NCTCOG PRESENTATION

HOV Pilot Project
Along US 75 Corridor

September Public Input Opportunity
September 13 – October 12, 2021
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

EXISTING TYPICAL SECTION

PROPOSED TYPICAL SECTION

SOURCE: Texas Department of Transportation

NOTE: Highlighted areas are not drawn to exact scale.

TiDOT graphic
## US 75 PROPOSED APPROACH

<table>
<thead>
<tr>
<th></th>
<th>Option 1</th>
<th>Option 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOV in Technology Lane</td>
<td>$0</td>
<td>Toll</td>
</tr>
<tr>
<td>HOV in Technology Lane</td>
<td>Pay Driver to Use</td>
<td>Pay Driver to Use</td>
</tr>
<tr>
<td>General Purpose Lanes</td>
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<td>N/A</td>
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</tbody>
</table>
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

**STSFA Grant Pilot Project**

- **Winter 2022**
  - Phase 1
    - Demonstration - Framework

- **Fall 2022**
  - Phase 2
    - Demonstration – Limited Users

- **Summer 2024**
  - US 75 Project Construction Complete

- **Fall 2024**
  - Phase 3
    - Demonstration – Implement on US 75
CONTACT US

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