

Transportation Policy Committee
Maricopa Association of Governments
April 21, 2010

INTERSTATE 11 UPDATE



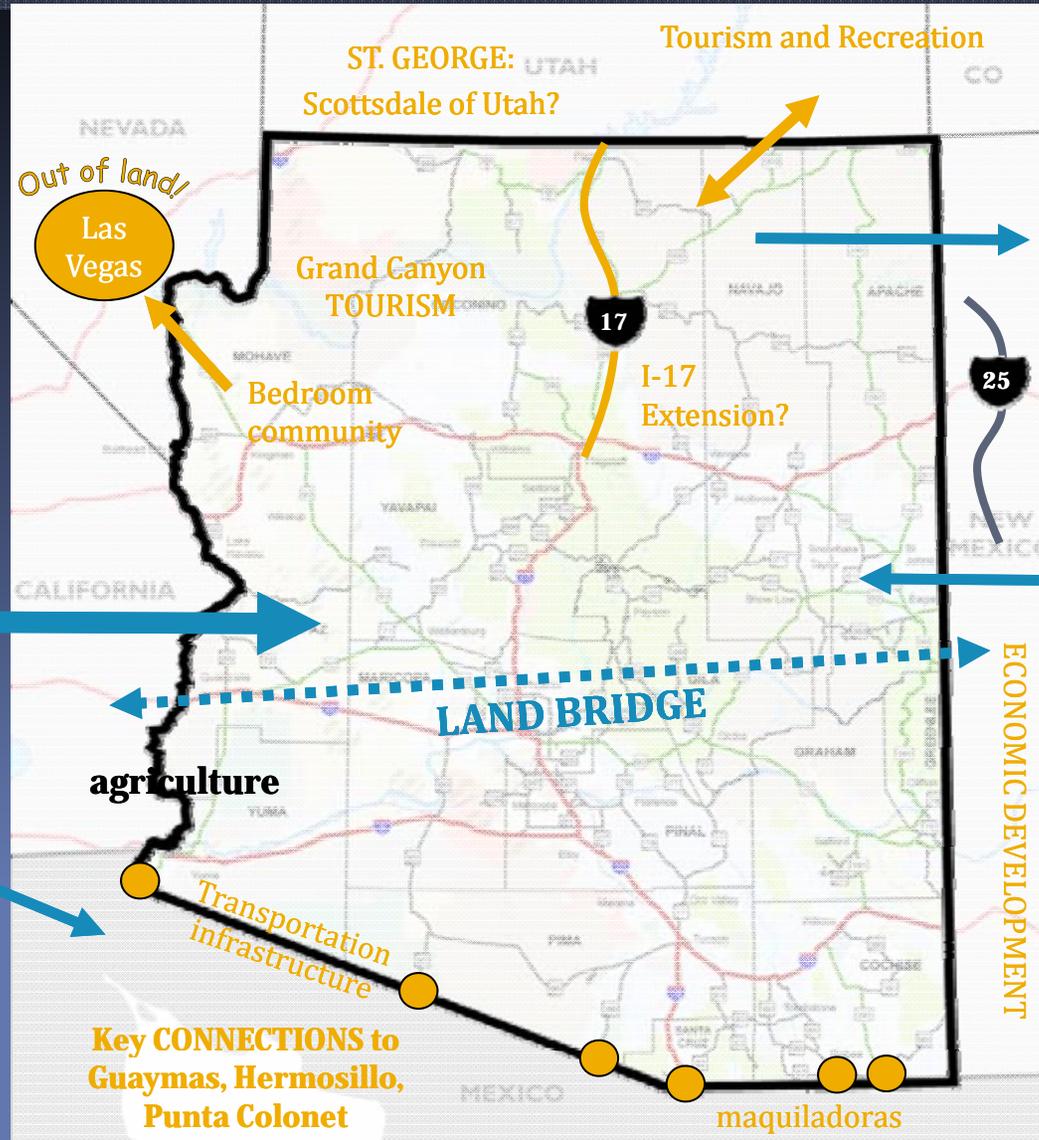
Bordering States

COG/MPO DISCUSSIONS

**California
Population:
60 M by 2050!**

**People
Businesses
Second homes
Tourists
Commercial
Vehicles**

Mexico's fastest growing states are in the north (Sonora, Chihuahua, and Nuevo Leon)



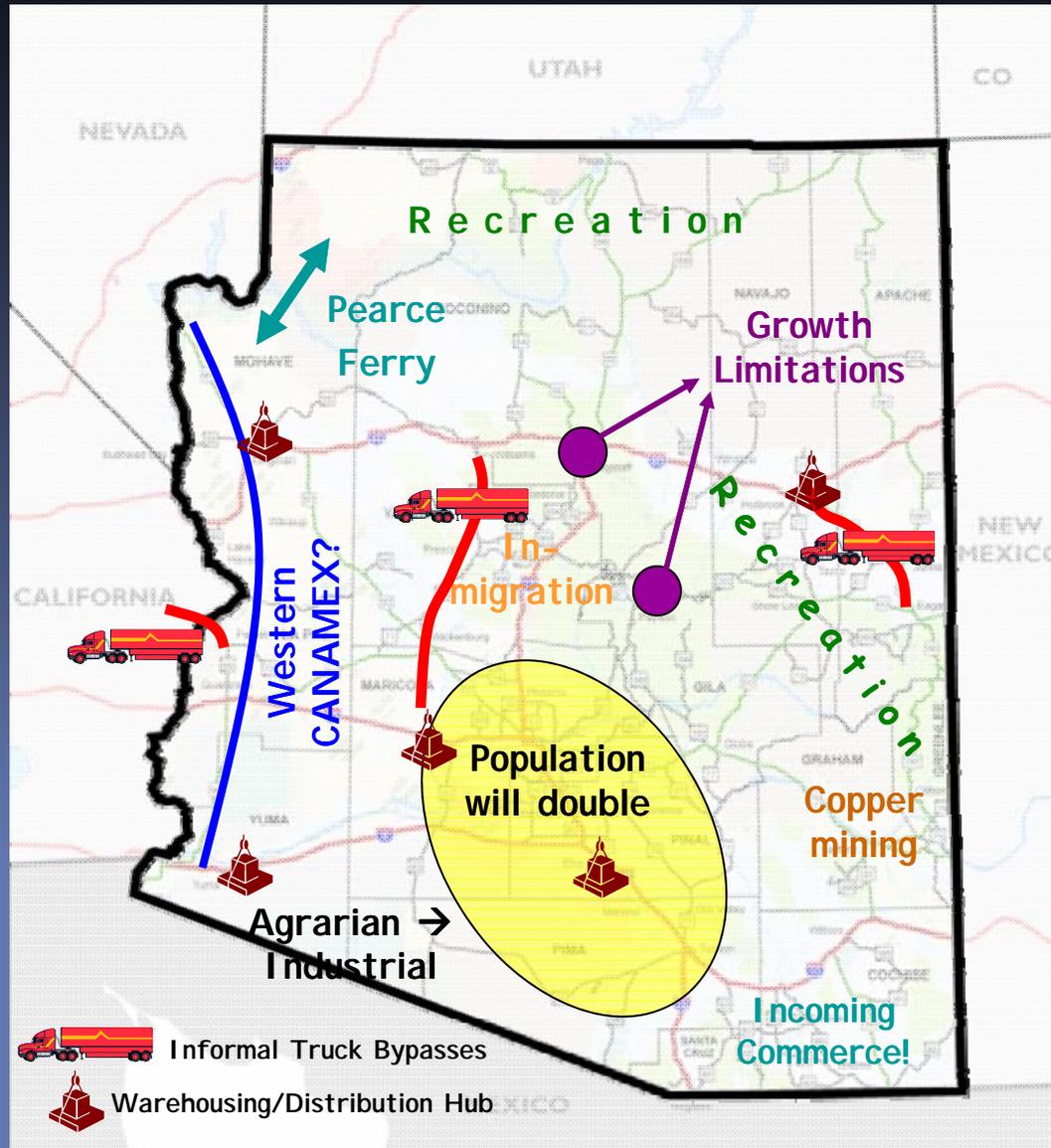
Navajo Nation relates more to New Mexico

High-tech industry along I-25

Eager/ Springerville provide shopping/ services to Western New Mexico

Arizona

COG/MPO DISCUSSIONS



- **Commercial Trucking**
 - Distribution throughout Southwest USA
 - Elevation in Central Arizona (SR-89/SR-69)
 - US-95/SR-95 Corridor
 - CANAMEX
- **Natural Resources**
 - Copper in Safford Area
- **Emerging Industries**
 - Welton Oil Refinery
 - Warehousing
- **Sun Corridor Megaregion**
 - Prescott
 - Phoenix
 - Tucson
- **Recreation and Tourism**

2006 Tonnage of Trailer-on-Flatcar and Container-on-Flatcar Intermodal Moves



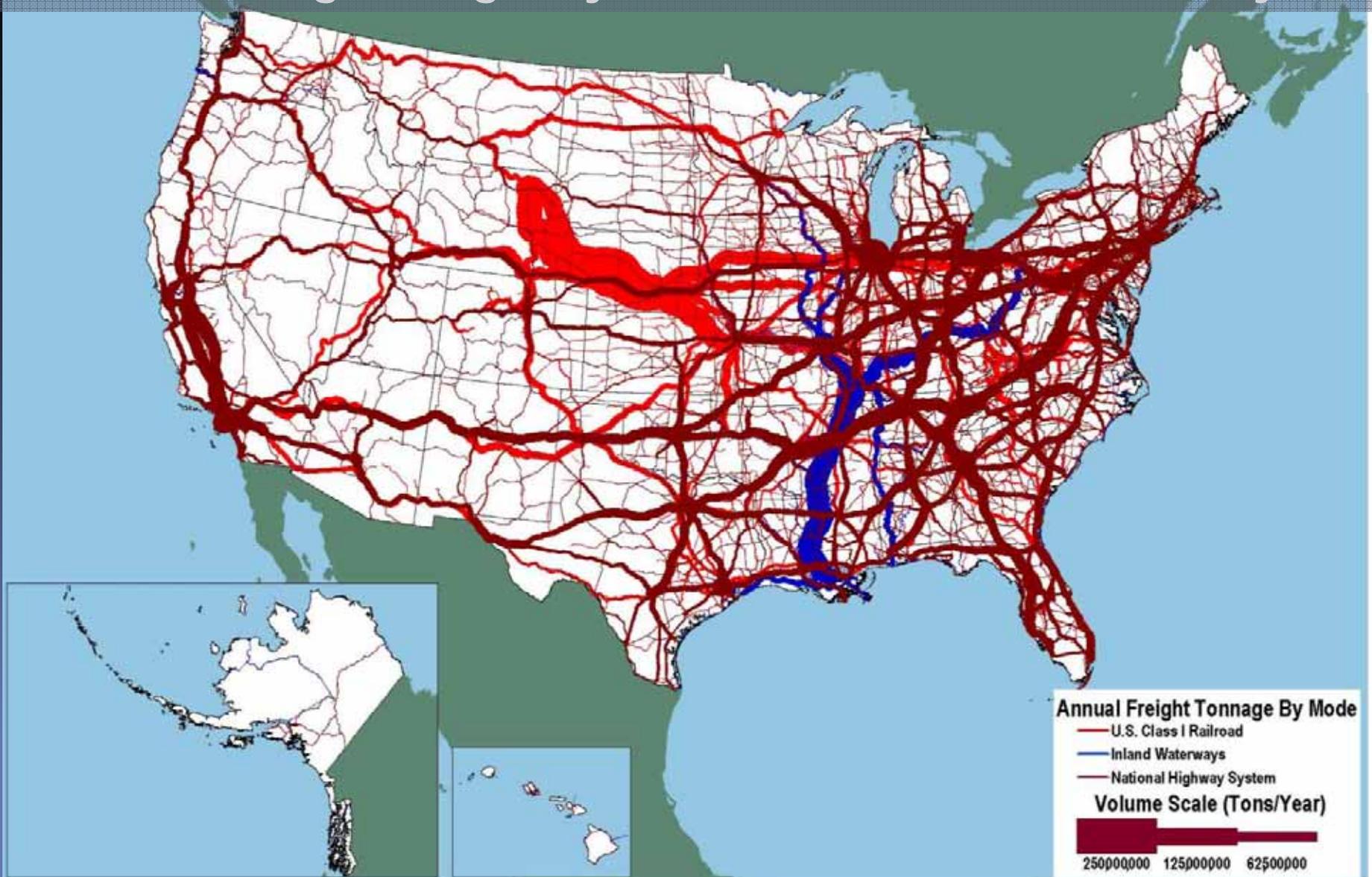
Source: U.S. Department of Transportation, Federal Railroad Administration, November, 2008.

2035 Major Truck Routes on the National Highway System



Note: AADTT is average annual daily truck traffic and includes all freight-hauling and other trucks with six or more tires. AADT is average annual daily traffic and includes all motor vehicles.
Source: U.S. Department of Transportation, Federal Highway Administration, Office of Freight Management and Operations, Freight Analysis Framework, version 2.2, 2007.

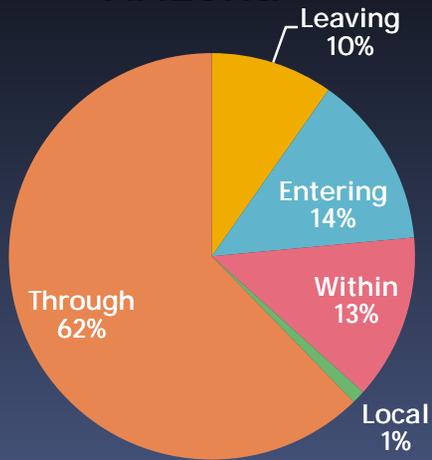
2002 Tonnage on Highways, Railroads and Inland Waterways



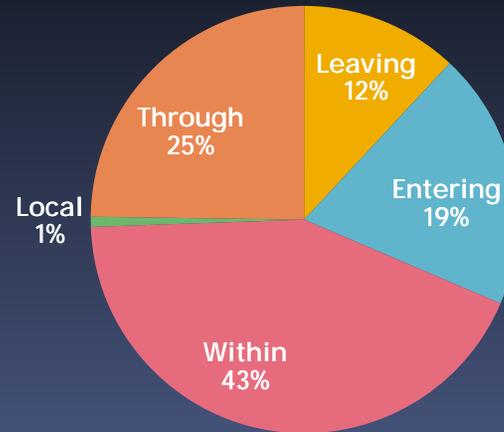
Sources: Highways: U.S. Department of Transportation, Federal Highway Administration, Freight Analysis Framework, Version 2.2, 2007. Rail: Based on Surface Transportation Board, Annual Carload Waybill Sample and rail freight flow assignments done by Oak Ridge National Laboratory. Inland Waterways: U.S. Army Corps of Engineers (USACE), Annual Vessel Operating Activity and Lock Performance Monitoring System data, as processed for USACE by the Tennessee Valley Authority; and USACE, Institute for Water Resources, Waterborne Foreign Trade Data, Water flow assignments done by Oak Ridge National Laboratory.

2002 Ton-Miles of Truck Shipment

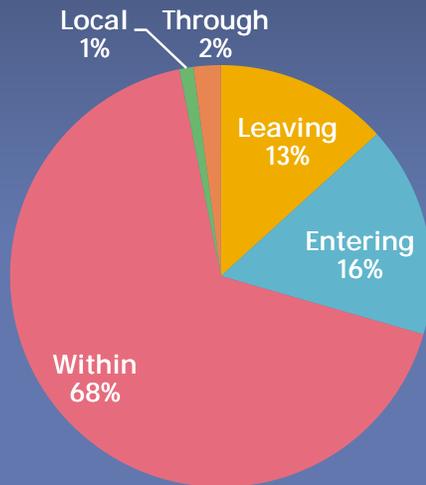
Arizona



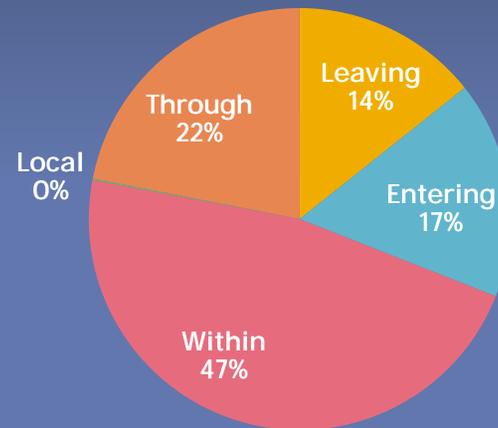
Colorado



California



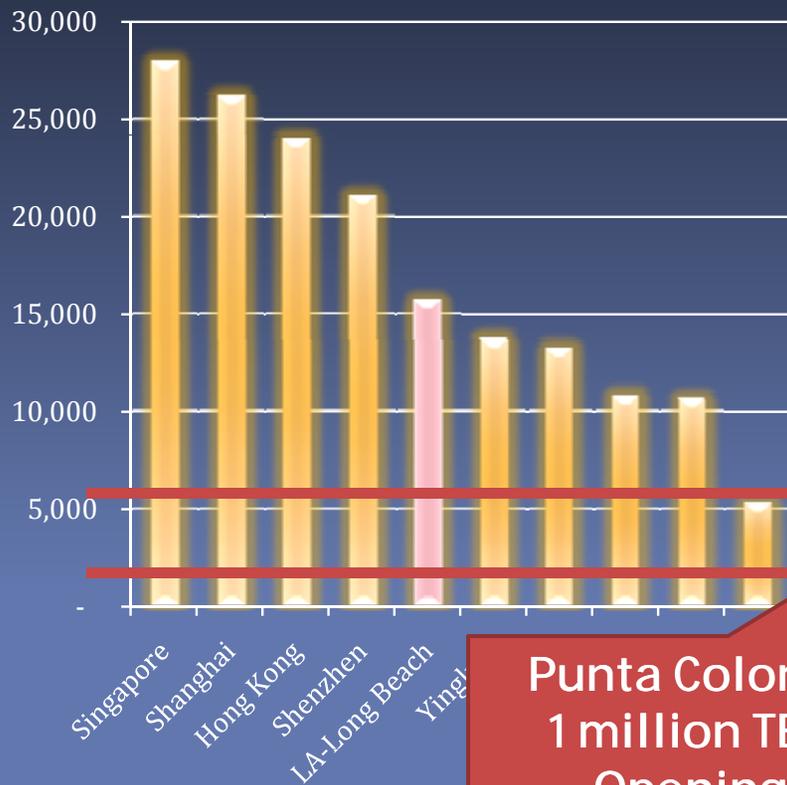
Texas



2007 Port Activities

World Ports

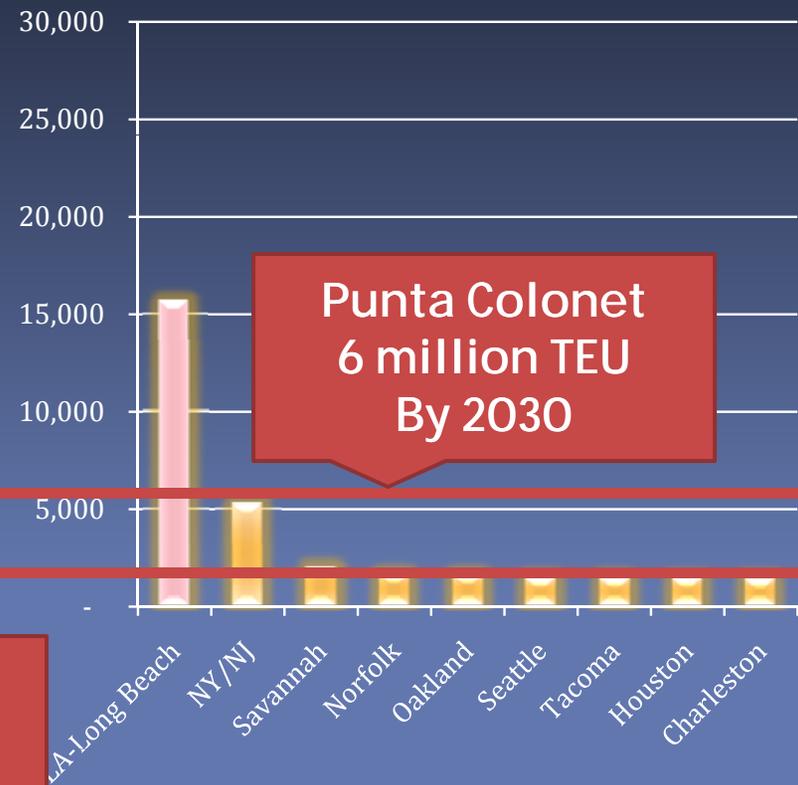
(Thousands of full and empty TEUs)



**Punta Colonet
1 million TEU
Opening**

U.S.A. Ports

(Thousands of full and empty TEUs)



**Punta Colonet
6 million TEU
By 2030**



TRANS-PACIFIC SHIPPING ROUTES AND APPROXIMATE TRAVEL TIMES



Approximate Travel Times in Days.
Source: Cambridge Systematics, ProLogis.

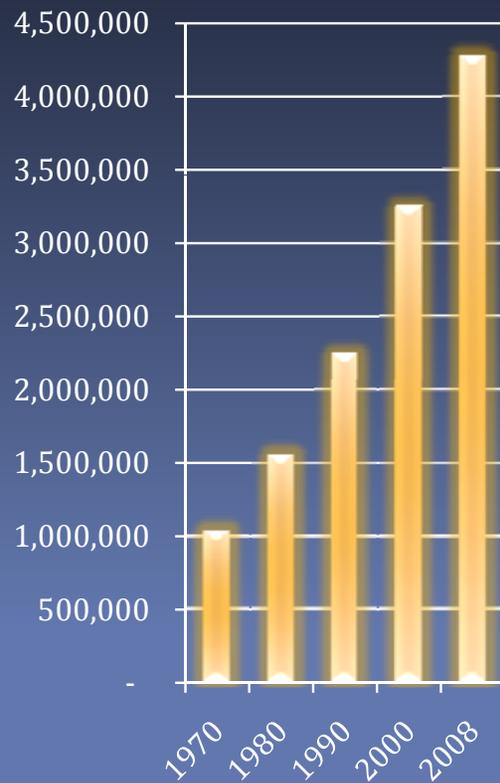


Inland Port Opportunities

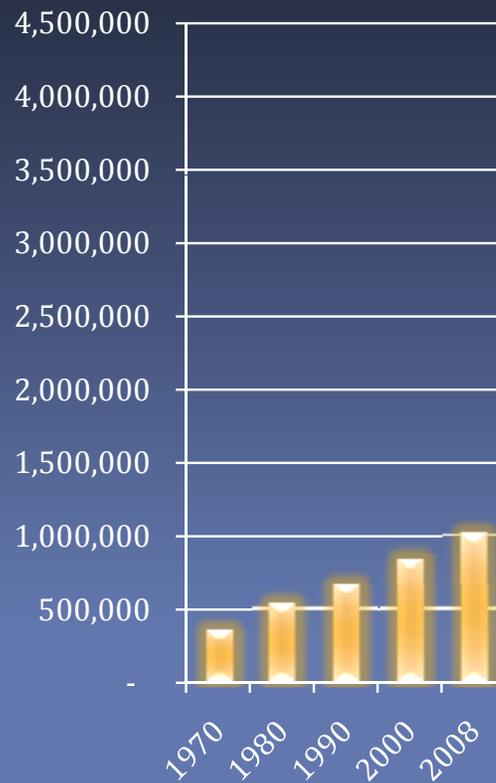


Metropolitan Growth

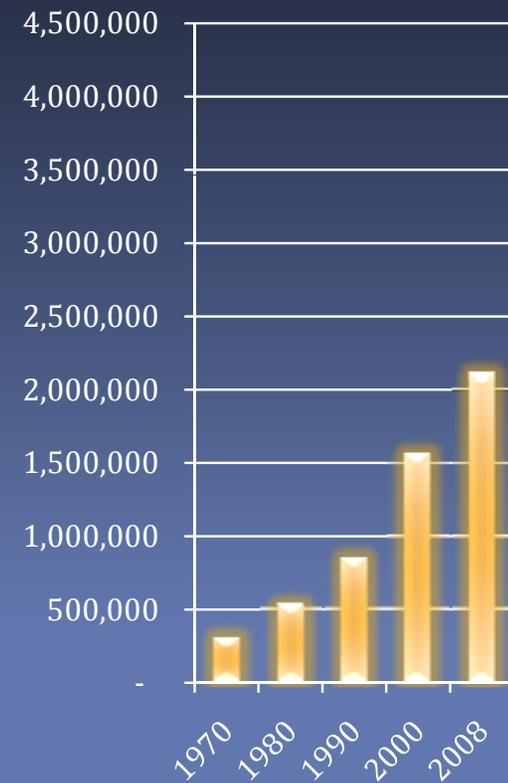
Phoenix-Mesa, AZ MSA



Tucson, AZ MSA



Las Vegas, NV-AZ MSA



Interstate Highway System

ISTEA and TEA21 High Priority Corridor Additions



Interstate Highway System

Interstate 11 Corridor



Gaps and Issues

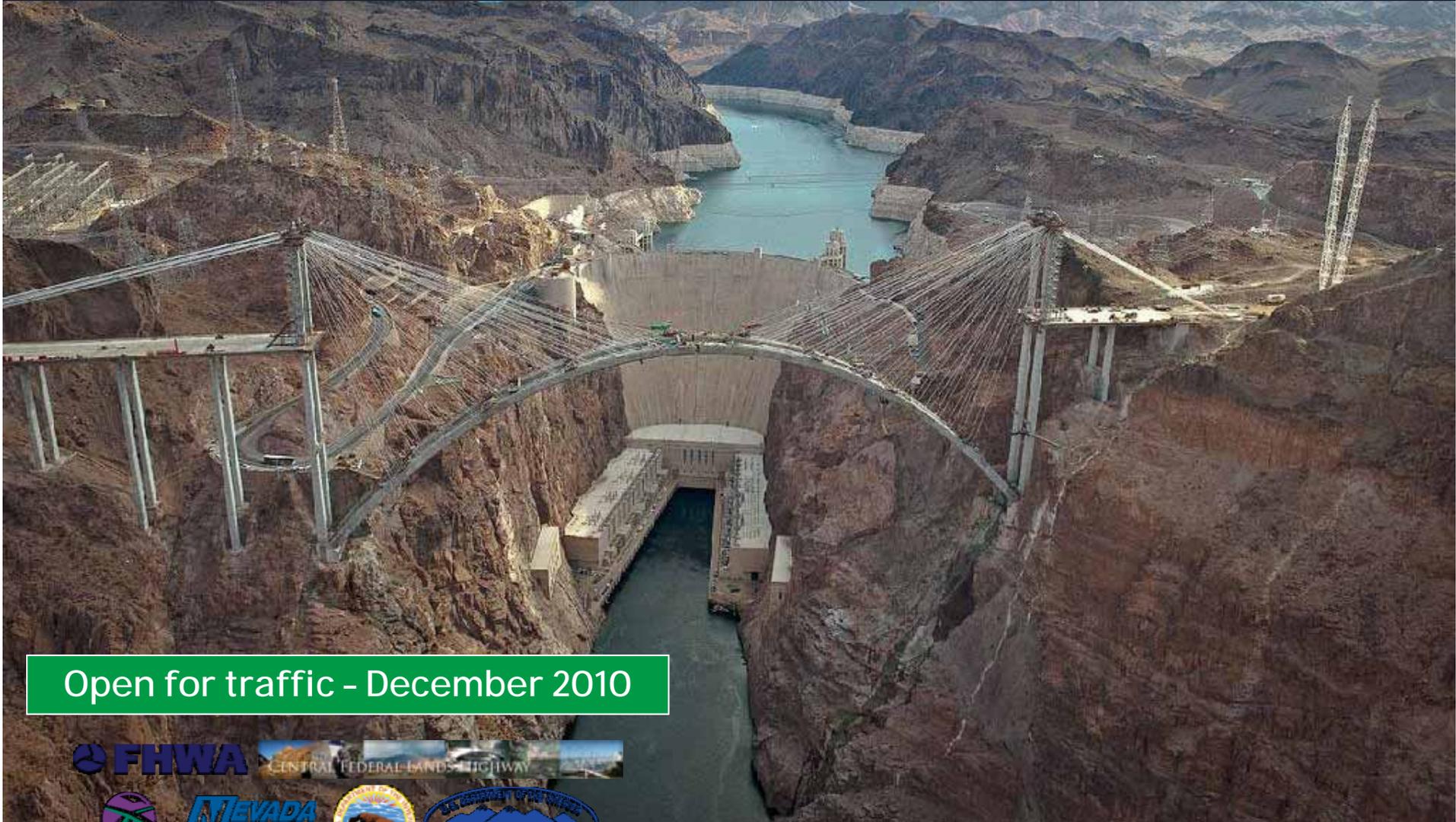
- Boulder City Bypass
- **Bridging the Colorado River at Hoover Dam**
- US-93 widening
- **Extension into Phoenix**
 - **Along Grand Avenue?**
 - **Bypass Phoenix?**



US-93, South of Hoover Dam.

US-93/Hoover Dam Bypass

Mike O'Callaghan - Pat Tillman Memorial Bridge



Open for traffic - December 2010

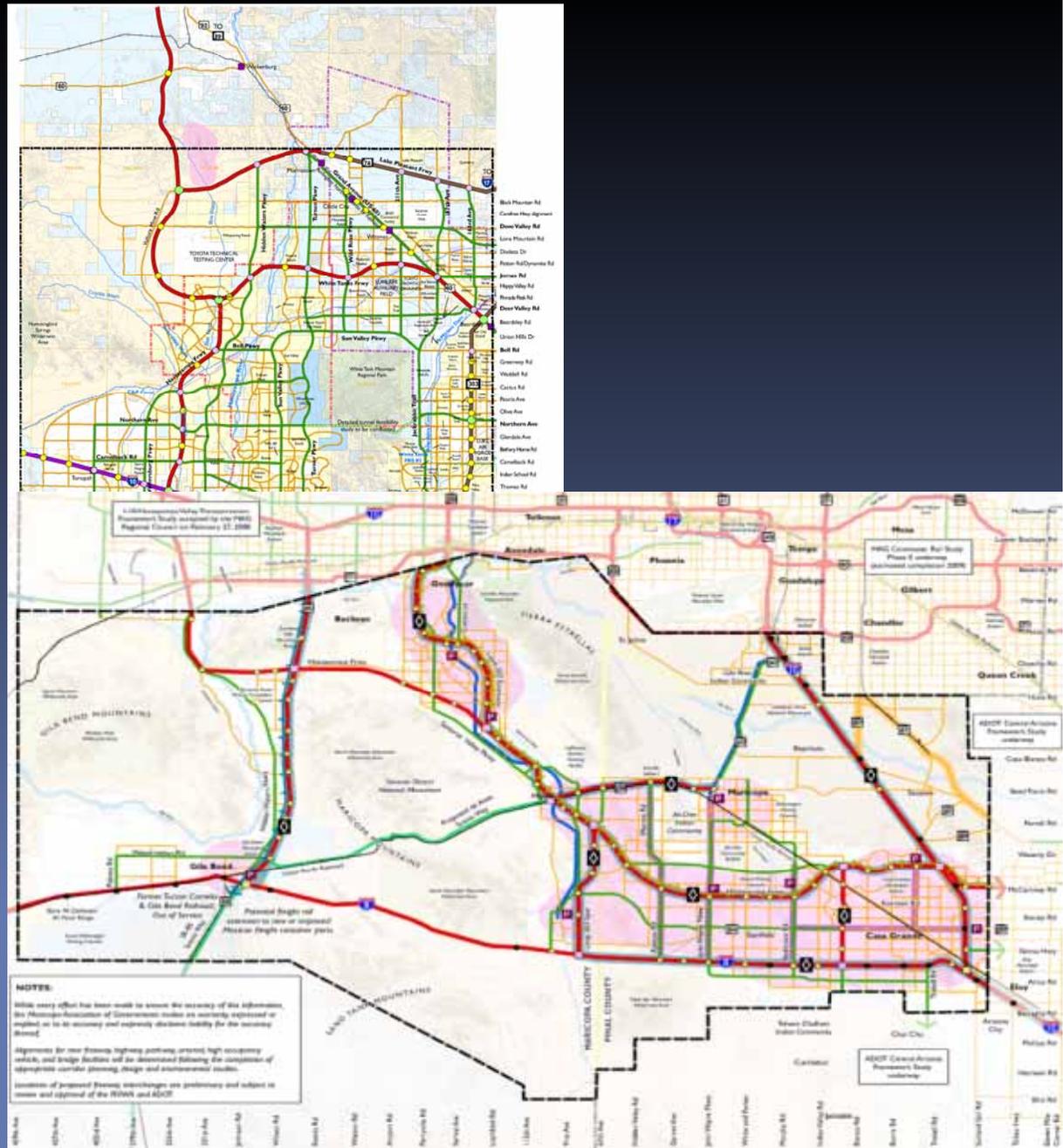


Hassayampa Framework

Accepted by the MAG Regional Council, February 2008.

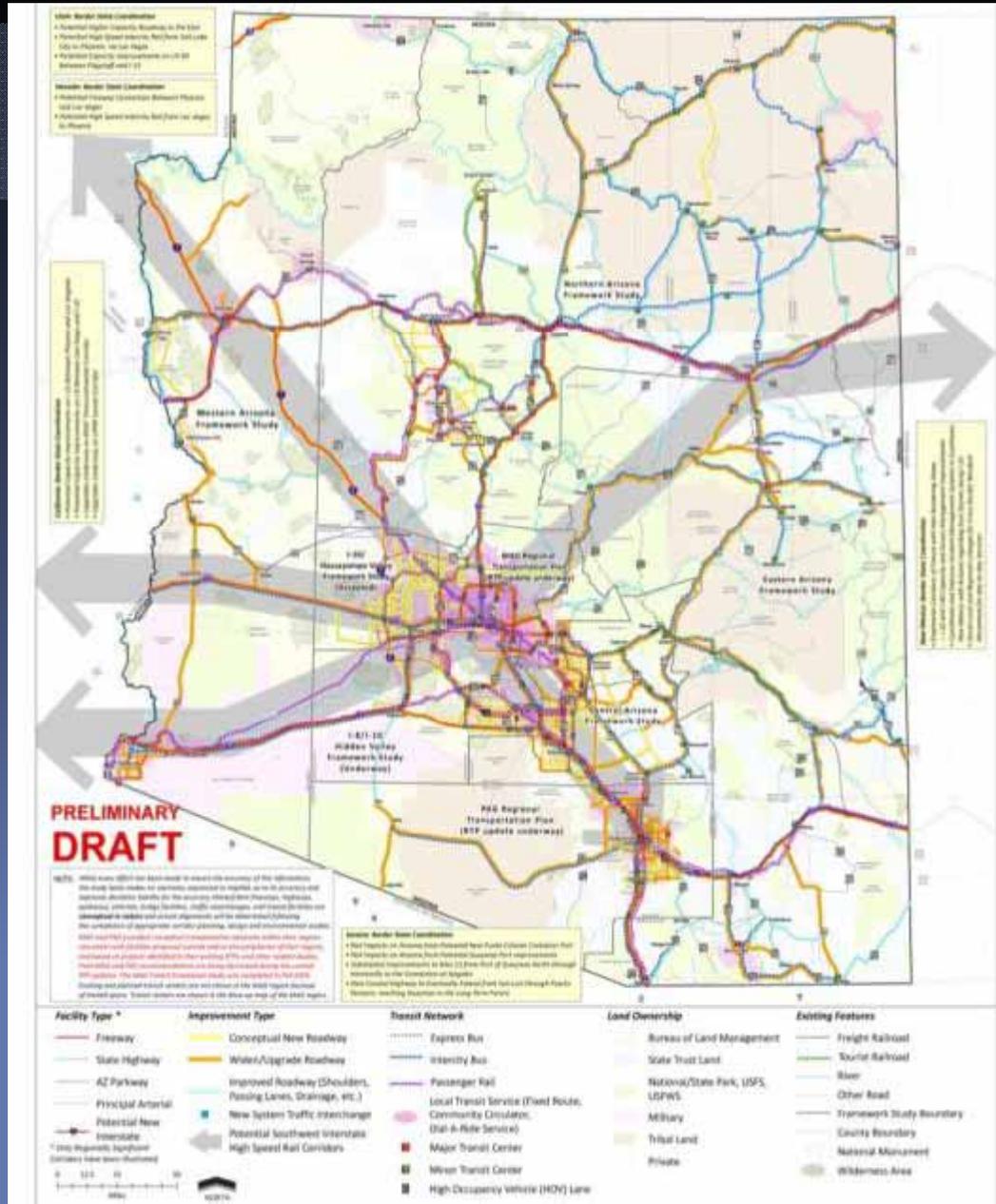
Hidden Valley Framework

Accepted by the MAG Regional Council, September 2009.



Statewide Framework

Accepted by the State Transportation Board, January 2010.



CAN-DO: The Interstate 11 Coalition

Connecting Arizona and Nevada - Delivery Opportunities

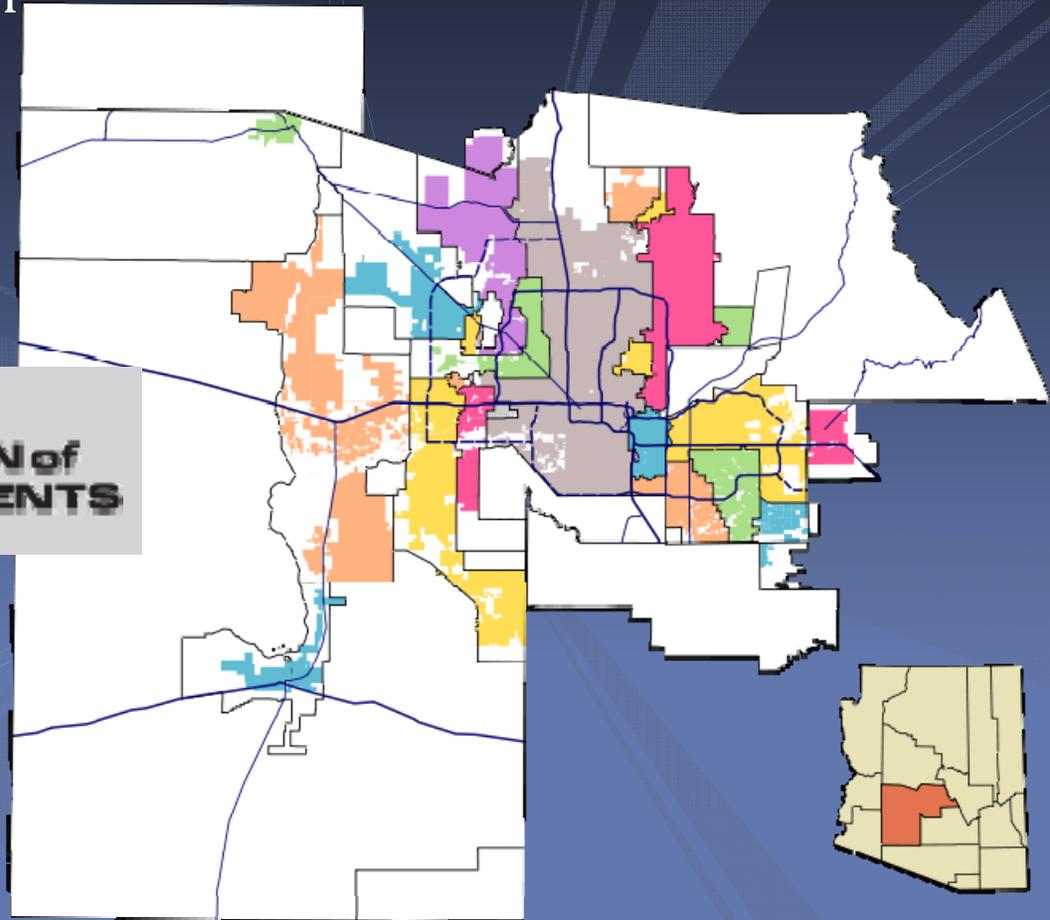
- Town of Buckeye, AZ
- City of Kingman, AZ
- Maricopa County, AZ
- Town of Wickenburg, AZ
- Yavapai County, AZ
- Boulder City, NV
- City of Las Vegas, NV
- Regional Transportation Commission of Southern Nevada
- America Nevada Company
- AREA Property Partners
- Arizona Builder's Alliance
- Associated General Contractors Arizona
- Belmont
- Buckeye Valley Chamber of Commerce
- Buckeye Valley Development, Inc.
- Douglas Ranch
- The Greenspun Company
- JDM Partners
- Langley Properties
- Las Vegas Convention and Visitors Authority
- NAIOP Southern Nevada Chapter
- The Nevada Development Authority
- Pulte Homes Corporation
- The Sundt Companies
- Swift Transportation, Inc.
- Wickenburg Chamber of Commerce



Freight Framework Study

Proposed for FY2011 Unified Planning Work Program

Tim Strow, Project Manager





For more information . . .

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