

Memorandum



CITY OF DALLAS

DATE June 7, 2019

TO Honorable Mayor and Members of the City Council

SUBJECT **Special Called Meeting of the Mobility Solutions, Infrastructure and Sustainability Committee Thursday, June 13, 2019 (Tour Mill Creek Drainage Relief Tunnel)**

The Mill Creek Drainage Relief Tunnel is a five-mile underground tunnel that will provide 100-year flood protection for nearly 6,000 commercial and residential properties in east and southeast Dallas. The current drainage system in these areas was constructed 50 to 70 years ago, and only provides a two to five year flood protection. Major flooding that occurred in 1995, 2003, 2006 and 2009 crippled these areas and showed dire need for the construction of this drainage relief tunnel. The Mill Creek/Peaks Branch/State-Thomas Drainage Relief Tunnel is a \$323M project, funded through three separate bond packages (2003/2006/2012), and will improve stormwater management resulting in saved lives, protection of schools, medical facilities, residents and streets.

Construction began in spring 2018 and is slated for completion in 2023. The alignment of the tunnel project is attached for your benefit and up to date information can be found at <http://millcreektunnel.com/> for the duration of the project.

The tunnel design was completed by Halff Associates and is being constructed by Southland Mole Joint Venture. A tunnel-boring machine (TBM) is being constructed on site and will be utilized to complete the construction project. Once complete, the tunnel will be approximately 30 feet in diameter and will be designed to carry a maximum flow of nine million gallons per minute. This is currently the largest tunnel project underway in the United States. Work in each of the impacted neighborhoods has been coordinated prior to and during construction. The tunnel will have five intake sites along the alignment. These include:

- Woodall Rodgers Intake – Intersection of Woodall Rodgers Freeway and Maple-Routh Connection
- Mill Creek Intake – Intersection of San Jacinto Street and Apple Street
- Peaks Branch Intake – Intersection of North Carroll Avenue and Victor Street
- Peaks Branch 2 Intake – Intersection of E R L Thornton Freeway (I-30) and South Hill Avenue
- East Peaks Branch Intake – Intersection of Bank Street and Herndon Drive

The tunnel discharges at the outfall site at White Rock Creek at Barber Avenue.

It is our pleasure to extend an opportunity to you to view the start of the tunnel and TBM on June 13, 2019 at a Special Called Meeting of the Mobility Solutions, Infrastructure and Sustainability Committee. The vans are scheduled to leave City Hall from L1 Green at 9:00 am and return to City Hall around 11:15 am. This will be the only opportunity to view the TBM and associated work. The tour will require appropriate safety training,

waivers and personal protection equipment which will be provided on site (e.g. glasses, hearing protection, vests, hard hats and muck boots). Please contact Felicia Smith-Niemritz at f.smithniemritz@dallascityhall.com to confirm your attendance by Tuesday, June 11, 2019.



Lee M. Kleinman
Council Member
District 11

Photos Below:

