

Memorandum



CITY OF DALLAS

DATE November 15, 2019

TO Honorable Mayor and Members of the City Council

SUBJECT **City of Dallas and CableRunner USA, LLC. Fiber Optic Network Pilot Program**

The City of Dallas is collaborating with CableRunner USA, LLC (CableRunner) on a fiber optic pilot program to utilize sections of the City's storm sewers to connect fiber optic cable from City Hall to the Canton St. Service Center. As part of the pilot program, City staff coordinated with CableRunner to connect fiber optic cable to five traffic signals along the fiber route. This pilot program is moving forward as part of the City's plan to build a fiber network across all parts of the City to support smart city initiatives, with an ultimate goal of connecting high-speed fiber across all City facilities and smart infrastructure.

CableRunner is a worldwide company that has completed fiber optic installation projects in the United States, Canada, Denmark, China, Germany, Austria, Croatia, Serbia, Turkey, Russia, and Spain. On October 7, 2019, the City of Dallas entered into a Temporary License Agreement for a pilot program with CableRunner to install their patented CableRunner fiber optic technology in the storm sewer system in various city blocks between Dallas City Hall and the Canton Street Service Center. The patented technology includes a thin sewer lining that includes the fiber optic cables within the lining.

The televising and cleaning of the storm sewer pipes utilized in this project began in mid-October. CableRunner began lining the storm sewer the week of November 4, 2019 and the entire lining and fiber connections should be complete by November 22, 2019. A map of the fiber route is included for reference.

Should there be any questions or need for clarification, please let me know.

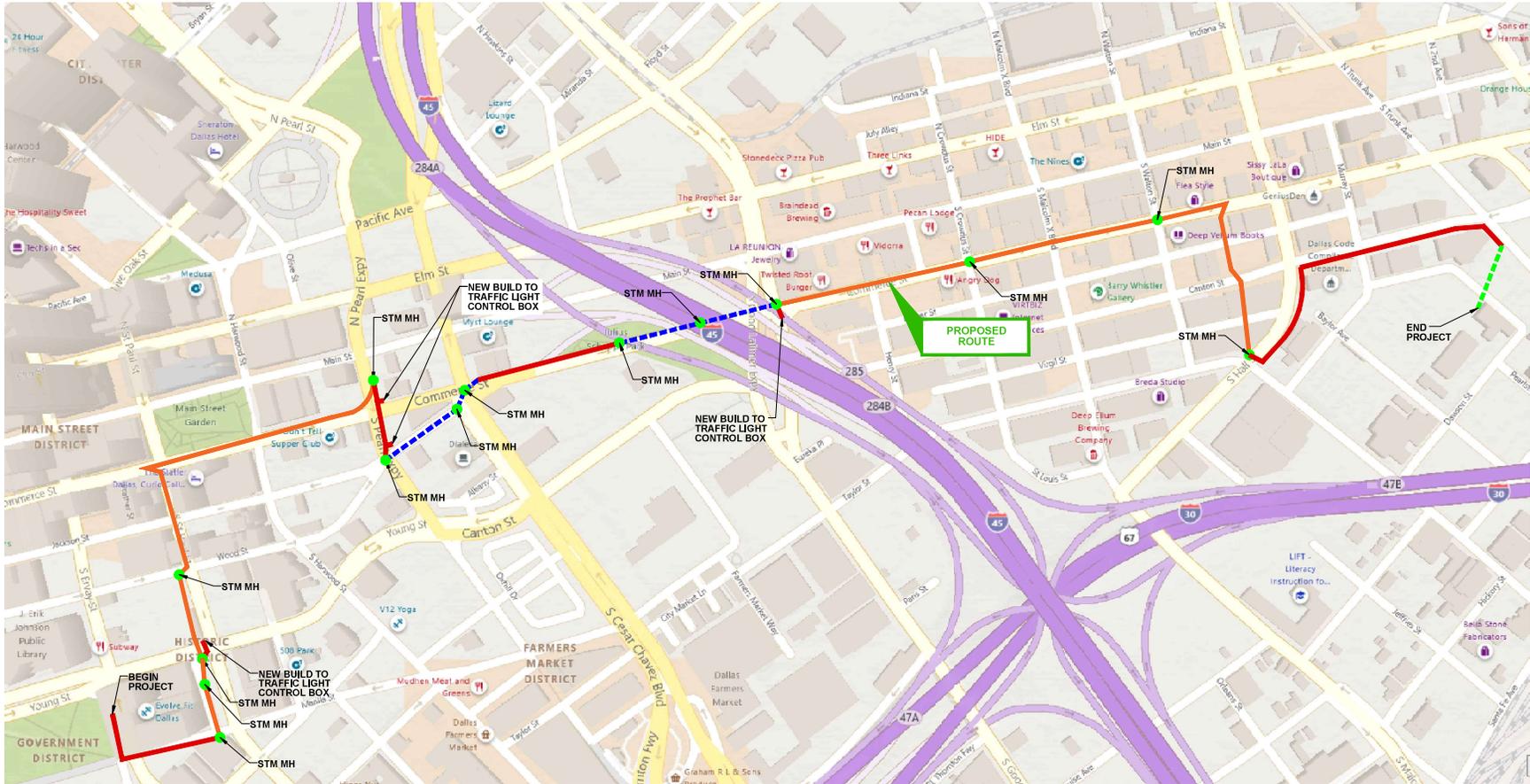
A handwritten signature in blue ink, appearing to read 'Majed A. Al-Ghafry'.

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

c: T.C. Broadnax, City Manager
Chris Caso, City Attorney (Interim)
Mark Swann, City Auditor
Biliera Johnson, City Secretary
Preston Robinson, Administrative Judge
Kimberly Bizzor 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
Michael Mendoza, Chief of Economic Development and Neighborhood Services
M. Elizabeth Reich, Chief Financial Officer
Laila Aleqresh, Chief Innovation Officer
M. Elizabeth (Liz) Cedillo-Pereira, Chief of Equity and Inclusion
Directors and Assistant Directors

VICINITY



LEGEND	
UNDERGROUND	Red solid line
MAN ACCESSIBLE	Orange solid line
ROBOT ACCESSIBLE	Blue dashed line
STORM MANHOLE	Green dot

ENGINEERING CONTRACTOR
TEP FIBER
 2033 CROSS BEAM DR.
 CHARLOTTE, NC 28217



DALLAS PILOT POINT
 DALLAS, TX

CONSTRUCTION
 OCTOBER 28, 2019

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