

Overnight deck work beginning Spring 2024

BAY BRIDGE EASTBOUND DECK REPLACEMENT PROJECT

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



CONSTRUCTION SEQUENCE 5: DECK REPLACEMENT

Deck replacement is expected to begin in spring 2024 on the Eastbound Bay Bridge. The MDTA's plan for the replacement of the roadway deck involves work performed both in daytime off-peak single lane closures and overnight full bridge closures. Carefully planned activities are scheduled in 15 minute increments to ensure overnight work can be completed within the allotted 7-hour (minimum) closure window.

Daytime work activities include:

- laying out of saw cut locations,
- preparing roadway framing for removal,
- installing new floorbeam bearings, and
- transporting the new precast deck panels from the casting yard in Curtis Bay to the bridge site.

Overnight full-bridge closure activities include:

- making saw cuts and rivet removals to free the 30' long, full width deck sections from the supporting trusses,
- removing floorbeam, stringers, barriers and roadway deck with the water-based crane and placing onto a barge located adjacent to the bridge,
- hoisting new precast deck panels from the barge by crane and setting atop the supporting deck trusses,
- utilizing temporary joint grates for areas of this crucial work to allow travel lanes to reopen each morning, and to provide a smooth transition with adjacent existing deck sections, and
- installing roadway barrier prior to opening to traffic.

Once operations reach full production, it is anticipated up to two panels could be installed during an overnight shift. Three cranes and multiple barges will comprise the marine fleet for the major deck removal and replacement activities.

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.