BAY BRIDGE **EASTBOUND** **DECK** REPLACEMENT PROJECT

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

Maryland Transportation Authority
MDTA

CONSTRUCTION SEQUENCE 4: DECK FABRICATION

To date, the Maryland Transportation Authority (MDTA) has replaced 4,680 feet of full-width roadway with 156 prefabricated deck panel units. Each new deck panel is 30 feet long by 35 feet wide and weighs approximately 65 tons. The new deck panels, including the supporting steel beams, were placed as a single unit. The panels were built in KMJV's Baltimore casting yard located at Curtis Bay.

The deck fabrication process included:

- 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 were removed and the new prefabricated deck units were then installed during overnight full-bridge closures.

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

The Maryland Transportation Authority (MDTA) is replacing the 40-year-old deck on the Eastbound William Preston Lane, Jr. Memorial Bridge (Bay Bridge). 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.

Driver's Note: 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.**

For 24/7 Bay Bridge traffic information, call 1-877-BAYSPAN (1-877-229-7726) or visit baybridge.com.