



# Capital Program Update

## Presentation to MTA Board

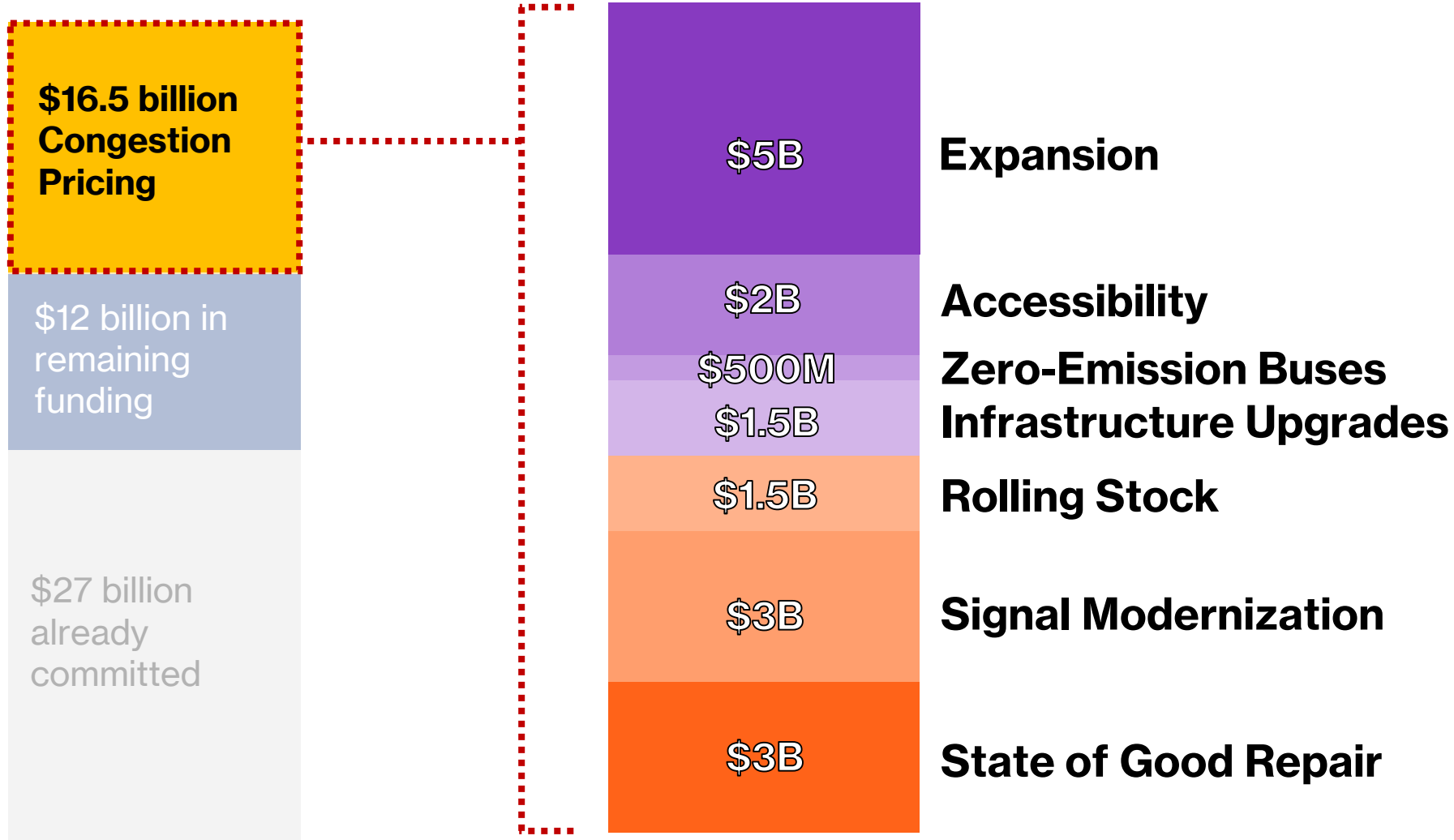
November 18, 2024



**Construction & Development**



# Congestion pricing supports critical projects





# Expansion

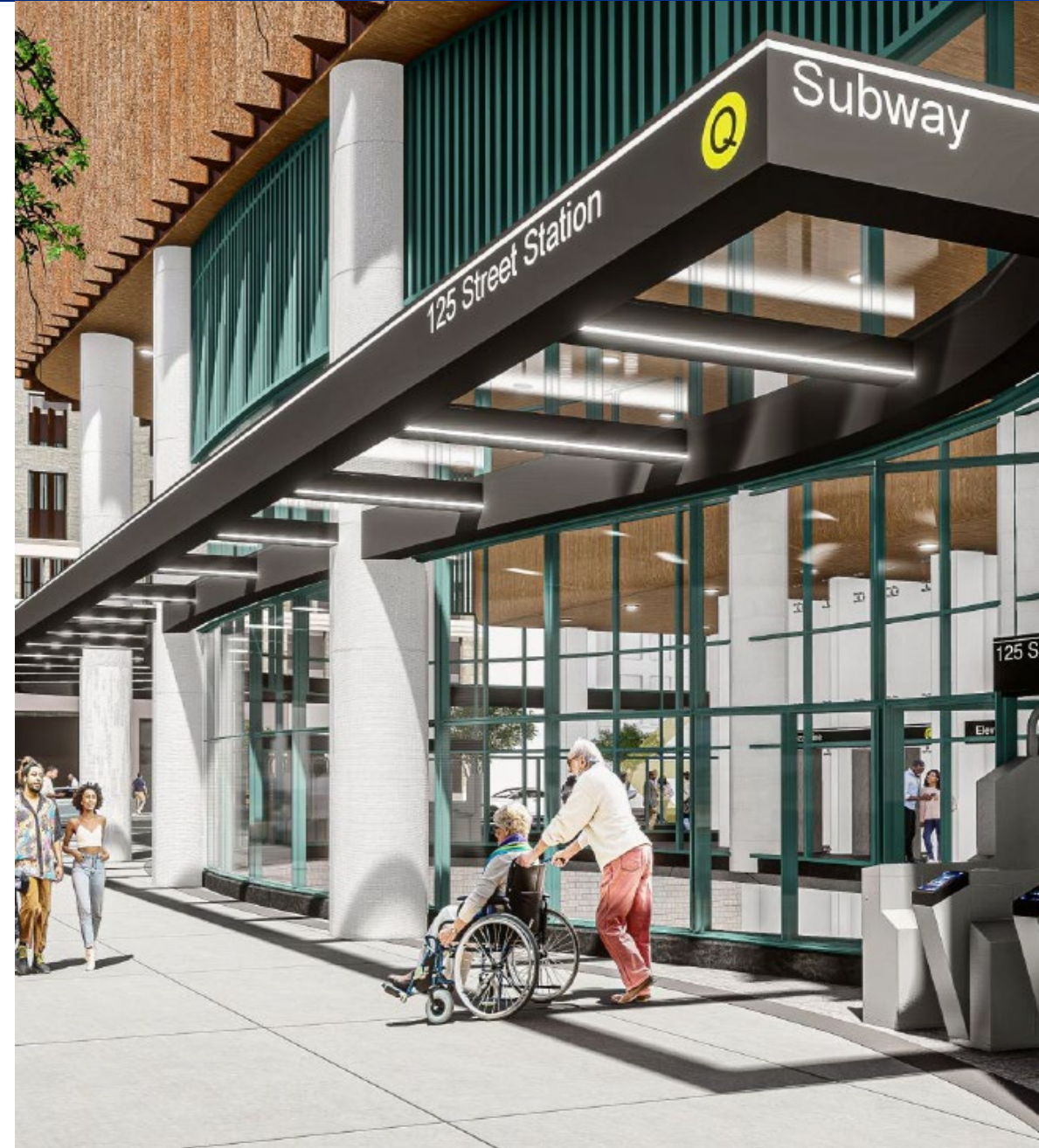
Second Avenue Subway Phase 2 will move forward.

**Impact: \$5 billion\***

## Immediate Actions:

- Reactivate first major contract for Tunnelling – shortlist & December RFP
- With State support, Early Utility Relocation Contract is underway

*\*\$3 billion in MTA local funding and \$2 billion in federal support included in 2020-2024 Capital Plan. Additional funding in the 2015-2019 Plan is also available.*



# Accessibility

The final 23 ADA stations of the 20-24 Plan can begin to move forward.

**Impact: \$2 billion**

## Immediate Actions:

Packages of already-designed stations to begin procurement, including:

- 42 St-Bryant Park **BDFM7**
- 145 St **ABCD**
- 110 St **6**
- Wakefield-241 St **2**
- Briarwood **EF**
- Parsons **F**





# Zero-Emissions Buses

Both buses and depot charging infrastructure will proceed.

**Impact: \$500 million**

## Immediate Actions:

- Order 250+ more electric buses by end of 2024
- Build out accompanying bus depot charging infrastructure





# Upgrades to Infrastructure & Technology

Valuable upgrades and system improvements will proceed.

**Impact: \$1.5 billion**

## Immediate Actions:

- Resume procurements on Verrazzano-Narrows Bridge ramp reconstruction and main cable dehumidification





# Rolling Stock

More support for replacing aging railcars throughout the system.

**Impact: \$1.5 billion**

## Immediate Actions:

- Purchase new dual-mode locomotives for LIRR



# Signal Modernization

Signal upgrades & state of good repair work to replace 1930s-era signals on the **AC** and **BDFM** lines will proceed.

**Impact: \$3 billion**

## Immediate Actions:

- Restart Fulton Line **AC** procurement (and bundle the Liberty Line **A**)





# State of Good Repair

Critical state of good repair projects are now able to proceed as well.

**Impact: \$3 billion**

## Immediate Actions:

- Restart station reconstruction and ADA upgrades at Hollis LIRR
- Procurement for subway station renewals at Briarwood **EF**





# State of Good Repair

This all builds on the State of Good Repair work we advanced even during the pause.

## Recent Actions:

- Awarded Phase 2 of the Park Avenue Viaduct
- Awarded State of Good Repair / ADA at 3 Bronx Metro-North Stations
- Awarded Village Substation rehabilitation





# Building toward 2025-2029



**Expansion**  
Interborough Express



**Accessibility**  
60+ more stations



**Infrastructure & Technology**  
Hudson Line protection



**Zero-Emissions Buses**  
500 more buses



**Infrastructure & Technology**  
Fare gates at 150+ stations



**Rolling Stock**  
2,000 new train cars



**Signal Modernization**  
75 more miles



**State of Good Repair**  
80+ substations repaired

# MTA is delivering better, faster, and cheaper

Since its creation, MTA C&D has transformed the way we deliver projects



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## BETTER

- Smarter scope & design
- Innovation through Design-Build, P3s, A+B
- Focus on project management

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## FASTER

- Bundle projects for economies of scale/geography
- Incentivize contractors & consultants
- Better coordination with labor & utilities

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## CHEAPER

- Limit over-customization
- Improve outage & force account planning
- Reduce cost drivers like insurance



# Program-wide, we've seen results



**\$900 million**  
contractor savings versus estimate since 2020

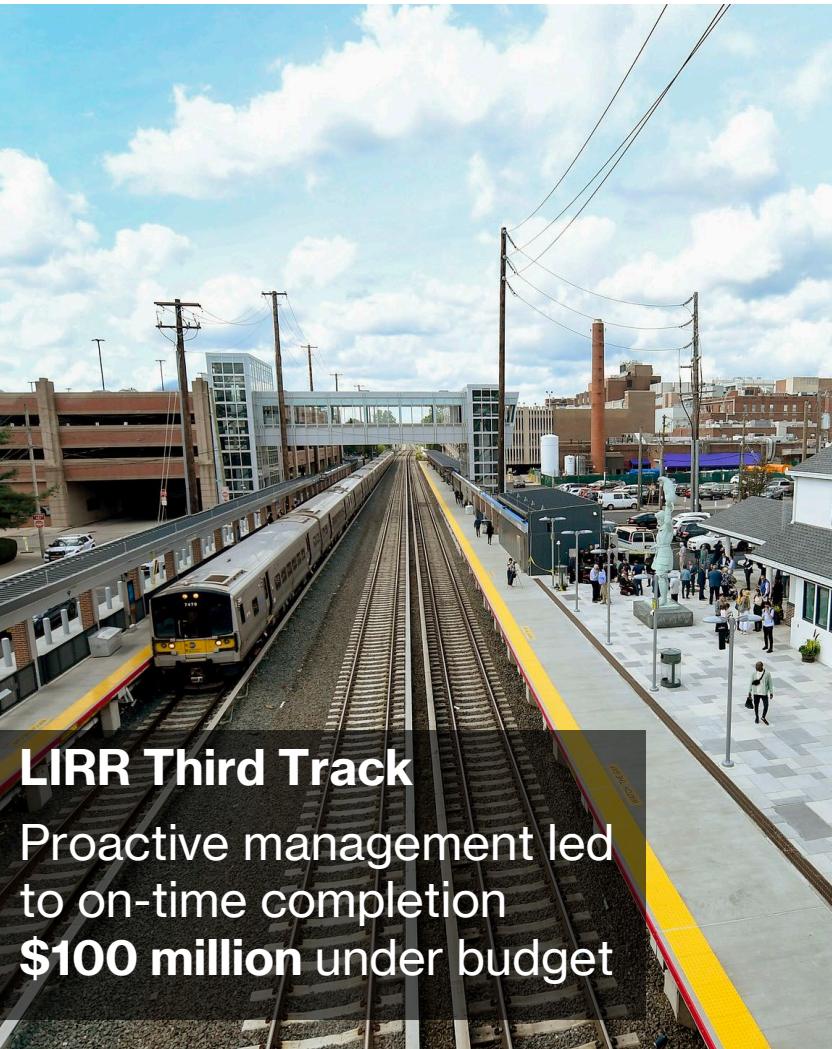
**\$395 million**  
insurance savings in 2022 and 2023

**\$200 million**  
force account reductions annually

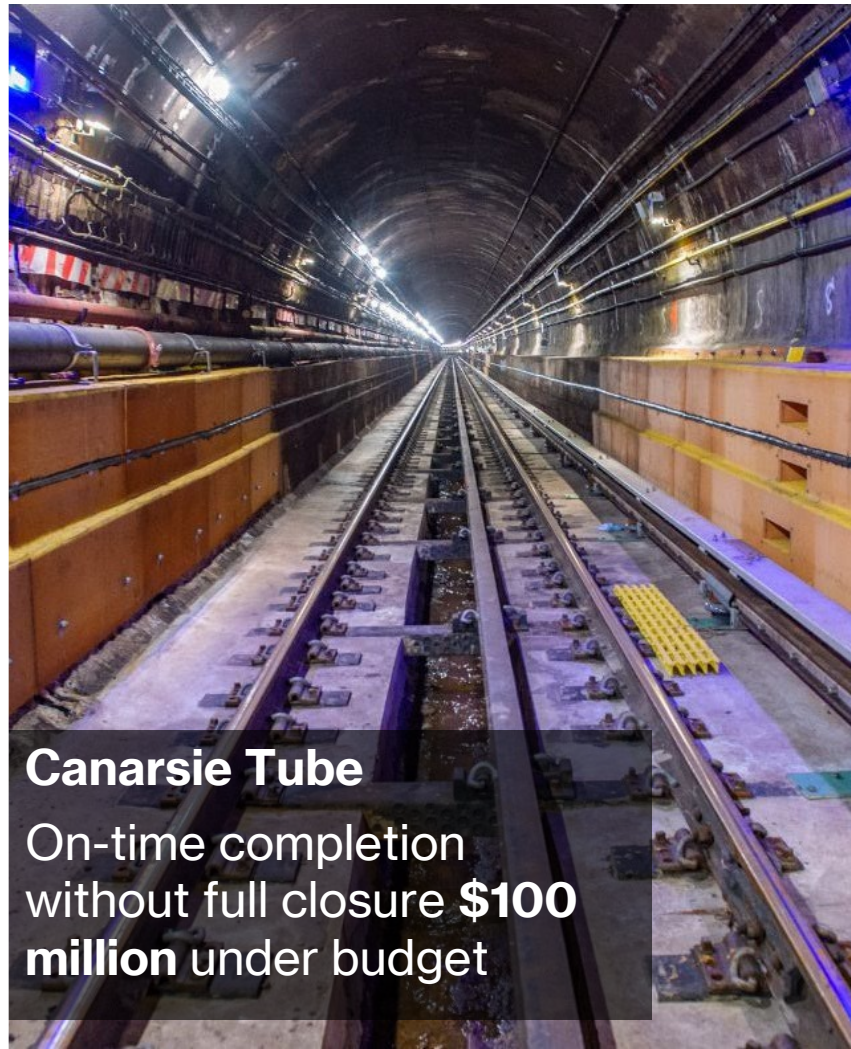


# Recent projects have seen savings

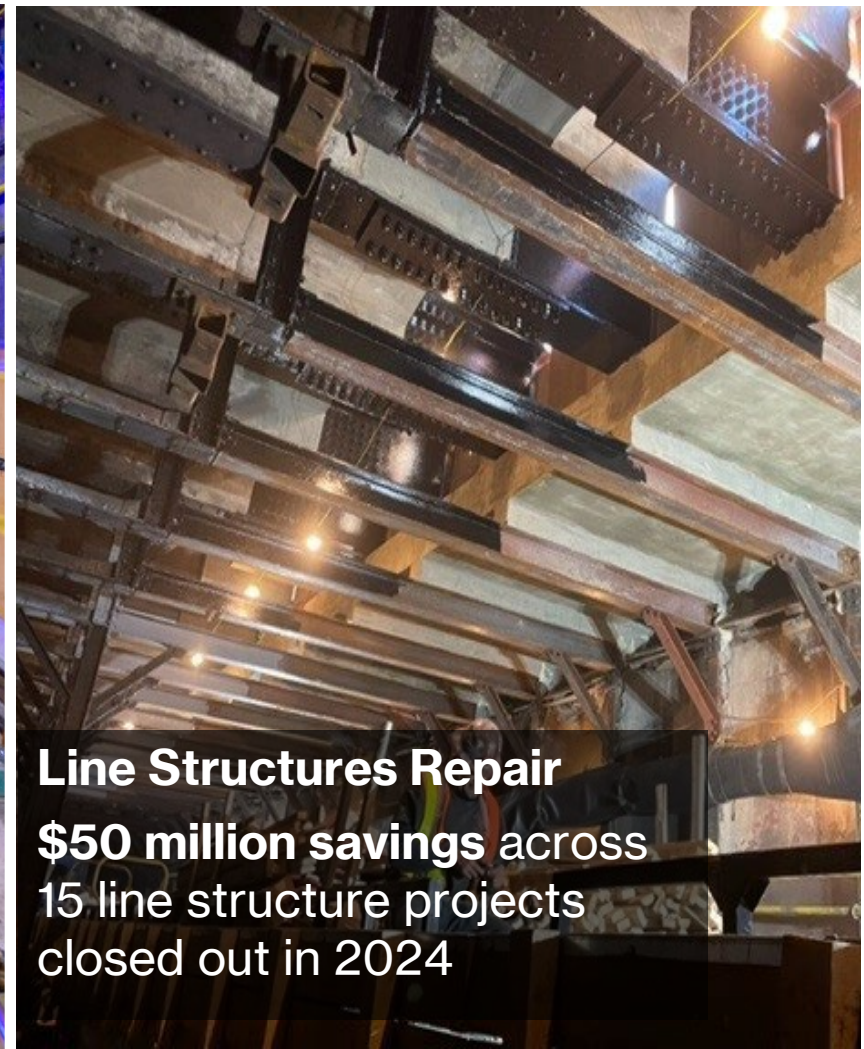
High-profile and every-day projects alike have come in under budget.



**LIRR Third Track**  
Proactive management led to on-time completion  
**\$100 million** under budget



**Canarsie Tube**  
On-time completion without full closure  
**\$100 million** under budget



**Line Structures Repair**  
**\$50 million** savings across 15 line structure projects closed out in 2024



# Recent projects have seen savings

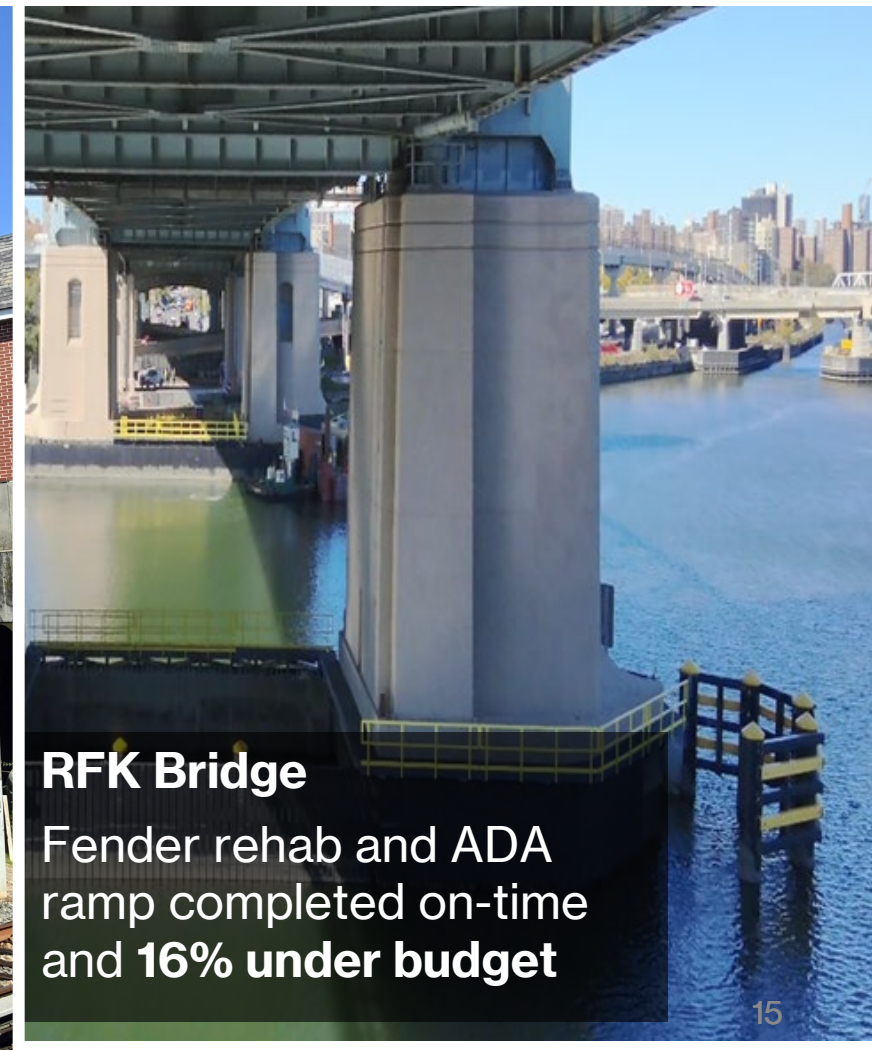
High-profile and every-day projects alike have come in under budget.



**Grand Concourse**  
Under budget while **repairing 45% more defects** than planned



**ADA Package 1**  
Bundling and strategic force account planning saves **\$70 million**



**RFK Bridge**  
Fender rehab and ADA ramp completed on-time and **16% under budget**



# Major ongoing projects tracking on or under budget

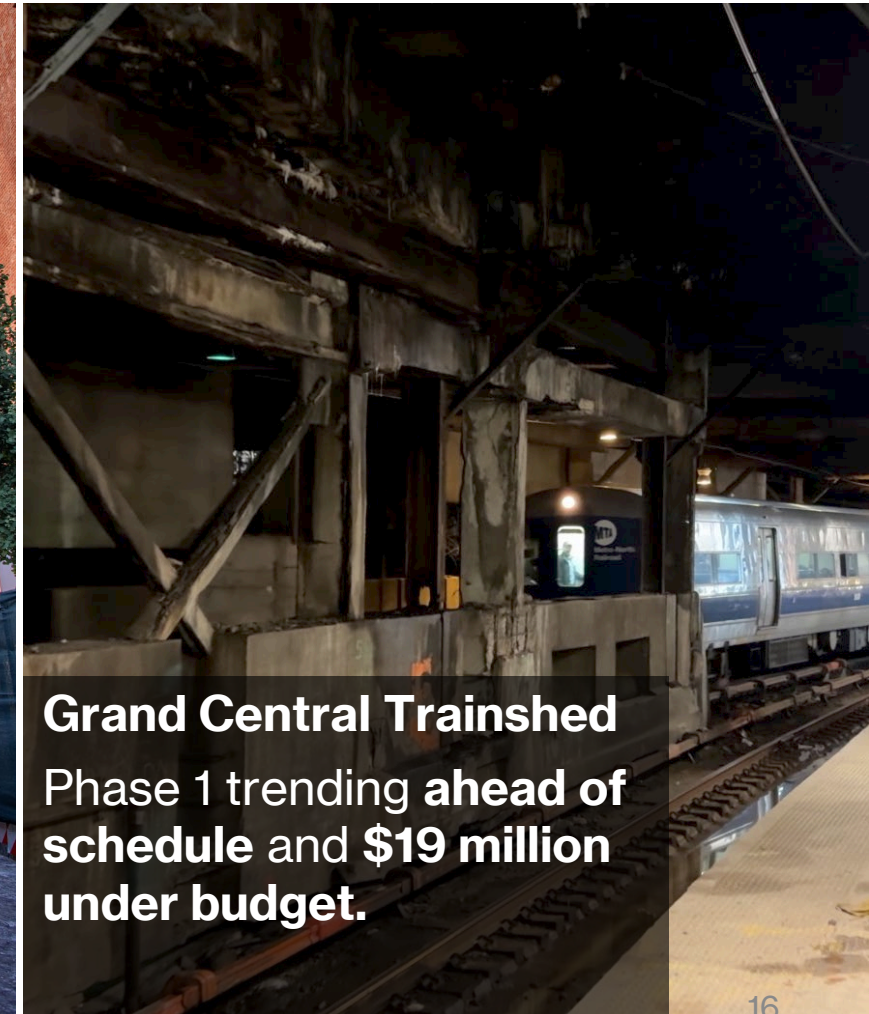
Major projects – 60% of the budget – are trending on or under budget.

**92% on or under budget**  
across top 30 active major projects

**85% on or ahead of schedule**



**Park Avenue Viaduct**  
Rebuilding 130-year-old structure with no impact to service and 21 months ahead of schedule



**Grand Central Trainshed**  
Phase 1 trending ahead of schedule and \$19 million under budget.