ROAD - STREAM CROSSINGS

BARNEGAT BAY WATERSHED

WHAT IS A ROAD - STREAM CROSSING?

A location where a road intersects a natural stream channel and requires a structure to convey water, fish, and wildlife beneath or through the crossing.

QUICK STATS

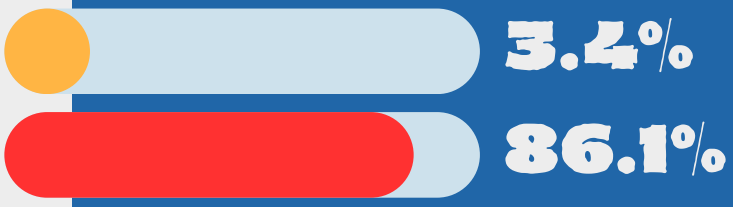
Take a look at the number of crossings that are too small to safely withstand severe rainfall events in our watershed.

177
undersized crossings[1]

115
high flood risk[2]



76% of crossings are high priority for restoration.



These show the percent of crossings evaluated as a **significant barrier** to **aquatic** and **terrestrial** passage.

100 YEAR STORM

A "100-year storm" is a severe rainfall event that statistically has a 1% chance of occurring in any given year.



Severe storm events can cause **flooding** upstream of undersized culverts and **damage infrastructure**. The frequency of large rainfall events has increased, leading to more flooding and infrastructure damage over time.

[1] Number of culverts in Ocean County with insufficient hydraulic capacity to accommodate estimated runoff from a 100-year storm event, based on current precipitation estimates.

[2] Number of undersized culverts with 3 feet or less of fill separating the top of the culvert from the road surface.

ROAD - STREAM CROSSINGS

BARNEGAT BAY WATERSHED



IMPACTS

Undersized culverts can reduce habitat connectivity for fish and wildlife and lead to flooding and infrastructure damage.





THE SOLUTION(S)

Check out resources in our database for funding opportunities to get started on your road - stream crossing restoration today.

FIND YOUR CROSSINGS

Visit our Road - Stream Crossing Database to see vulnerable crossings in your area.

Use the filter functions to identify crossings in need of restoration.



BARNEGAT BAY PARTNERSHIP
RESEARCH · EDUCATE · RESTORE

BARNEGATBAYPARTNERSHIP.ORG

Although the information in this document has been funded wholly or in part by the United States Environmental Protection Agency pursuant to a grant agreement with Ocean County College, it has not gone through the Agency's publications review process and may not necessarily reflect the views of the Agency; therefore, no official endorsement should be inferred. Funding from the Infrastructure Investment and Jobs Act was used for the development of these resources.