



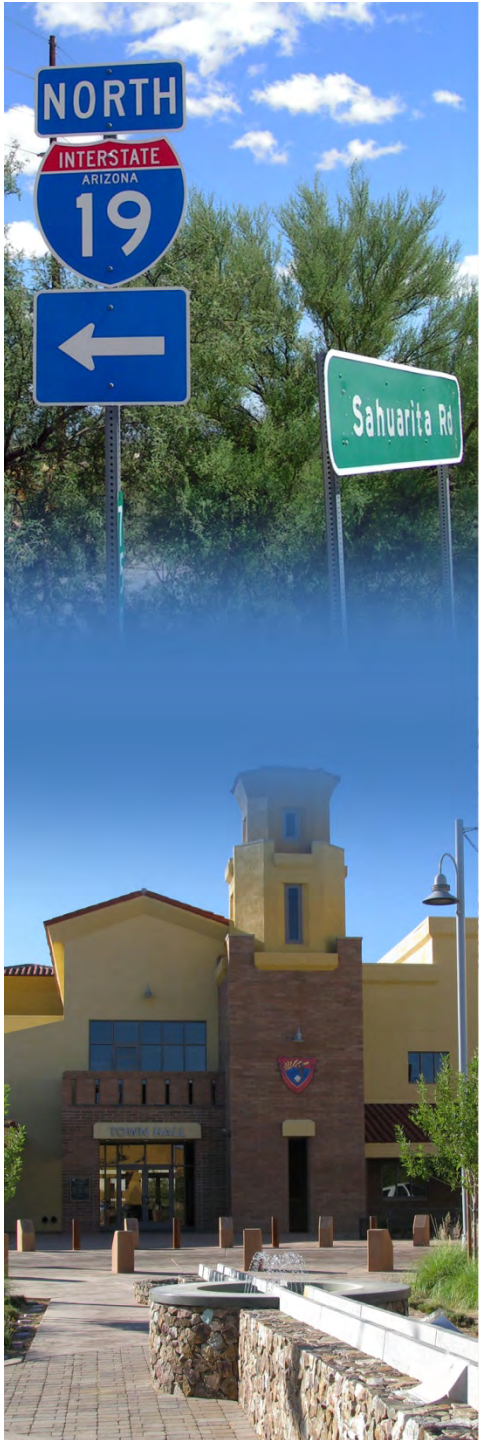
Town of Sahuarita

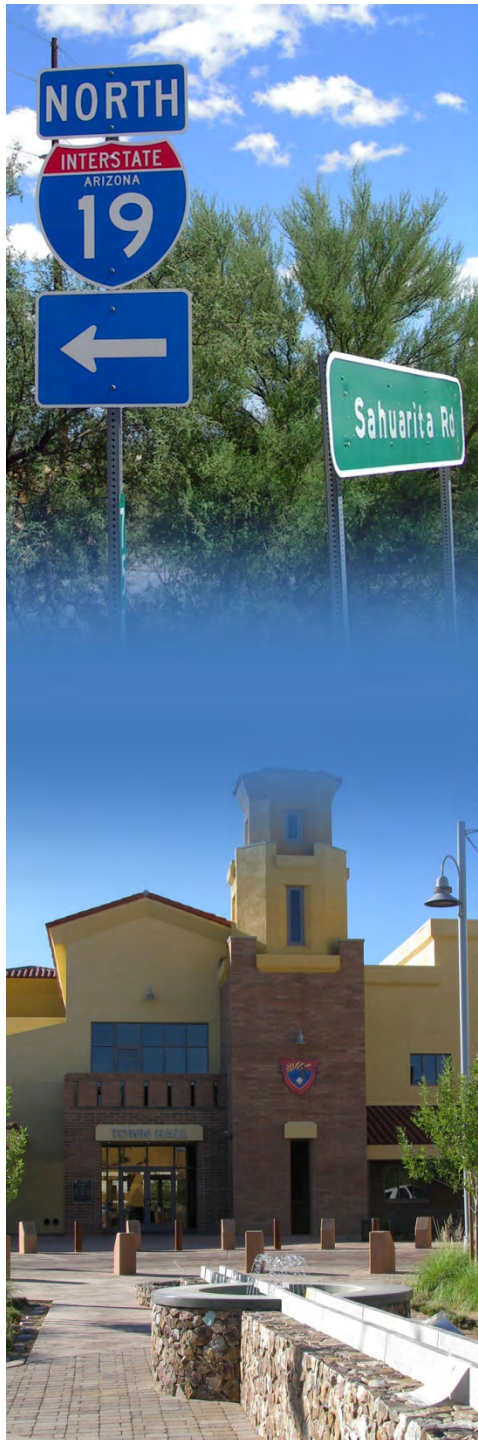
AREA TRANSPORTATION STUDY



Kimley-Horn
and Associates, Inc.

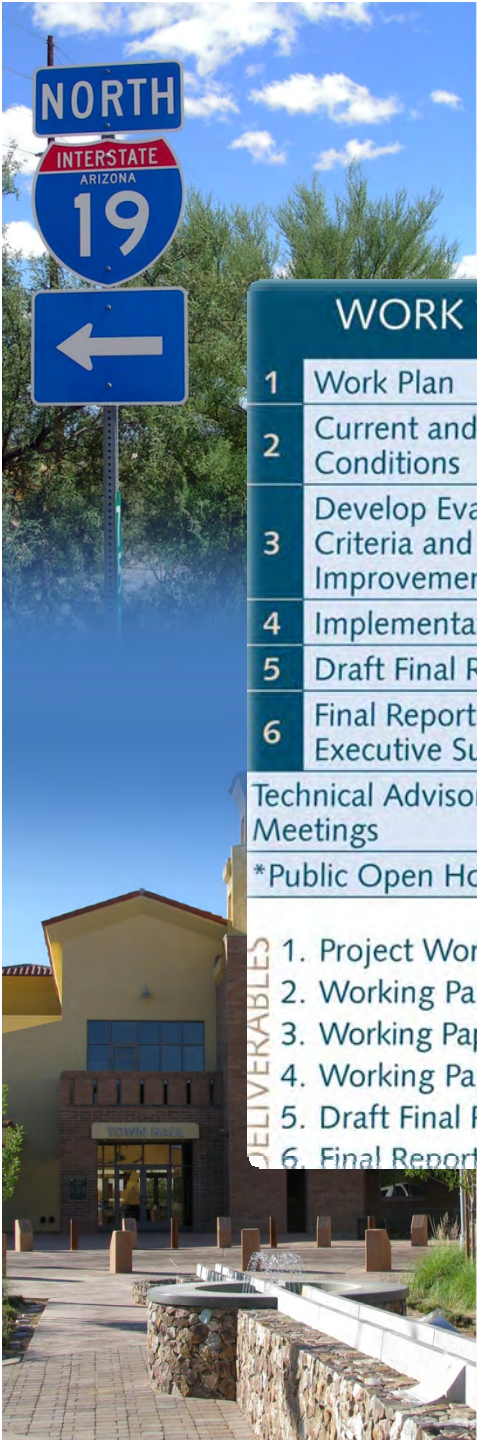




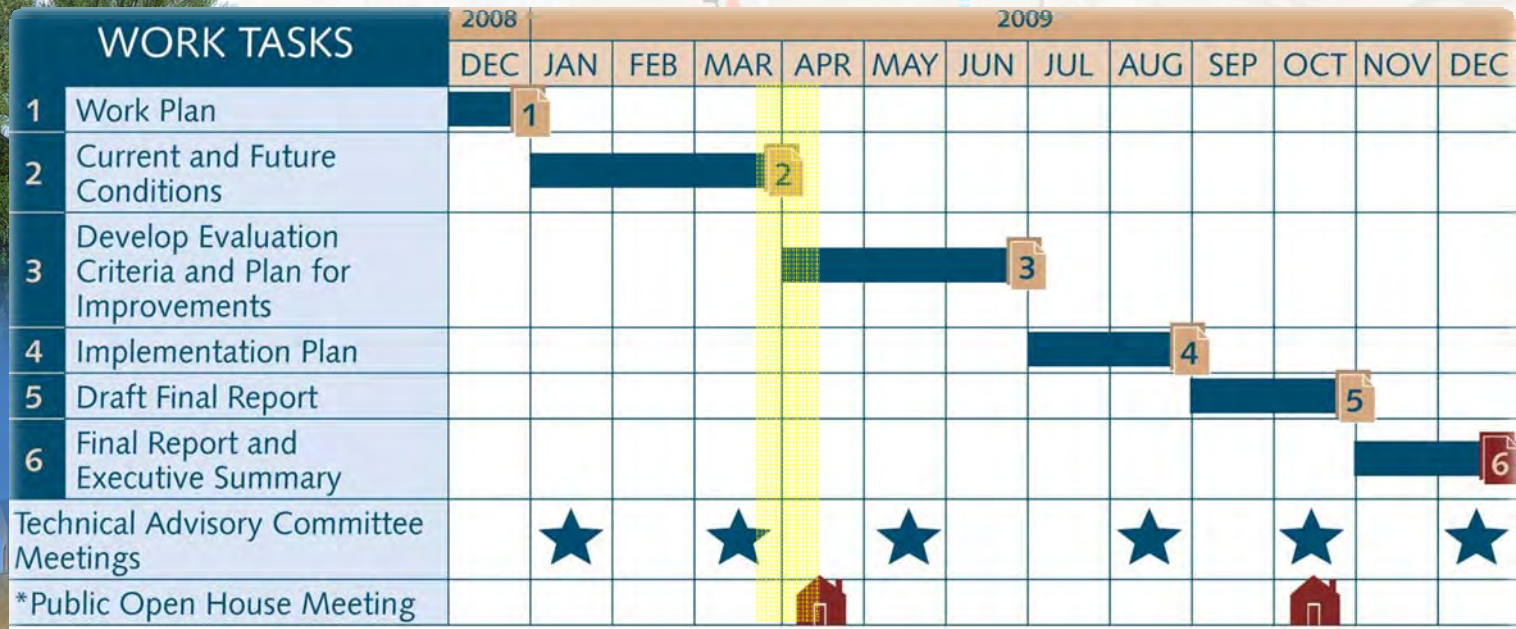


Project Objectives

- Document current and future transportation conditions
- Identify needs and deficiencies
- Recommend improvements for 5 years, 10 years, and 30 years
- Develop a Major Streets and Routes Plan
- Identify funding opportunities for implementation



Project Schedule

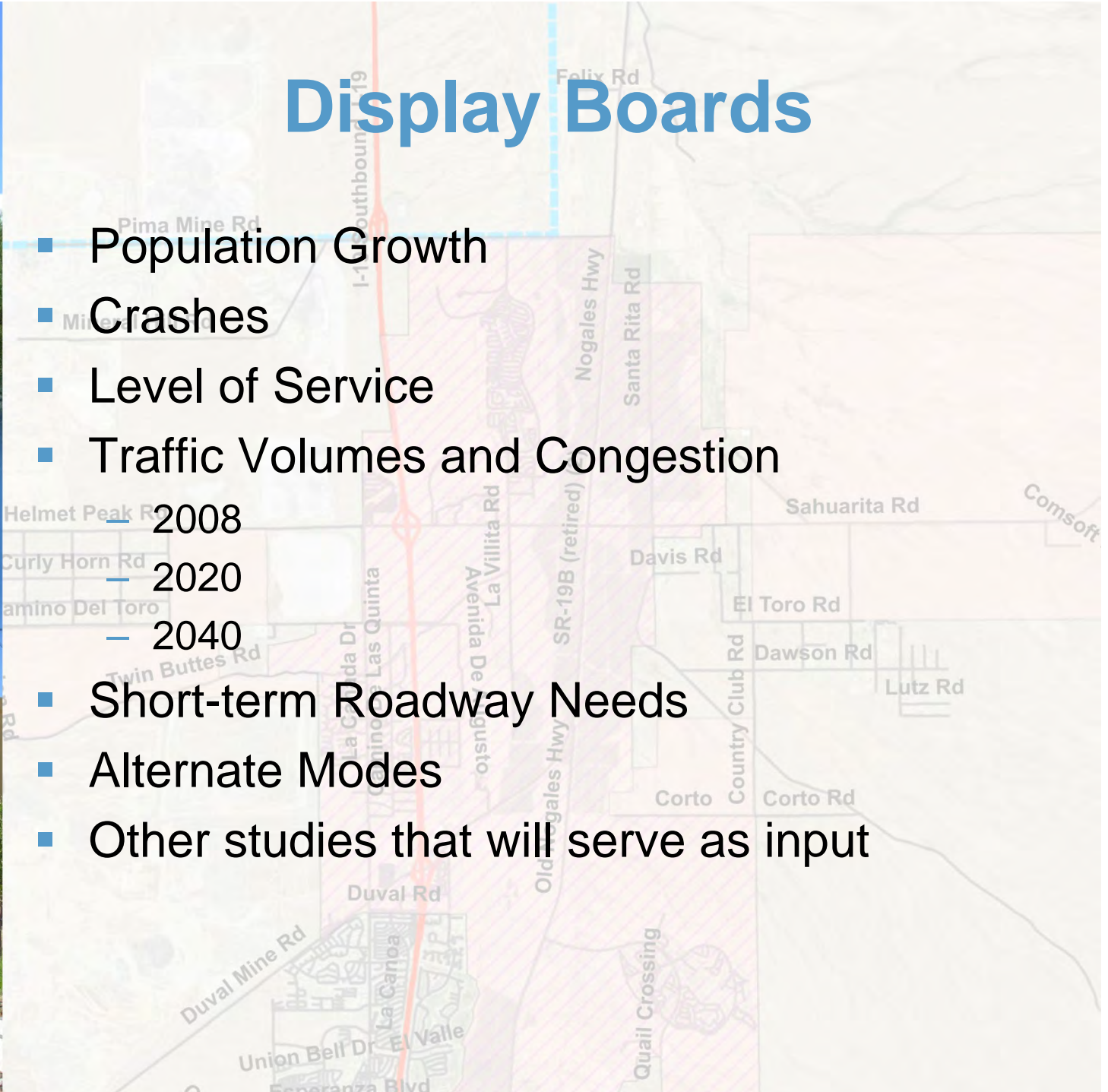
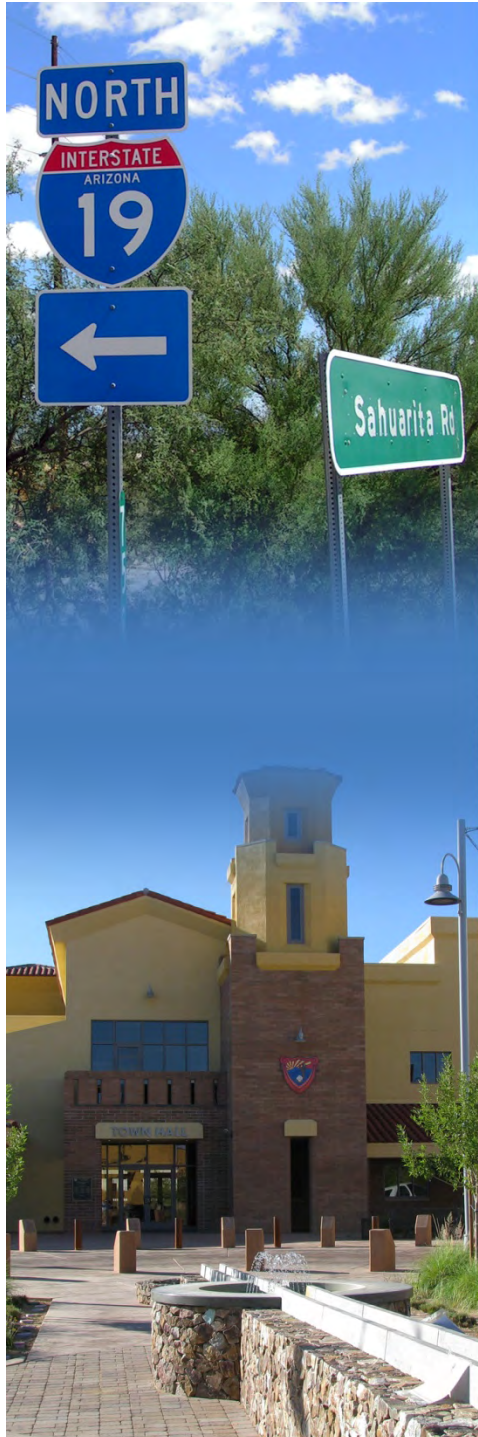


- DELIVERABLES:**
1. Project Work Plan
 2. Working Paper No. 1 — Current and Future Conditions
 3. Working Paper No. 2 — Evaluation Criteria and a Plan for Improvements
 4. Working Paper No. 3 — Implementation Plan
 5. Draft Final Report
 6. Final Report and Executive Summary



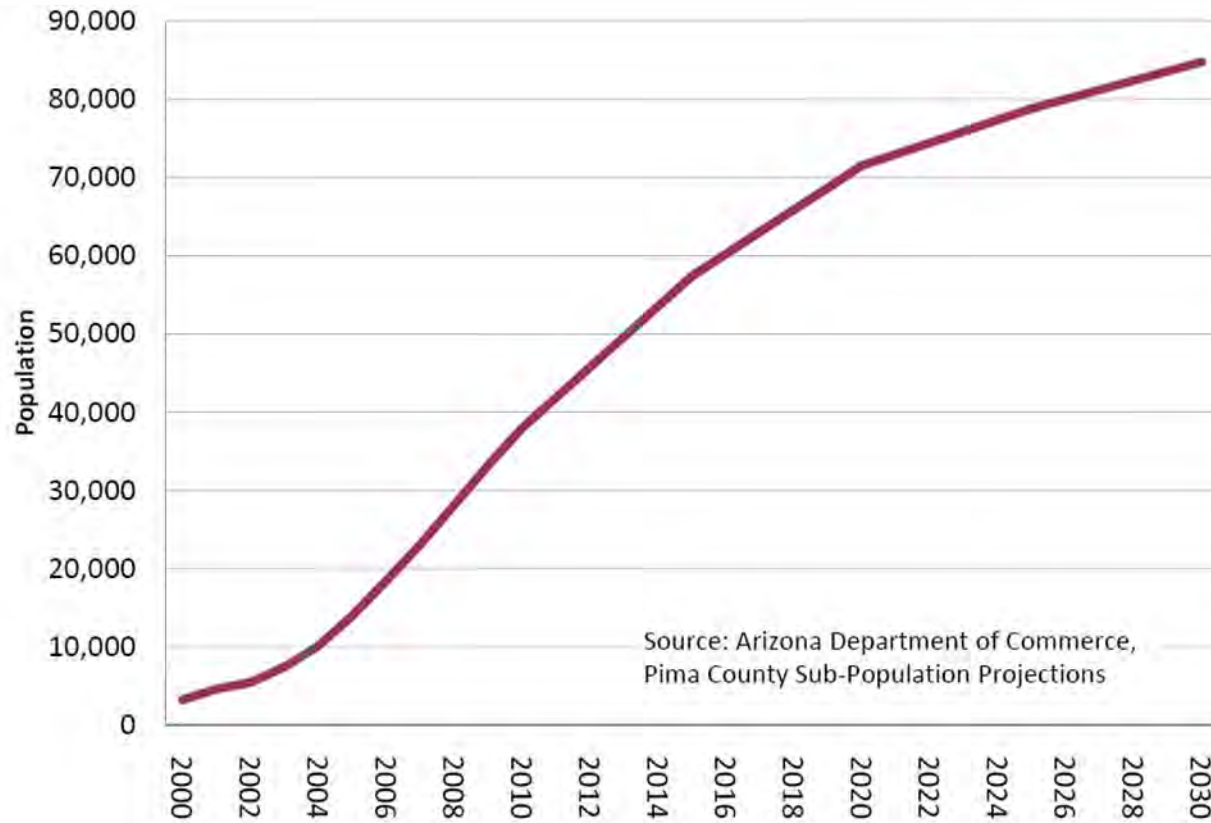
Display Boards

- Population Growth
 - Crashes
 - Level of Service
 - Traffic Volumes and Congestion
- 2008
 - 2020
 - 2040
- Short-term Roadway Needs
 - Alternate Modes
 - Other studies that will serve as input



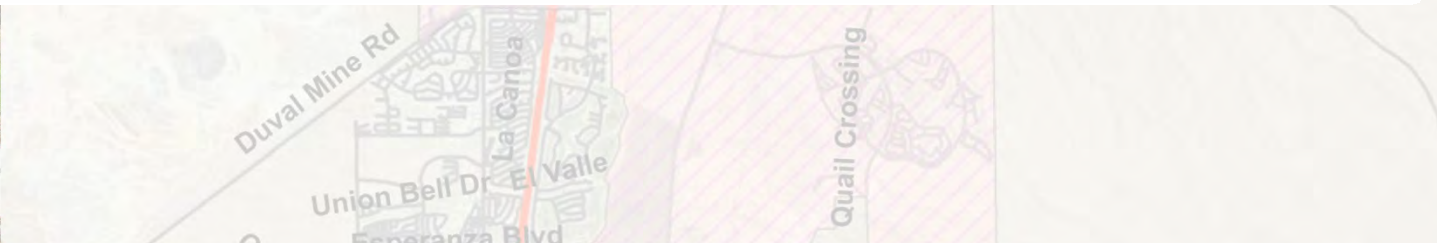


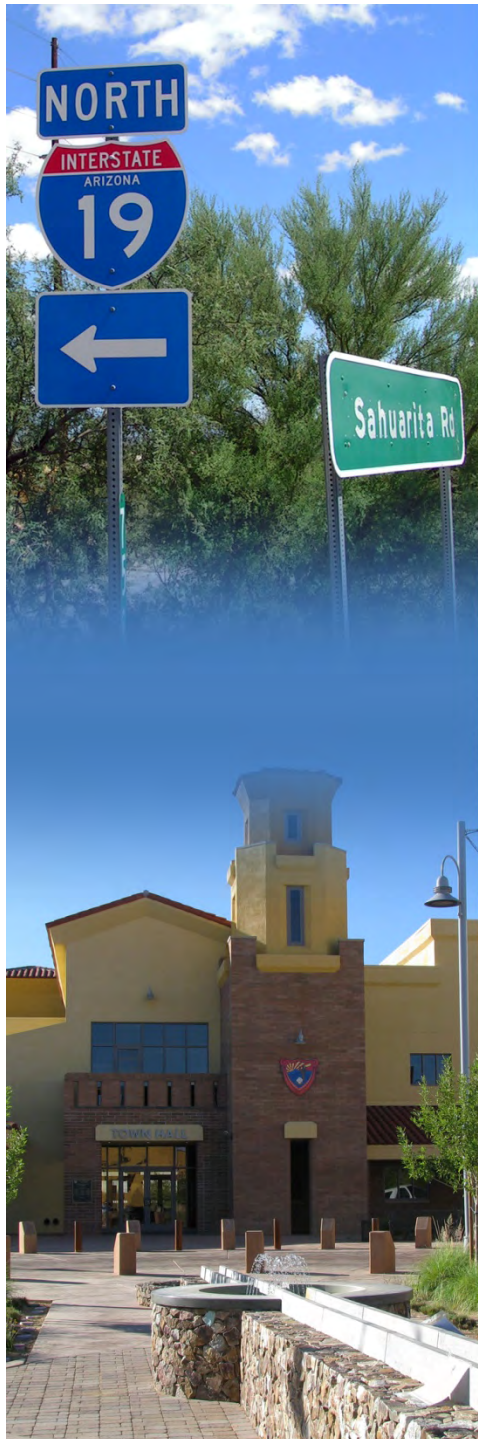
Population Growth, 2000 - 2030



Source: Arizona Department of Commerce,
Pima County Sub-Population Projections

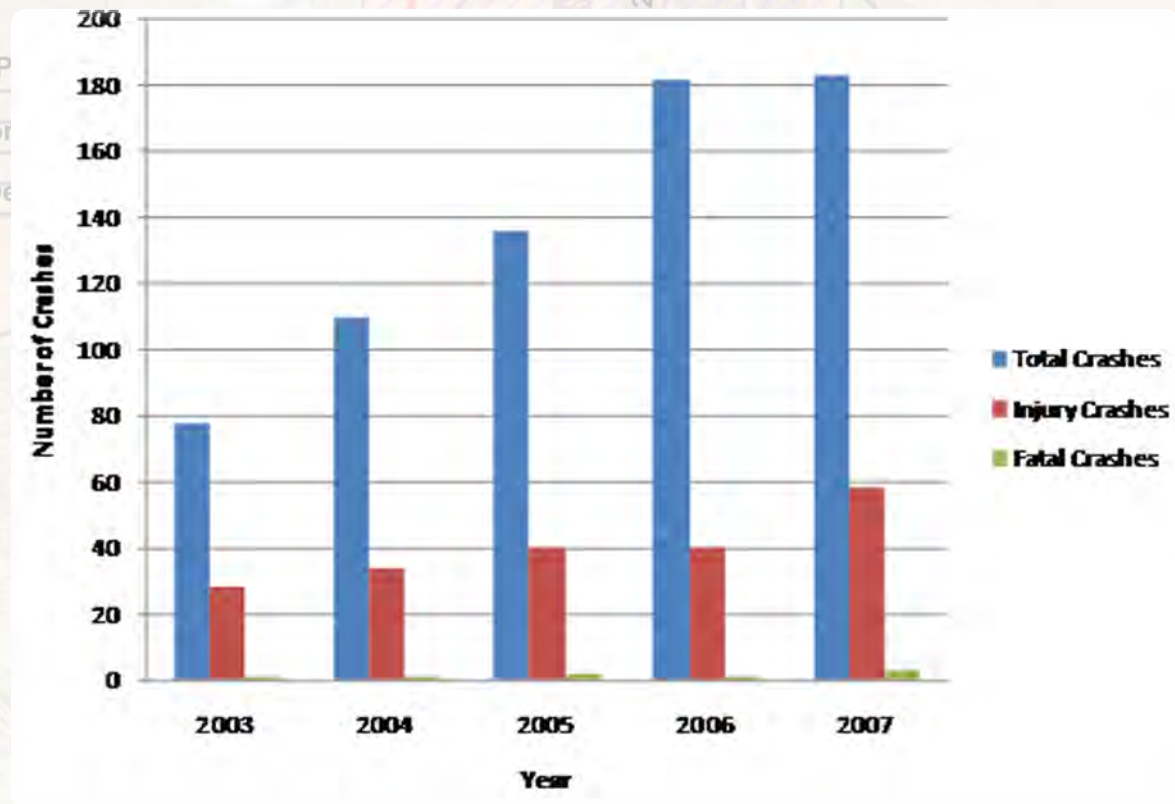
- Year 2000 Population: 3,000 people
- 2008 Population: 22,000 people
- Forecast 2014 Population: 50,000 people
- Forecast 2030 Population: 90,000 people



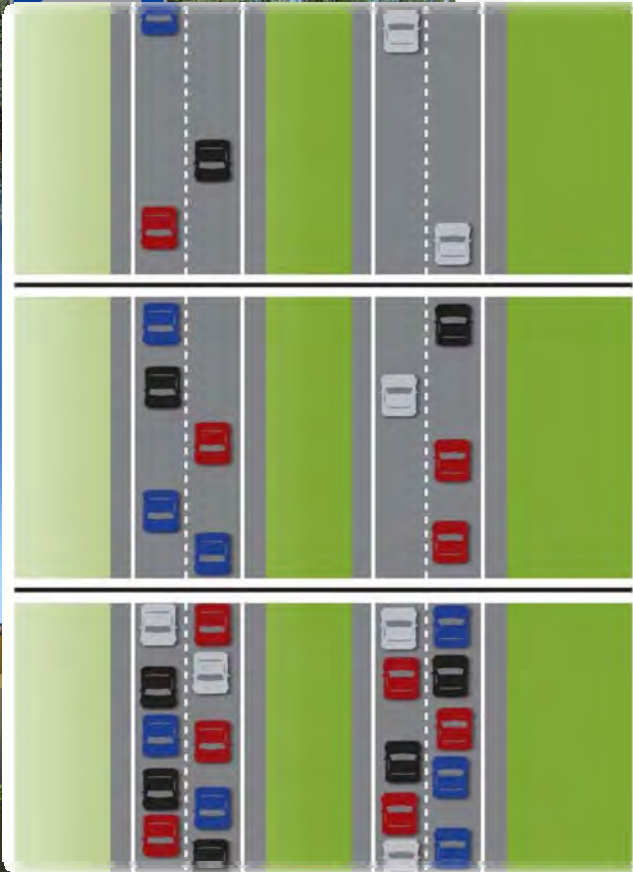


Crashes, 2003-2007

- As population has increased, crashes and crash severity have increased.



What is Level of Service (LOS)?



- Way that traffic engineers measure how streets and intersections perform
- Uses a letter grade system:
 - LOS A (least congested)
 - LOS F (most congested)
- Goal is to provide LOS D or better

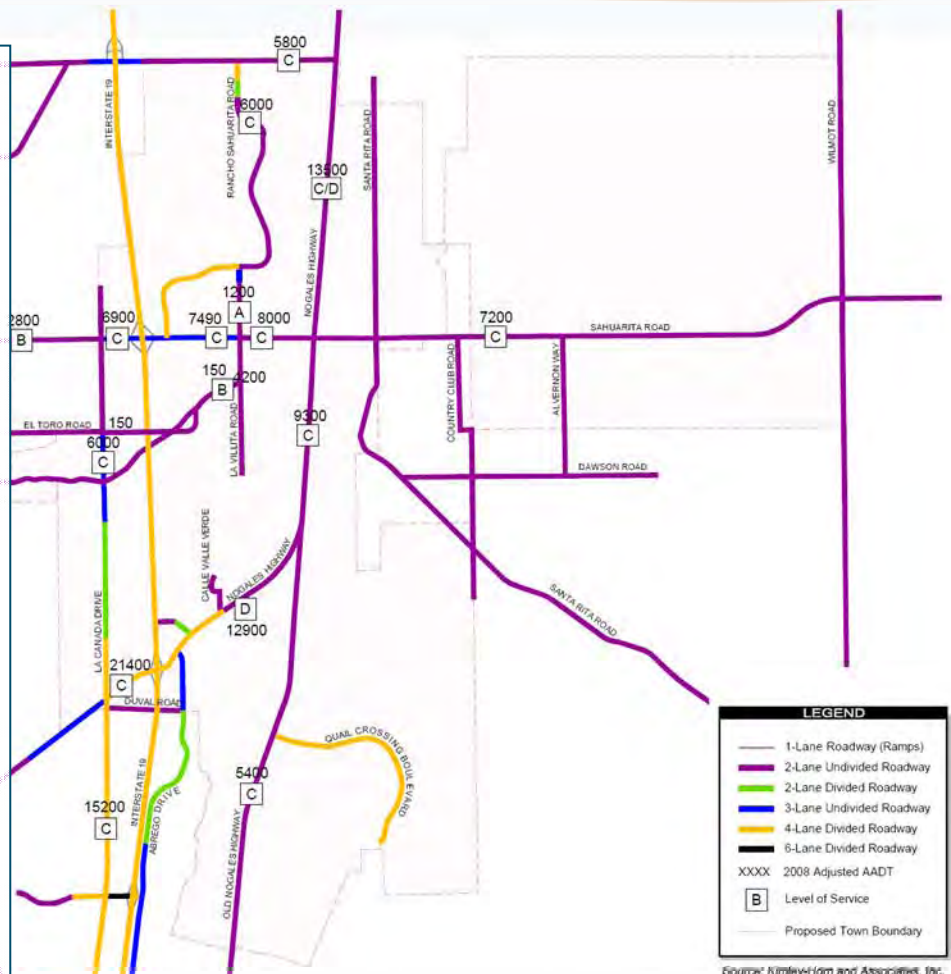
Increasing Congestion

LOS F



2008 Daily Traffic Volumes and Level of Service

- In 2008, all roads operate at LOS D or better
- LOS D
 - Nogales Highway, north of Sahuarita Road
 - 2-lane section of Duval Mine Road east of I-19



LEGEND

- 1-Lane Roadway (Ramps)
- 2-Lane Undivided Roadway
- 2-Lane Divided Roadway
- 3-Lane Undivided Roadway
- 4-Lane Undivided Roadway
- 6-Lane Divided Roadway
- XXXX 2008 Adjusted AADT
- [B] Level of Service
- Proposed Town Boundary

Source: Nimsley-Horn and Associates, Inc.

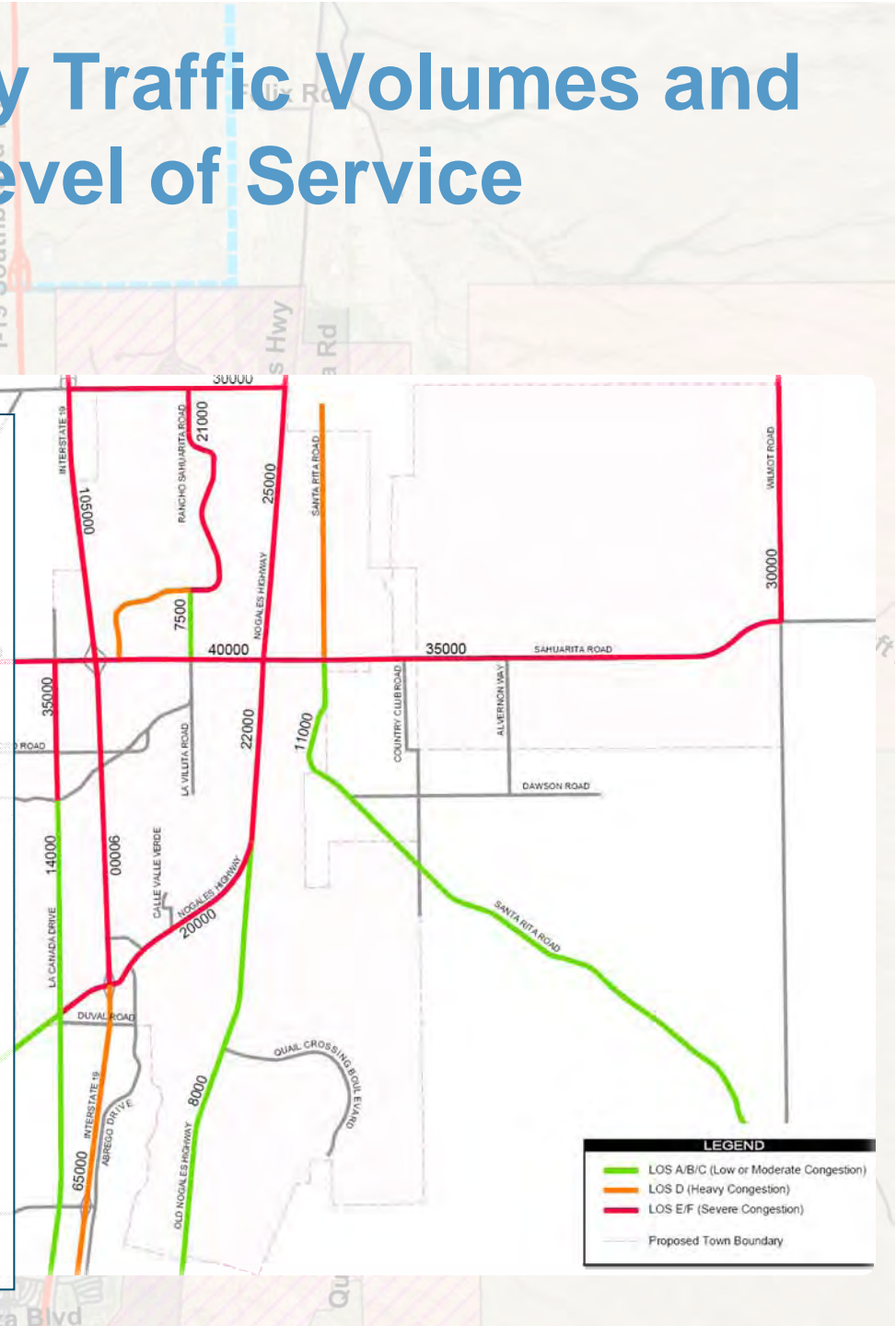
2020 Daily Traffic Volumes and Level of Service

NORTH

INTERSTATE
ARIZONA
19



- Study area population ~ 75,000 – 100,000
- Dependent upon pace of development
 - Mission Peaks
 - Rancho Sahuarita
 - Other master planned communities
- Sahuarita Rd
- Wilmot
- Nogales Highway
- La Canada
- Rancho Sahuarita Blvd (2-lane section)





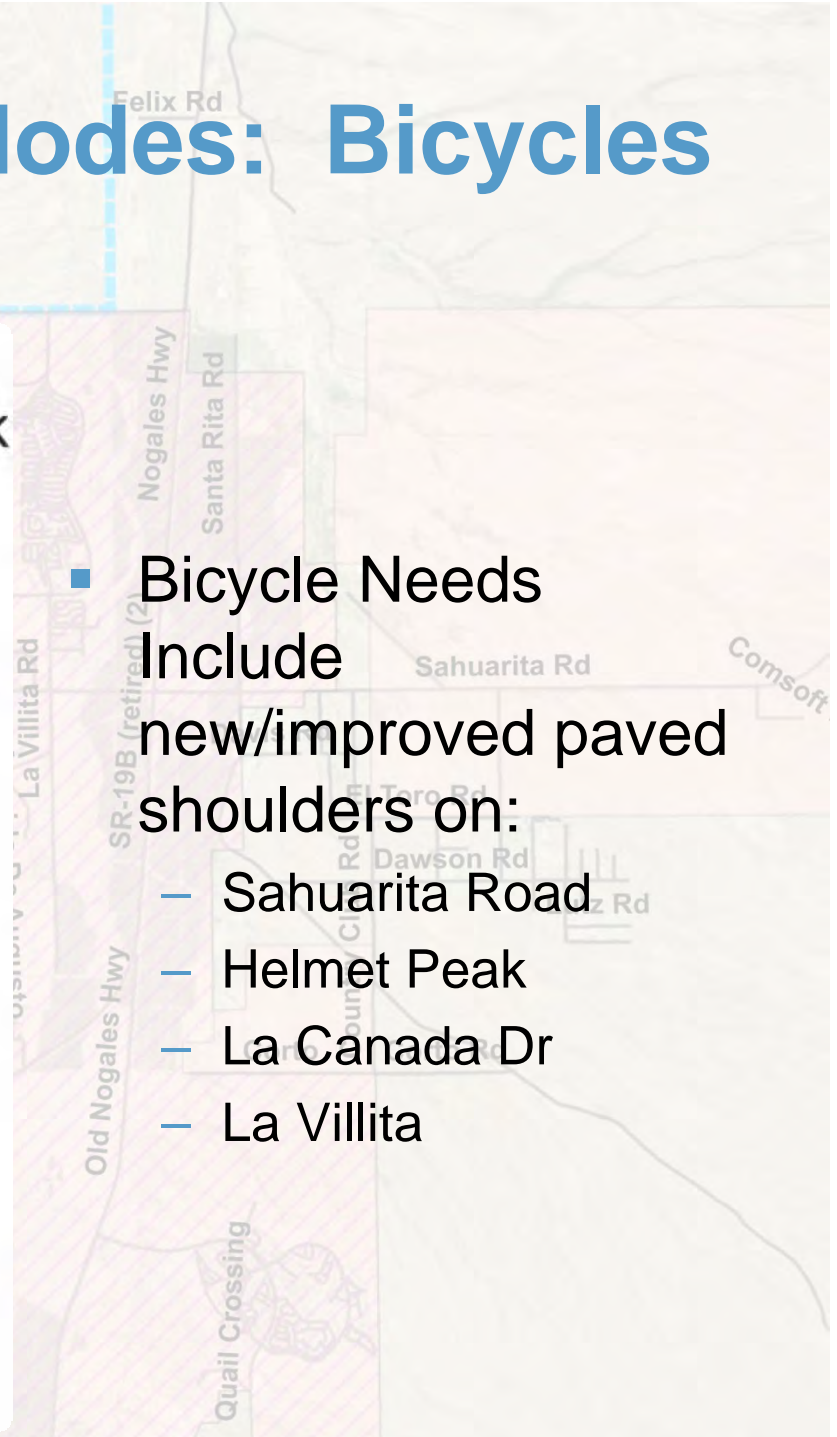
Alternate Modes: Bicycles

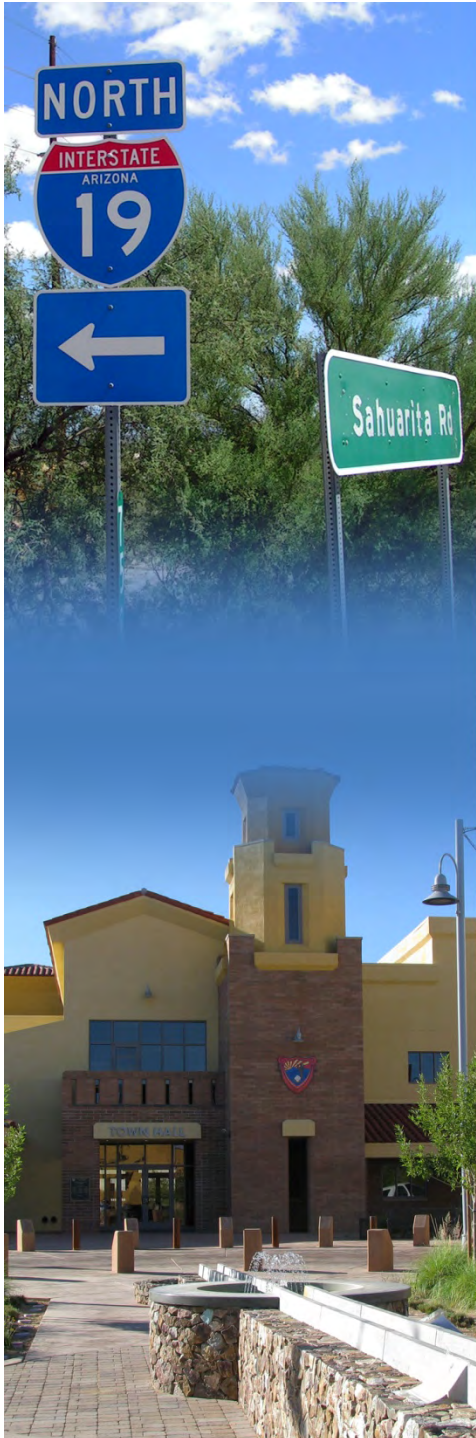
Pima Association of Governments Existing and Proposed Bicycle Network



- Shared-use Path**
Paved 8 ft. to 12 ft. path, separated from street.
- Bike Route**
On lower volume street, with "Bike Route" signs. Maximum speed limit of 30 mph.
- Bike Route with Striped Shoulder**
On major street, with "Bike Route" signs and white edge line, approx. 4 ft. to 10 ft. wide paved shoulder, speed limits 25 mph or more.
- Paved Shoulder**
On major street, with white edge line, approximately 3 ft. to 10 ft. wide paved shoulder, speed limits 30 mph or more.
- Bus/Bike Lane**
On major streets, 12 ft. wide bus and right turn lane, shared use with bicycles.
- Residential Streets**
Bikeable streets with max. speed limit of 30 mph.
- Major Streets**
May be appropriate for experienced riders (more traffic, higher speeds, less width)
- Overpass/Underpass**
- Planned improvement**
Roadway or bikeway planned for improvement, 2007-2009. Consider alternate routes during construction. Call 243-BIKE for more information.
- Railroads**
- Trailheads**
- Park & Ride Lots**
- High Schools**

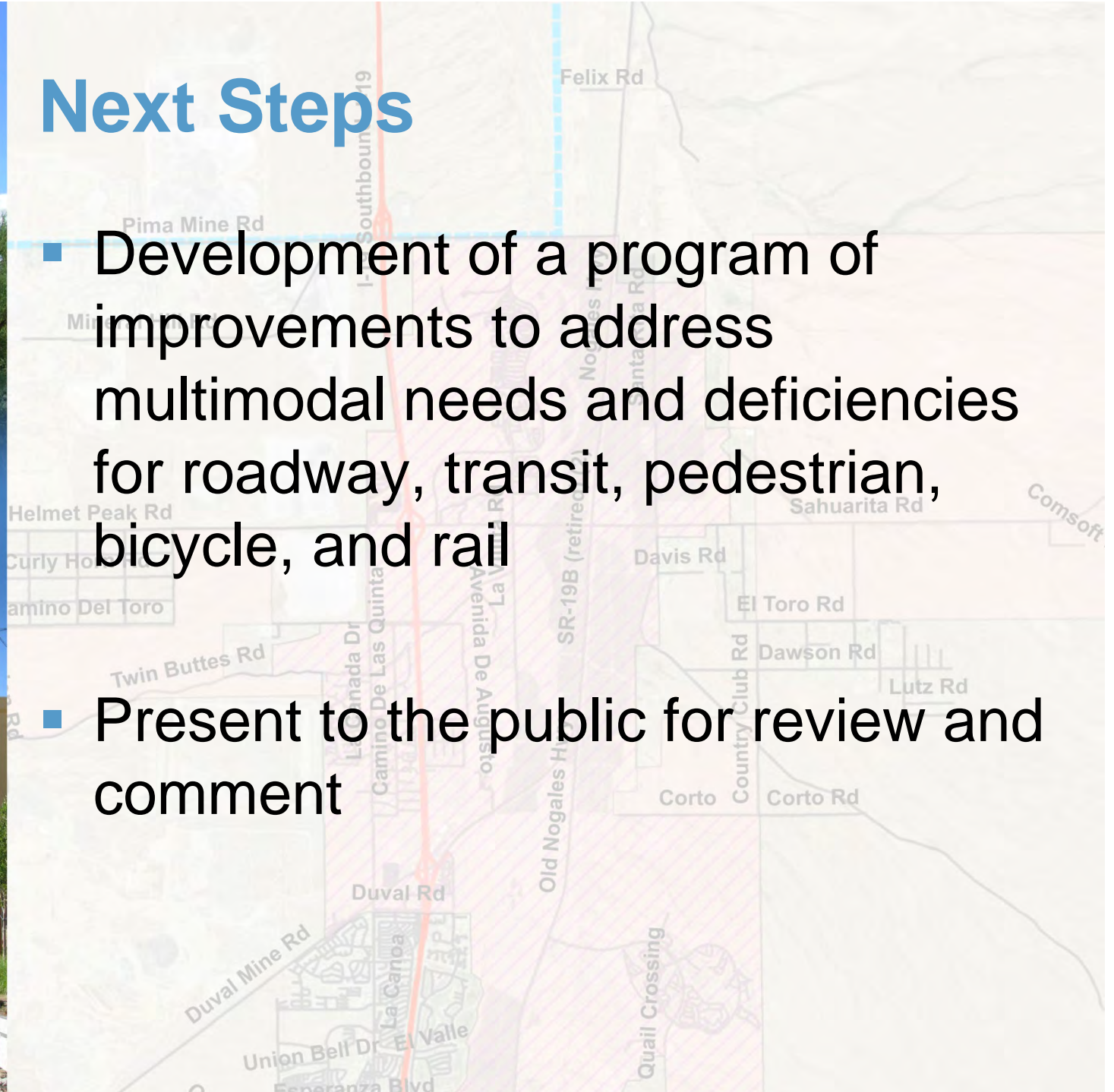
- **Bicycle Needs Include new/improved paved shoulders on:**
 - Sahuarita Road
 - Helmet Peak
 - La Canada Dr
 - La Villita

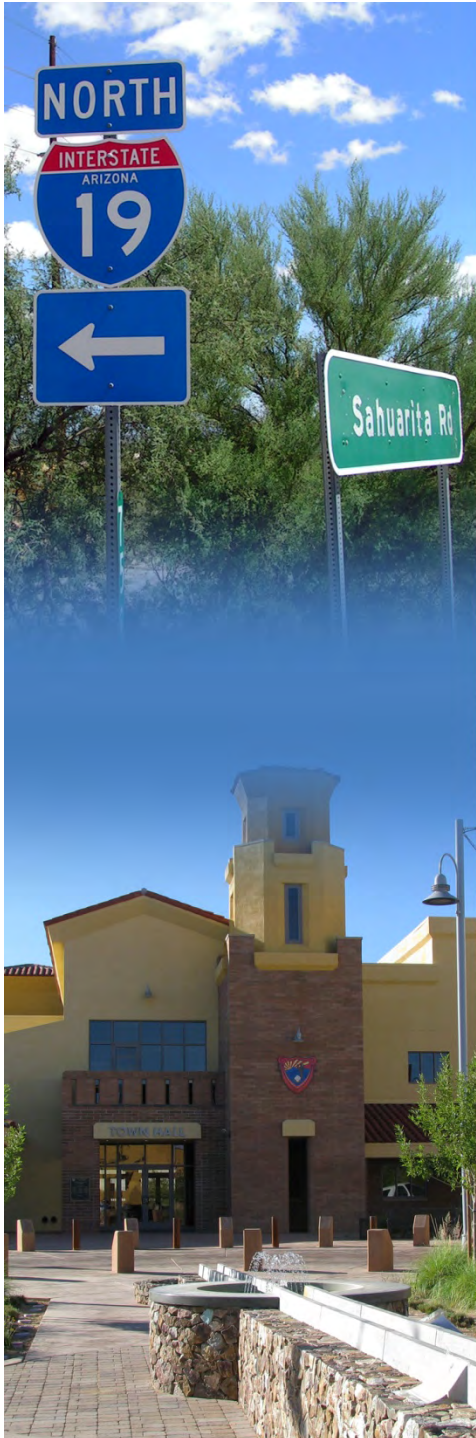




Next Steps

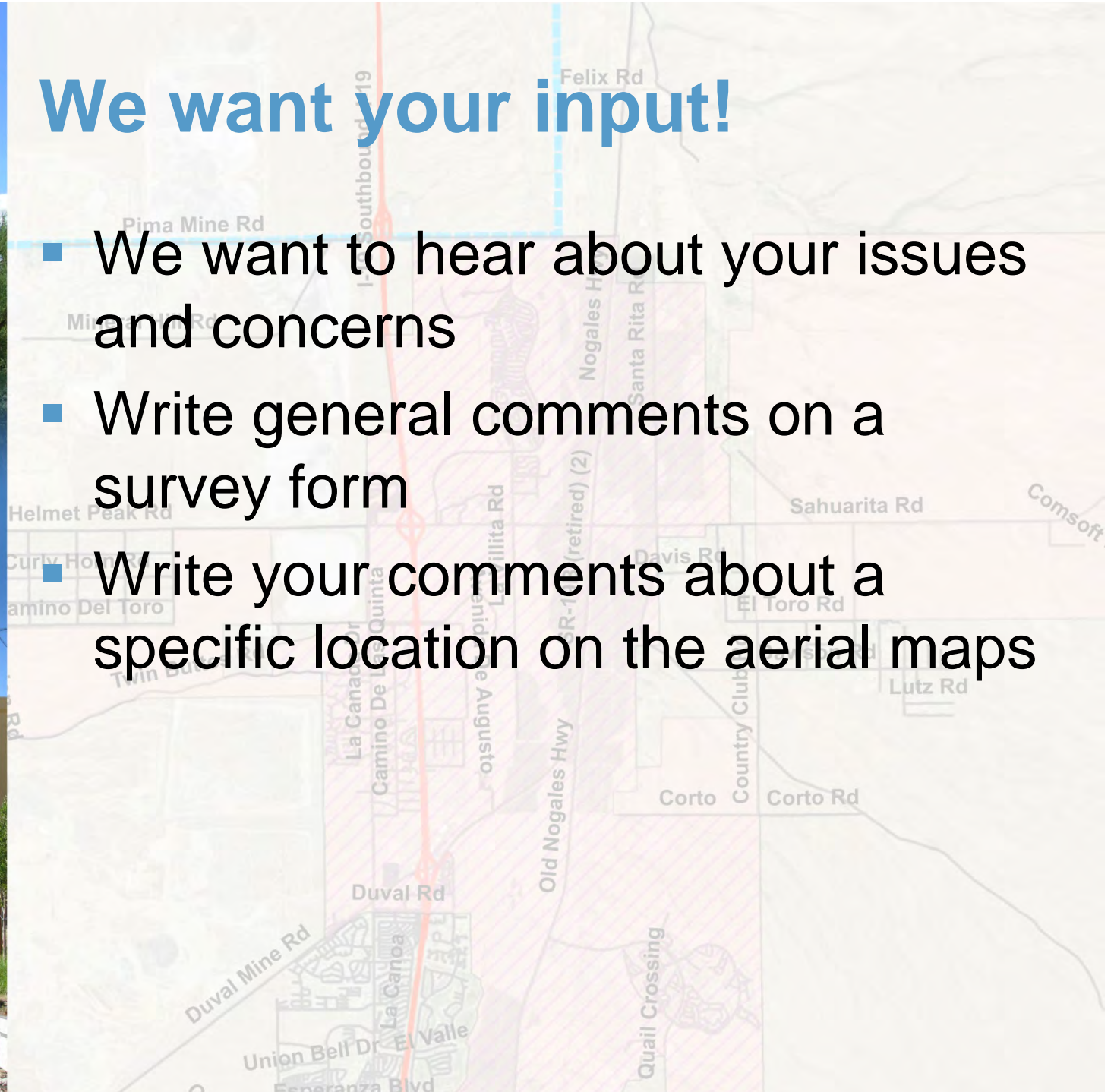
- Development of a program of improvements to address multimodal needs and deficiencies for roadway, transit, pedestrian, bicycle, and rail
- Present to the public for review and comment

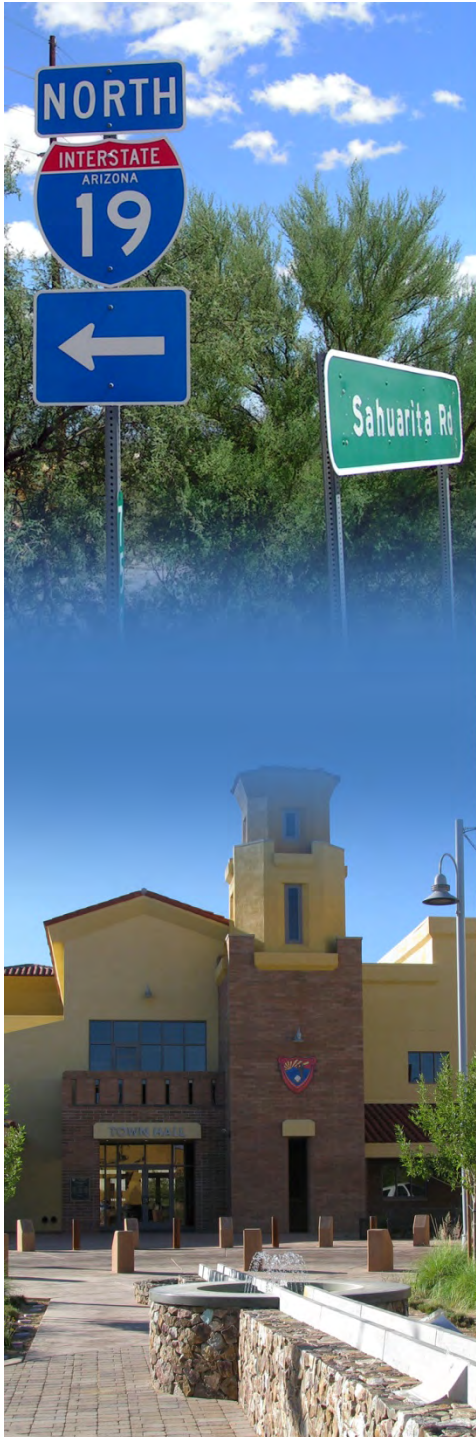




We want your input!

- We want to hear about your issues and concerns
- Write general comments on a survey form
- Write your comments about a specific location on the aerial maps





Contacts

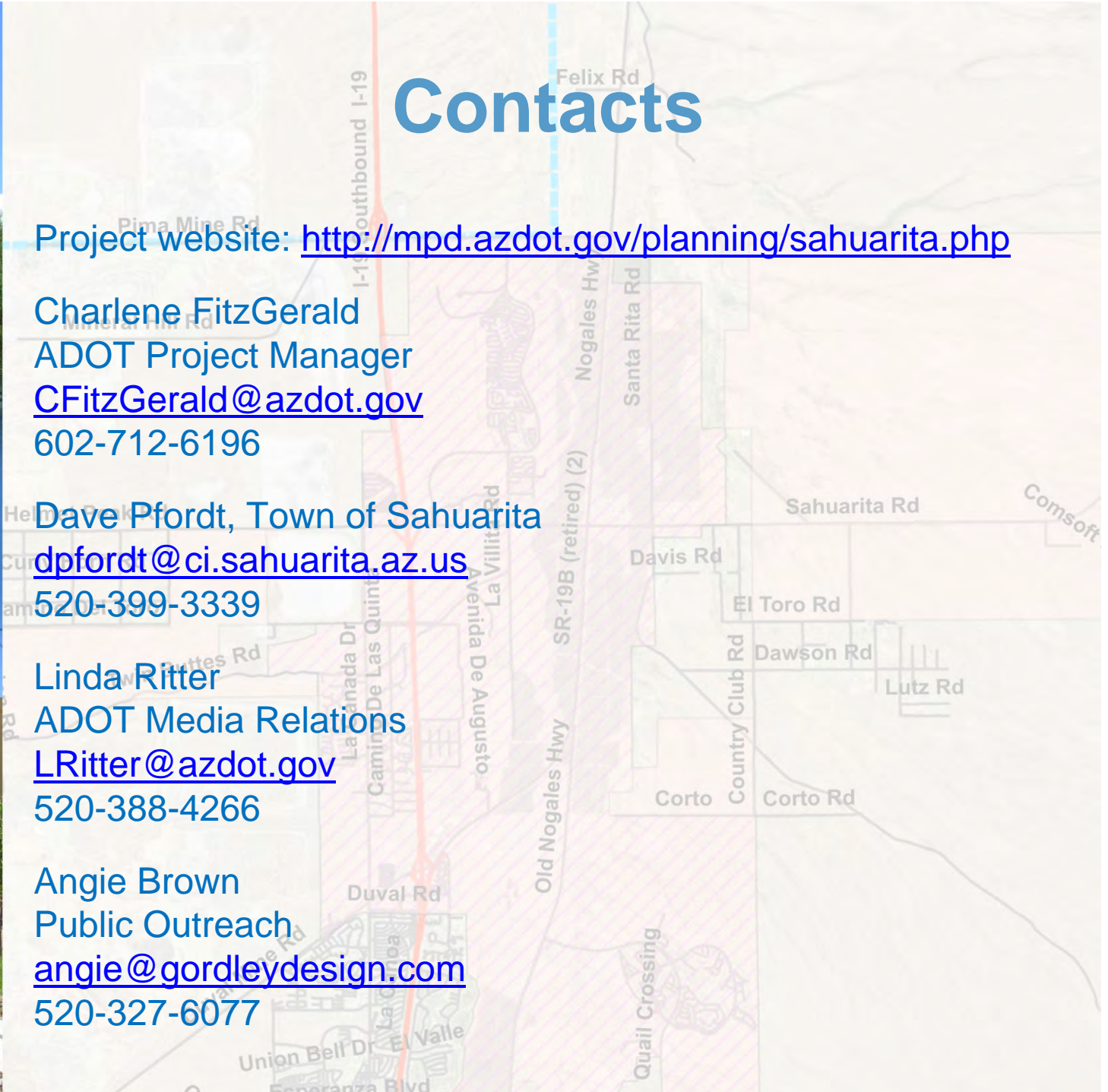
Project website: <http://mpd.azdot.gov/planning/sahuarita.php>

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Town of Sahuarita

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