

Gateway Development Commission

Board Meeting

AUGUST 20, 2025



Agenda

Construction Progress Update

Tunnel Boring Machine Update

Action Items



Construction Progress Update

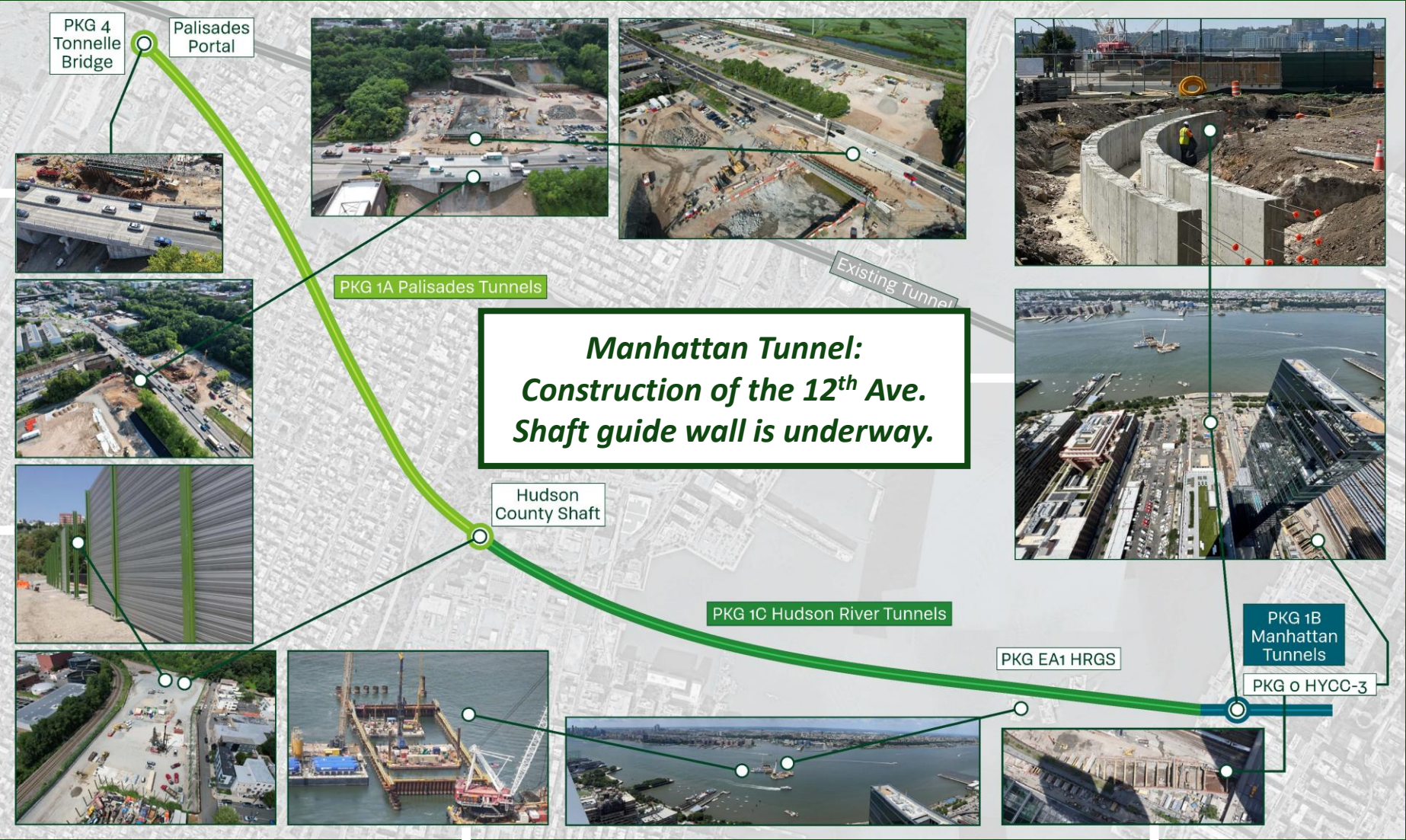
Tom Prendergast, Chief Executive Officer

Tonnelle Ave: The east and western sides of Tonnelle Ave. are being connected

Palisades Tunnel: Noise barrier installation began at the Hudson County Shaft site.

HRGS: Mobile wall relocation is underway. 306 primary columns and 233 secondary columns have been mixed.

HYCC-3: The first mud slab was poured and rebar installation began.



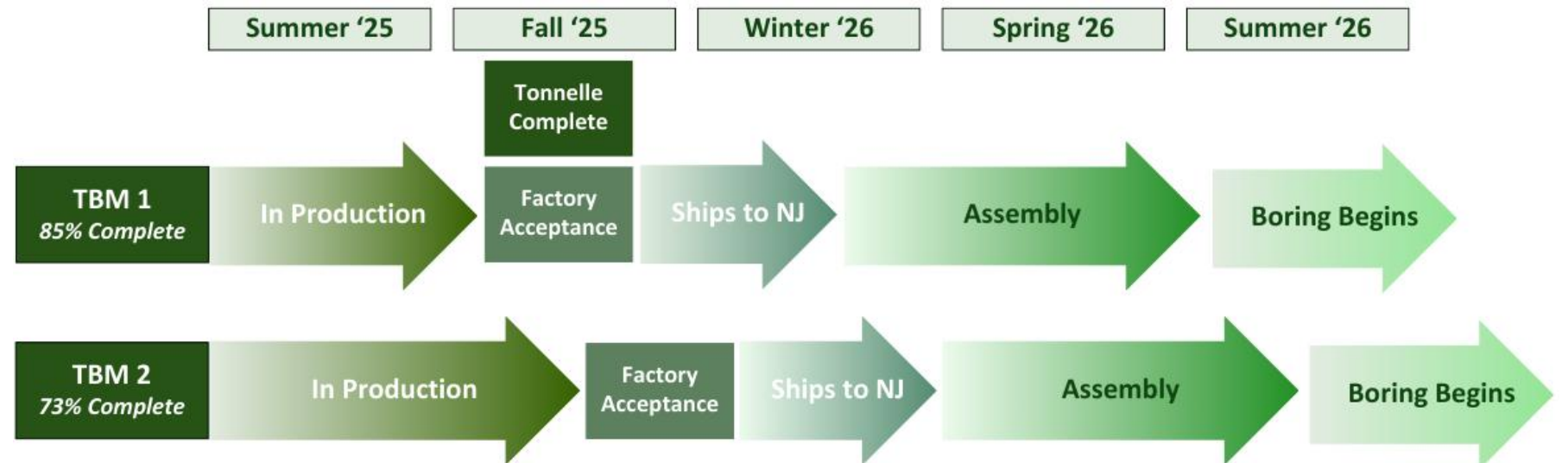
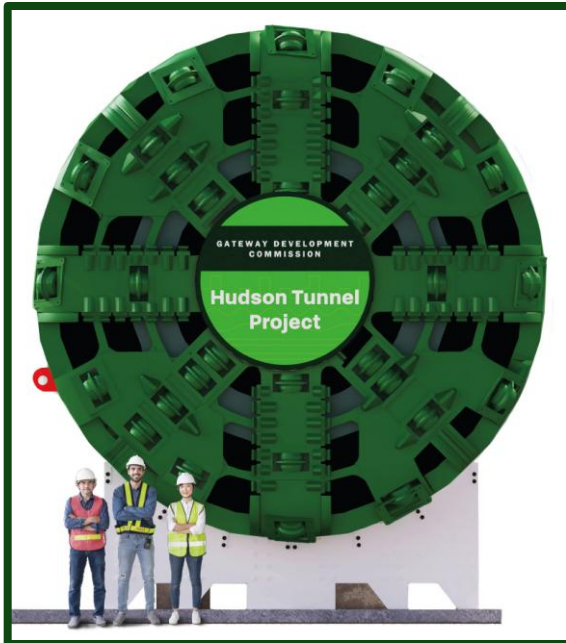


Tunnel Boring Machine Update

Tunnel Boring on Schedule for 2026

Tunnel boring is on track to begin in 2026.

The Tonnelle Avenue Project will be complete this fall and manufacturing of the two machines that will dig the first section of the tunnel is nearly finished.



Single Shield Tunnel Boring Machines

We are using single shield tunnel boring machines (TBMs) to build the section of the new tunnel in New Jersey.

Single shield TBMs are the most efficient for tunneling through hard, dry materials like the rock under the Palisades.

Massive Machines for Efficient Tunneling

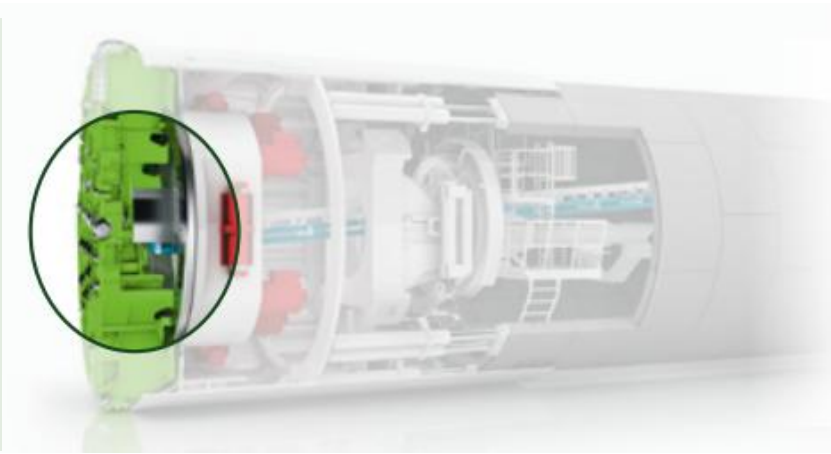
- Diameter: 28 feet, 7 inches
- Length: 500 feet
- Weight: 1,680 tons
- Advance Rate: 30 feet of new tunnel per day



Building with Tunnel Boring Machines

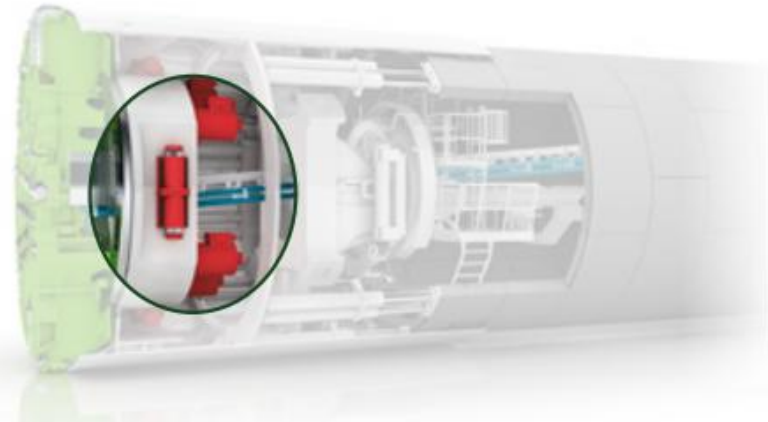
1

Excavation



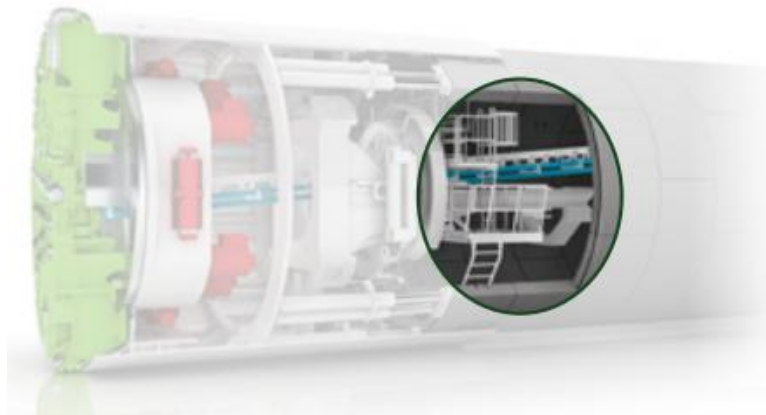
2

Removal



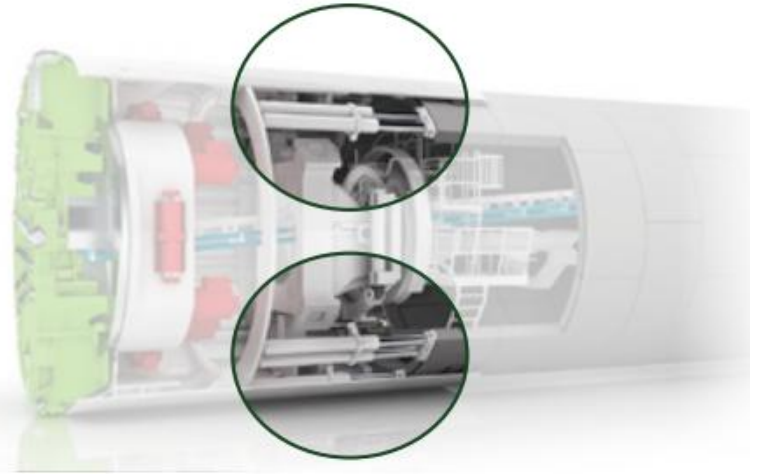
3

Tunnel Lining
Installation



4

Thrust



Tunnel Boring Machine Manufacturing

S-1431/1432A in assembly for the Palisades Tunnel Project

Shield



Shield



Cutter Head



Tunnel Boring Machine Manufacturing

S-1431/1432A in assembly for the Palisades Tunnel Project



Preparing for the Arrival of the Tunnel Boring Machines

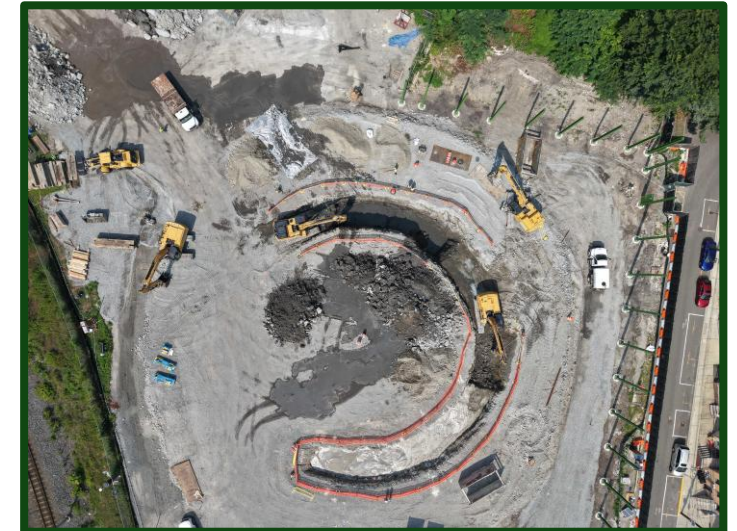
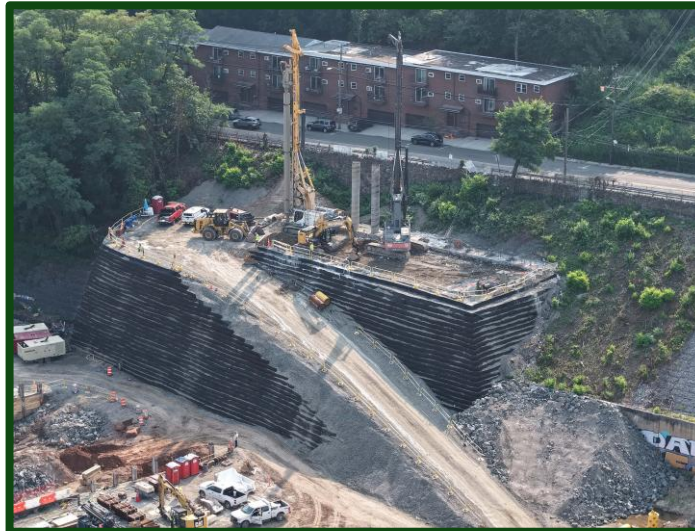
Palisades Portal

- Roadway bridge creating access to TBM launch site will be completed in October
- Construction of the launch point for the TBMs is in progress
- TBMs will be assembled on site in 2026



Hudson County Shaft

- Access shaft that will be used to replace the TBMs that build the tunnel under the Palisades with machines optimized for conditions under the Hudson River
- This shaft will be 130 feet wide to enable removal of the TBMs





Action Items

Tom Prendergast, Chief Executive Officer

Pat McCoy, Chief Financial Officer

Action Items

Item #0825-01: Hudson Tunnel Project – NJ Surface Alignment – Authorization to Execute Labor Agreement.

Item #0825-02: Authorization of Award of Contract GDC-25-029-OP for Engineer of Record Services and Engineering Services During Construction to Support the Hudson Tunnel Project.



GATEWAY DEVELOPMENT COMMISSION