

An aerial photograph of a large-scale construction site. In the foreground, several silver passenger trains are parked on tracks. The middle ground shows a large area of brown earth with several yellow construction vehicles, including excavators and a concrete mixer. To the left, there are rows of precast concrete slabs. In the background, there are various buildings, a parking lot, and a waterfront area with boats. The entire image is overlaid with a semi-transparent green grid pattern.

Gateway Development Commission

Board Meeting

February 3, 2025

Agenda

Construction Progress

Manhattan Tunnel Project Overview

Manhattan Tunnel Project Contract Award

Action Items

The background features a light green color with various decorative elements: a stepped line at the top, a wavy line below it, a zigzag line at the bottom, and several horizontal lines of varying thicknesses. The text is centered in the middle of the page.

Construction Progress

Hamed Nejad, Acting CTO

Tonnelle Avenue Bridge and Utility Relocation Project

Construction Progress



Work has started in the middle portion of Tonnelle Avenue, with traffic shifted to enable construction. The utility bridge foundation footing is in progress, with the first mud slab poured last week. Gas main work on the eastern side of the site will begin shortly.

Hudson Yards Concrete Casing – Section 3 (HYCC-3)

Construction Progress



The last of 337 secant piles was installed on the northern side of the HYCC-3 site. As the project turns it focus to excavation, the first ten feet of the excavation to install the cut-and-cover tunnel has started on the west end of the site.

Hudson River Ground Stabilization Project (HRGS)

Construction Progress



Season 1 of in-water activities has now concluded, with work continuing drilling hundreds of columns within the cofferdam. The mobile wall was successfully relocated last week. Coring operations, obstruction removal, and deep soil mixing on the western side of the site are ongoing.

Palisades Tunnel Project

Construction Progress



Preparatory work is in progress, including erosion control measures, rock and environmental borings, clearing, and monitoring instrumentation installation. Haul route construction is expected to begin at the end of February.



Manhattan Tunnel Project Overview

Manhattan Tunnel Project Overview

Purpose: Build roughly 700 feet of tunnel from the Manhattan bulkhead to the cut-and-cover Hudson Yards Concrete Casing, remove obstructions that could slow or damage TBMs, and build the access shaft that will remove TBMs when they reach Manhattan

Expected Duration: Spring 2025 – 2029



Key Elements of Work:

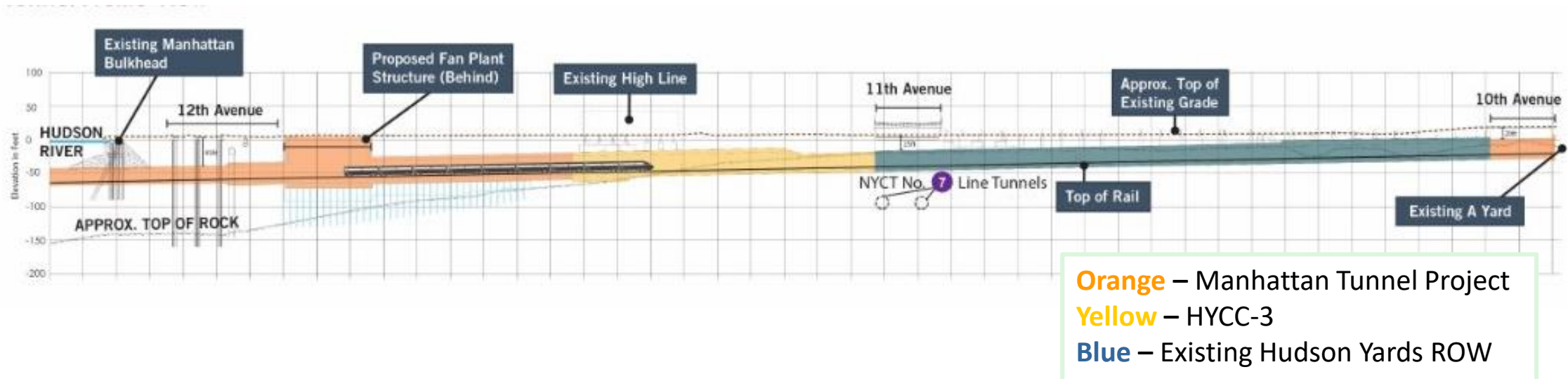
- Design and build approximately 700 feet of twin 30-foot diameter tunnels
- Construct an access shaft at 12th Avenue (will be converted into a permanent ventilation facility for the tunnel)
- Protect and support existing features, including the Bulkhead, skyscrapers at Hudson Yards, and sewer lines
- Clear obstructions in historic fill and pile foundations from West Side Highway collapse and existing sewer utilities

Proposed Construction Approach

To accommodate the complex tunnelling activities involved in the Manhattan Tunnel Project, the selected contractor has proposed excavating the tunnel using a combination of **Sequential Excavation Method (SEM)** and a **protective digging shield**.

Benefits of the Proposed Approach:

- Most tunneling activity takes place underground
- Minimizes impacts on surface roads and sidewalks
- Improves safety for construction workers and the community





Manhattan Tunnel Project Contract Award

Anthony Gardner, Deputy Chief of Procurement

Contract Award: Contract GDC-25-007-HTP

- Three proposals submitted by shortlisted teams
- Proposals reviewed by an Evaluation Panel consisting of technical experts and representatives from GDC, the State of New York, NJ TRANSIT, the Port Authority of New York and New Jersey, and Amtrak
- Frontier-Kemper-Tutor-Perini JV selected through competitive evaluation of technical and price proposals
- Award of full contract price of \$1,177,700,000 along with approval of Market Case Estimate following PDA guidelines
- Simultaneous approval of Notice to Proceed

PUBLIC COMMENT PERIOD



Action Items

Tom Prendergast, CEO

Action Items

Item #0225-01: Authorization of Award of Contract GDC-25-007-HTP, Performance of Expert Professional Design-Build Services for the Manhattan Tunnel Project.

Item #0225-02: Approval of Market Case Estimate for the Manhattan Tunnel Project.

Item #0225-03: Hudson Tunnel Project – Manhattan Tunnel Project – Authorization to Execute Memorandum of Understanding to Project Labor Agreement.

Item #0225-04: Hudson Tunnel Project – New Jersey Surface Alignment (P3) Project – Authorization of Stipend Program.



GATEWAY DEVELOPMENT COMMISSION