

# ARIZONA DEPARTMENT OF TRANSPORTATION



## Oracle Road (State Route 77): *Tangerine Road to Pinal County Line*

### Public Meeting

May 17, 2011





# Welcome and Introductions



## Linda Ritter

Senior Community Relations Officer, ADOT

- Key project team members
  - Arizona Department of Transportation
  - Federal Highway Administration
  - Regional Transportation Authority





# Agenda



- Presentation
  - Welcome and introductions
  - Project description and overview
- General question and comment period
- Open house: visit information stations and ask specific questions



# ADOT Tucson District Perspective



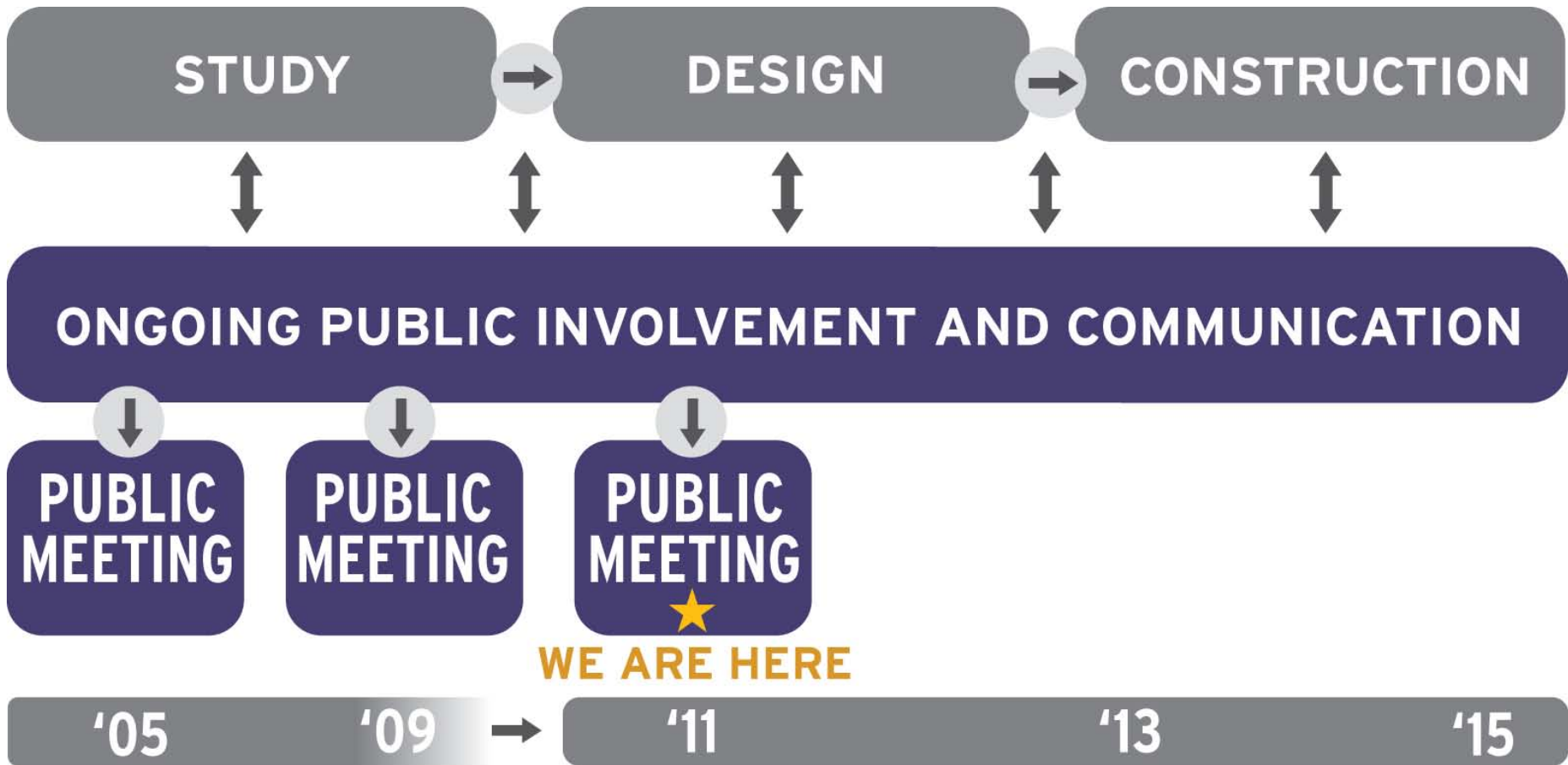
## Todd Emery, P.E.

Tucson District Engineer, ADOT

- Project importance
- Project partners



# ADOT Project Development Process





# Project Overview



**Robin Raine, P.E.**

Senior Project Manager, ADOT



# Project History



## Study phase, 2004 to 2009

- Public meetings
  - June 2005
  - January 2009
- Project Assessment



# Project History



## Oracle Road: Calle Concordia to Tangerine Road

- Construction, 2008 to 2010



# Public Involvement Input



## Major topics from the public

- Improved turn lanes
- Improved traffic signalization
- Improved access
- Add space for bicyclists and pedestrians



# Public Involvement Input



## Major topics from the public

(continued)

- Reduce noise
- Support wildlife crossings
- Safety concerns



# Project Overview

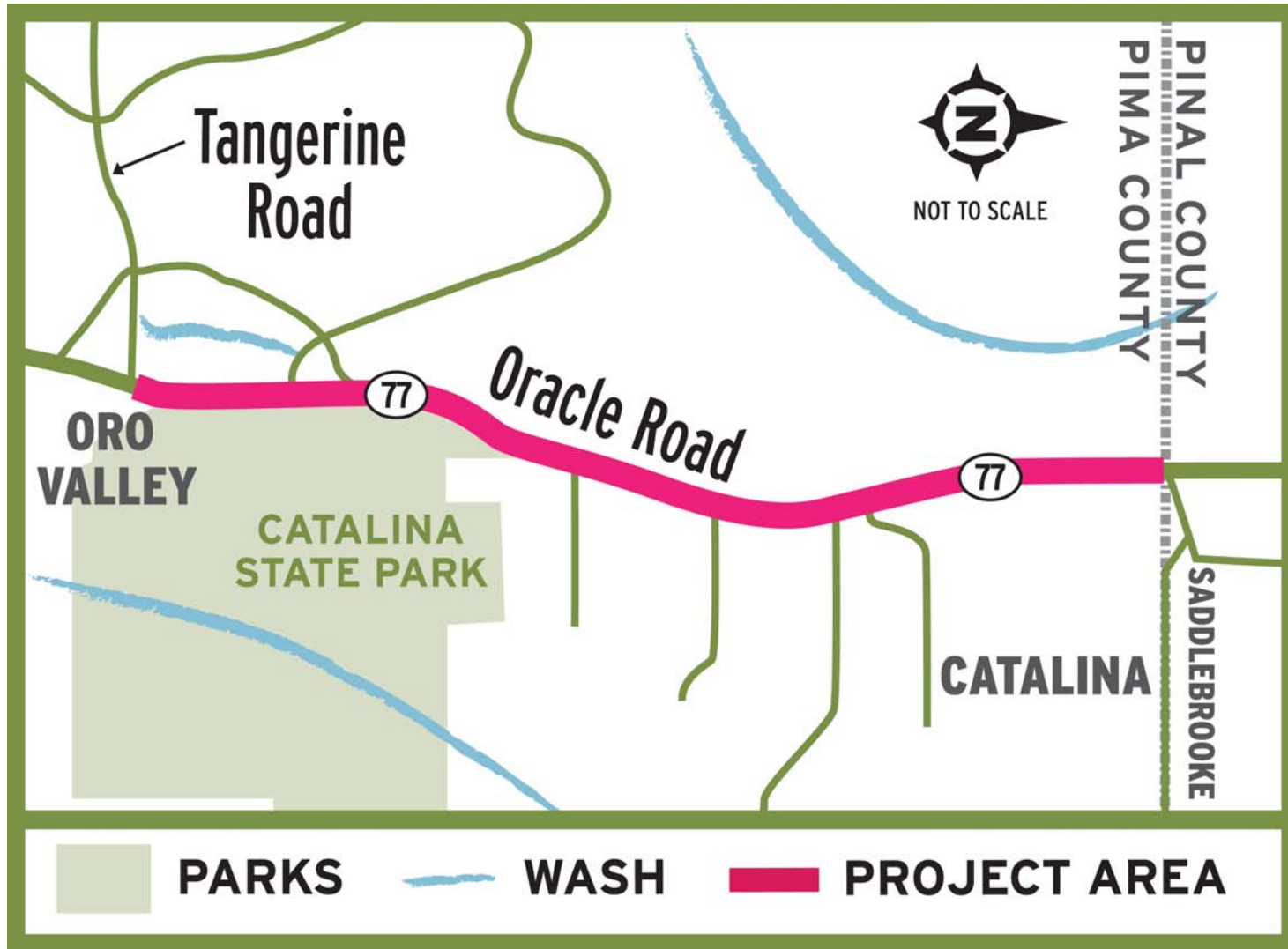


**Rich Montgomery, P.E.**

Consultant Project Engineer, URS Corporation



# Project Area





# Project Purpose and Need



- Improve traffic capacity
- Improve traffic movement and access
- Enhance safety
- Meet current design standards



# Anticipated Project Schedule



- **Design, 2011 to 2013**
- **Construction**
  - Project to be bid upon design completion
  - Anticipated construction start: fall of 2013
  - Anticipated construction duration: 2 years



# Project Improvements



## Proposed improvements include

- An additional 12-foot-wide travel lane in each direction for a total of six travel lanes throughout the project area



# Project Improvements



## Proposed improvements include

(Continued)

- 10-foot-wide shoulders (7 foot with curb in Catalina)
  - Cyclists may use widened shoulders
- Rubberized asphalt
- Retaining walls and noise walls (*if required*)



# Project Improvements



## Proposed improvements include

(Continued)

- Drainage improvements
- Shared-use path
  - Replacing path on the east side of Oracle Road from Wilds Road to Mainsail Boulevard



# Project Overview



**Jason Simmers, P.E.**

Consultant Project Engineer, Kittelson & Associates



# Project Improvements



## Access management

- Managing access to properties to increase capacity, reduce congestion and enhance safety
  - Raised medians and median openings
  - Traffic signals
  - Joint-access driveways



# Project Improvements



## Access management

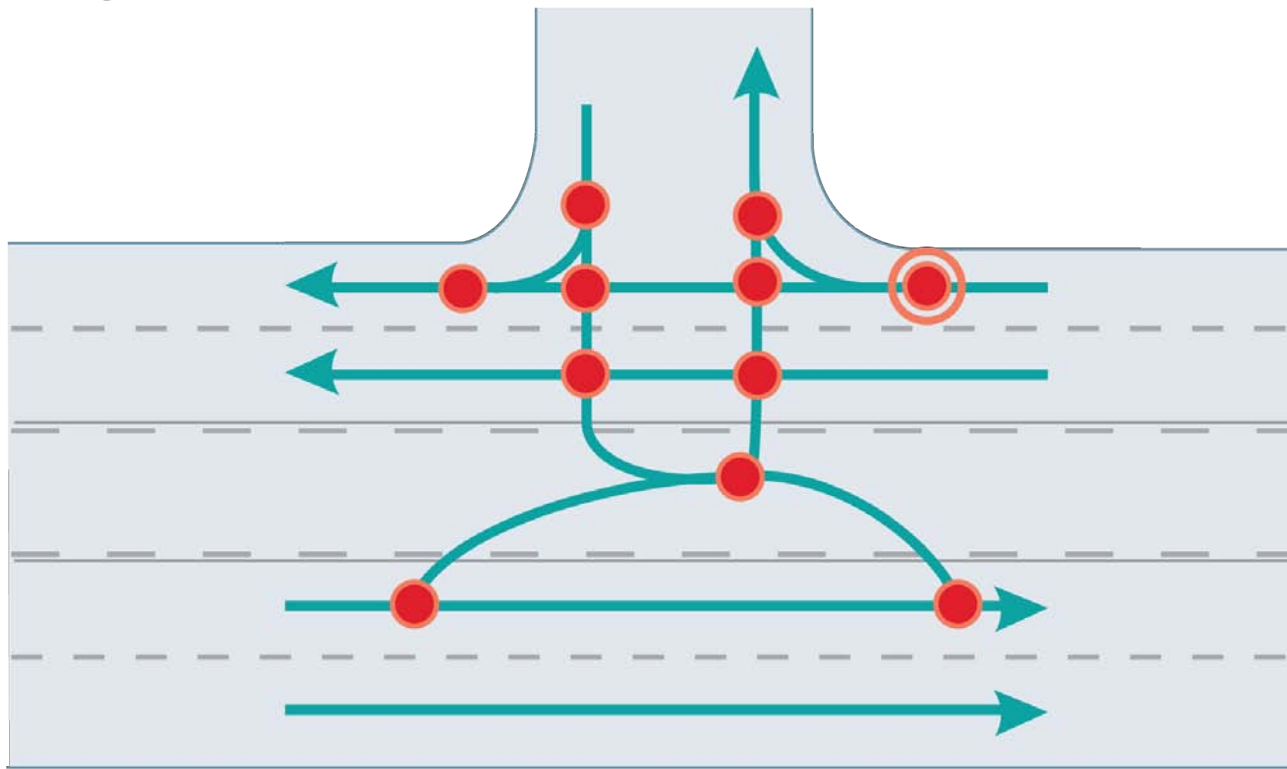
- Enhanced safety
  - Up to 35% reduction in crashes
- Improved traffic flow
  - Reduced congestion and delays
    - Up to 20% - 40% travel time reduction
    - Up to 35% emissions reduction



# Project Improvements



Typical points of traffic conflict without access management

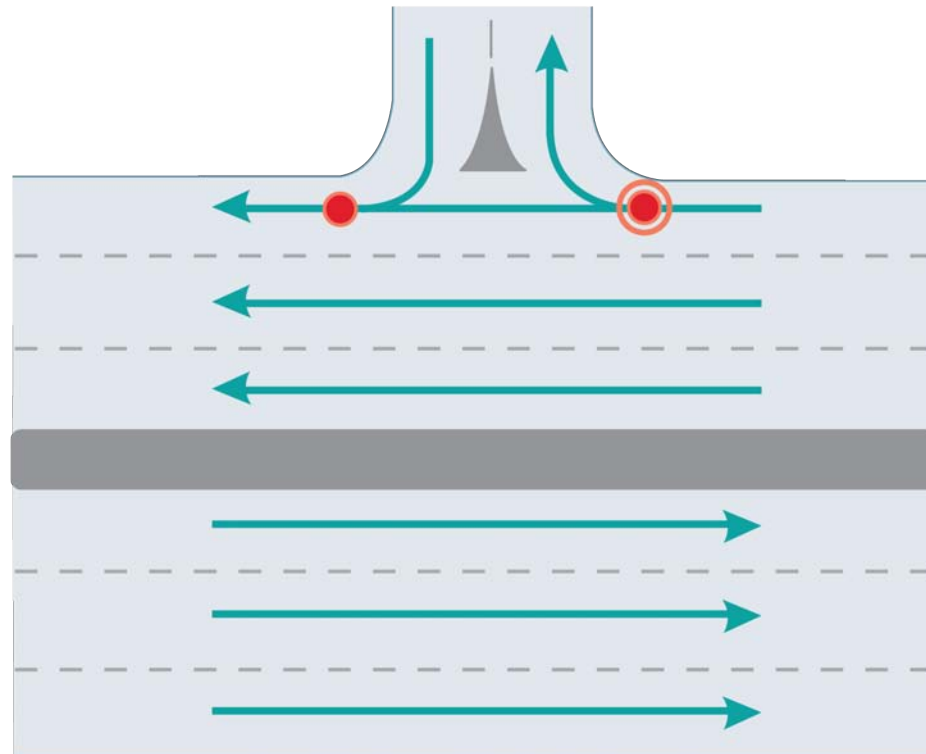




# Project Improvements



Typical points of conflict with raised medians, median openings and left-turn lanes





# Project Improvements



- Raised medians provide better traffic flow and help reduce congestion
- Studies have shown that raised medians have little effect on a customer's choice of where to shop and are seen as a beneficial safety feature



# Project Improvements



- Because shoppers are likely to avoid congested areas, any improvement to traffic flow tends to be of benefit to local businesses

*\*Information taken from Utah Department of Transportation "Raised Medians" brochure.*



# Project Improvements

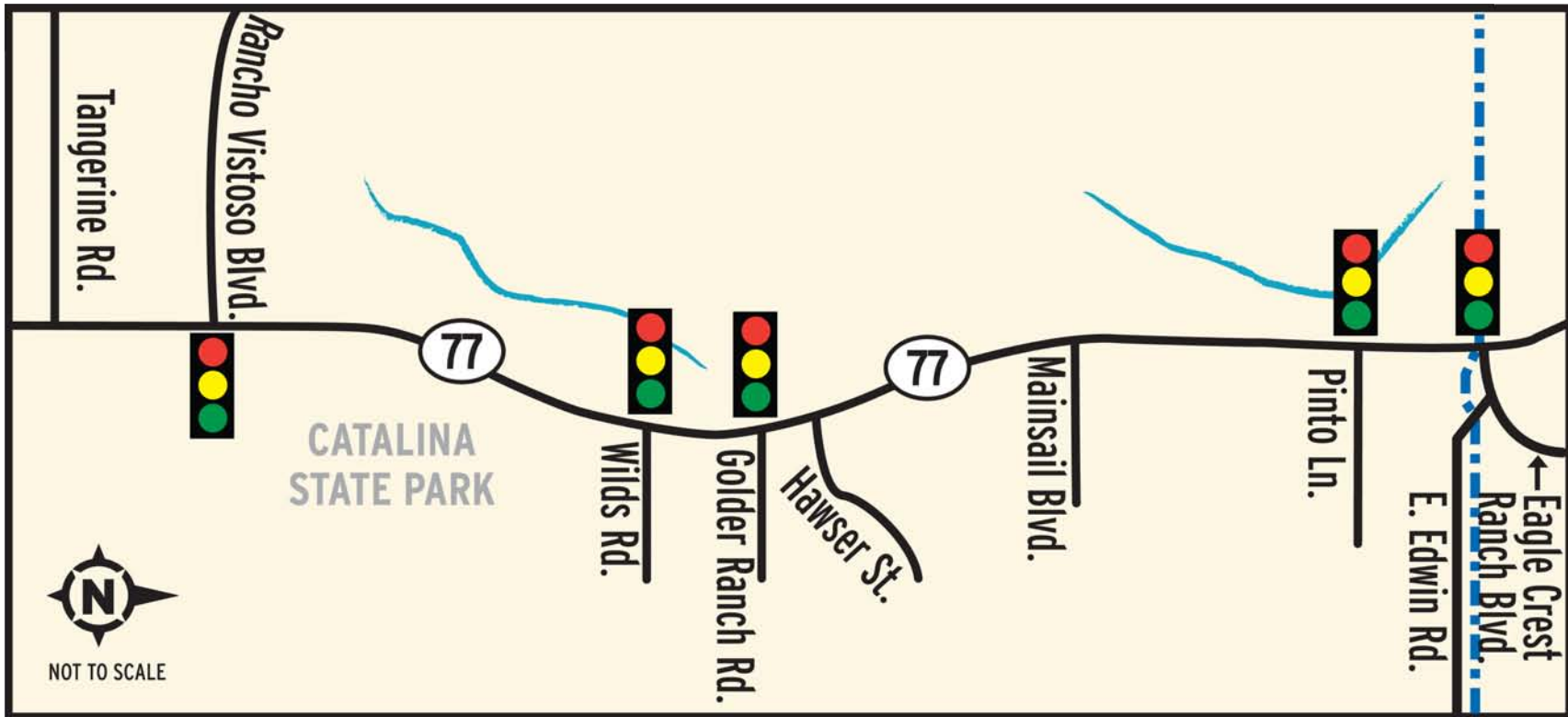


## Signals

- Traffic signal improvements
  - Rancho Vistoso Boulevard
  - Wilds Road
  - Golder Ranch Road
  - Pinto Lane
  - Eagle Crest/Edwin Road



# Project Improvements





# Project Improvements



## Joint-Access Driveways

- Consolidating driveways to be joint-use driveways
  - Reduced vehicle conflicts
  - Reduced pedestrian and bike conflicts
  - Increased roadway and driveway functionality and capacity
  - More visually appealing



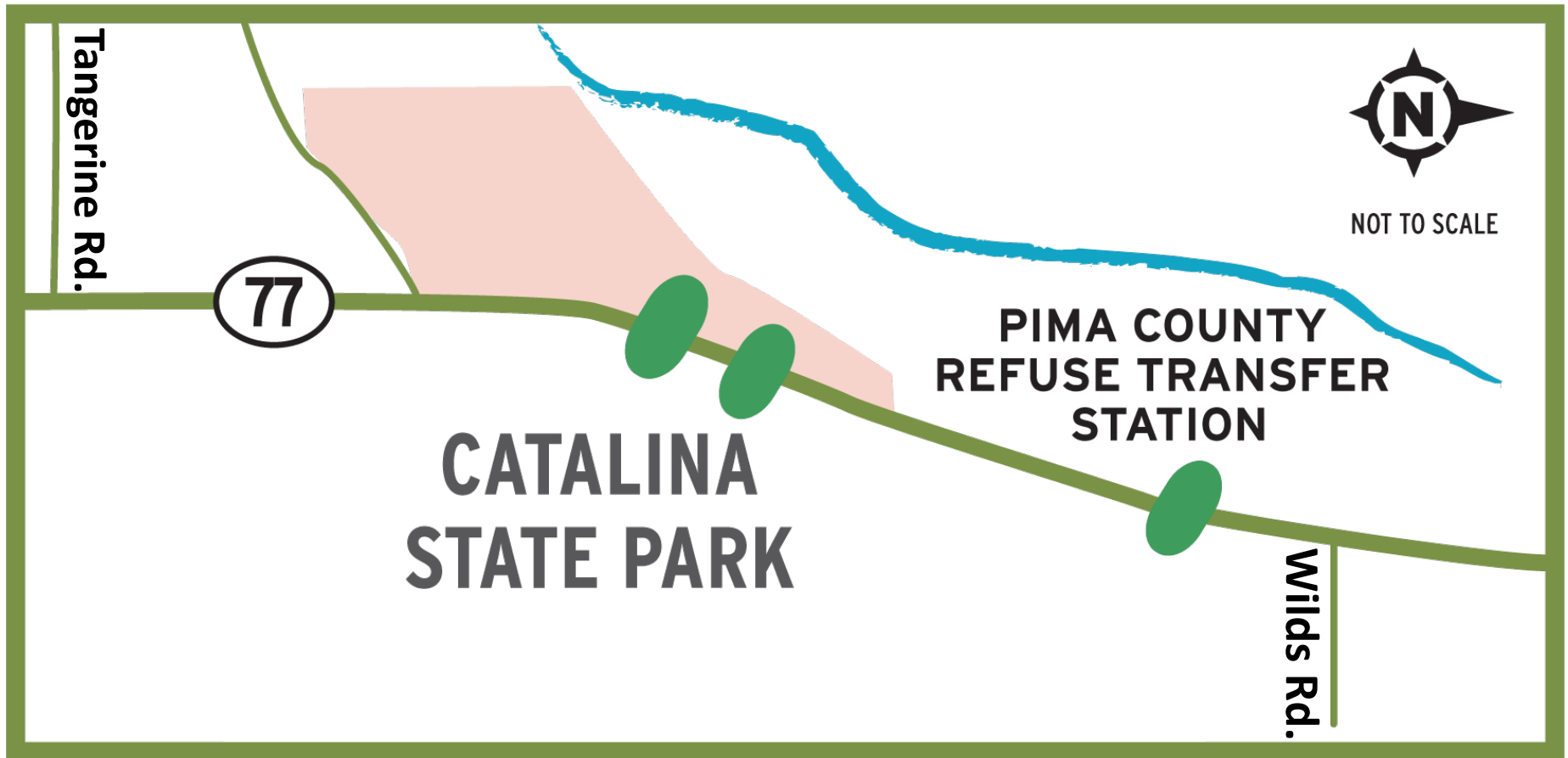
# Wildlife Crossings



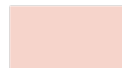
- Three wildlife crossing structures to allow wildlife to pass safely between the Santa Catalina and Tortolita mountains
  - Made possible through RTA funding
  - Planned to be designed and constructed at the same time as this project
  - Provides wildlife connectivity and reduces roadway hazards



# Wildlife Crossings



WILDLIFE CROSSING



RESIDENTIAL



WASH



# Project Overview



**Justin Hoppmann**

Consultant Environmental Specialist,  
Aztec Engineering



# Environmental Overview



- An environmental document and technical studies will be prepared in accordance with the National Environmental Policy Act (NEPA) and other laws and regulations



# Environmental Overview



## Resources to be evaluated

- Social and economic conditions
- Air quality
- Traffic noise
- Natural and biological resources
- Water quality
- Cultural and historic resources
- Hazardous materials



# Public Outreach and Participation



- Public meetings
- Small group meetings
- Business outreach
- Ongoing contact
- Website

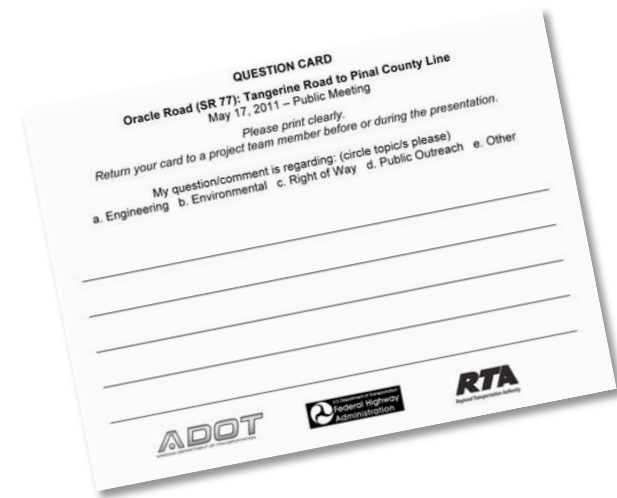




# Tell Us What You Think!



- Question and comment session
  - Submit general questions using question cards
  - After the presentation, speak to project team members at information stations
- Comment forms





# Tell Us What You Think!



Visit the project website:

[www.azdot.gov/oracleroadtopinal](http://www.azdot.gov/oracleroadtopinal)

**Thank you  
for participating!**