

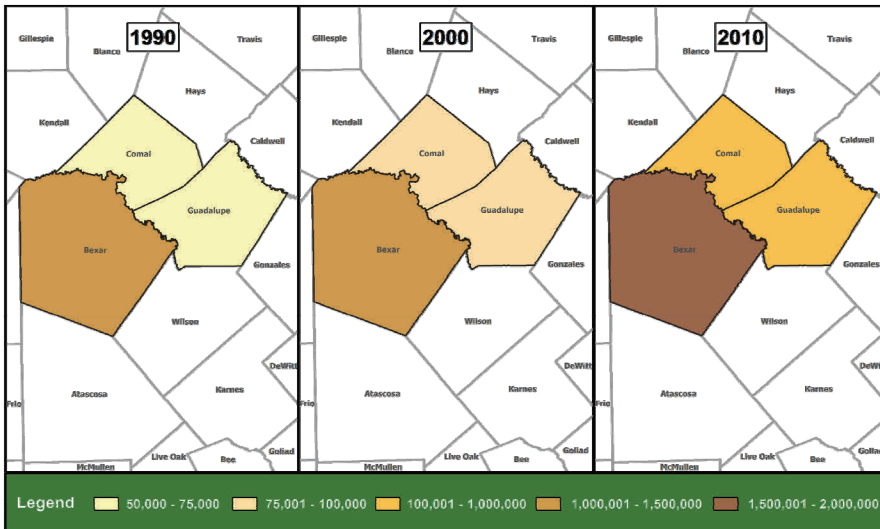


# IH 35 Planning and Environmental Linkages (PEL) Study Public Workshop #1



## IH 35 Facts

### Population Change in Bexar, Guadalupe, and Comal Counties (1990-2010)



Source: U.S. Census Bureau (1990, 2000, 2010)

### Existing IH 35 Facility

- Six to eight divided main lanes with 10-12-foot shoulders.
- Continuous frontage roads with shoulders up to eight feet wide.

### Population Growth

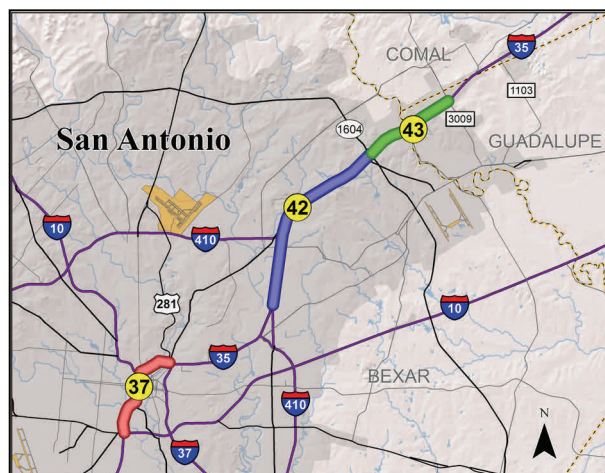
- Total population increased by 50% between 1990 and 2010 in Bexar, Comal, and Guadalupe Counties.
- Population in Comal and Guadalupe Counties more than doubled between 1990 and 2010.
- Population in 3-county area is projected to increase between 11% to 27% by 2035.\*

\* Source: Texas State Data Center 2008 0.5 and 1.0 Projection Scenarios

County	1990	2000	2010	Total Change (1990-2010)	Percent Change (1990-2010)
Bexar	1,185,394	1,392,931	1,714,773	529,379	<b>44.7%</b>
Comal	51,832	78,021	108,472	56,640	<b>109.3%</b>
Guadalupe	64,873	89,023	131,533	66,660	<b>102.8%</b>
<b>Total</b>	<b>1,302,099</b>	<b>1,559,975</b>	<b>1,954,778</b>	<b>652,679</b>	<b>50.1%</b>

Source: U.S. Census Bureau (1990, 2000, 2010)

Rankings on Texas' "Most Congested Roadways" List for 2010

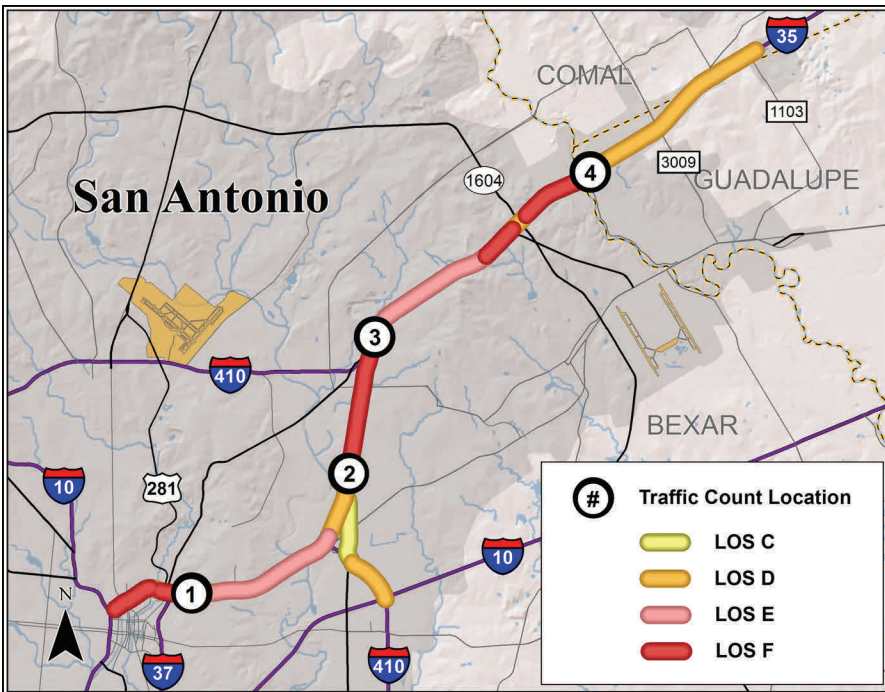


### Congestion

- Two of the most congested roadway segments in Texas in 2010 were located within the IH 35 PEL study area; a third segment was just south of the study area:
  - #42: IH 410 to Loop 1604
  - #43: Loop 1604 to FM 3009
  - #37: Loop 353 to US 281

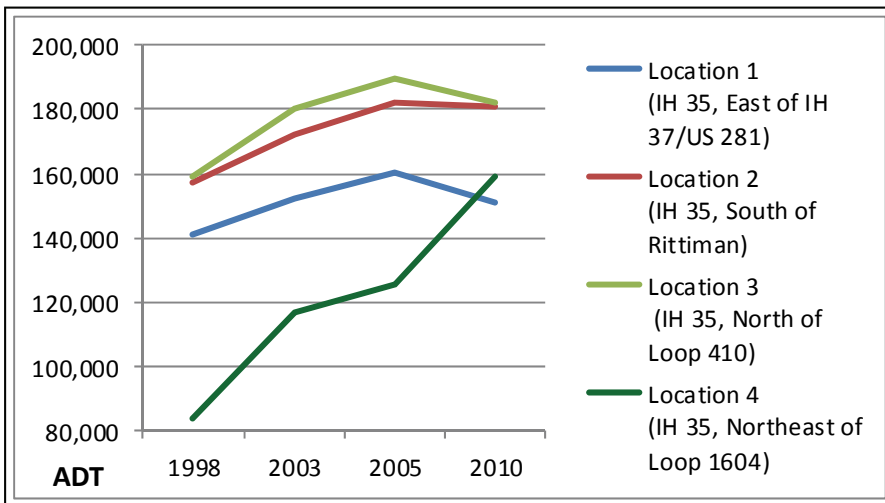
Source: TxDOT's 100 Most Congested Roadways List, 2011

## Peak Hour Levels of Service within the IH 35 PEL Study Area, 2010

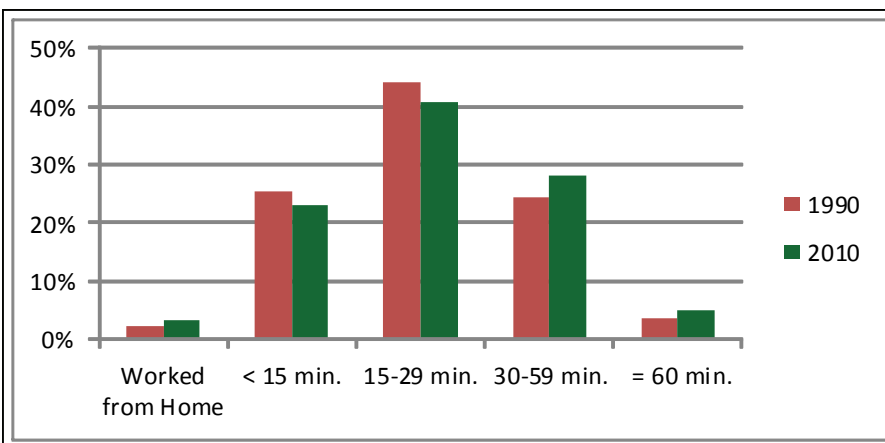


Source: Level of Service calculations based on TxDOT TP&P's 2011 Roadway Inventory File

## Historical Average Daily Traffic Volumes in the IH 35 PEL Study Area



## Travel Time to Work in Bexar, Guadalupe, and Comal Counties



## Level of Service

Level of Service (LOS) is a measure of operational conditions along a roadway section during peak travel hours (generally from 7:00 AM—9:00 AM and from 4:00 PM—6:00 PM). It is reported on a scale of A through F, with LOS A indicating free-flow travel operations, gradually declining to highly congested operations at LOS F.

- In 2010, approximately 75% of the peak hour travel within the study area was operating at LOS E and F.

## Average Daily Traffic Volumes

- Average Daily Traffic Volumes (ADT) increased an average of 24% from 1998 to 2010 (ranging from 7% to 89% at four locations along IH 35 in the study area).
- Within the study area, 2010 truck volumes made up approximately 8% to 10% of the total daily traffic volume on IH 35, ranging from 9,000 to 14,000 trucks per day.
- In some locations, 2010 traffic counts were already approaching previously forecasted traffic counts for 2030.\*

Sources: 1998-2008 Traffic Counts - TxDOT TP&P Division; 2010 Year End TxDOT Roadway Inventory File, TxDOT-TP& P Division, AADT Count Maps; \*2030 Forecast ADT - IH-35 Managed Lanes Project (Initial Conceptual Alternatives Studies - Phase 1), 2007.

## Travel Time to Work

- In 2008, over 265,000 workers in Bexar, Comal, and Guadalupe Counties traveled 30 minutes or longer to work.
- Approximately 635,000 (79%) of workers in the 3 counties drove to work alone in 2008.

Source: U.S. Census Bureau (1990); American Community Survey 2005 - 2009

