

Completed

September 2022 – June 2024



The project team was able to develop **preliminary designs (30%) for the tide gate repair**, which were successfully utilized during the City’s Pre-Filing meeting with Regulatory Agencies.

The City of Revere has been working to reduce flooding in the Diamond Creek Catchment Area since September 2022. A study of the drainage area was completed in 2023, and the repair of the Martin Street Tide Gate was identified as a priority project to move forward.

Between September 2023 and June 2024, the following work was completed in support of repairing the tide gate:

- Topographic Survey
- Wetland Delineation
- Geotechnical Borings
- Soil Sampling
- Bathymetric Survey
- Sediment Sampling

This Phase

July 2024 – June 2025



Presently, the City is working towards reaching **advanced design (75%) for the tide gate repair**. This will include:

- Additional Geotechnical Borings
- Groundwater Monitoring
- Tidal Water Level Data Collection

As the design is being advanced, the permitting applications for the tide gate repair will be prepared and submitted to Regulatory Agencies. This work has an estimated completion date of June 2025.



Tide gate photo by Weston & Sampson

What’s Next

July 2025 – June 2027

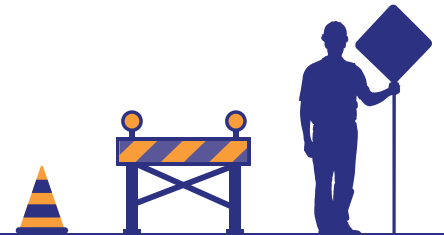


Following the approval of all submitted permit applications, the project team will progress to **final design (100% contract documents)**. This work has an estimated completion date of June 2026.

The City of Revere can then proceed to the construction phase for the tide gate repair. The City hopes to begin construction mid-2026, with work being complete by June 2027.

The repair of this tide gate is anticipated to help mitigate flooding in the Diamond Creek Catchment Area and will provide many environmental benefits to Rumney Marsh.

i For more information, check out the Revere Engineering website using the links on the back of this brochure.



September 2022
The City begins the Diamond Creek Catchment project

June 2024
Preliminary design was developed


June 2025
Advanced design complete and permitting applications submitted (estimate)

June 2026
Final design complete (estimate)


Mid-2026
Begin construction (estimate)

June 2027
Construction complete (estimate)


Project Overview




The City of Revere is working with consultants from Weston & Sampson to **improve the Martin Street tide gate and outfall to Rumney Marsh.**



Design, permitting, and community engagement are expected to occur through June 2025.



The Diamond Creek Catchment Climate Resilience Improvements – Tide Gate Design and Permitting Project is funded by the Municipal Vulnerability Preparedness grant program and **will help to reduce flooding and protect the community.**



Scan the QR code or visit the link to access **Revere's Engineering website**
tinyurl.com/RevereEngineering



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MVP
Municipal Vulnerability Preparedness

Weston & SampsonSM



The Diamond Creek Catchment **Climate Resilience Improvements** Tide Gate Design & Permitting Project

