

KEY

BRIDGE REBUILD

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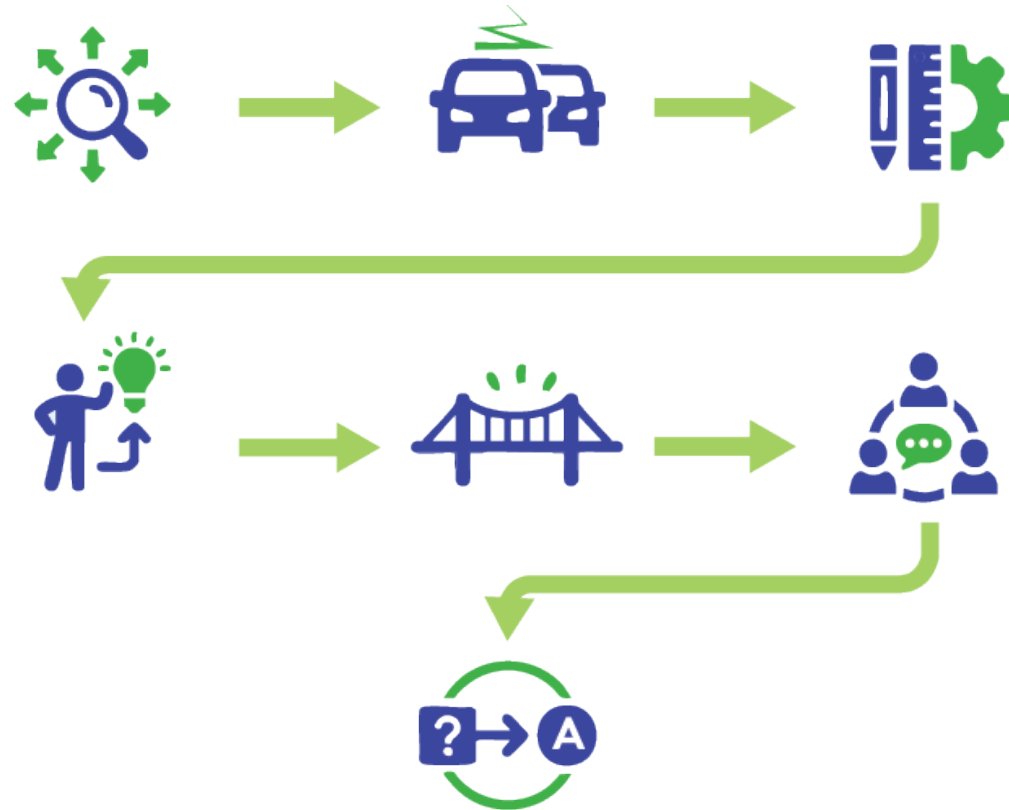
Community Meeting Presentation

February 2025



Agenda

- Background
- Traffic
- Planning
- Procurement
- Bridge Design Reveal
- Engagement
- Question & Answer





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Background

Key Bridge Background



March 23, 1977

1.7 mile-long Francis Scott Key Bridge opened over the Patapsco River as part of I-695 Baltimore Beltway



March 26, 2024

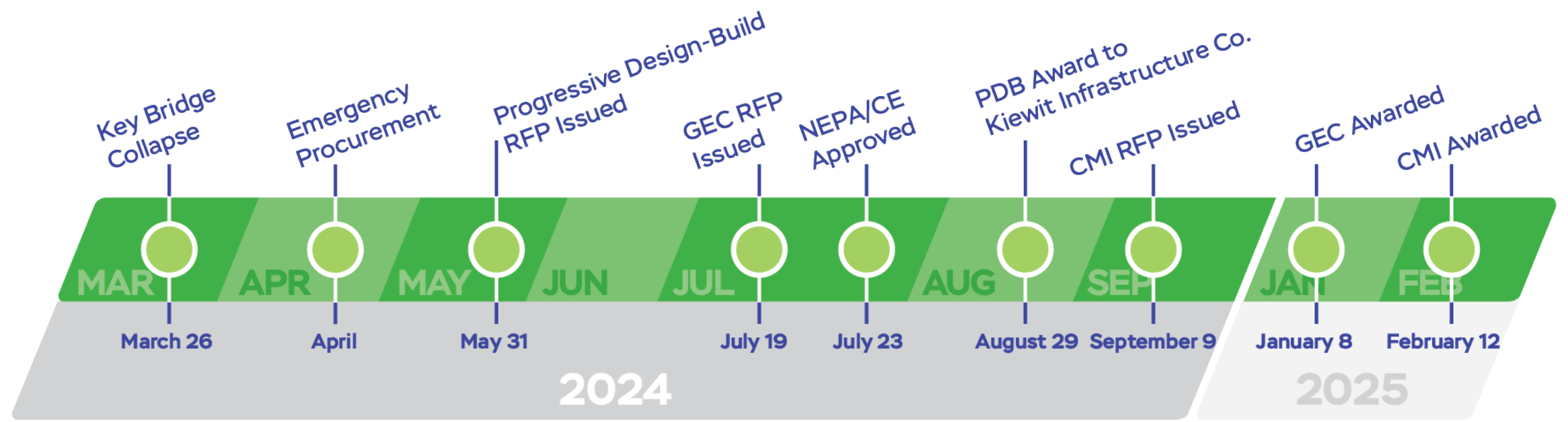
A cargo ship M/V Dali leaving the Port of Baltimore struck the Key Bridge causing its collapse

Key Bridge Directives

Governor Wes Moore's Key Bridge Response Directives:

- Give closure to the families
- Clear the channel and fully open vessel traffic to the Port
- Legislation in MD General Assembly to support workers
- Rebuild the Key Bridge

Expediting the Safe and Efficient Reconstruction of the Key Bridge





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Traffic

Expect Longer Rush-Hour Periods & Delays



Baltimore Commuters: Expect Delays.

Plan ahead.

Help reduce the impact of the Key Bridge closure.

Heavy Commute Times Southbound

MONDAY - THURSDAY

6 - 10 a.m.

4 - 6 p.m.

FRIDAY

7 - 9 a.m.

2 - 6 p.m.

Heavy Commute Times Northbound

MONDAY - THURSDAY

2 - 7 p.m.

FRIDAY

12 - 7 p.m.

What is MDTA doing to minimize traffic effects?



I-695 Broening Highway Interchange – Suspended Tolls

- Keep I-695 Exit 44 turnaround toll-free temporarily until the Rebuild is completed

I-895 Traffic Management

- Reduced merging conflicts across toll plaza
- Collecting feedback to make adjustments
- Evaluating impact of future planned construction

I-95 Traffic and Regional System

- Analysis underway with State and regional partners
- Signal timing and notifications to GPS App companies (early wins)
- Continued monitoring and coordination with regional partners

Commuter Options



Commuter & Employer Resources

Free Commuter Programs and Services are available from Commuter Choice Maryland [commuterconnections.org](https://www.commuterconnections.org)

For Commuters:

- Free Guaranteed Ride Home (6 free rides home per year)
- Free ridematching assistance to find carpools and vanpools
- Park and Ride Lot maps
- IncenTrip app that rewards commuters for their trips to work

For Employers:

- Free Support and Customized Commute Programs

Visit mdot.maryland.gov/KeyBridgeCommute



Request materials or
schedule a meeting to
learn more about free
resources from
Commuter Choice
Maryland.



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Planning

Environmental Considerations



Land Use



Cultural Resources*



Wildlife and Habitat



Demographics and Housing



Visual Aesthetics



Hazardous Materials



Environmental Justice



Wetlands, Waters,
and Floodplains



Noise, Air Quality,
and Greenhouse Gas



Neighborhoods and
Community Facilities



Water Quality



Indirect and
Cumulative Effects

* MDTA is conducting consultation to identify potential effects to historic properties per Section 106 of the National Historic Preservation Act (NHPA)

Categorical Exclusion (CE)

- On July 23, 2024, MDTA and SHA received key federal environmental approvals for the reconstruction of the Key Bridge.
- FHWA issued a CE classification and National Environmental Policy Act (NEPA) approval for the I-695 Francis Scott Key Bridge Rebuild Project.
- Rebuild Project:
 - will not induce significant impacts to planned growth or land use for the area;
 - will not cause any relocations of people or businesses;
 - will have no effect on travel patterns from pre-collapse conditions; and
 - will not impact historic or park and recreational resources.



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Procurement

Three separate project procurements

- **Progressive Design-Build (PDB):**
 - Entity that will design and construct the replacement structure
- **General Engineering Consultant (GEC):**
 - Owner's support providing oversight, program support, and review of the PDB team's work product
- **Construction Management & Inspection (CMI):**
 - Owner's support providing oversight, program support, and inspection of PDB's materials and construction effort

New Key Bridge Project Considerations

- Design to meet industry standards
- Construction to take place in the existing location
- Accommodate the needs of the Port
- Demolition of remaining portions of the bridge
- Bridge design and aesthetics considerations

What is MDTA doing to advance design and construction?



*Schedule is subject to change



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Bridge Design Reveal

New Key Bridge Elements

- Announcement by Governor Moore on February 4, 2025
- Cable-stayed bridge
- Replacing the bridge in-kind:
 - Two 12-foot travel lanes in each direction
 - 10-foot-wide outside shoulders
 - 4-foot-wide inside shoulders
- Expected lifespan of 100 years



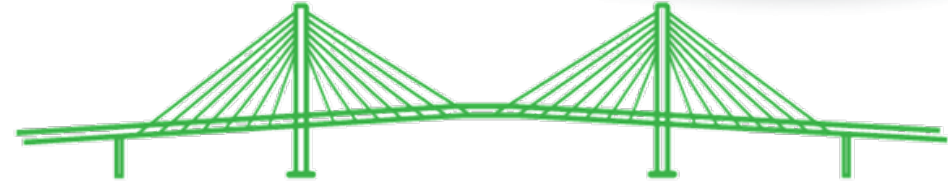
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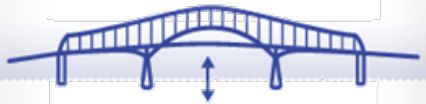


Previous Steel Arch Continuous Truss Bridge



New Cable-stayed Bridge

VERTICAL CLEARANCE



Vertical clearance from water to bridge deck above the federal channel

185-foot

TOTAL BRIDGE LENGTH



Total bridge length was approximately

1.7 miles

BRIDGE/PIER TOWER HEIGHT



Main truss was approximately

358 feet tall

MAIN SPAN DISTANCE



Distance between the main span piers was

1,209 feet

TOTAL SPAN LENGTH



Total length of continuous truss span

2,643 feet



Minimum clearance from water to bridge deck above the federal channel

230-foot



Total bridge length more than

2 miles



Two bridge towers more than

600 feet tall



Distance between main span pylons exceeding

1,600 feet



Total length of cable-stayed main span exceeding

3,300 feet



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Engagement

Engagement Plan for Key Bridge Rebuild

- Inform the Public
 - Share project details and process through various methods.
- Hear Public Feedback
 - Host meetings and distribute surveys.
- Be Transparent
 - Share regular updates on project milestones and any changes.
- Address Feedback Promptly
 - Respond to and act on community input.
- Engage Continuously
 - Keep communication open throughout the project.

Engagement Activities



- Virtual Industry Forum – May 7, 2024
- Virtual Community Update – June 11, 2024
- 40+ pop-up events beginning June 29, 2024
 - 1,500+ interactions; 750+ surveys taken
- Continuing in-person speaking engagements with communities and businesses

Stay Connected

- Join the mailing list
- Request MDTA to attend your community meeting or visit your place of business
- Find us at Pop-up Events



KeyBridgeRebuild.com



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Public Information Hotline



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