



Energy Sector Impacts to Texas' Transportation System

John A. Barton, P.E.

Deputy Executive Director

Texas Department of
Transportation

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Task Force Entities

- Texas Department Of Transportation
- Texas Department of Public Safety
- Texas Commission on Environmental Quality
- Railroad Commission of Texas
- Texas Department of Motor Vehicles
- Counties
- Texas Alliance of Energy Producers
- Texas Oil and Gas Association
- Texas Farm Bureau
- America's Natural Gas Alliance
- Association of Energy Service Companies
- The Wind Coalition
- Texas Independent Producers & Royalty Owners Association
- Texas Motor Transportation Association



Responsibilities of this Task Force

- Coordination of efforts
- Support of agency activities
- Sharing of information
- Identify opportunities for innovation
- Identify opportunities for partnerships
- Identify potential solutions to common issues



Task Force Priorities

- Safety
- Funding
- Public Awareness
- Prevention
- Innovation



“Recap” of Concerns

- Roadway Capacity & Damage
- Safety
- Increased Truck Traffic
- ROW Issues
- Environmental Concerns
- Bridge Impacts / Restrictions

April 26 Class Study
24 hour period

11244
SB off-ramp
ADT=2168
Trucks =984
45% Trucks

11243
NB on-ramp
ADT= 2176
Trucks =976
45% Trucks

11229
ADT=7452
Trucks =3951
53% Trucks

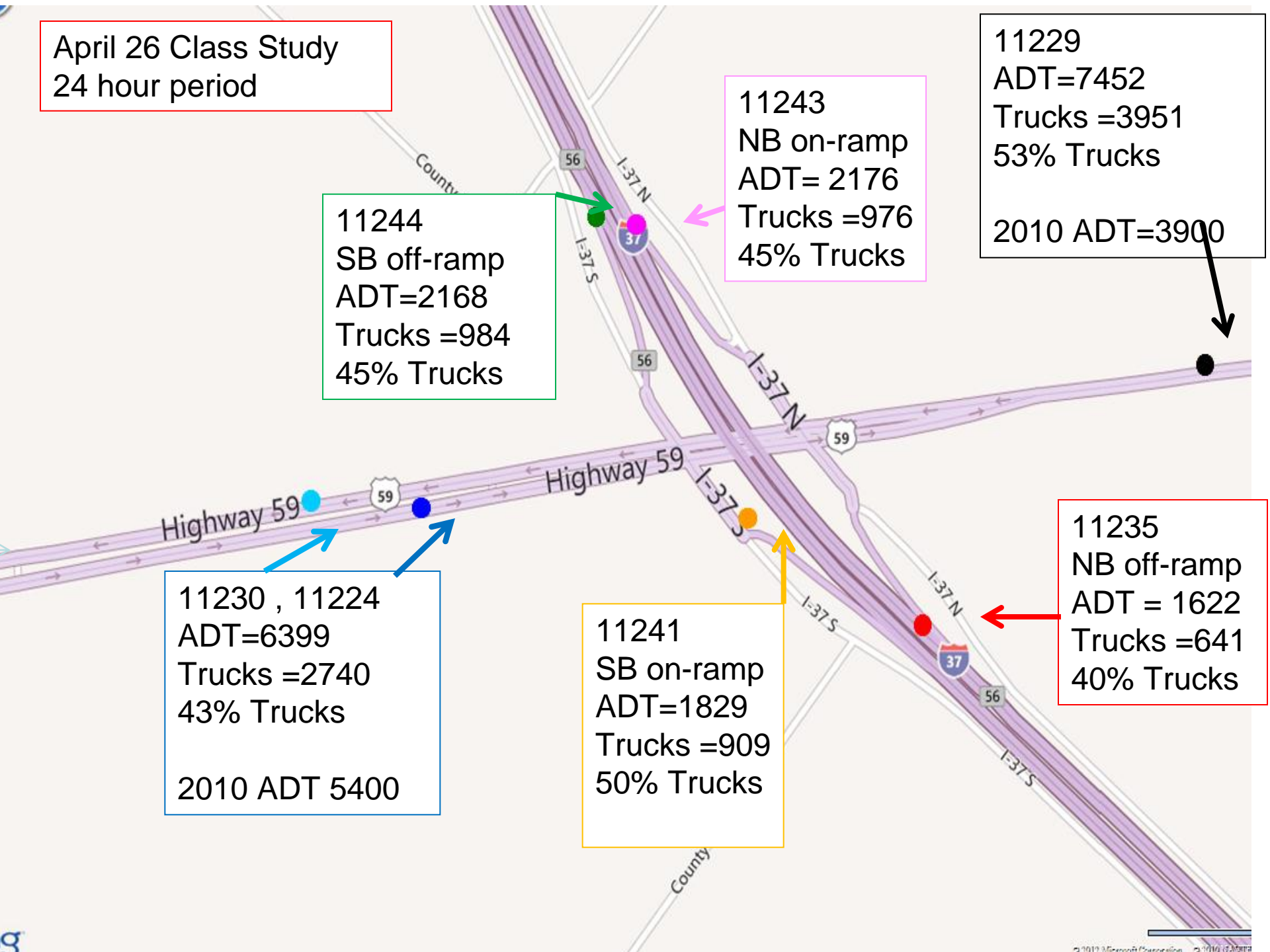
2010 ADT=3900

11230 , 11224
ADT=6399
Trucks =2740
43% Trucks

2010 ADT 5400

11241
SB on-ramp
ADT=1829
Trucks =909
50% Trucks

11235
NB off-ramp
ADT = 1622
Trucks =641
40% Trucks





Some Recent/Ongoing TxDOT Activities

- \$40 Million allocated to priority projects
- Developing a Task Force Web Page
- Developing a “Town Hall Meetings” Proposal
- Meeting held with DPS
- Additional “Speed Limit” guidance issued to TxDOT Districts to address impacted roadways
- Have established an Internal Task Force



Proposed Web Page

<http://webtest/roads-for-texas-energy/default.htm>



Proposed Town Hall Meetings

- Format
- Geographic Distribution
- Timing
- Media
- Staffing



TxDOT /DPS Meeting

- Additional enforcement in specific impacted areas
- Issue of finding a place for DPS troopers to stay – no available hotels
- Many times there is no place to safely pull a vehicle over
- If vehicle is impounded, where can they be “stored”?



Speed Limits

- Install Rough Road Warning Signs with Advisory Speed Plaques
- Establish a Regulatory Construction Speed Zone
- Perform an 85th Percentile Speed Study and Consider the Additional Roadway Factors



Speed Limits (Cont.)

- 430 Miles of Speed Zone Requests submitted for consideration in May
- Corpus Christi District – 353 Miles
- San Antonio District – 74 Miles
- Laredo District – 2 Miles



Speed Limits (Cont.)

- 108 Miles on Farm-to-Market Roads
- 131 Miles on State Highways
- 191 Miles on US Highways



Use of Dynamic Message Signs





Use of Speed Trailer Signs





TxDOT Internal Task Force

- Deputy Executive Director
- Maintenance, Construction, Traffic
- District Engineers
- Commission Office
- Research
- Legislative Affairs
- Public Involvement



Additional Activities

- Investigating ways to expedite the acceptance of donations by private entities
- Identifying and sharing Best Practices within TxDOT for addressing identified impacts
- Developing consistent access/driveway practices



Case Study

- Dimmit County
 - FM 2688 (12.61 Miles)
- Reactive vs. Proactive
 - Reactive: roads are fixed or maintained after damage has occurred.
 - Proactive: maintains roads before damage is done to preserve the quality of the road.



FM 2688 : Reactive vs. Proactive in 20 Years

<u>Scenarios</u>	<u>Reactive Cost</u>	<u>Proactive Cost</u>
0 more	\$13,756,000	\$2,004,536
1 more	\$19,271,448	\$2,004,536
5 more	\$23,303,952	\$4,654,149
10 more	\$27,452,880	\$5,723,553

Note: Scenarios refer to the additional numbers of well permits assumed



Public Awareness Campaign

- Purpose/Message
- Audience
- Targeted Area(s)
- Media (Newspaper, Billboards, Radio, etc.)



Potential Subcommittees

- Safety
- Funding
- Public Awareness
- Prevention/ Innovation



Questions/Discussion