



Warwick, Rhode Island

End of Road Retrofits

Lessons Learned and Recommendations:

- In areas where the marshes had already eroded, and there was crumbling asphalt, from past hurricanes, we needed to take action.
- It is a challenge to incorporate stormwater management in areas of coastal flooding and high groundwater.
- Be careful to pick the appropriate native plants and plant them at the right time of year.



Before



After

What they did, and why:

In the Summer of 2014, Save the Bay worked with the City of Warwick to remove pavement at the end of five roads that dead-end along Narragansett Bay. These roads were vulnerable to erosion and coastal flooding and conveyed untreated stormwater directly to the bay.

The pavement was removed and stormwater filter strips were installed to slow and filter road runoff. Grasses were planted in the restored coastal area and public access was incorporated at some of the sites to enhance neighborhood access to the shore.

Benefits:

- Reduce stormwater pollution.
- Improve coastal habitat.
- Increase coastal protection.
- Enhance public access and recreation.
- Remove invasive species.
- Less road maintenance.

Cost:

\$5,000-\$10,000 per road, depending on the amount of rock or gravel needed.

The project greatly improved the coastal area, instead of a crumbling road there is now beautiful, protective shoreline people can use to safely access the coast, and there is less pollution from stormwater going into the bay. It was a multiple win project.