Passenger Rail Corridor Study

Alternatives Analysis (AA)
- Environmental Impact Statement (Tier 1)
- Service Development Plan

www.azdot.gov/passengerrail
Where People Live and Work Today
Where People Will Live and Work in the Future
Where People Will Live and Work in the Future

Population Projections for Maricopa, Pima, and Pinal Counties, 2009 and 2050

<table>
<thead>
<tr>
<th>County</th>
<th>2009 population(^a)</th>
<th>2050 population(^b, c)</th>
<th>Percent Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maricopa</td>
<td>4,023,000</td>
<td>7,622,700</td>
<td>90%</td>
</tr>
<tr>
<td>Pima</td>
<td>1,018,000</td>
<td>1,990,300</td>
<td>96%</td>
</tr>
<tr>
<td>Pinal</td>
<td>356,000</td>
<td>2,113,000</td>
<td>494%</td>
</tr>
<tr>
<td>Total</td>
<td>5,397,000</td>
<td>11,726,000</td>
<td>117%</td>
</tr>
</tbody>
</table>

\(^a\) Arizona Department of Commerce Population Estimates, July 1, 2009
\(^b\) Arizona Statewide Transportation Planning Framework Study, 2010
\(^c\) population living in households
Passenger Rail Vision

- Statewide Transportation Framework Study
- State Rail Plan
- Intercity Rail provides transit backbone for Sun Corridor
Preliminary Alts

- 1-10 Bus Alternative (Blue)
- Six (6) Rail Alternatives
  - UPRR Alternative – Share R/W (Yellow)
  - Non-UPRR Alternatives
    - I-10 (Green)
    - N-S Corridor & US60 (Orange)
- Combination Alternatives
  - UPRR Southeast Branch (Teal)
  - UPRR Tempe Branch (Red)
  - UPRR Chandler Branch (Purple)
## Summary of Level 2 Evaluation Matrix

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Blue</th>
<th>Yellow</th>
<th>Green</th>
<th>Orange</th>
<th>Purple</th>
<th>Teal</th>
<th>Red</th>
</tr>
</thead>
<tbody>
<tr>
<td>I-10 Busway</td>
<td>☾</td>
<td></td>
<td>☾</td>
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<tr>
<td>UP Tracks</td>
<td>☾</td>
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<tr>
<td>I-10 Rail</td>
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<tr>
<td>Central Pinal/E. Valley</td>
<td>☽</td>
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<tr>
<td>I-10/UP Chandler Branch</td>
<td>☽</td>
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<tr>
<td>North-South Corridor/E. Valley</td>
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<tr>
<td>Western Pinal/UP Tempe Branch</td>
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</tbody>
</table>

### Scale

- ☾: Most Favorable
- ☽: Least Favorable

### Notes

- The matrix compares various alternatives based on multiple criteria, including community acceptance, environmental impact, financial feasibility, operating characteristics, mobility, and safety.
- Each alternative is evaluated across different criteria with symbols indicating the level of favorability.
25,449 Website Views

21 Events and Festivals Attended

8,750 ADOT Online Video Views

6,785 Completed Comment Forms

834 Emails Received

31 Do-it-Yourself Kits Distributed

25 Social Media Posts

30 Newspaper Coverage/Stories

6 Radio Coverage/Stories

11 Formal Letters Received

8 Public Open Houses

21 Television Coverage/Stories

3,700 Information Booklets Distributed

25,449 Website Views

9 Media Interviews Conducted

31 Do-it-Yourself Kits Distributed
What would be your preferred travel choice between Tucson and Phoenix?

- **77.4%** Train
- **21.2%** Personal Vehicle
- **0.8%** Air
- **0.6%** Bus
- **0.3%** Bike
Public Alternative Preference (Normalized)

- **Yellow**: 47%
- **Teal**: 53%
- **Red**: 33%
- **Purple**: 67%
- **Orange**: 62%
- **Green**: 75%
- **Blue**: 44%

Preliminary through December 10, 2012 (online only)
2035 Market Potential - Person Trips (Daily)

Source: AZTDM - 2 (2035)
Final Alternatives
“Rail Network that is safe, efficient and reliable”

- Joseph Szabo, FRA Administrator
Thank You.

Information & Assistance:

Arizona Department of Transportation
Multimodal Planning Division

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