

Peabody-Salem Resilient North River Riverwalk Study



Project Summary

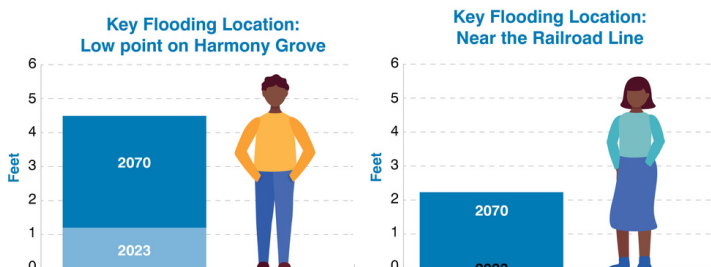
Peabody was awarded a Municipal Vulnerability Preparedness (MVP) Action Grant FY22 from the Massachusetts Executive Office of Energy & Environmental Affairs (MassEEA) to work with Salem to address a gap in the region's expanding multi-use path network, conceptually design a multi-use path for this gap, and bring renewed focus to the North River Corridor's vulnerability to climate change impacts. This project has evaluated climate change impacts for the project area located along the North River between Howley Street in Peabody to Grove Street in Salem and has identified potential nature-based solutions for bank stabilization and restoration, as well as the multi-use path.

Goals

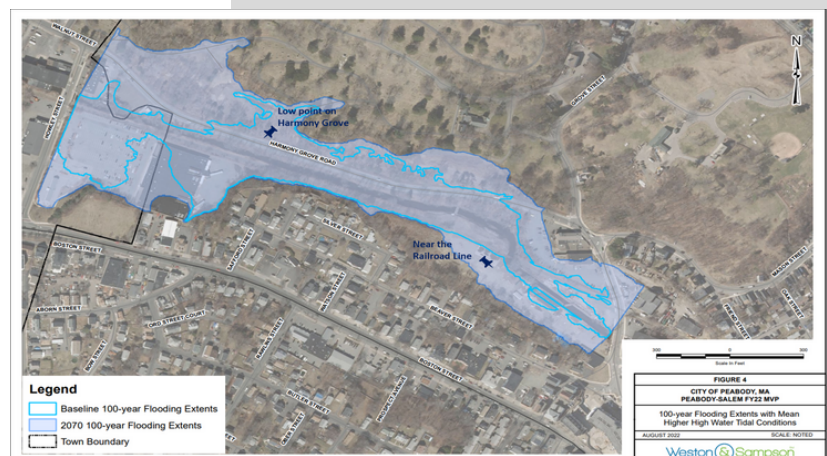
- Connectivity and public access
- Revitalization of corridor
- Climate resilience
- Ecological protection and restoration

Climate Impacts

A key component of this study is to evaluate flood vulnerability from both tidal influences and rainfall, as well as to evaluate strategies to stabilize eroding streambanks of the North River.

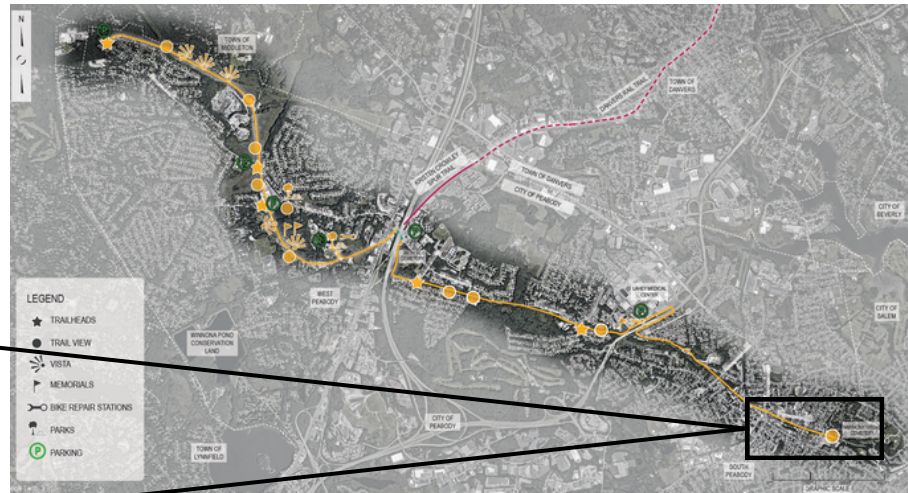


FLOODING EXTENTS WITH STORM SURGE



Greenway Riverwalk

The Riverwalk will link Peabody's Independence Greenway with Salem, helping to connect segments of the national East Coast Greenway and the Border to Boston Trail, with the ultimate goal of connecting Peabody Square to the Salem MBTA Commuter Station.

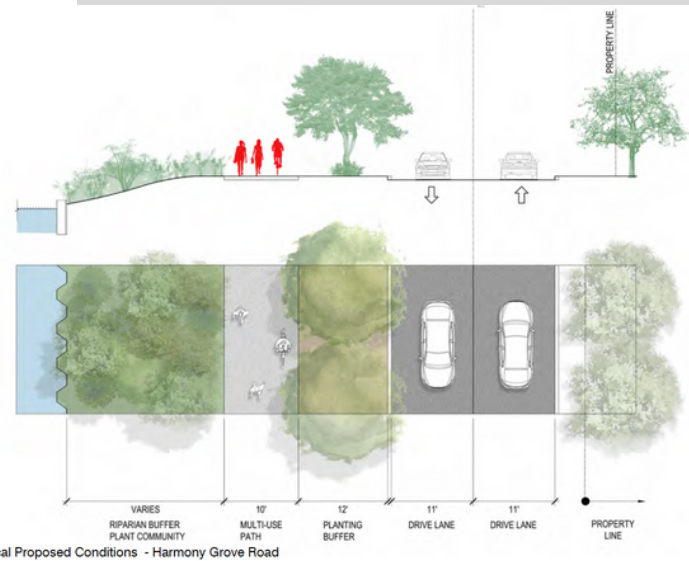


Riverwalk Design Options

The conceptual design of the North River Riverwalk includes a floodable pathway surrounded by native vegetation. A row of trees along the bike path and walkway will create a buffer from the road.

The design and the riverwalk, itself, supports Peabody's and Salem's climate goals:

- Providing options for low carbon transportation via biking and walking
- Emphasizes natural systems to mitigate climate impacts and create value



Benefits of Nature-based Solutions

- Reduce and protect streambanks from erosion
- Accommodate storm and flood waters
- Reduce heat island effects
- Provide green open space for residents to enjoy
- Create native habitat

For more information and to register for the public meeting on May 18th, please visit the Resilient North River public input page: <https://PublicInput.com/ResilientNorthRiver>