

## Building a Quality Arizona Statewide Transportation Planning Framework



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## What does it mean to Build a Quality Arizona?

- Utilize Long-Range Planning Horizon (2050)
- Integrate Technical Analyses with Community Issues into Needs Based Planning Process
- Consider the Relationships between Land Use, Transportation and Economic Vitality
- Work With Partners and the Community Statewide for a Collaborative Vision That Reflects Arizona's Values
- Think Carefully About Desired Lifestyle and Legacy Left for Future Generations

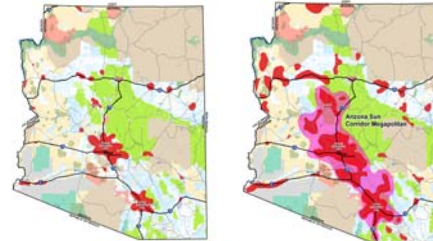


## Arizona's Transportation Reality

- Construction costs up 60% over last 5+ years in Arizona
- Federal and State Fuel Tax Value Steadily Eroding
- Federal Transportation Funding Expiring
- Outside Maricopa and Pima Counties, ADOT Focuses Only on Maintenance in the Near Future
- Cost of Fuel Dramatically Increasing
- Transportation Contributes 35%-45% of all Greenhouse Gas Emissions



## Arizona's Potential for Growth



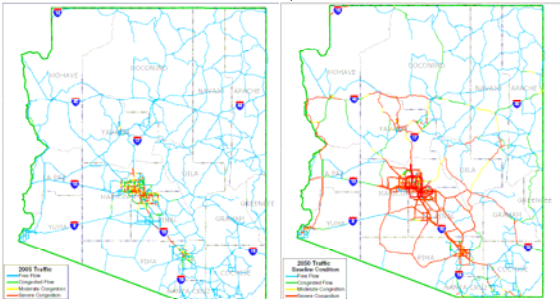
2005 Growth Areas  
Population: 5.1 million

2050 Growth Areas  
Population: 14.1 million

## Arizona is a Major Gateway to the United States from California Ports

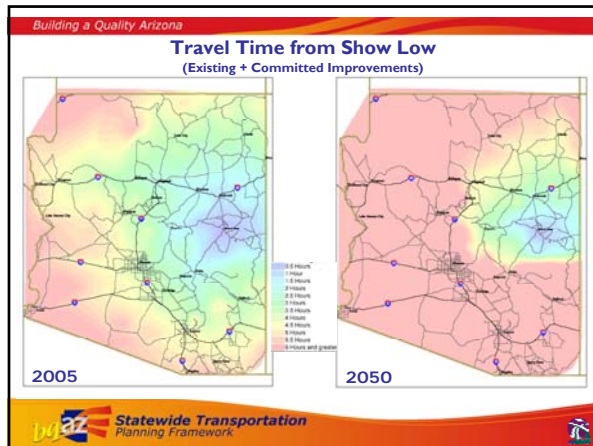


## Congestion Projections: Baseline Condition



2005 Traffic Congestion

2050 Traffic Congestion  
(Existing + Committed Improvements)



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### A process for the future . . .

- ADOT and MAG Regional Frameworks
- MAG and PAG RTP Updates
- MAG Transit Framework and PAG High Capacity Transit Studies
- MAG Commuter Rail Study
- Rail Framework Study
- Statewide Transportation Planning Framework

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### Activities To-Date

- Gather Community Issues and Document Ideas (big picture; February-May 2008)
- Develop Evaluation Criteria to Compare Scenarios (June-August 2008)
- Develop Framework Scenarios (September-November 2008)
- Present Scenarios and Evaluation to Community (mid-November 2008)
- Modeling and Evaluation of Regional Scenarios (December 2008-January 2009)
- Preparation and Evaluation of Statewide Scenarios (February 2009)

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### Scenario Planning Goals

- Foster Safe and Efficient Mobility
- Achieve Sustainable Urban Development Pattern
- Reduce Greenhouse Gas Production
- Support Energy Independence (Security)
- Improve Overall Quality of Life
- Integration of bqAZ into the Long-range Transportation Plan

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### Scenario A: Personal Mobility Emphasis

- Baseline Condition
- Selection of Appropriate Project Elements From Statewide Transportation Investment Strategy (STIS)
- Alternative Vehicular Technologies With Clean and Affordable Fuels Become Pervasive in Fleet
- Land Use Consistent With Current Plans

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### Scenario B: Transit Mobility Emphasis

- Baseline Condition
- Selection of Appropriate Project Elements from STIS
- Fuel Costs Continue to Increase and Vehicle Technology Improves Somewhat
- Major Emphasis on Use of Public Transit for Regular Trip-making
- Land Use Consistent with Current Plans

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## Scenario C: Focused Growth Emphasis



- Baseline Condition
- Selection of Appropriate Project Elements from STIS
- Combines Mix of Technology Improvement and Increased Public Transit Use
- Intensification of Land Use Densities Resulting in More Compact Urban Form Tested in Larger Communities, with Land Use Remaining Constant in Smaller Communities



## Statewide Scenarios Next Steps

- Border States Input
- Interest Groups Input
  - Economic Development
  - Environmental/Natural Resources
  - Tribal Communities
  - Sustainable Planning Professionals
  - Resources Agencies
  - Development Community
  - Major Freight Users
- Committee Inputs
  - RAT/Management Committee
  - Framework Policy Committee
  - Regional Technical Advisory Teams
- Modeling Refinements



## Thank You Very Much

For more information, please visit:

Statewide Transportation Planning Framework Program  
[www.bqaz.gov](http://www.bqaz.gov)

