>	<u>0</u>
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI? Yes No
6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Franklin

City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
 Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	

	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	_____	_____
	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	_____	_____
	1. square feet	2. cubic yards dune nourishment

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	

	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	

	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	_____	
	1. square feet	

4. Restoration/Enhancement
 If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

_____	_____
a. square feet of BVW	b. square feet of Salt Marsh
5. <input checked="" type="checkbox"/> Project Involves Stream Crossings	
0	1
_____	_____
a. number of new stream crossings	b. number of replacement stream crossings



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:	
MassDEP File Number	
Document Transaction Number	
Franklin	
City/Town	

C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

- Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

a. Yes No **If yes, include proof of mailing or hand delivery of NOI to:**

**Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581**

1/8/24
b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

c. Submit Supplemental Information for Endangered Species Review*

- Percentage/acreage of property to be altered:
 - (a) within wetland Resource Area _____ percentage/acreage
 - (b) outside Resource Area _____ percentage/acreage

2. Assessor's Map or right-of-way plan of site

- Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **
 - (a) Project description (including description of impacts outside of wetland resource area & buffer zone)
 - (b) Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Franklin
City/Town

C. Other Applicable Standards and Requirements (cont'd)

(c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/ mesa/ mesa_fee_schedule.htm).
Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing. a. NHESP Tracking # _____ b. Date submitted to NHESP _____

3. Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. Not applicable – project is in inland resource area only b. Yes No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Franklin
City/Town

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

C. Other Applicable Standards and Requirements (cont'd)

- 4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
 a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
 b. ACEC

- 5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
 a. Yes No
- 6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
 a. Yes No
- 7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
 a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
 - 1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 - 2. A portion of the site constitutes redevelopment
 - 3. Proprietary BMPs are included in the Stormwater Management System.
 b. No. Check why the project is exempt:
 - 1. Single-family house
 - 2. Emergency road repair
 - 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

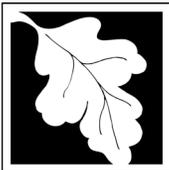
D. Additional Information

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

- 1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
- 2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



Massachusetts Department of Environmental Protection
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D. Additional Information (cont'd)

3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. List the titles and dates for all plans and other materials submitted with this NOI.

Prospect Street Culvert Emergency Repairs

a. Plan Title

EG/BM

b. Prepared By

12/6/24

d. Final Revision Date

c. Signed and Stamped by

1"=10'

e. Scale

f. Additional Plan or Document Title

g. Date

5. If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. Attach NOI Wetland Fee Transmittal Form

9. Attach Stormwater Report, if needed.

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

2. Municipal Check Number

3. Check date

4. State Check Number

5. Check date

6. Payor name on check: First Name

7. Payor name on check: Last Name



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Bureau of Resource Protection - Wetlands

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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:	
MassDEP File Number	
Document Transaction Number	
Franklin	
City/Town	

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

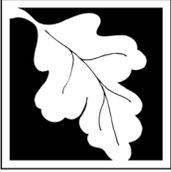
For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

a. Street Address _____ b. City/Town _____
 c. Check number _____ d. Fee amount _____

2. Applicant Mailing Address:

a. First Name _____ b. Last Name _____
 c. Organization _____
 d. Mailing Address _____
 e. City/Town _____ f. State _____ g. Zip Code _____
 h. Phone Number _____ i. Fax Number _____ j. Email Address _____

3. Property Owner (if different):

a. First Name _____ b. Last Name _____
 c. Organization _____
 d. Mailing Address _____
 e. City/Town _____ f. State _____ g. Zip Code _____
 h. Phone Number _____ i. Fax Number _____ j. Email Address _____

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

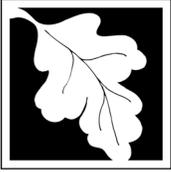
Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee: _____
 a. Total Fee from Step 5

State share of filing Fee: _____
 b. 1/2 Total Fee **less** \$12.50

City/Town share of filing Fee: _____
 c. 1/2 Total Fee **plus** \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

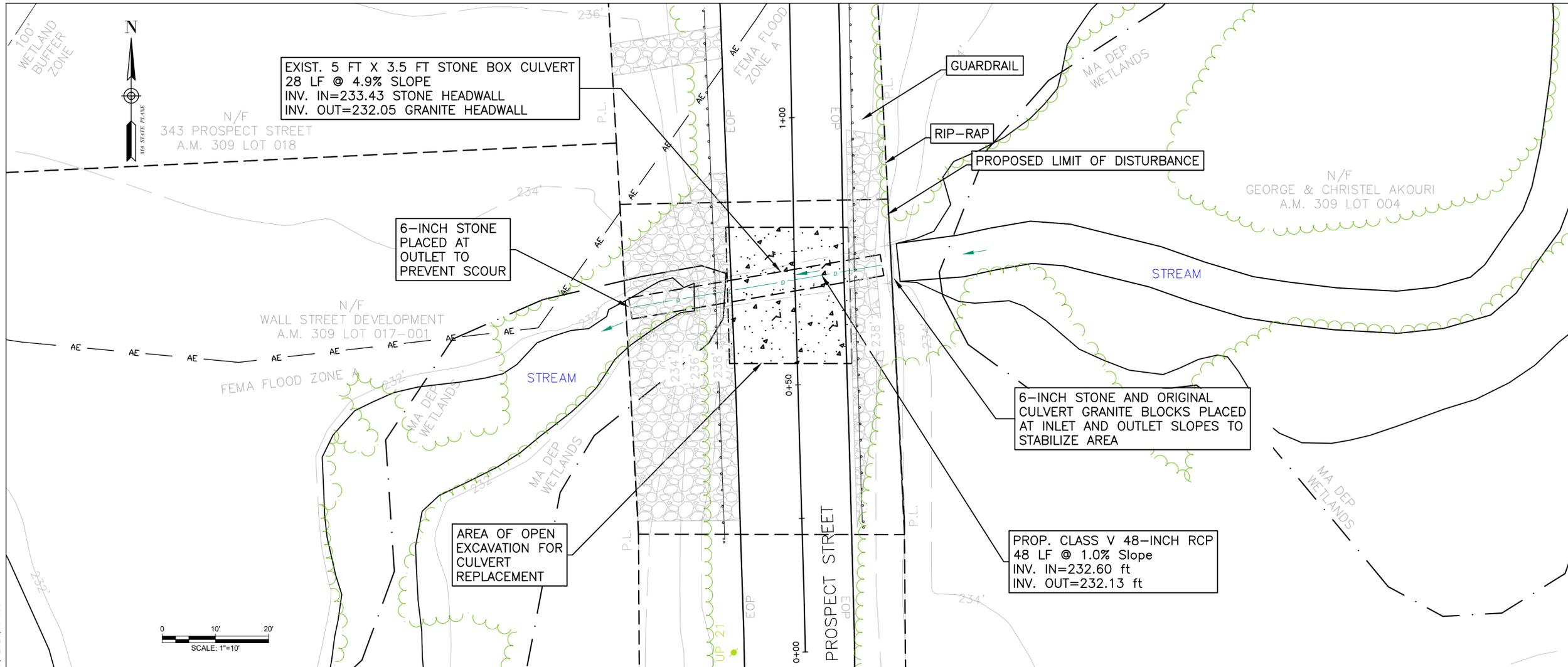
To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Town of Franklin Conservation Commission

RESOURCE AREA IMPACT SUMMARY FORM

**The Franklin Wetlands Protection Bylaw
Franklin Town Code Section 181**

Resource Area	Alteration Proposed (temporarily disturbed)	Mitigation Proposed
Bordering Vegetated Wetland (SF)	328	328
Bank (LF)	117.5	117.5
Land Under Water Bodies (SF)	94	94
Isolated Wetland (SF)	0	0
Vernal Pool (SF)	0	0
Buffer Zone (SF)	3125	3125
Riverfront (SF)	3125	3125
(SF) = Square Feet (LF) = Linear Feet		

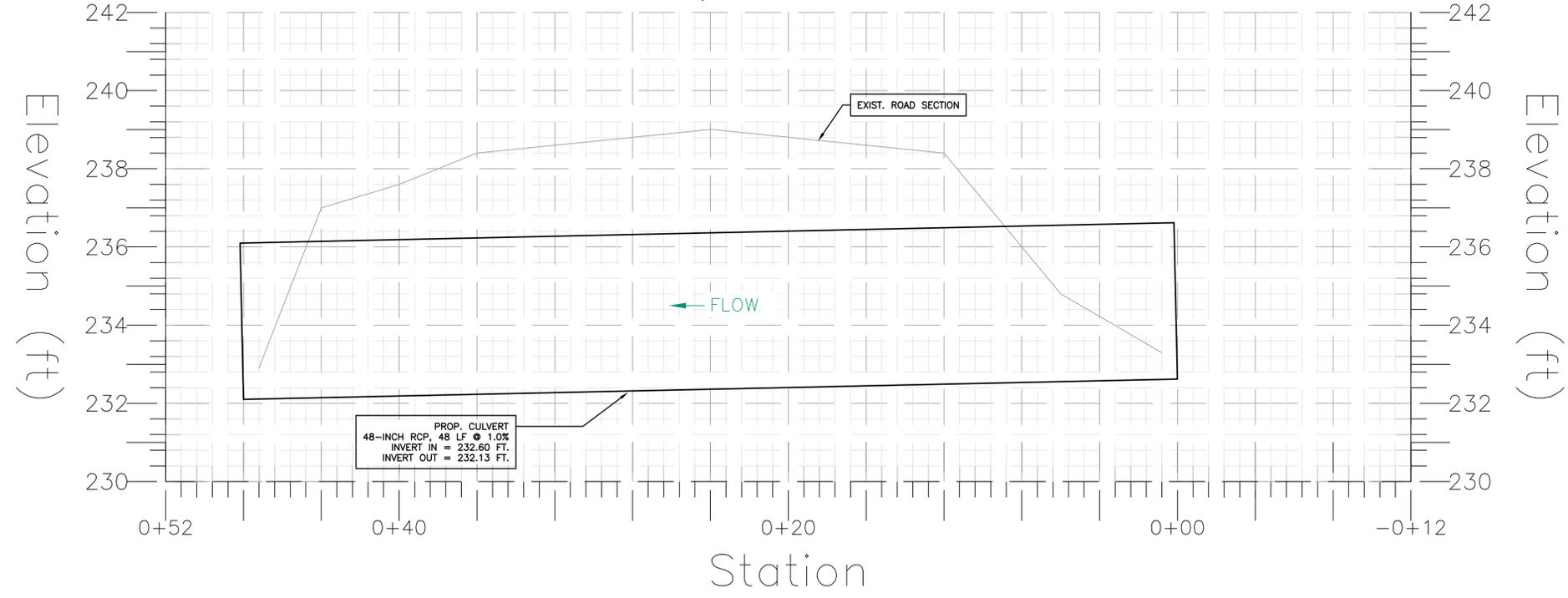


LEGEND:

---	LIMIT OF DISTURBANCE
150	EXIST. CONTOURS
---	EXIST. PROPERTY LINE
---	EXIST. WATER FEATURE
---	EXIST. EDGE OF PAVEMENT
---	EXIST. ROAD CENTERLINE
---	EXIST. TREELINE
---	EXIST. CULVERT
---	PROPOSED CULVERT
---	MA DEP WETLANDS
---	100' WETLANDS BUFFER
---	200' RIVERFRONT BUFFER
AE	FEMA FLOOD ZONE A
---	PROPOSED GUARDRAIL
---	PROPOSED RIPRAP

NOTE: 100-FOOT WETLANDS BUFFER & 200-FOOT RIVERFRONT BUFFER NOT VISIBLE BUT ENCOMPASS ENTIRE AREA.

Profile View of Prop. 48-inch RCP Culvert



NOTES:

- ALL BASE MAP FEATURES SHOWN WERE COMPILED USING AVAILABLE RECORD PLANS AND FRANKLIN GIS RECORDS AND ARE APPROXIMATE ONLY.
- CONTRACTOR CONTACTED DIG-SAFE PRIOR TO STARTING WORK.
- EXISTING DATUM ELEVATIONS SHOWN ARE BASED ON TOWN OF FRANKLIN GIS DATA.
- MECO UTILITY POLE #21 (SOUTH OF CULVERT) = STA. 0+00

SCOPE OF WORK:

- CONSERVATION COMMISSION WAS NOTIFIED OF FAILING CULVERT AND NECESSITY OF EMERGENCY WORK.
- INSTALLED COFFERDAMS TO ISOLATE EXISTING CULVERT.
- PUMPED WATER DOWNSTREAM TO BYPASS THE CULVERT USING HOSES ENTRENCHED ACROSS ROADWAY.
- EXCAVATED ROADWAY AND REMOVED EXISTING CULVERT.
- GRADED AND COMPACTED BASE, INSTALLED 48 FT OF 48-INCH CLASS V RCP.
- STABILIZED INLET/OUTLET SLOPES USING 6-INCH STONE AND GRANITE, REMOVED COFFERDAMS TO RESUME FLOW.
- PAVED EXISTING ROADWAY W/ 2-INCH BINDER COURSE & 1.5-INCH TOP COURSE.
- RE-OPENED ROADWAY TO TRAFFIC.
- NOTIFIED CONSERVATION COMMISSION OF COMPLETION OF WORK.

REFERENCES:

- 1) AXISGIS.COM/FRANKLINMA CONTOUR MAP

Note: Profile view is not to scale.

	ENGINEERING DIVISION TOWN OF FRANKLIN DEPARTMENT OF PUBLIC WORKS		
	PROSPECT ST CULVERT EMERGENCY REPAIRS		

PROJECT MANAGER	DATE	REVISED	SHEET
MM	10/11/24	12/6/24	1
DESIGNER	DRAWN BY	REV BY	OF
EG	EG	BM	1

S:\DPW_Engineering\Projects\Prospect St\Culvert Replacement Near Lake St 2024\Plans\Prospect Culvert 2024.dwg Dec 09, 2024, 9:00am