12 Counties
85 Incorporated Cities
4,200 Centerline Miles

In 2017
- 167 Total Fatal Crashes
  - 39 Pedestrian-Related (24%)
  - 85 Impaired/Unrestrained (51%)

Goal → Zero Fatalities
Uvalde County (March 29, 2017) – 13 Fatalities
Pedestrian Safety Improvements

Nationwide Pedestrian Fatality Data (1991-2016)

- 73% (3 in 4) were in urban areas
- 72% (2 in 3) were at non-intersections
- 48% (1 in 2) died on the weekend
- 32% (1 in 3) died between 8pm to Midnight

Source: National Highway Traffic Safety Administration
A WOMAN has been left with serious injuries after being hit by a car while riding her bike. The collision happened in Southend Road, Rochford, at around 1.20pm on June 30 and involved a female cyclist from Rochford and a silver Renault Clio. The cyclist appears to have fallen from her bike and was then struck by the car. She received serious injuries and was taken to the Royal London Hospital for treatment.

Police are investigating the incident and anyone with information should contact PC Steve Opposition on 101.

“...and the driver will not be charged.”
VISION

Texas envisions a future with zero traffic fatalities and serious injuries

MISSION

Texans will work together on the road to zero traffic fatalities and serious injuries
TxDOT’s Strategic Highway Safety Plan (SHSP)

Emphasis Areas:

- Distracted Driving
- Impaired Driving
- Intersection Safety
- Older Road Users
- Pedestrian Safety
- Roadway / Lane Departures
- Speeding
Highway Safety Improvement Program

- Federal Aid Program ($2.4B)
- Improve Infrastructure
- Reduce Frequency & Severity of Fatal / Incapacitating Crashes
- Performance-Driven Process
- TxDOT – $300M Per Year
- Category 8, 5% of UTP
- San Antonio District - $10M–$50M per Year
## UTP Funding (2018–2017) - $71 Billion

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - Preventive Maintenance and Rehabilitation</td>
<td>20%</td>
<td>$14,091,870,000</td>
</tr>
<tr>
<td>2 - Metropolitan and Urban Area Corridor Projects</td>
<td>17%</td>
<td>$12,284,680,000</td>
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<tr>
<td>3 - Non-Traditionally Funded Transportation Projects</td>
<td>7%</td>
<td>$5,172,990,000</td>
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<tr>
<td>4 - Statewide Connectivity Corridor Projects</td>
<td>16%</td>
<td>$11,550,150,000</td>
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<tr>
<td>5 - Congestion Mitigation and Air Quality Improvement</td>
<td>3%</td>
<td>$2,182,990,000</td>
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<tr>
<td>6 - Structures Replacement and Rehabilitation</td>
<td>5%</td>
<td>$3,442,730,000</td>
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<tr>
<td>7 - Metropolitan Mobility and Rehabilitation</td>
<td>6%</td>
<td>$4,335,730,000</td>
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<tr>
<td>8 - Safety</td>
<td>5%</td>
<td>$3,349,310,000</td>
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<tr>
<td>9 - Transportation Alternatives</td>
<td>1%</td>
<td>$849,800,000</td>
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<tr>
<td>10 - Supplemental Transportation Projects</td>
<td>1%</td>
<td>$641,560,000</td>
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<tr>
<td>11 - District Discretionary</td>
<td>5%</td>
<td>$3,216,970,000</td>
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<tr>
<td>12 - Strategic Priority</td>
<td>14%</td>
<td>$10,108,520,000</td>
</tr>
</tbody>
</table>
Implementing HSIP

- **Crash Types**
  - Fatal Injury Crash (K)
  - Incapacitating Injury Crash (A)
  - Non-Incapacitating Injury Crash (B)
  - Pedestrian-Related

- **Work Codes**
  - 5 Main Categories
  - 85 Unique Work Codes

<table>
<thead>
<tr>
<th>Category</th>
<th>Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>Signals/Signs</td>
</tr>
<tr>
<td>200</td>
<td>Roadside</td>
</tr>
<tr>
<td>300</td>
<td>Resurfacing / Lighting</td>
</tr>
<tr>
<td>400</td>
<td>Pavement Markings</td>
</tr>
<tr>
<td>500</td>
<td>Roadway Work</td>
</tr>
</tbody>
</table>

- **Analysis**
  - Safety Improvement Index (SII) – B/C Ratio
\[ S = \frac{R(C_f F + C_i I)}{Y} - M \]

\[ Q = \left( \frac{A_a - A_b}{A_b} \div L \right) S \]

\[ B = \frac{S + \frac{1}{2} Q}{1.06} + \sum_{i=2}^{L} \left[ \frac{(S + \frac{1}{2} Q) + (i - 1)Q}{(1.06)^i} \right] \]

\[ S_{II} = \frac{B}{C} \]
Typical HSIP Projects
Typical HSIP Projects
Typical HSIP Projects
Typical HSIP Projects
Wrong Way Driver (WWD) Mitigation Efforts
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- California DOT (Caltrans)
- Iowa DOT
- Wisconsin DOT
- Rhode Island DOT
- Massachusetts DOT
- Pennsylvania DOT
- Maryland DOT
- Ohio DOT
- Tennessee DOT
- Idaho DOT
- Arizona DOT
- North Texas Tollway Authority (NTTA)
- Utah DOT
- Illinois DOT
- Harris County Toll Road Authority (HCTRA)
- Florida DOT
- Massachusetts DOT
“They”

Is

“We”