



Pittsburgh Pipe

HELPING TO BUILD AMERICA



THE CHALLENGE

The site of the largest private real estate development in the history of the United States, the Hudson Yards Project, is located above 30 active Long Island Rail Road train tracks, three subsurface Amtrak rail tunnels and a New Jersey passageway for the Gateway tunnel. Necessary to New York's public and non-public transportation systems, these assets wouldn't and couldn't be removed. The challenge for developers was how to move forward with the project while keeping the existing uses in place underneath. How is that possible, you ask?

THE SOLUTION

Designers and architects proposed building the massive project on a platform over the existing land use and then building a development on top of that platform. The foundation for this massive building platform is the key to the entire development. This platform and the buildings to be built above it are supported by a total of 300 caissons, ranging from three to eight feet in diameter and 20 to 80 feet in depth, drilled deep into bedrock at strategic locations between existing railroad tracks and then filled with concrete. Oh, who is the vendor who manufactured and supplied these 300 caissons to support a city within a city in the biggest city in America? Well that would be none other than Pittsburgh Pipe!



SUPPORT FROM PITTSBURGH PIPE

Beginning in 2014, Pittsburgh began the meticulous process of manufacturing these caissons to the exacting specifications of the developer. Many of these caissons contain turning slots, picking eyes, grout holes and cutting teeth. The photo to the right depicts some of our caissons being off loaded at the job site in Manhattan. Throughout all the project's construction, the Long Island Rail Road, Amtrak and New Jersey Transit remained operational. It is anticipated that more than 24 million people will visit Hudson Yards every year. The site will ultimately include more than 17 million square feet of commercial and residential space, 5 state-of-the-art office towers, more than 100 shops, a collection of restaurants, approximately 5,000 residences, a unique cultural space, 14 acres of public open space, a 750-seat public school and an Equinox® branded luxury hotel with approximately 200 rooms—all offering unparalleled amenities and easy access to transportation for residents, employees and guests. This massive project is literally being supported by Pittsburgh Pipe.

