



Legislation Text

File #: 21-2052, **Version:** 1

STRATEGIC PRIORITY: Mobility Solutions, Infrastructure, and Sustainability

AGENDA DATE: November 10, 2021

COUNCIL DISTRICT(S): All

DEPARTMENT: Department of Public Works

EXECUTIVE: Majed Al-Ghafry

SUBJECT

Authorize Supplemental Agreement No. 1 to the service contract with the University of Texas at Arlington through the Interlocal Agreement to perform infield testing and data collection on Synthetic-Fiber Reinforced Concrete Pavement and other existing paving types for comparison within the City of Dallas and continue the study and analysis to predict remaining service life of existing pavement - Not to exceed \$900,000.00, from \$49,000.00 to \$949,000.00 - Financing: General Fund

BACKGROUND

The University of Texas at Arlington (UTA), which is located in Arlington, Texas, has an office at 701 South Drive, Arlington Texas, 76019.

This action will authorize Supplemental Agreement No. 1 to the service contract with the University of Texas at Arlington through the Interlocal Agreement to perform infield testing and data collection on Synthetic-Fiber Reinforced Concrete Pavement and other existing paving types for comparison within the City of Dallas and continue the study and analysis to predict remaining service life of existing pavement types

This Supplemental Agreement will be a continuation of the original contract and will provide a preliminary comparison of Synthetic-Fiber Reinforced Concrete Pavement in comparison with steel-reinforced concrete pavement, and asphalt concrete pavement systems. In addition, this Supplemental Agreement will identify potential locations with consideration to traffic volume and identify the appropriate volume of fibers to use in a concrete mix design through laboratory testing and study of existing literature.

ESTIMATED SCHEDULE OF PROJECT

Services Began	June 2021
Complete Services	December 2024

PRIOR ACTION/REVIEW (COUNCIL, BOARDS, COMMISSIONS)

This item has no prior action.

FISCAL INFORMATION

Fund	FY 2022	FY 2023	Future Years
General Fund	\$900,000.00	\$0.00	\$0.00

Interlocal Agreement \$ 49,000.00

Supplemental Agreement No. 1 (this action) \$900,000.00

Total \$949,000.00

OWNER

University of Texas at Arlington

219 West Main

Arlington, Texas 75019-0136

Dr. James Grover, PhD., Interim Vice President for Research

MAP

Attached