

Foundation Piles

A Solid Foundation for the Future



The New NY Bridge is designed to last a century without the need for major structural repairs. This kind of durability can only be achieved with a solid foundation. The new bridge will be supported by approximately 1,000 massive steel pipes—called piles or pilings—that measure anywhere from 36- to 72-inches in diameter. They are manufactured for each specific location, driven deep into the subsoil of the river bottom, then filled with steel-reinforced concrete.

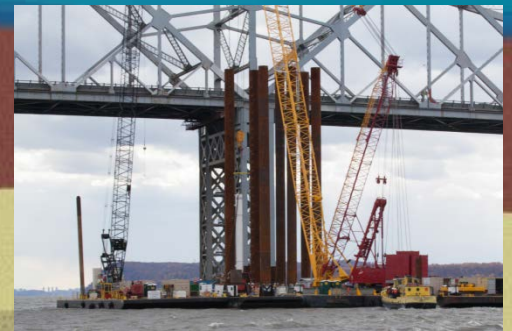
Crews have begun installing the permanent pilings, which are being delivered to the construction site via barge. The majority of concrete used in the piles for the bridge will be mixed on a floating batch plant on site to reduce the need for delivery by trucks on local roads.

Pile driving typically takes place between 7 a.m. and 7 p.m. on weekdays, and occasionally between noon and 7 p.m. on Saturdays. Strict noise limits are in place. Mitigation measures include noise shrouds, monitoring stations, and bubble curtains to protect aquatic life.

For more information, please visit NewNYBridge.com and click on UPDATES.



Piles mid-river en route to the New NY Bridge project.



Piles are placed utilizing large floating cranes.



Once driven deep into the soil beneath the riverbed, these steel-pipe piles will be filled with steel-reinforced concrete.



A 72-inch pile in place.

