

Memorandum



CITY OF DALLAS

DATE March 29, 2019

TO Honorable Mayor and Members of the City Council

SUBJECT **Margaret McDermott Bridge Status Update**

This memorandum provides an update on the status of the Margaret McDermott (I-30) Bridge project. The City has been working with the Texas Department of Transportation (TxDOT) and the Engineer of Record towards a path forward to complete the bridge construction and safely open it to pedestrian and bicycle use.

In late May 2018, the Engineer of Record recommended two options to address the fatigue issue associated with the constructed cable anchorage assemblies. Option 1 entails retrofitting the lower cable anchorage assembly with a new lower socket and a larger anchor rod (localized retrofit). Option 2 entails replacing all cables including a new lower cable anchorage assembly with a larger anchor rod (full retrofit). Both options call for additional cable dampers. On February 18, 2019, TxDOT provided the City with a cost estimate in the amount of \$7,091,013.05 for Option 2 which involves fabricating and testing new lower cable anchorage assemblies, replacing all existing cables, and installing additional cable dampers. TxDOT's contractor was unable to price retrofit Option 1 due to a level of uncertainty of fabrication engineering and non-standard components.

TxDOT's contractor anticipates completing the full cable replacements within approximately 34 months from the date of authorizing the change order by TxDOT. This includes the time to fabricate test samples, perform necessary testing, complete fabrication of the parts, and installation of the cables. It is anticipated that the installation will be performed in a similar manner to the original installation which may provide the opportunity for partial opening of the pedestrian and bicycle components prior to the completion of both bridges. There may also be opportunities to compress the schedule once the contractor initiates this phase of work. Funding for the full cable replacements will be from the revenues generated from the original sale of the land and easements associated with this project. Proceeding with this work will complete the project in an economical and timely manner, with the original contractor that is under contract with TxDOT.

Please note that the City continues to preserve its right to address potential legal issues, including its right to pursue claims against all responsible parties for the additional costs for the repairs.

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City Council is scheduled to consider authorizing the increase to the project agreement for this action at the April 10, 2019 City Council meeting. The work is projected to start in late May of 2019.

Please contact me if you have any questions or concerns.



Majed Al-Ghafry, P.E.
Assistant City Manager

c: Honorable Mayor and Members of the City Council
T.C. Broadnax, City Manager
Chris Caso, City Attorney (Interim)
Carol A. Smith, City Auditor (Interim)
Bilierae Johnson, City Secretary
Preston Robinson, Administrative Judge
Kimberly Bizer Tolbert, Chief of Staff to the City Manager

Jon Fortune, Assistant City Manager
Joey Zapata, Assistant City Manager
Nadia Chandler Hardy, Assistant City Manager and Chief Resilience Officer
M. Elizabeth Reich, Chief Financial Officer
Laila Aleqresh, Chief Innovation Officer
Directors and Assistant Directors