

Memorandum



CITY OF DALLAS

DATE May 4, 2018

TO Honorable Mayor and Members of the City Council

SUBJECT Margaret McDermott Bridge Status

As you may be aware, the City has been working with our partners at the Texas Department of Transportation (TxDOT) since the early 1990's to design and construct signature bridge components for the Trinity River Corridor Project. The first Calatrava bridge is the Margaret Hunt Hill Bridge which was completed in 2012. The Margaret McDermott (IH30) Bridge formed the second Calatrava Bridge project in Dallas. This memorandum provides a status update towards the completion and opening of the Margaret McDermott (IH30) Bridge.

TxDOT is responsible for the construction of the Margaret McDermott Bridge (IH30), designed by the City of Dallas' engineer, as a part of the Horseshoe Project, a project that entails the reconstruction of the Margaret McDermott (IH30) and IH35 bridges across the Trinity River Floodway. TxDOT awarded the Horseshoe Design-Build contract to Pegasus Link Constructors (PLC) on November 15, 2012.

In the spring of 2016, during construction, the bridge experienced wind induced vibrations that resulted in two (2) cables becoming detached from the anchorage system. Since that time, City and TxDOT staff have been working with the contractor and design team to resolve issues that occurred during and after construction was complete, including performing lab tests that had initially been removed from the specification by the engineer of record. The City agreed with the engineer of record that it is prudent to perform this testing based on the design team's request. It was explained that the ideal wind speed needs to be between 18-35 mph to complete the additional field analysis requested. The third-party review team, hired by the engineer of record, has been obtaining field measurements and has requested additional field work be performed with the dampeners at different locations. These measurements were performed and completed this week.

The current schedule for moving forward includes receipt of the initial results of these tests on May 10, 2018, and the final report including recommendations for any future activities, and related recommendations for bridge operations and maintenance is currently scheduled for receipt on May 25, 2018. As the testing and evaluation of the cables proceeds, TxDOT and the bridge contractor are continuing with the remaining work necessary to complete the construction of the bridge including lighting, touch up paint and various other punch list items. At this time, no date has been set for opening the bridge.

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Should you have any questions, please feel free to contact me or Sarah Standifer, Director of Trinity Watershed Management.



Jo M. (Jody) Puckett
Assistant City Manager (Interim)

c: T.C. Broadnax, City Manager
Larry Casto, City Attorney
Craig D. Kinton, City Auditor
Biliera Johnson, City Secretary
Daniel F. Solis, Administrative Judge
Kimberly Bizzor Tolbert, Chief of Staff to the City Manager
Majed A. Al-Ghafry, Assistant City Manager

Jon Fortune, Assistant City Manager
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Raquel Favela, Chief of Economic Development & Neighborhood Services
Theresa O'Donnell, Chief of Resilience
Directors and Assistant Directors