

Overnight deck work beginning Spring 2024

BAY BRIDGE EASTBOUND DECK REPLACEMENT PROJECT

Work will be done during off-peak & overnight hours.



CONSTRUCTION SEQUENCE 4: DECK FABRICATION

Deck fabrication for this portion of Phase 1 has begun for the Eastbound Bay Bridge deck replacement project. The MDTA is replacing 4,680 feet of full-width roadway with 156 prefabricated deck panel units. Each new deck panel will be 30 feet long by 35 feet wide and will weigh approximately 65 tons. The new deck panels, including the supporting steel beams, will be placed as a single unit. The panels are being built in KMJV's Baltimore casting yard located at Curtis Bay.

The deck fabrication process includes:

- fabricating and delivering the supporting steel beams to the Curtis Bay yard,
- assembling the steel beams into a framing system that supports the steel grid deck and casting concrete into the grid deck,
- removing the panels from the casting beds after the curing process and installing concrete roadway barriers, and
- transporting completed panels by barge to the project site at the Bay Bridge.

Existing sections of the roadway deck will be removed and the new prefabricated deck units will be installed during overnight full-bridge closures. KMJV may install up to two deck panels in a single overnight shift.

To sign-up for public and mariner alerts, visit www.baybridge.com.

The MDTA thanks the public for their patience as the Eastbound Bay Bridge deck is replaced.

Driver's Note: With major overnight and off-peak work expected to start spring 2024 for the Eastbound Bay Bridge Deck Replacement project, cranes began to arrive spring 2023 and are staged near the bridge span. **Drivers will be able to see the cranes when crossing the bridge and MUST pay attention to the road ahead and obey overhead lane use signals at all times.**

- **Keep your eyes on the road.**
- **Obey posted speed limits.**
- **Stay alert and adhere to overhead lane-use signals.**



The Maryland Transportation Authority (MDTA) is replacing the 40-year-old deck on the Eastbound William Preston Lane, Jr. Memorial Bridge (Bay Bridge). Major construction for this portion of Phase 1 is expected to begin in spring 2024 with anticipated completion in spring 2025. The majority of the work will take place during off-peak and overnight hours. The MDTA has designed the project to limit traffic impacts while maximizing safety for our contractors and customers.

This project will:

- extend the service life of the existing Eastbound Bay Bridge deck,
- improve the overall ride quality and safety of the Eastbound Bay Bridge, and
- minimize traffic impacts by replacing the deck in sections without the need for 24/7 closures.