



Virtual Community Update

December 16, 2025

Topics

- Guest Presenters
- Project Update
- Commuter Options
- Advancing the Rebuild
- Pre-Construction Activities
- Engagement
- Questions & Answers



Project Update

Cost and Schedule

■ Updated Cost & Schedule

- Estimated cost range: \$4.3–\$5.2 billion
- Anticipated open-to-traffic: Late 2030

■ Early Cost Estimates

- Initial estimate developed less than two weeks after the collapse
- Required to secure federal funding with limited information
- Design was at 0%, with no engineering studies completed

■ Accelerated Progress

- In just 14 months, the project advanced to 70% design
- Progress typically takes 6–7 years on projects of this scale
- Pre-construction activities and updated data informed refined estimates



Cost and Schedule

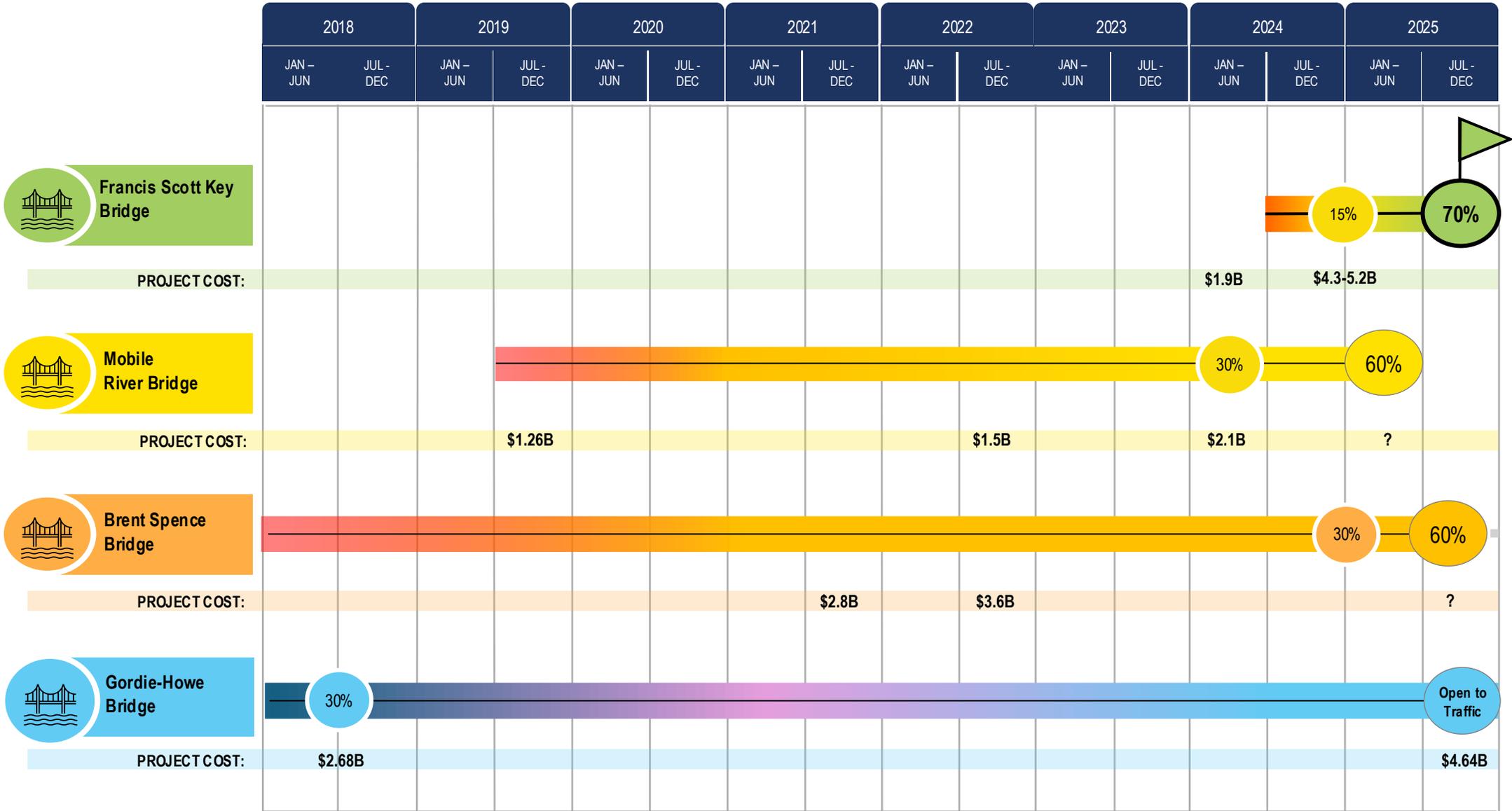
■ Key Cost Drivers

- Enhanced pier protection meeting federal safety requirements
- Higher and longer main-span to accommodate marine traffic
- Volatile construction market conditions

■ Modern Standards & Requirements

- Designed to meet modern design standards, federal requirements, national best practices
- Federal navigation clearance requirements, including a 230-foot height





Cost and Schedule

■ Construction Moving Forward

- Construction expected to begin next year, with efforts underway to address Baltimore-area traffic impacts

■ Commitment to Delivery

- Teams are working around the clock to deliver a safe, modern bridge the community can be proud of

■ Strong Federal & Project Partnerships

- Ongoing coordination with FHWA and design partner Kiewit on permitting, design, cost, and schedule

■ Protecting Taxpayers

- Maryland continues pursuing responsible parties to recover reconstruction costs and minimize taxpayer burden



Environmental
Reviews

COMPLETED



70% Design

COMPLETED



Pre-Construction

STARTED

Traffic and Travel Impacts

- Thank you for adjusting routes, carpooling, and using transit
- Traffic has shifted to the Fort McHenry and Harbor tunnels
- Expect longer rush hours and delays on I-95 and I-895
- Traffic is monitored daily, with temporary solutions in place
- Targeted toll and roadway adjustments are helping improve traffic flow

Baltimore Commuters: Expect Delays.

Plan ahead.

Help reduce the impact of the Key Bridge closure.

Heavy Commute Times Southbound	
MONDAY - THURSDAY	FRIDAY
6 - 10 a.m.	7 - 9 a.m.
4 - 6 p.m.	2 - 6 p.m.

Heavy Commute Times Northbound	
MONDAY - THURSDAY	FRIDAY
2 - 7 p.m.	12 - 7 p.m.



Managing Mobility Post FSK Impact

December 16, 2025



Goal: Relieve Impacts to Commuters

Helping Travelers Post-FSK Bridge Collapse:

- Best real-time information possible
- Adjust transport operations
- Providing new travel options

Deliver Measurably Better Benefits:

- Reducing congestion
- Increase convenience
- Minimize impacts on local communities



Related Mobility Offerings

- **Commuter Choice Maryland** free commuter benefits (resources and incentives)
- **Transit Royale App** provides real-time arrival information across transit modes
- **CHART Travel Time** Website displays travel routes and travel times
- **Signalization and Timing Improvements** to 30 signals during the initial 5-month period following the bridge collapse

Commuter Choice Maryland's Free programs and tools!

Commuters, visit:

[Baltimorecommutes.org](https://baltimorecommutes.org)

Employers, contact:

commuterchoice@mdot.state.md.us



Find Out About Your Options

Sign up for your free Commuter Connections account on baltimorecommutes.org.



Baltimore Carpool Incentive Program

Earn \$5 per day for the first 90 days of carpooling.



Baltimore Vanpool Incentive Program

Vanpools receive \$500 a month towards the cost of their vans.



CharmPass for Commuters

Sign up during a select period to receive FREE transit passes.



CommuterCash

Earn rewards for commuting with the CommuterCash app.



Guaranteed Ride Home

6 free trips home per year for emergency situations.



Employer Partner Program

Free recognition to employers for offering commuter benefits.



Maryland Commuter Tax Credit

Claim a tax credit by offering employees commuter subsidies.



FareShare for Employers

Receive up to \$3,000 to purchase transit passes for your employees.



Tools and Resources

Additional support including webinars, toolkits, guides, and more!

Ride Together Rewards: Transit Incentives Program, Carpool Incentive Program, Vanpool Incentive Program

- MDOT's **new Transit Incentive Program** is making it easier to ride the bus and train in the Greater Baltimore area with **two new incentives**.
 - **Commuter Incentive:** During select promotional periods, new transit users can download the CharmPass mobile app and receive FREE transit passes.
 - **Employer Incentive:** Employers can receive up to \$3,000 to purchase transit passes for your employees through the FareShare program.
- Unlock a new commute with the **Vanpool Incentive Program**.
 - Vanpools in the Baltimore region now qualify for a **\$500 monthly incentive** through the new Baltimore Commutes Vanpool Incentive Program!
- Utilize the **Carpool Incentive Program** for your commute and earn rewards for the first 90 days!
 - Employees who carpool to work in the Baltimore region now qualify for a **\$5 daily incentive** during a **90-day special incentive period** through the new Baltimore Commutes Carpool Program!

Visit: BaltimoreCommutes.org or mdot.maryland.gov/transit incentives

Ongoing Effort to ID New Actions

- Coordination with TSO, SHA, MTA, MDTA and Local Jurisdictions, Partner Employers
- Areas coming online:
 - New transit incentive programs
 - Physical infrastructure enhancements
 - Targeted Corridor benefits
 - Increased engagement with employers



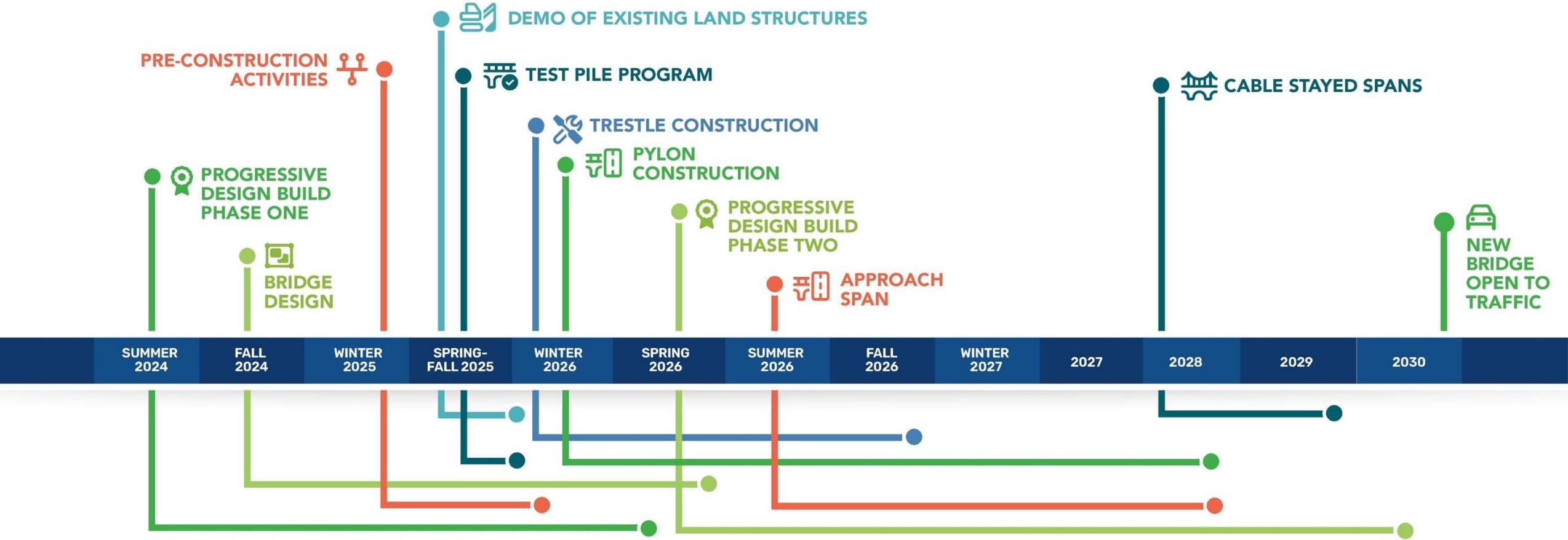
Join up to improve the commute!

Commuter Connections
tdm.commuterconnections.org/mwcog/



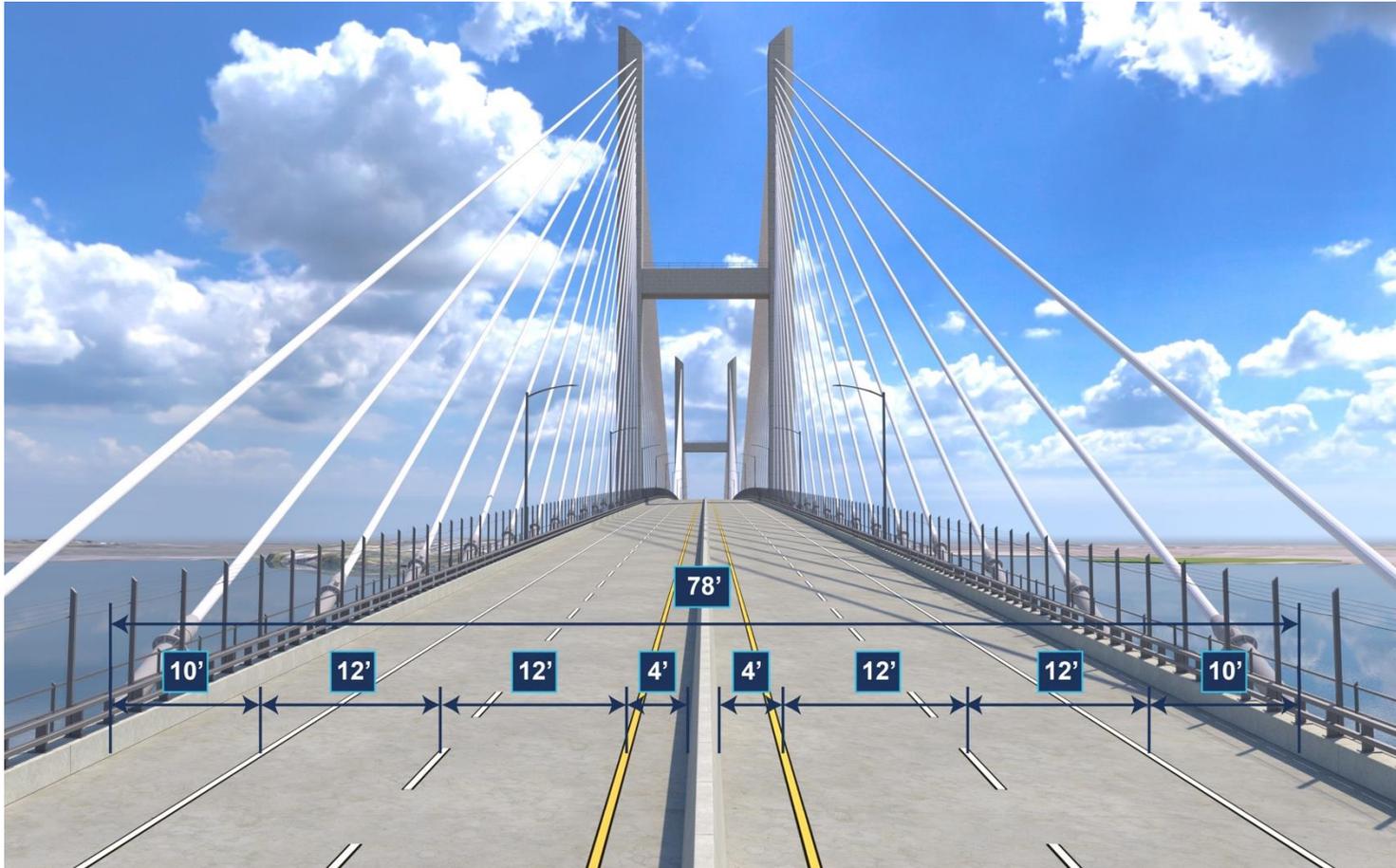
Advancing the Rebuild

Delivering the Safe and Efficient Reconstruction of the Key Bridge



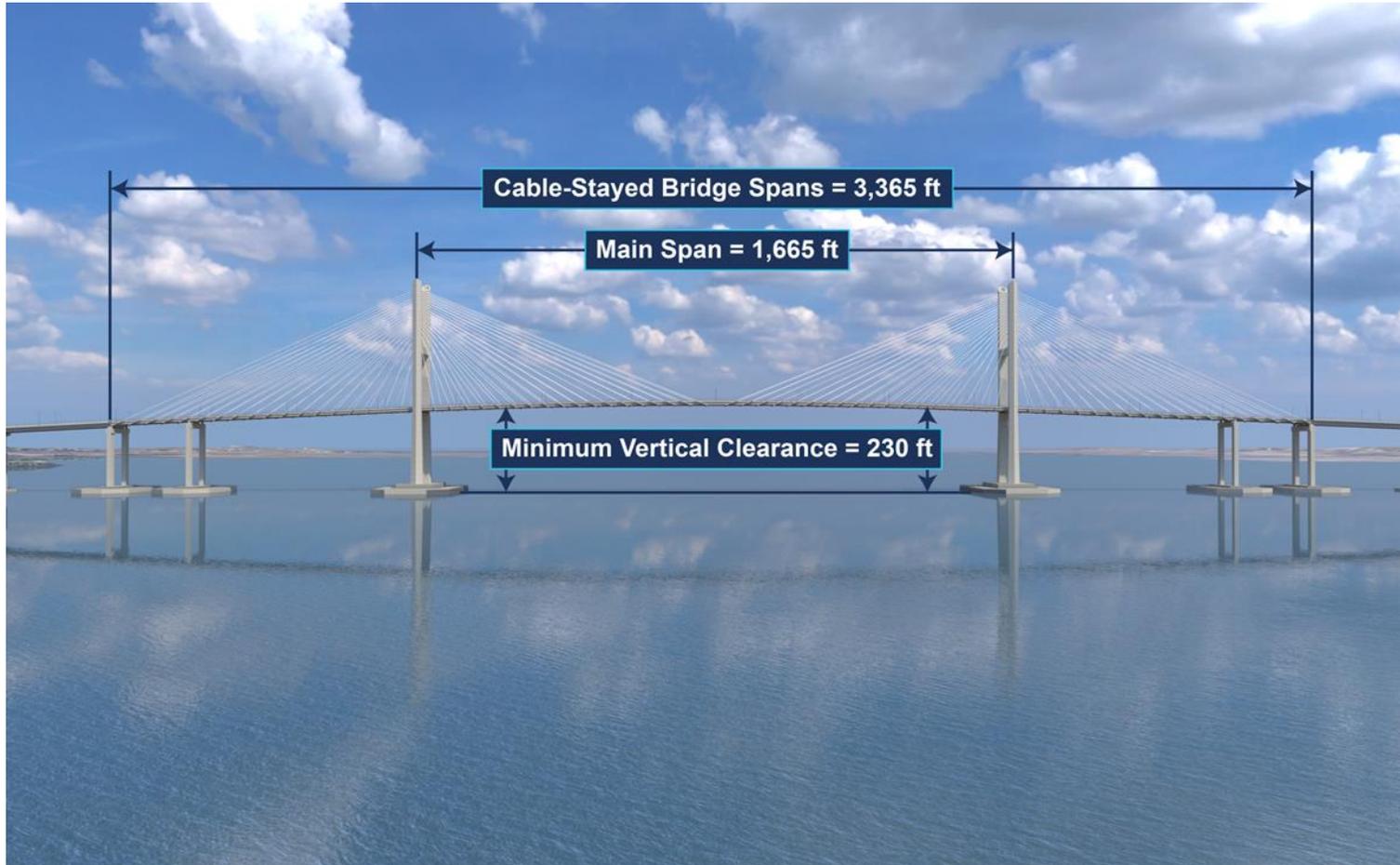
*SCHEDULE IS SUBJECT TO CHANGE

Typical Roadway Section



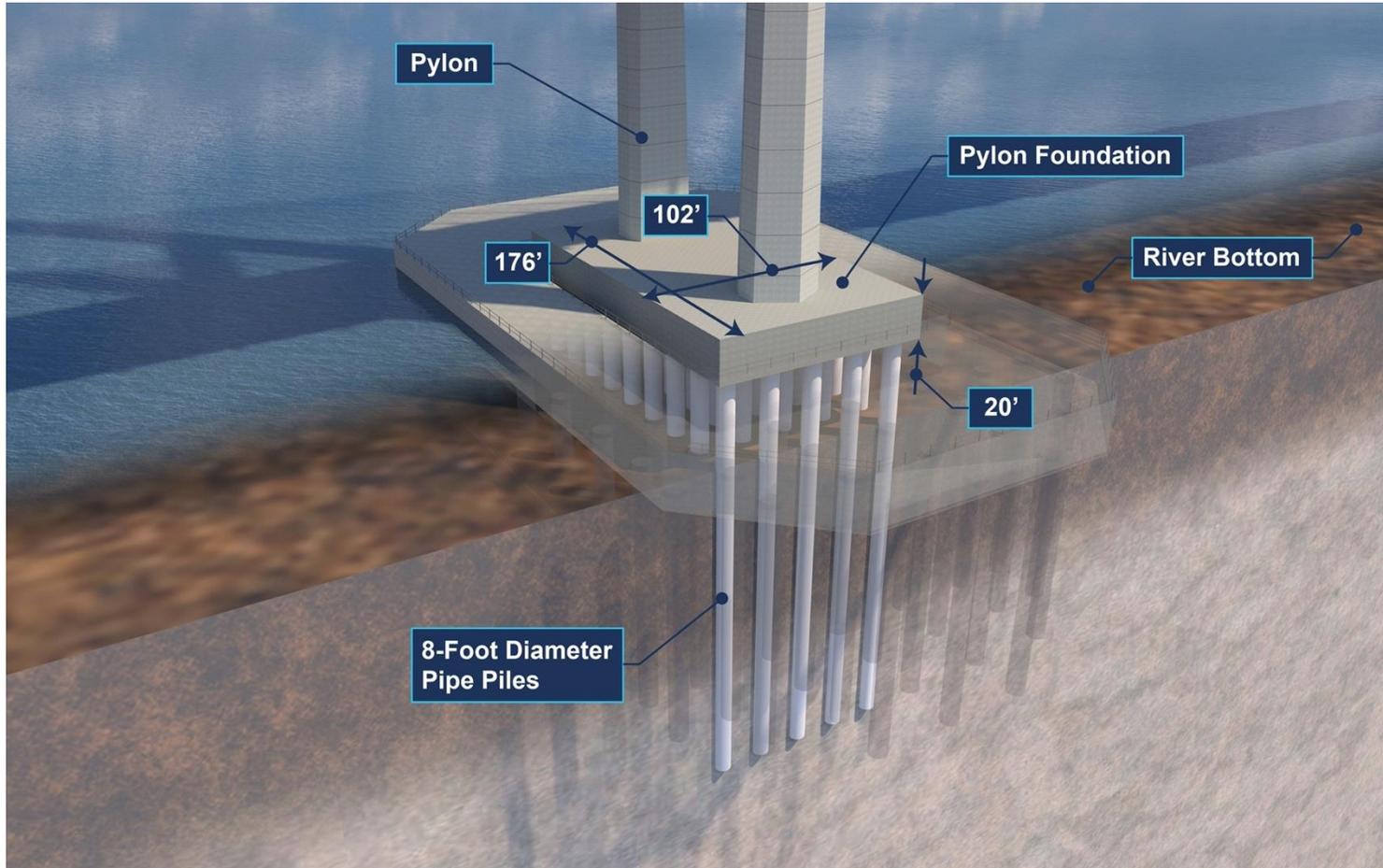
- The roadway has **two 12-foot lanes in each direction**, with a **10-foot outside shoulder** and **4-foot inside shoulder**, meeting **Interstate standards**.
- A **5-foot maintenance walkway** runs along each side of the cable-stayed span, with cables set back from traffic for **safety and improved wind stability**.
- **Barriers are 42" tall** to comply with current safety standards.

Cable-Stayed Bridge



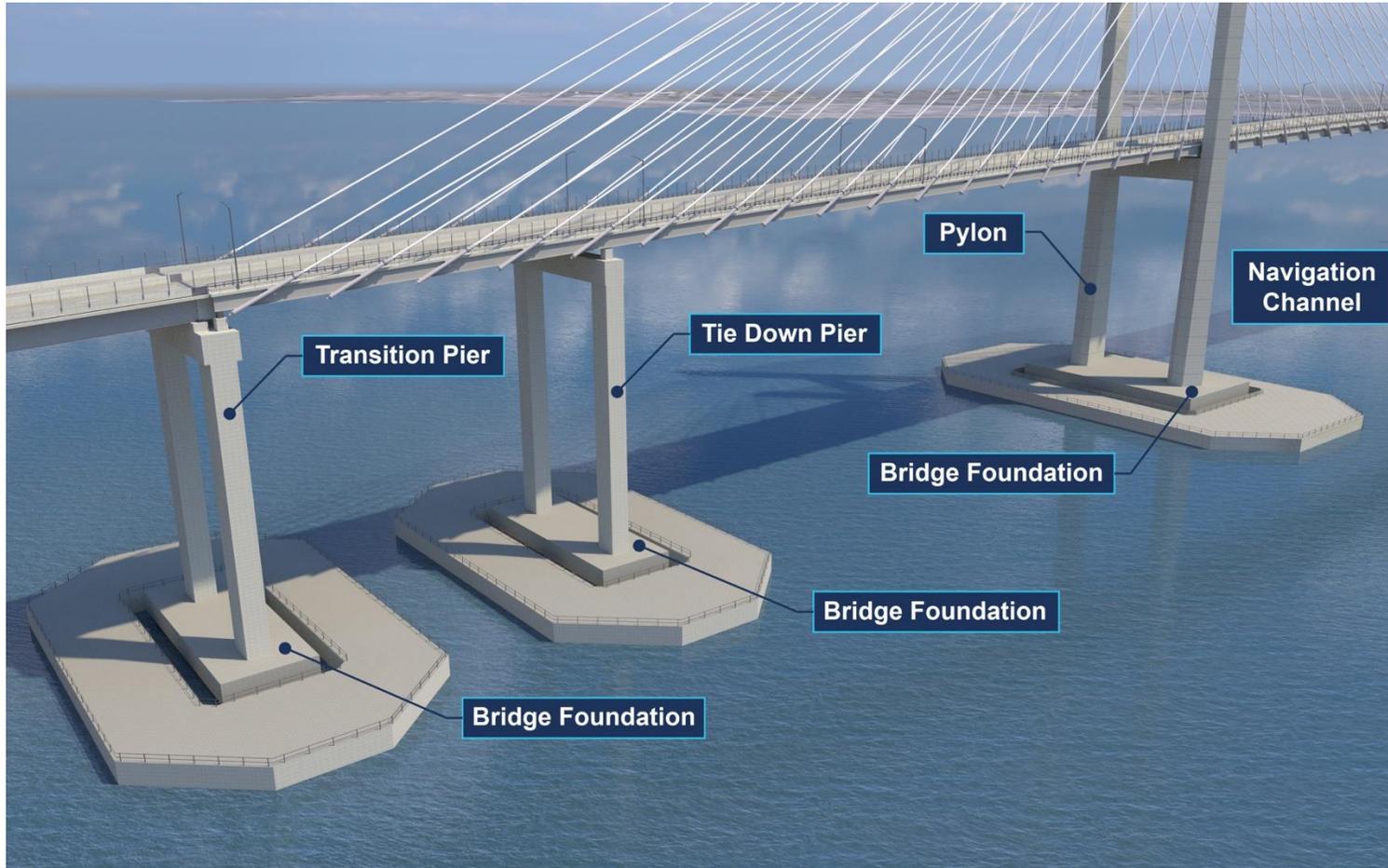
- The cable-stayed bridge is **3,365 feet long** and supported by **six piers**, including the two main pylons.
- The **1,665-foot main span** is the **longest cable-stayed span in the U.S.** and provides **230 feet** of clearance for marine traffic.
- The bridge is supported by **144 cables**, which distribute the deck's weight evenly.
- Each pylon tower rises **over 600 feet** above the river, with a column that **tapers as it ascends**.

Pylon Foundations



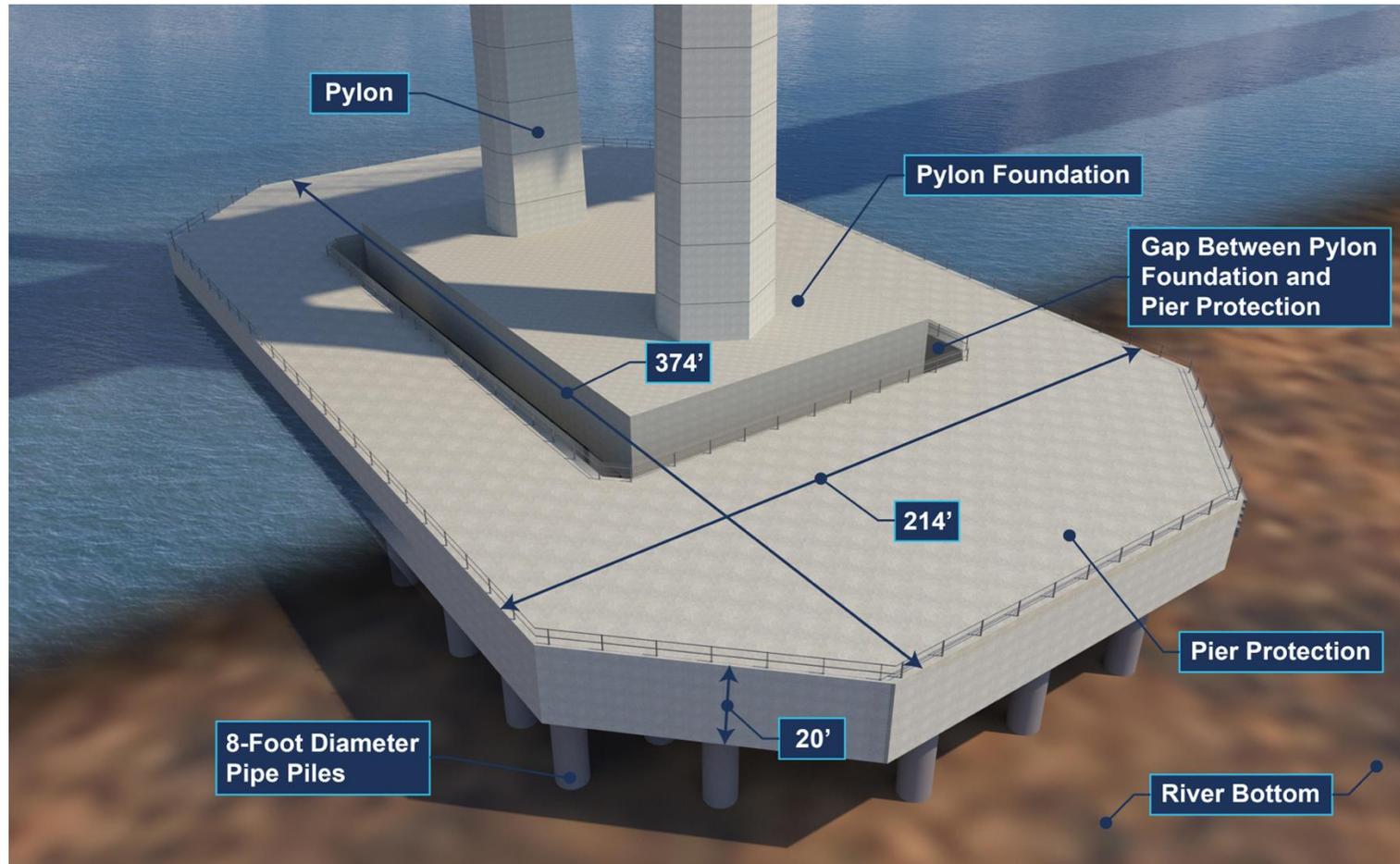
- Each foundation is supported by **45 massive steel piles**, each over **200 feet long** and **8 feet in diameter**, anchored deep into the Patapsco geological layer.
- The footing itself is **roughly the size of two NBA basketball courts** and stands **20 feet thick**.
- **More than 13,000 cubic yards** of concrete—about **26,600 tons**—goes into each footing.
- Constructing each foundation takes **over 1,300 truckloads of concrete**, placed in **three layers**.

Cable-stayed Bridge Foundations



- The cable-stayed bridge foundations include **six total piers**.
- This includes the two main pylons along with a tie-down and transition pier on each side of the main span.
- **Tie-down piers** and **transition piers** each have **10 steel piles** that are **8 feet in diameter** in every foundation.
- In total, the cable-stayed bridge foundations use **130 piles**, each **8 feet in diameter**.

Pier Protection System



- Each main pylon protection fender is longer and wider than an NFL **football field** and **over 20 feet thick**
- Each of these foundations is supported by **78 steel pipe piles**, each **8 feet in diameter**
- In total, the bridge's vessel protection system uses **276 concrete-filled steel piles**, each **8 feet in diameter**.



Pre-Construction Activities

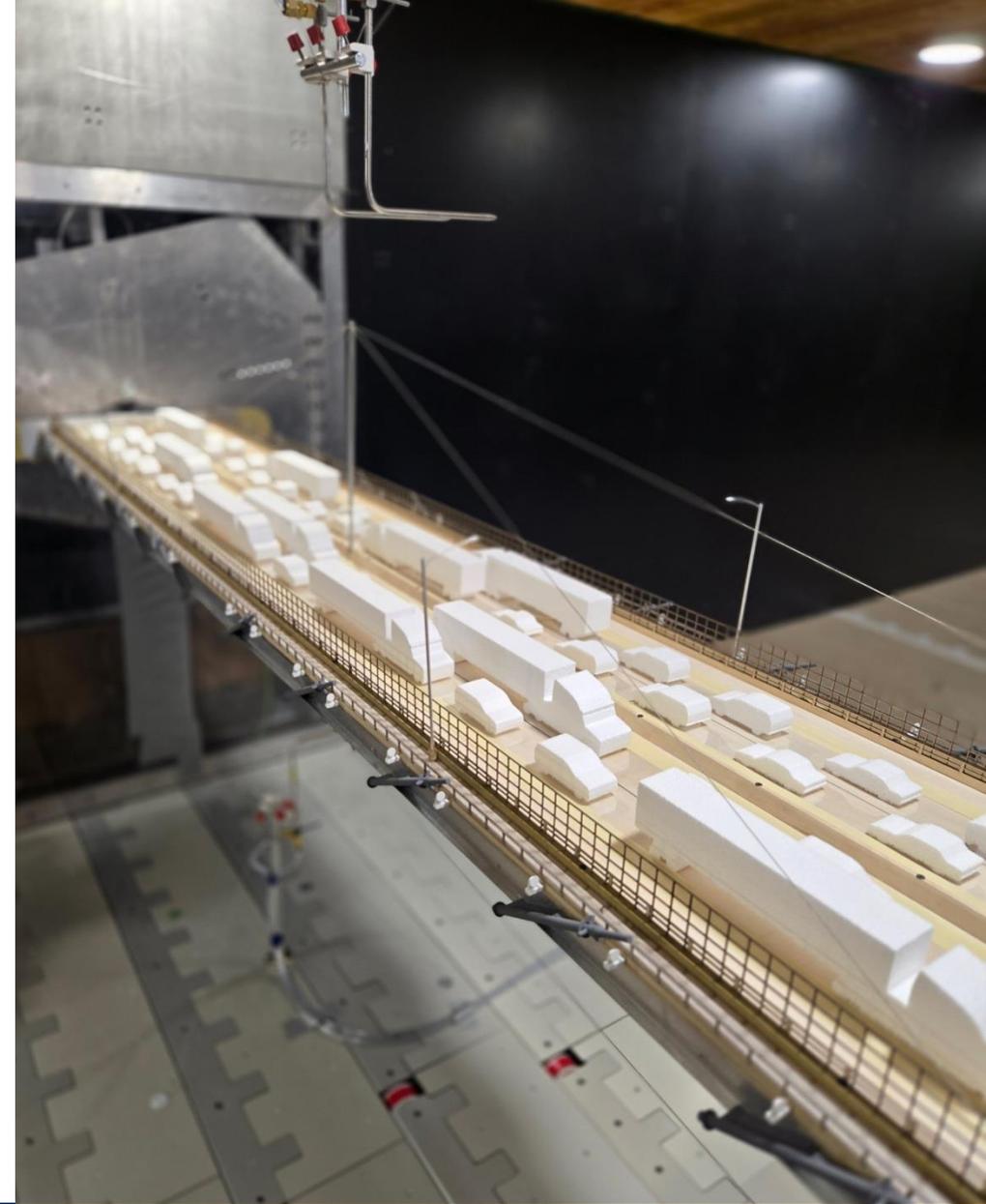
Geotechnical Borings

- Investigation program included land and marine borings which are deep, narrow holes drilled into the ground to collect soil samples
- Samples provide data to develop safe, durable, and efficient structures tailored to site-specific ground conditions
- The boring program is complete



Wind Tunnel Testing

- Simulated real-world wind conditions to study how the structure responds
- Fine-tuned the bridge shape, ensuring it will withstand powerful winds and extreme weather, even with heavy traffic



Scour Testing

- Simulated real-world water flow around piles to study how the riverbed responds
- Identified potential challenges like scour
- Informed the pile design, ensuring it can withstand the impact of scour



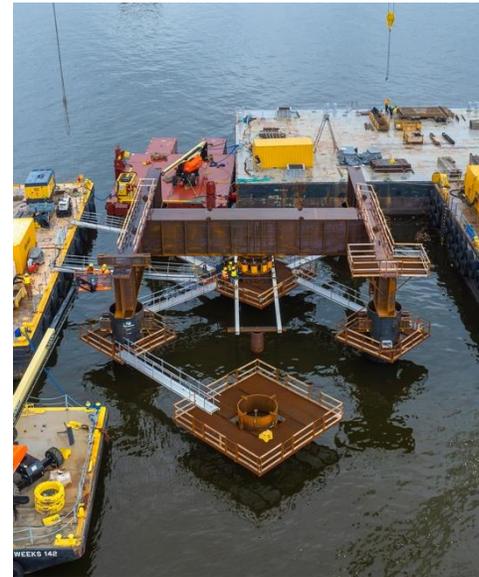
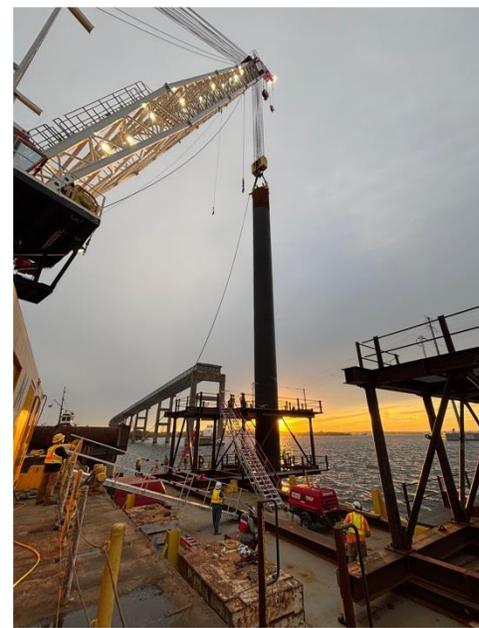
Mechanical Demolition

- Mechanical demolition is using heavy machinery to remove existing bridge structures
- Land and over water demolition will occur in separate phases
- Land demolition began in July 2025



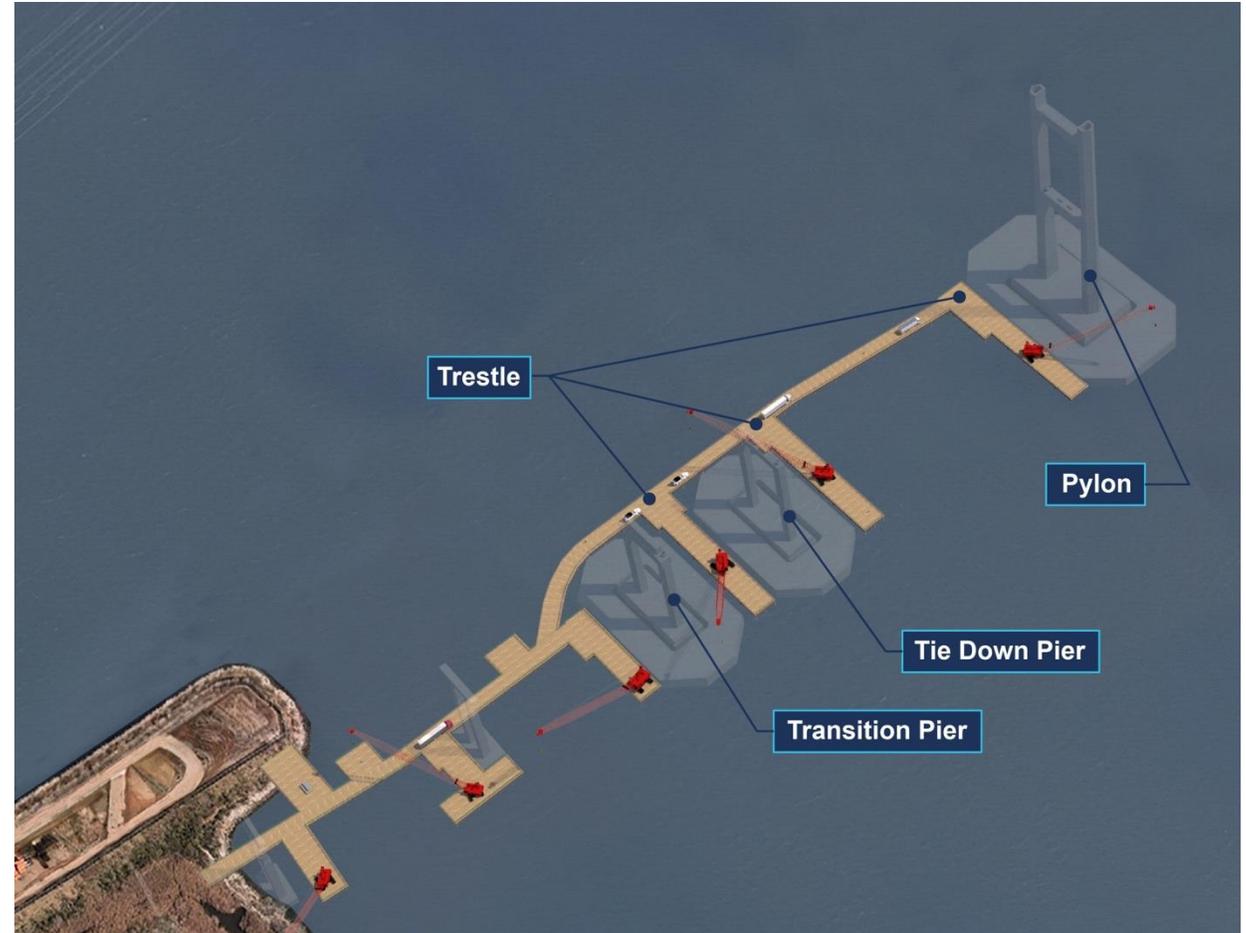
Test Pile Program

- Test pile driving is used to advance the design of the main span foundations
- Periodic test pile driving began in October 2025 and is expected to continue through early 2026
- Test piles are 8 feet in diameter and over 200 feet in length



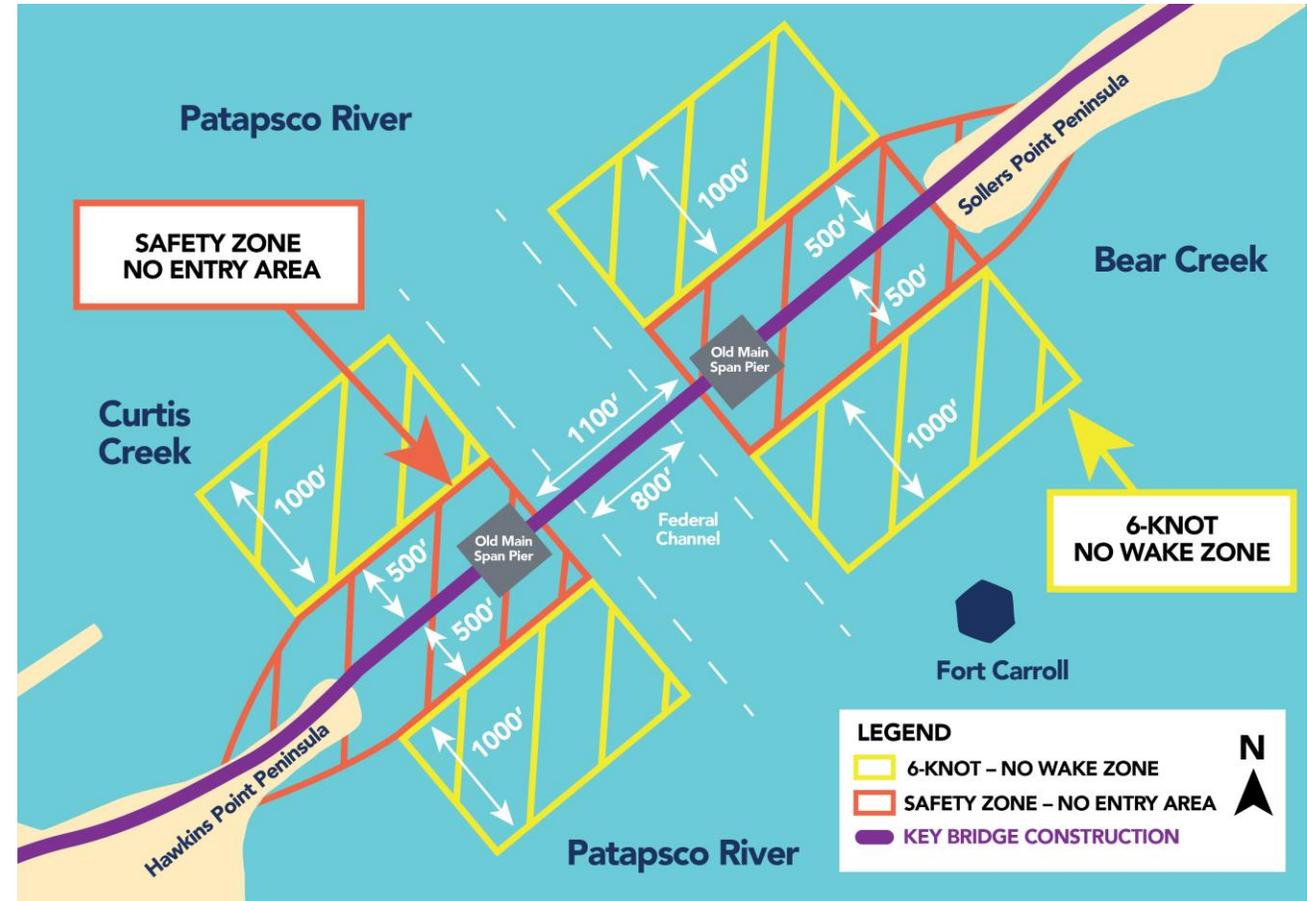
Trestle Construction

- Work is underway at Hawkins Point to prepare for a temporary work platform or trestle.
- The trestle will let supplies, labor, and equipment reach the pier sites more efficiently, speeding up construction.
- In December, crews will begin driving piles to extend a trestle from Hawkins Point.
- In early 2026, crews will start building a second trestle from Sollers Point.



Safety on the Water

- Safety remains the top priority as trestle and production pile work ramps up.
- Safety Zone – No Entry Area is in effect; coordinated with the USCG since July 2025.
- 6-Knot No Wake Zone established in August 2025 to protect boaters and construction crews.
- Federal Channel remains open, with no speed restrictions.





Engagement

Opportunities with Kiewit

- Phase 1 of the project is approaching completion
- Kiewit will begin soliciting subcontractor pricing (in Q4 2025) for inclusion in the Phase 2 cost estimate
- Kiewit is currently seeking to engage with local and small firms interested in subcontracting opportunities on the Project



Artistic Daytime Aerial View with Downtown and Port Beyond | www.keybridgerebuild.com

JOB SEEKER RESOURCES

Kiewit is proud to lead the construction of the **Key Bridge Rebuild Project**, a vital infrastructure effort that will reconnect communities, support economic growth, and create hundreds of local jobs. Kiewit is a proud signatory to multiple trade unions, and we value the expertise and professionalism that union craft workers bring to our projects. We're committed to fostering a safe, inclusive, and high-performing work environment for all team members.



SCAN QR CODE FOR LINKS TO ORGANIZATIONS BELOW

CONTACT THE FOLLOWING UNIONS TO LEARN MORE ABOUT CAREER OPPORTUNITIES

INTERNATIONAL UNION OF OPERATING ENGINEERS 37
5021 North Point Blvd. Sparrows Point, MD 21219
Phone: 443-242-6280

UNION HALL, JOURNEYMAN LEVEL OPERATORS
3615 North Point Blvd., Ste. A Baltimore, MD 21222
Phone: 410-254-2030

EASTERN ATLANTIC STATES REGIONAL COUNCIL OF CARPENTERS
5021 North Point Blvd Baltimore, MD 21219
Phone: 443-242-6280

IRONWORKERS LOCAL UNION 5
9301 Pepercorn Place
Largo, MD 20774
Phone: 301-599-0960

LOCAL 710
3200 Wilkens Ave
Baltimore, MD 21229
Phone: 410-444-1550

LOOKING FOR EMPLOYMENT ASSISTANCE?

- Baltimore County Economic and Workforce Development
- Civic Works
- Construction Trades Workforce Initiative
- Mayor's Office of Employment Development
- Triple Crown Academy

QUESTIONS?

Email: Baltimore_Area_Workforce_Team@kiewit.com

KIEWIT BELIEVES IN INVESTING IN THE COMMUNITIES WHERE WE WORK AND LIVE.
Kiewit is an Equal Opportunity Employer.

Access Bid Opportunities

Express Your Bidding Interest*

View the list of current solicitations and indicate the scope packages your company is interested in bidding at:

<https://bit.ly/KeyBridge-BidderInterest>

**** Bid opportunities are updated regularly. Please be sure to resubmit a bidder interest form to indicate your interest as scope packages are issued.***



Scan the QR code to join our subcontractor and supplier database.

Key Bridge Rebuild Project - Bidder Interest Form

Bid opportunities are updated regularly, please be sure to resubmit a bidder interest form to indicate your interest as scope packages are issued.

Company Name *

Name *

First Name

Last Name

E-mail *

example@example.com

Phone Number

Please enter a valid phone number.

UPCOMING BID PACKAGES - Package Group 1

Please select the scope packages you are interested in bidding:

- Barge Outfit Supplies
- Bubble Curtain Materials
- Civil Works Sub
- Collar Sealing/Grouting Supplies
- Concrete Subcontract - N & S Approach Moment Slab/MSE Coping (Mechanically Stabilized Earth)
- Dock Road Bridge Demo
- Engineered Equipment Supply
- Erosion and Sediment Control
- Fall Protection Supplies

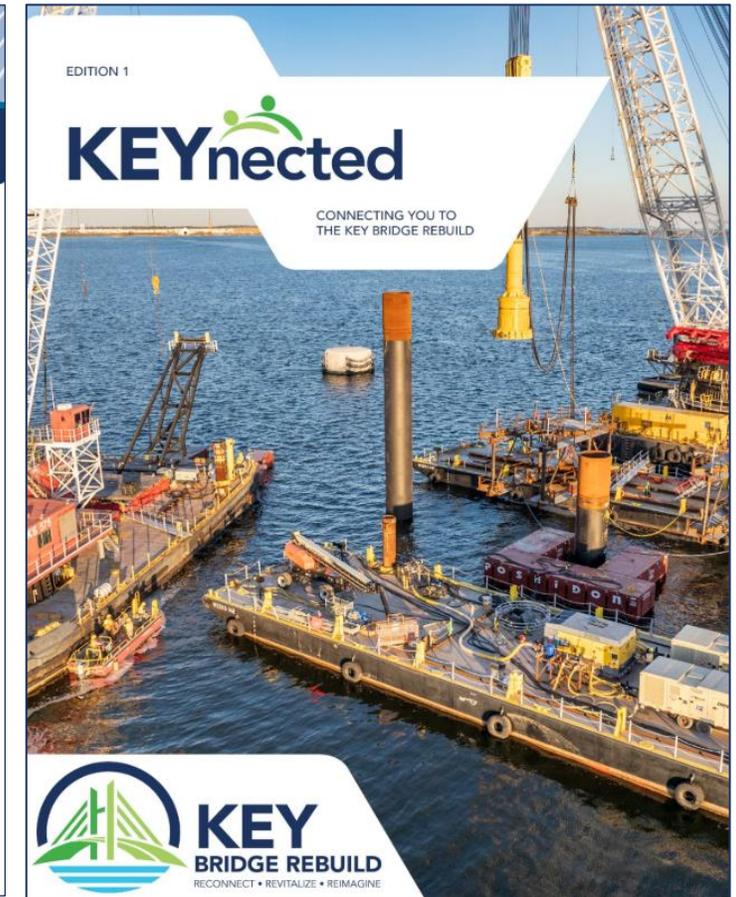
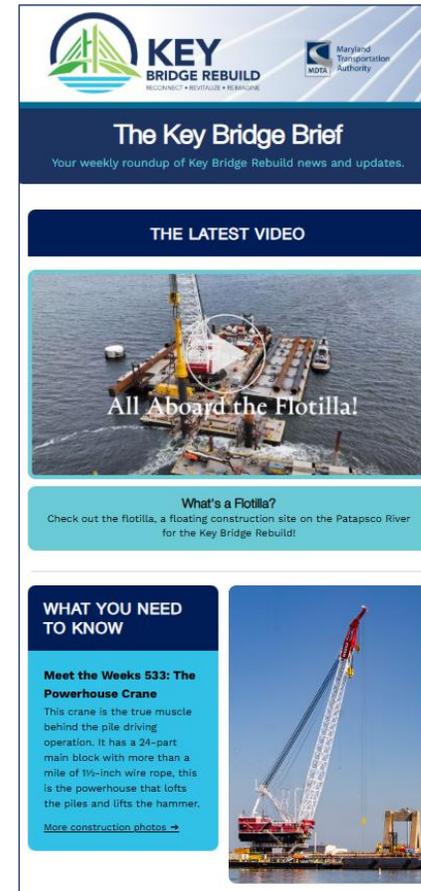
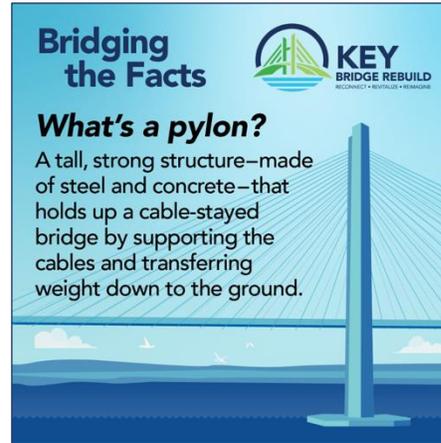
Engagement

- 100+ pop-up events
- 50+ speaking engagements
- 860+ surveys taken
- 6,180+ connections with communities
- 4,200+ email subscribers
- 26,000+ Facebook subscribers



Be on the look out!

- Bridging the Facts Facebook series
- Weekly Key Bridge Brief eblast
- KEYnected Project Newsletter





Stay Connected

- **Sign up** for project alerts by email or text
- **Invite us** to speak in your community
- **Share feedback** through email or project hotline
- **Follow us** on Facebook for project updates



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