



ResilientWoodsHole Interactive Map Notes

February 9, 2022 – March 13, 2022

IMPORTANT FEATURES

- Oyster Pond Rd and Faye Rd as a throughway
- Church St at Nobska Pond – access to beach and a throughway
- Bikepath – serves commuters and tourists, supports sewer infrastructure
- Drawbridge – connector for insitutional/recreational/business purposes
- WHCA – community events, high use, historical significance
- Downtown village – businesses, residences, institutions all need eachother
- Candle House – historic building where whale oil was stored
- WHOI/MBL/NOAA – major employers and part of reputation/draw
- NOAA Aquarium
- Town Dock and Boat Ramp – important access to water
- Stoney Beach – important public access
- Woods Hole Park – important for recreation and events, but could help alleviate other impacts
- Millfield St – important for access and highly used
- Quisset Ave and School St – important for access
- Woods Hole Children’s School of Science - historic school building

FLOODING

- Hinckley Rd – access to Juniper Pt
- Little Harbor Rd – access to homes
- Bar Neck Rd and Albatross St – flooded from Buzzards Bay (4-5ft) in 1954 hurricane
- Homes on Mill Pond – large rainfall events can flood basements
- Gardiner Rd – seeing more flooding on an annual basis from storms
- Stoney Beach – erosion of beach and dune is making road and homes more vulnerable
- Spencer Baird Rd – low spot gets stormwater collecting, flooded in 1989
- Gardiner Rd wall – storms are overtopping wall and flooding road and park, in 2018 took a long time to drain



ADAPTATION

- Make research buildings more resilient
- Plan for Woods Hole marsh with planned managed retreat in low areas
- Solar power to run when Eversource grid is down
- Resilient utilities (gas, electric, water)
- Adjust zoning to allow for (and provide design guidelines / aesthetics) creative access solutions (stairs) for elevated buildings
- Reroute bike paths
- Build interior seawalls
- Use private/public conservation easement areas for strategic relocation areas
- Use golf course as a strategic relocation area
- Woods Hole Park/Marsh System
 - Improve water flow and health of the marsh
 - Elevate ball park
 - Increase connection dimensions between Mill Pond and Eel Pond (culverts)
 - Increase height of seawall over time
 - Tide gate connection at sea wall to improve flushing