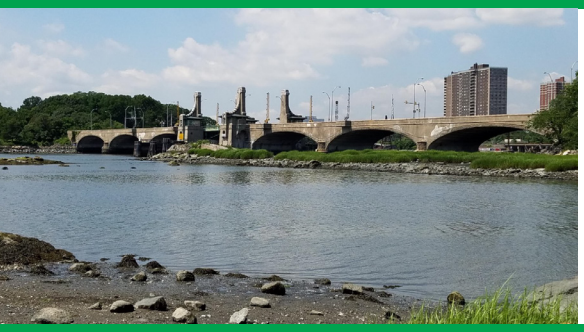
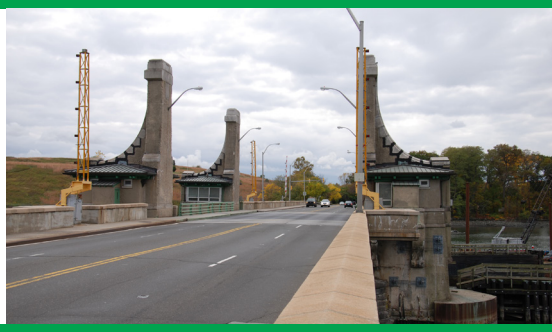
# Shore Road Bridge Project





## Borough of The Bronx, New York

### About the Shore Road Bridge

The Shore Road Bridge, also known as the Pelham Bridge, is an 865-foot long bridge that spans the Hutchinson River within Pelham Bay Park in the northeast corner of the Bronx. Shore Road connects to the Bronx and Pelham Parkway southwest of the bridge, and continues northeast through Pelham Bay Park into Westchester County. The main span over the navigation channel is a drawbridge with three concrete arch spans at each approach. The bridge carries approximately 17,000 vehicles per day on four travel lanes; pedestrians and bicycles share a narrow sidewalk.

In the closed position, the Shore Road Bridge provides only 13 feet of vertical clearance above the river, making it one of the most frequently opened movable bridges in New York City. In 2019 it had 862 openings, followed by 672 in 2020 and 601 in 2021, a reduction due to the global pandemic. The marine traffic is virtually all commercial, consisting of barges carrying home heating oil, scrap metal and construction material. Underneath the bridge, the navigation channel provides only 59 feet of horizontal clearance for the large vessels to pass through.

Built in 1908, the bridge has reached the end of its useful life. Interim repair and rehabilitation have enabled the bridge to remain in service, but it cannot accommodate the vehicle types and loads of today and its operating systems are not up to current code. The bridge also has non-standard geometric and design features, including narrow lanes, no shoulders, and insufficient pedestrian and bicycle facilities. The New York City DOT is working to address all of these bridge concerns.

To address the challenges resulting from a rapidly changing climate, The New York City DOT is working to ensure that the Shore Road Bridge Project will be planned and designed to withstand climate impacts through its entire useful life. To this end, the Shore Road Bridge has been selected as a pilot project to meet the goals and objectives of New York City Climate Resiliency Design Guidelines. Using these guidelines, the New York City DOT is providing an ongoing assessment of bridge vulnerability to climate hazards of extreme heat, sea level rise, tidal inundation, coastal flooding, and heavy precipitation, and provide resilient design strategies to mitigate climate risk.

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*For more information about NYC climate resiliency design guidelines, please visit on.nyc.gov/3BRy22W or scan QR code at right*

*Visit the Shore Road Bridge project website at shoreroadbridgebx.com or scan QR code at right*

**For additional information:**

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