TEXAS FREIGHT MOBILITY
PLAN IMPLEMENTATION

AAMPO Technical Advisory Committee (TAC)
The Freight Plan is TxDOT's first multimodal transportation plan that focuses on freight needs:

- Identifies freight transportation challenges and outlines investment strategies needed to address them
- Provides a vision for a safe, reliable, and efficient freight transportation system
- Identifies freight transportation investments critical to Texas’ economic growth and competitiveness
Texas’ Freight Transportation Challenges

CAPACITY/CONGESTION
Cost $1 billion, 7 freight bottlenecks

SYSTEM OPERATIONS
freight network, traffic management center

SAFETY
truck parking, at-grade rail crossings

CONNECTIVITY
between modes, urban/rural

INSTITUTIONAL COORDINATION
collaboration and partnerships

BORDER/PORTS – OF-ENTRY
congestion, wait times, coordination

PUBLIC AWARENESS/EDUCATION
economic impact of freight

FUNDING
invest in freight, alternative funding
Freight Plan Recommendations – Addressing the Challenges

- Three key recommendation categories:
  - Policies – enhance freight investment decision making
  - Programs – advance freight policies and address challenges
  - Projects – support policy goals and programs
The Texas Freight Network provides a strategic framework for statewide transportation investment decisions.

- Invest in corridors that provide the greatest gain.
- Link modal networks
- Design and maintain the Freight Network for future freight needs
Texas Freight Mobility Plan Program Recommendations

8 Key Categories Program Recommendations

1. Strategic freight planning initiatives and studies
   a) Freight-Centric design guidelines
   b) Truck Parking Needs Assessment Study
   c) Economic Impact of freight

2. Education and public awareness

3. Technology and operations

4. Border and Ports-of-Entry

5. Highway

6. Rail

7. Ports and Waterways

8. Aviation
Freight Plan Project Recommendations

- 1,225 projects under development
- Estimated total cost of $49 billion

### Number of Projects

<table>
<thead>
<tr>
<th>Type</th>
<th>Projects</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highway</td>
<td>878</td>
<td>72%</td>
</tr>
<tr>
<td>Rail</td>
<td>34</td>
<td>3%</td>
</tr>
<tr>
<td>Ports and Waterways</td>
<td>129</td>
<td>10%</td>
</tr>
<tr>
<td>Air Cargo</td>
<td>140</td>
<td>11%</td>
</tr>
<tr>
<td>Border/POE</td>
<td>44</td>
<td>4%</td>
</tr>
</tbody>
</table>

### Estimated Cost (in millions)

<table>
<thead>
<tr>
<th>Type</th>
<th>Cost</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highway</td>
<td>$36,585</td>
<td>82%</td>
</tr>
<tr>
<td>Rail</td>
<td>$2,166</td>
<td>5%</td>
</tr>
<tr>
<td>Ports and Waterways</td>
<td>$549</td>
<td>1%</td>
</tr>
<tr>
<td>Air Cargo</td>
<td>$2,794</td>
<td>6%</td>
</tr>
<tr>
<td>Border/POE</td>
<td>$2,734</td>
<td>6%</td>
</tr>
</tbody>
</table>
FREIGHT PLAN IMPLEMENTATION

Since Adoption In Jan. 2016
Freight Mobility Plan – Highway Project Implementation

TFMP Highway Projects
878 Total

655, 75%
154, 17%
69, 8%

- Letting FY16
- Letting FY17
- Not Yet Let
Fiscal Year 2016:

- 10 projects from the Texas Freight Mobility Plan submitted for $98.6 million apportionment for Texas under the National Highway Freight Program.

- Projects submitted meet the following criteria:
  - FHWA-designated Primary Highway Freight System
  - Included the Texas Freight Mobility Plan
NHFP Project: San Antonio, I-35 Bridge and Approaches

- Bridge has been repeatedly hit by over-height vehicles due to 14’6” clearance.
- I-35 is the most utilized trade corridor in the state and nation.
  - Backbone of the NAFTA trade route from Mexico to Canada.
  - Projected growth for this segment from 34 million annual tons of goods movement in 2010 to 104 million tons by 2040.
- The new bridge will be higher at both ends and allow future widening of I-35 corridor underneath.
- NHFP Freight Funding: $4,022,200
- Federal share of total project cost: 100%
- Construction Let: April 2016
- Construction Start: June 2016
### 2016 FAST Act Discretionary Grant Applications

#### I-35W North Tarrant Express Segment 3C

<table>
<thead>
<tr>
<th>Project Name: I-35W North Tarrant Express Segment 3C</th>
<th>FASTLANE Grant Application</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Previous HCFP Project Cost</td>
</tr>
<tr>
<td></td>
<td>Future Eligible Project Cost</td>
</tr>
<tr>
<td></td>
<td>Total Project Cost</td>
</tr>
<tr>
<td></td>
<td>NSFP Proposal Request</td>
</tr>
<tr>
<td></td>
<td>Total Federal Funding (Including NSFP)</td>
</tr>
</tbody>
</table>

- Does the project include a previous HCFP project? Yes
- Is the project a portion of the project currently located on National Highway Freight Network? Yes
- Is the project a portion of the National Highway System? Yes
- Is the project a significant step toward a complete rail route? No
- Does the project component include a railway-highway grade crossing or grade separation project? Yes
- Does the project include an interchange or rail freight project? No
- Is the project a portion of the project currently located on National Highway Freight Network? Yes
- Is the project a portion of the National Highway System? Yes
- Is the project a significant step toward a complete rail route? No
- Does the project component include a railway-highway grade crossing or grade separation project? Yes

#### Grand Parkway Segments H, I-1, and I-2

<table>
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<tr>
<th>Project Name: 301-99 (Grand Parkway - Segments H, I-1, I-2A and I-2B)</th>
<th>FASTLANE Grant Application</th>
</tr>
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<tbody>
<tr>
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- Does the project component include a railway-highway grade crossing or grade separation project? Yes

#### IH-35 Laredo Bundle

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</tr>
</thead>
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<tr>
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<td>Previous HCFP Project Cost</td>
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<td>Future Eligible Project Cost</td>
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- Is the project a portion of the National Highway System? Yes
- Is the project a significant step toward a complete rail route? No
- Does the project component include a railway-highway grade crossing or grade separation project? Yes

- **State:** Texas
- **Urbanized Area:** Laredo
- **Population of Urbanized Area:** 45,520

- **Project Key:**
  - **Project Category:** State Long Range Transportation Plan
  - **Project Number:** 301-99
  - **Project Name:** Grand Parkway Segments H, I-1, and I-2

- **Project Key:**
  - **Project Category:** State Long Range Transportation Plan
  - **Project Number:** IH-35 Laredo Bundle

- **Project Key:**
  - **Project Category:** State Long Range Transportation Plan
  - **Project Number:** IH-35W North Tarrant Express Segment 3C
DEVELOPING A FAST ACT COMPLIANT FREIGHT PLAN
Texas Freight Mobility Plan Update to include FAST ACT required provisions:

- Must be updated and submitted to USDOT by December 1, 2017
- **Critical Rural Freight Corridors** – A state identified network meeting certain requirements
- **Critical Urban Freight Corridors** – An MPO identified network, in consultation with the state
- Consideration of significant congestion or delay caused by freight movements and strategies to mitigate that congestion or delay
- **Fiscally Constrained Investment Plan (project listings)** – funding for completion of listed projects to be available within the time period identified in the freight investment plan.
Freight Plan Update

- **Tentative Freight Plan update timeline (12 months)**
  - Stakeholder engagement: Regional freight stakeholder workshops
  - Designate the Urban and Rural Critical Freight Corridors and submit to FHWA by December 2017
  - Update Texas Freight Network
  - Further address congestion and delay caused by freight movements and identify mitigation strategies.
  - Determine that included projects have sufficient funding.
  - Determine discretionary projects.

- **Updated Texas Freight Mobility Plan by October 2017 and submit to FHWA by December 1, 2017**
Contact Information

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