

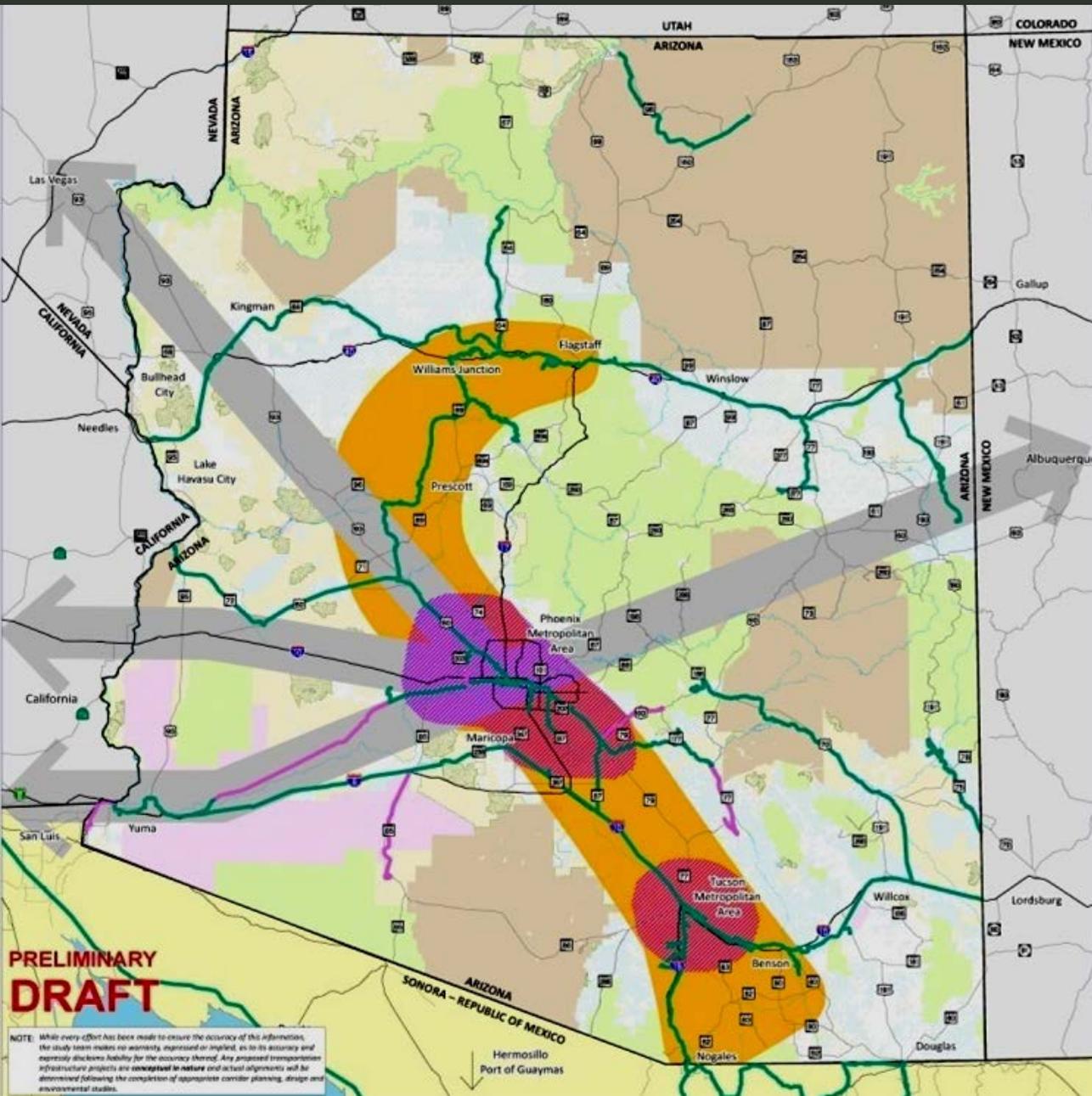
ADOT Passenger Rail Corridor Study Tucson to Phoenix

Maricopa Association of Governments
Transportation Review Committee

August 27th, 2015



Passenger Rail Vision



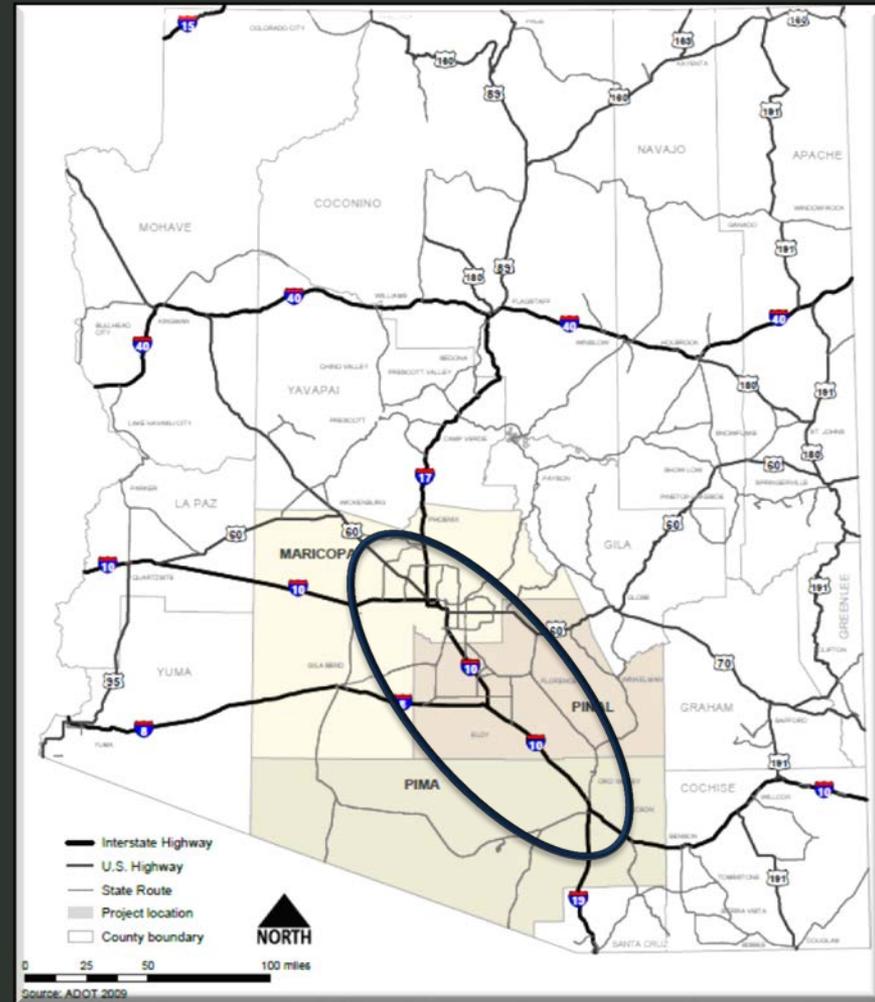
- Statewide Transportation Framework Study
- State Rail Plan
- Passenger Rail provides transit backbone for Sun Corridor



PASSENGER RAIL CORRIDOR STUDY
Tucson to Phoenix

Let's review:

Sun Corridor between Tucson and Phoenix



PASSENGER RAIL CORRIDOR STUDY
Tucson to Phoenix

Passenger Rail Corridor Study Process

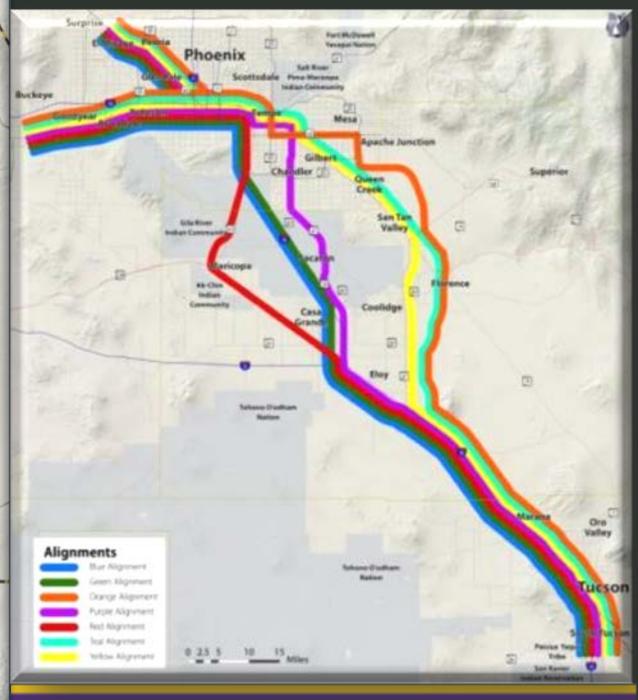
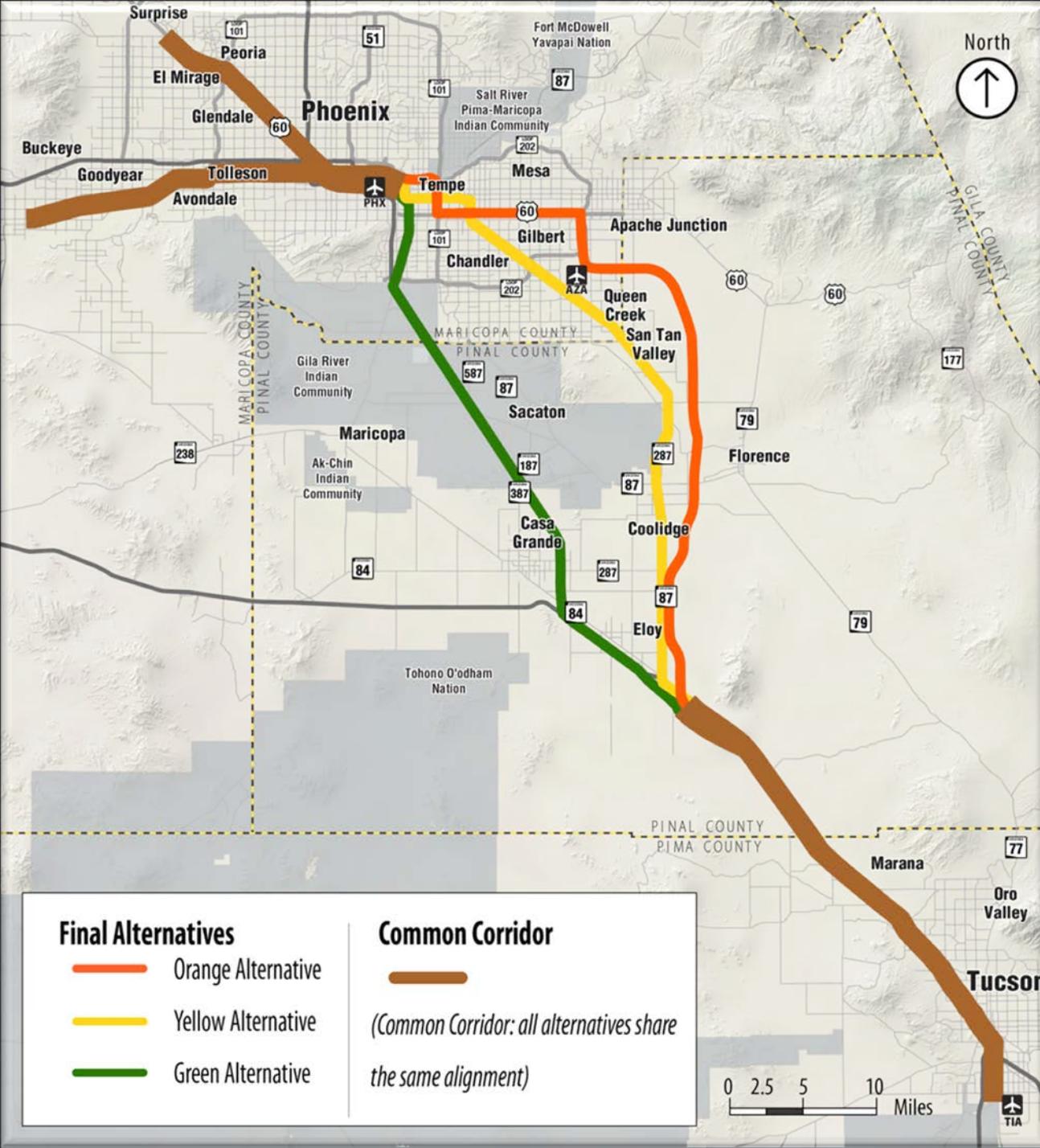
- Tier 1 EIS (Current Study)
 - Large Expansive Corridors
 - Phased over time
 - Identifies Broad program decisions
 - No Funding/Mitigation identified
- Tier 2 EIS (Subsequent Studies)
 - Project level analysis
 - Specific Rail Alignments, station locations and connections
 - Cost Estimates and Operating Concept
 - Reasonable expectation of funding

www.azdot.gov/passengerrail

Project Basis

- Expected growth in Sun Corridor
- Interstate 10 only high capacity facility linking Tucson and Phoenix Metro areas
- Identify transportation alternatives

Final Alternatives



Final Alternatives

- Orange Alternative
- Yellow Alternative
- Green Alternative

Common Corridor

—
(Common Corridor: all alternatives share the same alignment)



PASSENGER RAIL CORRIDOR STUDY
 Tucson to Phoenix

Forecast Ridership and Travel Time

Alternative	Annual Ridership (2035)		Length (miles)
		3.5 M – 5.5 M	
Green	3,750,000		113
Orange	4,500,000		132
Yellow	5,500,000		120

Travel Time (Phoenix – Tucson)	Green	Orange	Yellow
		I-10 Rail	Central Pinal/ E. Valley
Commuter travel time (min)	83	104	95
Intercity travel time (min)	73	90	83

High-Level Cost Estimate

- No funding currently identified
- Includes:
 - ROW impact
 - Construction
 - Equipment
 - Facilities

Alternative	Estimated Cost
Green	\$5.2 – \$7.9 Billion
Orange	\$6.8 – \$8.4 Billion
Yellow	\$4.2 – \$5.1 Billion

Public Outreach Program

- 10,000+ surveys completed
- Support from over 95% of those who participated
- Preference for Yellow Alternative

Preferred Alternative

- **Yellow:** 48%
- **Green:** 30%
- **Orange:** 22%



Schedule

- Draft Tier I EIS – Late Summer 2015
- Public Comment Period – Fall 2015
 - Public Hearings – 5:30 PM – 7:00 PM
 - Phoenix - Burton Barr Library, September 15
 - Tucson - Convention Center , September 16
 - Central Arizona College, Coolidge, September 17
- Final Tier I EIS/Record of Decision – Fall 2015
- Service Development Plan – Fall 2015

Next Steps

- Tier 1 EIS first step in project development
- No funding identified for subsequent environmental/preliminary engineering studies, design and construction
- Funding and need to guide project phasing

Carlos Lopez
Rail Planner / Project Manager
ADOT - Multimodal Planning Division
(602) 712-4786
Clopez@azdot.gov

