



NCTCOG PRESENTATION

HOV Pilot Project Along US 75 Corridor

September Public Input Opportunity
September 13 - October 12, 2021



TWO COMPONENTS

1. Implementation project to advance High-Occupancy Vehicle (HOV) lane to Technology lane

Total Funds - \$43.8 M

2. Funded pilot project to develop potential travel accounting system (Partnership with TxDOT)

Total Funds - \$10 M

CORRIDOR OPERATIONS FOR TECHNOLOGY LANE

Reduce fatalities and crashes by improving traffic flow

Improve response to crashes through multi-city traffic incident management

Reduce congestion by opening technology lane to all passenger vehicles and restricting trucks

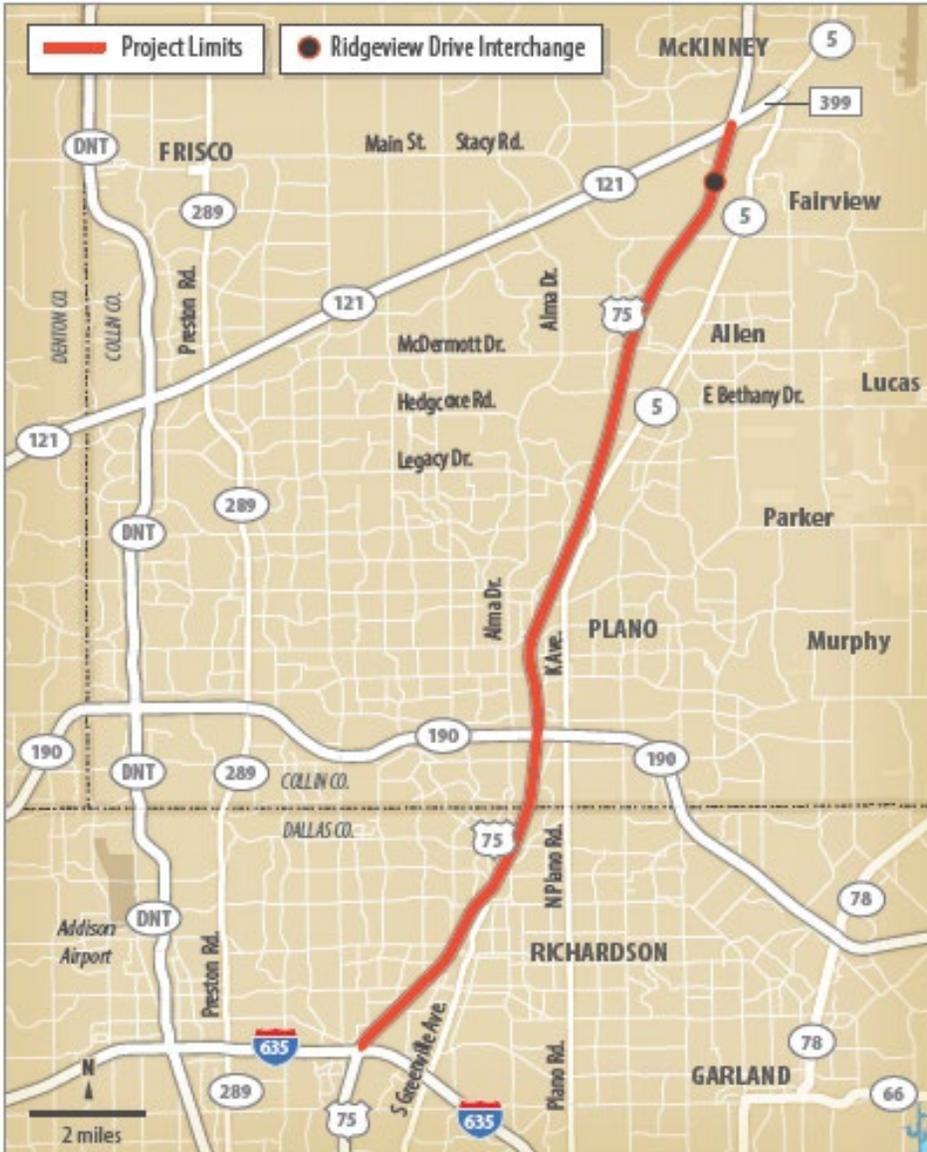
Improve air quality by increasing auto occupancy and vehicle speed

Enhance traffic signal green times on frontage roads to progress traffic

Remove pylons to improve safety and minimize debris



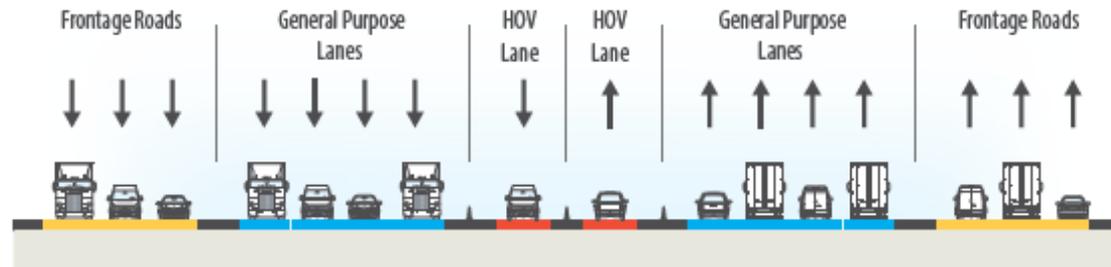
CORRIDOR LIMITS AND CROSS SECTION



NOTE: Highlighted areas are not drawn to exact scale.

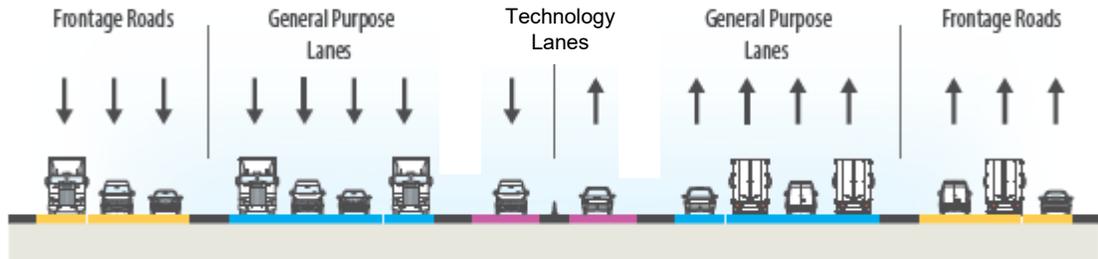
TxDOT graphic

EXISTING TYPICAL SECTION



SOURCE: Texas Department of Transportation.

PROPOSED TYPICAL SECTION



TxDOT graphic

US 75 PROPOSED APPROACH

	Option 1	Option 2
SOV in Technology Lane	\$0	Toll
HOV in Technology Lane	Pay Driver to Use	Pay Driver to Use
General Purpose Lanes	N/A	N/A



TRAVEL ACCOUNTING SYSTEM PILOT

Surface Transportation System Funding Alternatives (STSFA) Grant Award

GoCarma used to monitor vehicle travel (facility, lane, time of day, occupancy)

Proof to be able to allocate rewards or user fees to vehicle

No actual money to be collected

Pilot test on US 75 and other selected corridors

Participants may be compensated



Technology Lane

Winter 2022

US 75 Technology
Lane ENV Clearance

Summer 2022

US 75 Project Letting

Summer 2024

US 75 Project
Construction
Complete



STSFA Grant Pilot Project

Winter 2022

Phase 1
Demonstration -
Framework

Fall 2022

Phase 2
Demonstration -
Limited Users

Fall 2024

Phase 3
Demonstration -
Implement on US 75

TIMELINE

CONTACT US



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