

Building a Quality Arizona Statewide Transportation Planning Framework



Framework Policy Committee

April 15, 2009

Agenda

Welcome	Felipe Zubia
Old Business	Jim Zumpf
• Complete Streets Workshop	
• Work Program/Key Milestones Review	
• Funding Resources White Paper	
• Border States Consultation Report	
• Common Interest Workshops Summary	
Vision/Mission, Guiding Principles	John McNamara
Preliminary Statewide Framework Scenarios	John McNamara
Rail Key Issues	Jose Bustamante
Other Items	
• Upcoming Meeting Dates/Locations	Felipe Zubia

Draft Vision Statement and Guiding Principles

Arizona Transportation 2050 Vision

***Building a Legacy** — Arizona's multimodal transportation system reflects the value that all Arizonans place on our unique southwestern lifestyle, the extraordinary places we call home, and the natural resources that define us as a state. We will move people and goods safely and efficiently in a way that promotes a balanced and sustainable growth pattern, while positioning Arizona for economic sustainability. Arizona's statewide transportation system will connect communities, people and commerce in a way that enhances our quality of life, while ensuring that future generations can enjoy an even better Arizona than the one we know today.*

Guiding Principles

- *Improve mobility and accessibility*
- *Support economic growth*
- *Promote a sustainable development pattern that links land use and transportation*
- *Protect Arizona's environment and natural resources*
- *Ensure safety and security*

Improve Mobility and Accessibility

- Connect all Arizona activity centers, while linking the state nationally and globally
- Provide access to transportation options that are sensitive to environment and help reduce congestion
- Reduce traffic delay to enhance economic activity and provide more time for other pursuits
- Preserve capacity on the transportation system through:
 - Efficient operation and management
 - Effective use of technology and information
 - Closer coordination between land use and transportation
- Include cost-benefit considerations in transportation investment decision-making
- Actively address traffic congestion
- Incorporate all modes of transportation in planning
- Ensure transportation system is accessible to all users, including young, elderly, disabled and economically disadvantaged persons

Support Economic Growth

- Build a seamless transportation system that moves people and goods to ensure Arizona's economy is competitive and thriving
- Provide an integrated system of roads, transit, passenger rail, non-motorized modes, aviation and freight options
- Link regional activity and employment centers through multimodal transportation options
- Develop a transportation system that supports current and emerging statewide economic opportunities
- Develop interstate and international transportation connections that foster enhanced economic activity
- Provide intermodal facilities that accommodate movement between air, rail and highway vehicles
- Improve transportation connections to airports throughout the state
- Improve high priority freight corridors

Promote a Sustainable Development Pattern that Links Land Use and Transportation

- Strengthen the relationship between land use and transportation
- Connect activity/employment centers statewide
- Support infill development and revitalization through investments that focus growth
- Use transportation infrastructure as a tool to direct growth
- Work with local, county and tribal governments to plan for regional traffic impacts of major developments
- Coordinate efforts to identify, preserve and obtain required future system right-of-way
- Model and demonstrate smart growth practices that link land use and transportation for communities of all sizes

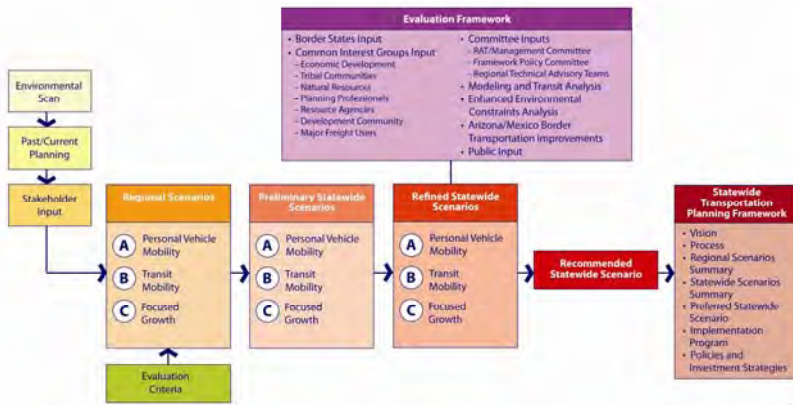
Protect Arizona's Environment and Natural Resources

- Ensure that the green infrastructure (the natural environment) is considered an integral component of transportation system development
- Implement context sensitive planning and design to achieve smart growth principles and long-term sustainability
- Encourage development patterns and transportation solutions that reduce greenhouse gas emissions, improve air quality, and foster energy security

Ensure Safety and Security

- Design, build, operate and maintain transportation system that promotes safety and security
- Maintain and enhance transportation safety, reducing crashes, injuries and fatalities
- Address high-priority safety improvements in the statewide transportation system
- Improve safety and reduce risks as more freight moves in and through the state
- Coordinate comprehensive planning for hazardous waste movement through the state
- Address national security issues that arise as a result of Arizona's international border location

Statewide Scenarios Refinement



Scenario A: Personal Vehicle Mobility



- 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



Scenario B: Transit Mobility



- 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



Scenario C: Focused Growth



- 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



Rail Framework Status

- Outreach efforts
- Existing conditions and studies review
- Passenger and freight demand forecasting
- Preliminary identification of key issues
- Next steps



Preliminary Rail Issues Identification and Discussion

Preliminary Key Issues

- Systems planning
- Policy
- Operations
- Project implementation
- Sustainability



Key Issue: Systems Planning

- Identification and distribution of demand
- Coordination with commuter rail planning
- Multimodal connections
- Mode shift
- Emerging new international markets
- Customs/Homeland Security
- Interstate coordination
- Right-of-way preservation



Key Issue: Operations

- Safety
- Shared rights-of-way
- Motive power and technology issues
- Positive Train Control (PTC)
- Noise
- Class I/shortline railroads and branch connections interface



Key Issue: Project Implementation

- Construction schedules/implementation timeframes
- Funding sources
- Environmental clearance
- Economic development opportunities
- Authority and responsibility
- Planned new facilities
- Public/stakeholder support



Key Issue: Sustainability

- Energy efficiency
- Clean technologies
- Focused growth
- Long-term viability



Key Issue: Policy

- Rail as a transportation priority
- Passenger and freight relationship
- Federal and state oversight relationships
- Land use policy
- Cost allocation for rights-of-access
- Interstate operating agreements
- Competitive advantages
- Private sector investment
- Oversight and governance



Upcoming Framework Policy Committee Meeting Dates/Locations

Currently Scheduled Dates

June 17, 2009 – ADOT HRDC

July 16, 2009 – ADOT HRDC

September 16, 2009- ADOT HRDC

Coordinated Dates with State Transportation Board

June 18, 2009 – Cottonwood

July 17, 2009 – Payson

September 17, 2009- Snowflake



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Thank You Very Much

For more information, please visit:

Statewide Transportation Planning Framework Program

www.bqaz.gov



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