



## 10.0 REFERENCES

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Kolb Road: Sabino Canyon Road to Sunrise Drive  
*Environmental Assessment and Mitigation Report*



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Kolb Road: Sabino Canyon Road to Sunrise Drive  
*Environmental Assessment and Mitigation Report*



**Appendix**



Kolb Road: Sabino Canyon Road to Sunrise Drive  
*Environmental Assessment and Mitigation Report*



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**Kolb Road:  
Sabino Canyon to  
Sunrise Drive  
Community Advisory Committee Meeting  
Tuesday, January 31, 2017**

**6:00 p.m. to 7:00 p.m.**

**Meeting Minutes**

**I. INTRODUCTIONS**

Paul Bennett welcomed everyone to the meeting and introduced himself as the project manager from Pima County Transportation Department (PCDOT) for the Kolb Road project. Paul introduced the other staff from PCDOT including: Rick Ellis, Carol Brichta, and Susan Vos. Other introductions followed including project design consultants from PSOMAS: Kevin Thornton and Matt Ashby. The members of the Community Advisory Committee (CAC) in attendance introduced themselves, along with the area along Kolb Road they were representing. A table of CAC members is below, along with those that during the meeting volunteered to be Chair and Vice-Chair of the Committee, along with three members who volunteered to be on the artist selection panel.

<b>Name</b>	<b>Email</b>	<b>Area Represented</b>	<b>Other</b>	<b>January 31 2017</b>
Pamela Schuster	<a href="mailto:psshuster7283@gmail.com">psshuster7283@gmail.com</a>	<u>Quail Canyon</u>	Also to serve on Art Committee	X
Marjorie Blaine	<a href="mailto:spikeb62@msn.com">spikeb62@msn.com</a>	<u>Just off of Kolb</u>	Agreed to serve as Vice Chair	X
Thomas Helfrich	<a href="mailto:tdh1252@gmail.com">tdh1252@gmail.com</a>	<u>Rainbow Canyon</u>		X
Ken Gerhart	<a href="mailto:Kgerhart5@q.com">Kgerhart5@q.com</a>	<u>Summit Ridge</u>		X
Thomas Trimmer	<a href="mailto:tdtrimmer@gmail.com">tdtrimmer@gmail.com</a>	<u>Sunrise Presidio</u>		
Gerald W. Meyer	<a href="mailto:gwmeyer1@comcast.net">gwmeyer1@comcast.net</a>	Villa At Sabino Canyon		X
Mary Veres	<a href="mailto:mary@veresnet.org">mary@veresnet.org</a>	Quail Canyon	Agreed to serve as Chair	X
Jerry DeGrazia	<a href="mailto:jdegrazia@comcast.net">jdegrazia@comcast.net</a>	Lives on Kolb Road	Also to serve on Art Committee	X
Michael Bowman	<a href="mailto:michaleb@ranchosahuarita.com">michaleb@ranchosahuarita.com</a>	Rancho Sahuarita		X
Julie Arter	<a href="mailto:runnerjca@comcast.net">runnerjca@comcast.net</a>	Lives along Kolb	Also to serve on Art Committee	X
Diane Sayre	<a href="mailto:desayre@aol.com">desayre@aol.com</a>	Quail Canyon		
Bill Yohey	<a href="mailto:Yohbi99@outlook.com">Yohbi99@outlook.com</a>	Pinnacle Canyon Condo		
Brian Gross	<a href="mailto:Brianegross@earthlink.net">Brianegross@earthlink.net</a>	Canyon Wood Est.		

## II. CAC BACKGROUND/RESPONSIBILITIES

Paul described the origin of the CAC, commented that a copy of the Community Participation and Mitigation Ordinance was included in each member's workbook, and highlighted some of the key responsibilities that the committee has been asked to fulfill. These include:

- Represent the community as a whole by sharing and communicating the information to homeowners to express their views early enough in the study process to influence the course of studies and the action taken.
- Ask questions and provide input to the design team with respect to key concerns regarding the project.
- Review and provide input on the roadway alignment alternatives generated by the design team.
- Review and comment on the project's Design Concept Report (DCR) including the project plans.
- Review and comment on the Environmental Assessment and Mitigation Report (EAMR), including the review of environmental, neighborhood, business, alternative modes, and cost factors.

Examples of what the DCR and EAMR reports would look like and what type of contents they would have were shared with members of the CAC.

Other studies and reports associated with this project, once finalized will be posted on the Project's web site. <http://webcms.pima.gov/cms/One.aspx?portalId=169&pageId=255052> These include the following:

- Traffic Study (including review of lane drop/merge for north bound Kolb Road just north of Sabino Canyon)
- Lighting Study
- Noise Study (Note: many questions were raised and asked regarding noise).
- Various Environmental Studies (Cultural, Biological, PISA).
- Plant Inventory Survey
- Drainage Report
- Geotechnical Report

## III. PROJECT OVERVIEW

Paul noted that there are many existing houses on the east side of Kolb. To eliminate and minimize impacts to these houses, the project will focus on developing the roadway improvements and extra roadway "width" (i.e., the extra spaced need for the 6' paved shoulders and the 12' TWLTL) by expanding the road to the west.

The project will start several hundred feet north of Sabino Canyon Road and end several hundred feet south of Sunrise Drive. The project improvements are intended to include:

- A 6' paved shoulder and an 11' travel lane for both the northbound and southbound directions. A shared 12' center left-turn lane that is also sometimes referred to as a two-way left turn lane (TWLTL). (The intent is to provide for left turns into the various residences along Kolb Road without having to stop traffic.)
- A Pedestrian facility such as an asphalt or concrete path. Where feasible, the path will be offset from the edge of the new roadway. From initial design efforts, the path location will likely be on the west side of the road.
- Generally, the roadway will be uncurbed; however, some sections of raised curb may be necessary such as at key drainage locations, the intersection at Snyder road, and when design constraints dictate that the pedestrian path should be placed immediately adjacent to the paved shoulder.
- Drainage improvements such as replacement of existing undersized or degraded cross drainage culverts, roadside ditches and potentially some isolated sections of roadway storm sewer systems, looking to maintain existing drainage patterns as best as possible.

The project's construction component is funded with federal funds, which would become available in the Fall of 2018 (Oct 2018), with anticipated construction to start early 2019 and last between 15 and 18 months.

There will be a public art component within the project, which is expected to be approximately \$100K. Three members of the CAC will participate on the artist selection committee.

#### **IV. FUTURE MEETINGS (Initial Tentative Schedule)**

A tentative schedule for upcoming meetings was discussed, with the potential for the next meeting, based on the timing of the development of project plans and other materials, to occur over the next several months.

**August 2017 – CAC & Review of DCR**

**October 2017 – CAC & EAMR BACKGROUND**

**December 2017– CAC – FINALIZE EAMR - PUBLIC OPEN HOUSE**

**February 2018 – BOS MEETING – APPROVE EAMR**

- Note that based on additional discussions with the CAC and public during this meeting, that the schedule will be adjusted with an additional meeting in the June/July timeframe to allow for additional project review by the CAC and public.

## V. QUESTIONS & DISCUSSION DURING MEETING

Many questions were asked during the meeting, by CAC members and members of the at-large audience. These have been summarized below.

**QUESTION:** Are any CAC member's residents of houses that are located directly on Kolb Road within the project limits?

**ANSWER:** *One of the CAC members (Michael Bowman) lives directly on Kolb Road. The membership of the committee is intended to garner a representative sample of community members from communities along both sides of Kolb between Sabino Canyon and Sunrise Drive.*

**QUESTION:** There are existing signs in the corridor indicating restricted large truck load limits. Will the County keep these in place after the project is constructed?

**ANSWER:** *The County will review this as part of the overall project review.*

**QUESTION:** Multiple members of the at-large audience asked questions related to roadway noise and if the project would construct sound abatement walls.

**ANSWER:** *There will be a noise study conducted and a noise report would be prepared. The report will determine if noise walls are warranted, feasible (can be constructed) and reasonable (cost effective). If these criteria are met, then the directly affected properties would vote if they want a wall constructed or not (majority rules).*

**QUESTION:** The original Kolb Road project was 4-lanes, why is this not being considered and pursued, and the follow up question of - Will the County share and provide the traffic report that supports this change?

**ANSWER:** *Based on a traffic analysis of the northeast foothill area, a 4-lane roadway along Kolb is not required. The basis for this is because most of the land in the immediate vicinity of the project has either been fully "built-out" or nearly so. The regional traffic study of the area predicted that a total of 10-lanes were needed to effectively move vehicles into and out of the foothills. Based on the improvements to Craycroft Road (4-lanes) and Swan Road (4-lanes), Kolb Road could remain a 2-lane section. However, because of the location of multiple residences along the corridor, it would also benefit from having a dedicated center turn lane (TWLTL) along with paved shoulders for bicyclists. A copy of this report will be included on the project site web page.*

**QUESTION:** A member of the at-large audience that lives directly on Kolb asked if the existing guardrail would remain.

**ANSWER:** *In areas where there is guardrail today, the project will likely need to replace the guardrail to bring it into compliance with current guidelines and standards. The need for and locations of guardrails will be reviewed as part of the overall project review.*

**QUESTION:** The CAC members and the at-large attendees were asked if they had a preference on the style of guardrail to be considered for the project. Do people prefer galvanized or Cor-Ten guardrail?

**ANSWER:** *Collectively the group preferred the Cor-ten guardrail, which is the type/style of guardrail used on Sunrise Drive between Craycroft Road and Kolb Road.*



**QUESTION:** Will the project improvements impact the existing CenturyLink facilities found on the southwest corner of the Kolb/Snyder intersection?

**ANSWER:** *The project designers are aware of these facilities, and would look to avoid impacting these facilities because it would be expensive to relocate them and these costs would likely be paid for by the project.*

**QUESTION:** There used to be existing signs that mentioned Kolb Road and a “Ventana Scenic Corridor”. How can I get more information about these signs?

**ANSWER:** *It was suggested to contact Pima County Development Services.*

**QUESTION:** A CAC member noted that the next meeting for the CAC was not until August. Should the CAC meet more frequently?

**ANSWER:** *It was noted that meetings could be more frequently, and that the one tentatively for August would likely be shifted into June or July as more progress is made on the initial design and the environmental studies and reports started to provide information/feedback.*

**Contact Information:**

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**Kolb Road:  
Sabino Canyon to  
Sunrise Drive  
Community Advisory Committee Meeting  
Wednesday, March 29, 2017**

**6:00 p.m. to 7:00 p.m.**

**Meeting Minutes**

**I. INTRODUCTIONS**

Paul Bennett welcomed everyone to the meeting and introduced himself as the project manager from Pima County Transportation Department (PCDOT) for the Kolb Road project. Paul introduced the other staff from PCDOT including: Rick Ellis, Beth Abramovitz, Carol Brichta, and Shara Canez. Other introductions followed including project design consultants from PSOMAS: Kevin Thornton, Alejandro Angel, and Matt Ashby. The members of the Community Advisory Committee (CAC) in attendance introduced themselves, along with the area along Kolb Road they were representing. A table of CAC members is below, with their contact information, area represented, other specific activities associated with the CAC, and their attendance.

<b>Name</b>	<b>Email</b>	<b>Area Represented</b>	<b>Other</b>	<b>March 29 2017</b>
Pamela Schuster	<a href="mailto:psshuster7283@gmail.com">psshuster7283@gmail.com</a>	Quail Canyon	Art Committee	
Marjorie Blaine	<a href="mailto:spikeb62@msn.com">spikeb62@msn.com</a>		Vice Chair	X
Thomas Helfrich	<a href="mailto:tjh1252@gmail.com">tjh1252@gmail.com</a>			X
Ken Gerhart	<a href="mailto:Kgerhart5@q.com">Kgerhart5@q.com</a>	Summit Ridge		X
Thomas Trimmer	<a href="mailto:tdtrimmer@gmail.com">tdtrimmer@gmail.com</a>	Sunrise Presidio		X
Gerald W. Meyer	<a href="mailto:gwmeyer1@comcast.net">gwmeyer1@comcast.net</a>	Villa At Sabino Canyon		X
Mary Veres	<a href="mailto:mary@veresnet.org">mary@veresnet.org</a>	Quail Canyon	Chair	X
Jerry DeGrazia	<a href="mailto:jdegrazia@comcast.net">jdegrazia@comcast.net</a>	Kolb Road	Art Committee	X
Michael Bowman	<a href="mailto:michaleb@ranchosahuarita.com">michaleb@ranchosahuarita.com</a>	Rancho Sahuarita		
Julie Arter	<a href="mailto:runnerjca@comcast.net">runnerjca@comcast.net</a>	Kolb Road	Art Committee	X
Diane Sayre	<a href="mailto:desayre@aol.com">desayre@aol.com</a>	Quail Canyon		X
Bill Yohey	<a href="mailto:Yohbi99@outlook.com">Yohbi99@outlook.com</a>	Pinnacle Canyon Condo		X
Brian Gross	<a href="mailto:BrianeGross@earthlink.net">BrianeGross@earthlink.net</a>	Canyon Wood Est.		X
David Burrows	<a href="mailto:DavidBurrows.L&amp;S@gmail.com">DavidBurrows.L&amp;S@gmail.com</a>	Kolb Road		X

## II. PROJECT PRESENTATION

Paul reviewed the topics to be discussed and ground rules to be followed for meeting, (CAC questions and input, followed by audience questions and input). The meeting's purpose was to provide an update on the status of the project, a review and discussion of alignment possibilities based on comments from the January 31<sup>st</sup> meeting, and review traffic concerns that had been identified within the northern most segment of the project.

**Project Status** – Project efforts continue, with the next field activities to be that of Geotechnical Analysis, which will involve drilling along the roadway at several locations to obtain soil samples. There should not be any significant traffic impacts from these efforts and the work should occur in May/June, once approvals have been received from ADOT.

**Roadway Configuration/Sidewalk Alternatives** – Based on prior meeting comments additional review of the sidewalk location was made. Kevin Thornton of PSOMAS presented two potential alternatives for sidewalk/pedestrian pathway locations along Kolb.

The first was to provide a sidewalk on the west side only from Sabino Canyon to Sunrise Drive as was discussed at the prior meeting. While this would provide continuity for pedestrians along the corridor, it would not provide connectivity to the east side residents and could be problematic, requiring additional retaining walls, steeper driveways, drainage issues, and concerns at the Snyder intersection.

Kevin then commented that another possibility was reviewed, placing sidewalks on both sides. However, this possibility would further increase overall project costs, so a review of a mixture of these two suggestions was made.

The second alternative was then presented, that being more of a hybrid between the first and second possibility. This would provide a sidewalk on the east side from Sabino Canyon to Sunrise Drive, there would be a sidewalk on the west side from Gate Ridge Road to Sunrise Drive, and some type of pathway on the west side – running between Sabino Canyon and Snyder. This suggestion garnered support based on costs, drainage, continuity and Snyder tie-in concerns. Three comments were made relative to this alternative – could the path between Sabino and Snyder be 1 - separated from the roadway and 2 - possibly asphalt. There was also a concern with pedestrians crossing from east to west at the north end of the project.

The design team will review the second alternative and also provide cross sections at various locations along Kolb for the CAC to review.

**Roadway Traffic Concerns** – The next portion of the meeting was led by Alejandro Angel of PSOMAS, with the focus being on traffic volumes and safety. He reviewed the daily volume counts for the Sabino Canyon to Snyder segment and the Snyder Road to Sunrise Drive segment. Additionally, he provided the crash data (type and frequency) for both of these segments of roadway.

At the northern end of the project (Territory Drive to Sunrise Drive), there have been a higher than average number of accidents that have occurred at the mid-block exit (between Territory Drive and Sunrise Drive) onto Kolb. Alejandro reviewed the traffic volumes and the potential solutions that could be made to address this safety issue, along with projected outcomes based on each of the potential solutions.

The first alternative would be to widen shoulders and install additional lighting. This effort is predicted to provide some improvement in overall crash rate.

A second alternative would build upon the first and extend the median and limit the turning movements from the mid-block exit to only allow for right turns (southbound). Again this effort is predicted to provide some improvements in overall crash rate, but would also increase delays for those exiting Territory Drive to turn northbound onto Kolb Road.

A third alternative was then presented that would further extend the median to Territory Drive, and for that intersection a single lane roundabout would be installed (instead of a signal since the intersection is too close to the Sunrise Drive intersection, which is already signalized). This configuration would provide improvements in overall crash rate and minimize the delays at the Kolb Road and Territory Drive intersection. Additionally, based on the design of the roundabout, pedestrian crossings would be easier to complete (crossing only one lane at a time), and the roundabout could fit into the existing right of way.

There was significant discussion regarding the third alternative and the potential for this to also provide speed reduction as Kolb Road approaches Territory Drive and the higher density shopping area. When the CAC was asked if they would support this as an alternative, many of the CAC members raised their hands and voiced their support of the concept and commented that people will need some education regarding how to negotiate the roundabout, but that it should work well. They also suggested advance signs to let people know of the upcoming roundabout.

Another traffic issue of concern is with the northbound merge lanes, just to the north of the Sabino Canyon intersection. The design team is aware of this concern and will have recommendations regarding possible solutions as the project design moves forward.

A copy of the meeting presentation has also been posted on the project website <http://webcms.pima.gov/cms/One.aspx?portalId=169&pageId=255052>.

### **III. NEXT STEPS**

The next meeting will be scheduled towards the end of May that will allow for a discussion and review of the noise modeling, along with a review the materials that are used in developing the DCR.

### **IV. PROJECT SCHEDULE**

The project is still scheduled to have design completed late summer 2018, start construction spring 2019, and be completed summer 2020.

## V. PUBLIC ART

It was announced that the Art Selection Committee members would be seeing an email containing submittal evaluations that need to be reviewed and that a time for an in-person follow up discussion of these evaluations would be scheduled in April.

## VI. FUTURE MEETINGS

A tentative schedule for upcoming meetings is listed below, based on discussions with the CAC and the timing of the development of various project materials.

**May 2017 - CAC - Basics associated with Design Concept Report (DCR) & Noise Study**  
**July 2017 – CAC for Final DCR/Noise Study and Environmental Assessment and Mitigation Report (EAMR) Basics**  
**September/October 2017 – CAC & EAMR BACKGROUND**  
**November/December 2017– CAC – FINALIZE EAMR - PUBLIC OPEN HOUSE**  
**February 2018 – BOS MEETING – APPROVE EAMR**

## VII. QUESTIONS & DISCUSSION DURING MEETING

Other questions were asked during the meeting by CAC members and members of the at-large audience. These have been summarized below.

**QUESTION:** What are the differences with Snyder between the two options discussed?

**ANSWER:** *There are not differences, as the suggestion is to eliminate the cross walk along the west and north sides of the Kolb/Snyder intersection to aid in the vertical curve and roadway tie in for the west leg of Snyder.*

**QUESTION:** Are there any private property acquisitions for either of the two options?

**ANSWER:** *None are anticipated.*

**QUESTION:** Where would the sidewalk on the east side be in relationship to the existing edge of pavement?

**ANSWER:** *It appears that the east side sidewalk would be within approximately 1' – 3' of the east edge of pavement.*

**QUESTION:** There is a concern with both water and the dirt/rock debris that both crosses and is found on the roadway during and after storm events. How will this be handled?

**ANSWER:** *The design of the roadway will address the need for appropriate drainage, curbing, and swales (where there is no curbing) to address the concerns with the water, dirt and rock materials washing onto the roadway during storm events.*

**QUESTION:** How and when will the noise issues associated with the roadway be addressed?

**ANSWER:** *With an alignment identified from this meeting, the next steps will be to model the roadway (horizontally/vertically) and to start the noise analysis process. At the next meeting we will review this process.*

**QUESTION:** There was a concern about the hill to the south of the proposed roundabout and being able to stop if traffic is backed up. How might this concern be handled?

**ANSWER:** *There will be an analysis of the sight distance for northbound traffic to determine if adjustments in the hill/slope as Kolb Road approaches Territory need to be made.*

**QUESTION:** There was a question about the bike lane configuration and the proposed roundabout.

**ANSWER:** *The project designers are aware of this potential concern and will look to provide design that allows for bicycles to either travel thru the roundabout adjacent to the flow of traffic or via the pedestrian facilities.*

**QUESTION:** Will a proposed roundabout slow down traffic at Gate Ridge Road?

**ANSWER:** *It is anticipated that the roundabout would not create issues that impact Gate Ridge Road.*

**QUESTION:** Is the Design Team working with the Fire Station?

**ANSWER:** *Yes, we will be working with the Fire Station personnel. Two representatives of the station were in attendance at the meeting.*

**QUESTION:** How will wildlife be treated?

**ANSWER:** *Wildlife and other environmental factors/issues will be reviewed, addressed and commented on as part of the Environmental Assessment and Mitigation Report, which will be assembled over the next few months as the project continues thru its design process.*

**QUESTION:** Can we get a copy of the noise study from the Sabino Canyon Road/Kolb Road Intersection (south end of this project)?

**ANSWER:** *We will see if we can identify and provide a copy of the report associated with Sabino Canyon Road/Kolb Road Intersection project from 1998.*

**QUESTION:** Why are we doing the project?

**ANSWER:** *While the project is not increasing capacity, it will improve traffic safety, road/pavement enhancement, pedestrian/bicycle connectivity, and drainage improvements.*

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**Kolb Road:  
Sabino Canyon to  
Sunrise Drive  
Community Advisory Committee Meeting  
Thursday, June 15, 2017**

**6:00 p.m. to 7:30 p.m.**

**Meeting Minutes**

**I. INTRODUCTIONS**

Paul Bennett welcomed everyone to the meeting and introduced himself as the project manager from Pima County Transportation Department (PCDOT) for the Kolb Road project. Paul introduced the other staff from PCDOT including: Rick Ellis, Kathryn Skinner, and Carol Brichta. Other introductions followed including project design consultants from PSOMAS: Kevin Thornton, Matt Ashby, along with Bill Holliday (Sound Solutions). The members of the Community Advisory Committee (CAC) in attendance introduced themselves. A table of CAC members is below, with their contact information, area represented, other specific activities associated with the CAC, and their attendance.

Name	Email	Area Represented	Other	June 15 2017
Pamela Schuster	<a href="mailto:psshuster7283@gmail.com">psshuster7283@gmail.com</a>	Quail Canyon	Art Committee	X
Marjorie Blaine	<a href="mailto:spikeb62@msn.com">spikeb62@msn.com</a>		Vice Chair	
Thomas Helfrich	<a href="mailto:tjh1252@gmail.com">tjh1252@gmail.com</a>			X
Ken Gerhart	<a href="mailto:Kgerhart5@g.com">Kgerhart5@g.com</a>	Summit Ridge		
Thomas Trimmer	<a href="mailto:tdtrimmer@gmail.com">tdtrimmer@gmail.com</a>	Sunrise Presidio		
Gerald W. Meyer	<a href="mailto:gwmeyer1@comcast.net">gwmeyer1@comcast.net</a>	Villa At Sabino Canyon		X
Mary Veres	<a href="mailto:mary@veresnet.org">mary@veresnet.org</a>	Quail Canyon	Chair	X
Jerry DeGrazia	<a href="mailto:jdegrazia@comcast.net">jdegrazia@comcast.net</a>	Kolb Road	Art Committee	
Michael Bowman	<a href="mailto:Mijabow@gmail.com">Mijabow@gmail.com</a>	Kolb		X
Julie Arter	<a href="mailto:runnerjca@comcast.net">runnerjca@comcast.net</a>	Kolb Road	Art Committee	X
Diane Sayre	<a href="mailto:desayre@aol.com">desayre@aol.com</a>	Quail Canyon		X
Bill Yohey	<a href="mailto:Yohbi99@outlook.com">Yohbi99@outlook.com</a>	Pinnacle Canyon Condo		X
Brian Gross	<a href="mailto:Briangross@earthlink.net">Briangross@earthlink.net</a>	Canyon Wood Est.		X
David Burrows	<a href="mailto:DavidBurrows.L&amp;S@gmail.com">DavidBurrows.L&amp;S@gmail.com</a>	Kolb Road		X

## II. PROJECT PRESENTATION

Paul reviewed the topics to be discussed and ground rules to be followed for the meeting, (CAC questions and input, followed by audience questions and input). The meeting's purpose was to provide an update on the status of the project, a review and discussion of the process for evaluating noise/sound along the corridor, and to review the material that will be included in the Design Concept Report.

**Project Status** – Project efforts continue, with completion of field efforts associated with Geotechnical Analysis (drilling along the roadway at several locations to obtain soil samples). The two project concept documents [Project Assessment (PA) for ADOT/FHWA and Design Concept Report (DCR) – Pima County] have been developed and are currently being reviewed. It is anticipated comments should be received from ADOT regarding the PA in the next few weeks. The internal review of the DCR is expected to be completed by the end of June, at which time the draft document will be circulated amongst the CAC members, and it will be placed on the project website for review.

**Noise Study Process** – Bill Holliday presented background and process information relative the Noise Study to be conducted for the project. He reviewed the approach for the Noise Study, which uses the FHWA Traffic Noise Model (2.5), and involves the creation and then the calibration of a noise model that is based on the existing roadway conditions and adjacent topography. The model then looks at the future roadway configuration and adjacent topography; and takes into account vehicle speeds, traffic volumes, vehicle mix, elevations, ground types, receiver elevations, and existing barriers. Once the model is built and verified, it is used as a predictor of future noise levels. These predicted future noise levels are then reviewed to determine if any criteria for additional investigation will be met. The County's criteria that triggers further investigation include noise levels reaching 66 dBA or higher, or result in a 15 dBA increase between existing and future noise levels. Should either of these two situations occur, noise mitigation will be reviewed. The mitigation will need to be deemed reasonable and feasible for it to be further pursued. Bill identified that for the mitigation to meet the reasonable and feasible threshold, it will need to achieve at least a 5 dBA reduction at the noise sensitive receiver, the barrier must benefit two or more adjacent receivers, and the cost of the barrier must be \$35,000 or less per benefited receiver. Additionally, a majority of the property owners must approve the barrier and be less than 10 feet in height. It was also noted that the mitigation is only for the first floor. A roll plot map was also provided to the group, which indicated where measurement and predictor points would occur along the roadway. Bill took questions throughout his presentation, with these listed in the Questions and Discussion section that follows.

**Design Concept Report** – The next portion of the meeting was led by Paul Bennett with the focus of the discussion on what will be contained in the DCR. A copy of the Draft DCR was circulated for the CAC. The presentation then reviewed the types of information that is included in the DCR. This information includes narrative comments regarding the Project; the Project Area; Traffic and Accident Data; Design Standards; Major Design Features; Social, Economic, and Environmental Considerations; Public Involvement; Agency Coordination; Alternatives; Cost Estimates; Project Budget; Delivery Method; and Recommendations/Conclusions.



Kolb Road: Sabino Canyon to Sunrise Drive Community Advisory Committee Meeting  
Thursday, June 15, 2017

A copy of the meeting presentations have also been posted on the project website <http://webcms.pima.gov/cms/One.aspx?portalId=169&pageId=255052>.

At the end of the meeting the audience indicated their appreciativeness of the information being shared and their appreciation for those on the CAC for their time and effort.

### **III. NEXT STEPS**

The next meeting will be scheduled in August to allow for a discussion and review of the results from the Noise modeling, a review the DCR, and a potential review of the basic items that will be in the Environmental Assessment and Mitigation Report (EAMR), time permitting.

### **IV. PROJECT SCHEDULE**

The project is still scheduled to have design completed late summer 2018, start construction spring 2019, and be completed summer 2020.

### **V. PUBLIC ART**

It was announced that the Art Selection Committee had selected Robin Riley (Tucson) as the project artist. She will be asked to attend the Public Open House in November.

### **VI. FUTURE MEETINGS**

A tentative schedule for upcoming meetings is listed below, based on discussions with the CAC and the timing of the development of various project materials.

- August 2017 – CAC and Review DCR/Noise Study and Environmental Assessment and Mitigation Report (EAMR) Basics (time permitting)**
- September/October 2017 – CAC & EAMR BACKGROUND**
- November 2017– CAC – FINALIZE EAMR - PUBLIC OPEN HOUSE**
- December 2017 – BOS MEETING – APPROVE EAMR**

### **VII. QUESTIONS & DISCUSSION DURING MEETING**

Questions that were asked during the meeting by CAC members and members of the at-large audience are summarized below.

**QUESTION:** Is there any consideration for quality of roadway or degradation relative to the noise model?

**ANSWER:** *No*

**QUESTION:** Will rubberized asphalt be included in the noise model?

**ANSWER:** *No. This would only come into play if mitigation is needed, but rubberized asphalt is not recognized as mitigation feature for Federal Projects.*

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**QUESTION:** Does noise model account for steep slope or wall and reflective properties?

**ANSWER:** *Yes, but it depends upon the slope or wall conditions.*

**QUESTION:** Will the proposed improvements get added to the noise model?

**ANSWER:** *Yes, the design of the roadway will be incorporated into the noise model.*

**QUESTION:** How do traffic projections get done?

**ANSWER:** *A traffic count was taken along Kolb Road in October 2016 and a review was made of the PAG traffic projections for the roadway to determine future volumes.*

**QUESTION:** There is a concern about the Immaculate Heart Development Report and its forecasted 2040 volumes. How is this concern being handled?

**ANSWER:** *The Project Team is in the process of tracking down the report and will then review to determine appropriateness of numbers and address discrepancy.*

**QUESTION:** There was a concern that the new Sabino Canyon extension has impacted traffic flow on this section of Kolb.

**ANSWER:** *The projected traffic counts from PAG included the extension. An additional traffic count will be taken along Kolb Road in October 2017 to further verify the volumes.*

**QUESTION:** Will the load limit remain for Kolb Road?

**ANSWER:** *Not sure. Additional review is needed to determine the basis of why the load limit was established and if it will remain or be lifted.*

**QUESTION:** Is the 66 dBA the maximum or average?

**ANSWER:** *Average.*

**QUESTION:** Where is the noise measured?

**ANSWER:** *At the worst case receiver locations.*

**QUESTION:** Will there be an impact on the noise based on vegetation, or time of year (winter vs. summer)?

**ANSWER:** *Temperature is included. Ground cover is also an input into the model as a parameter.*

**QUESTION:** There is somewhat of a natural amphitheater around Snyder, with noise reverberations. How will the noise model handle this?

**ANSWER:** *The model can be adjusted for reflected noise.*

**QUESTION:** Why is road being improved?

**ANSWER:** *While the project is not increasing capacity, it will improve traffic safety, road/pavement enhancement, pedestrian/bicycle connectivity, and drainage improvements.*

**QUESTION:** Will there be right turn lanes and special access if barriers are added for access to the homes along Kolb?

Kolb Road: Sabino Canyon to Sunrise Drive Community Advisory Committee Meeting  
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**ANSWER:** *There is a paved shoulder for turning into homes along Kolb. However, it should also be noted that the walls have to be for and function as a noise abatement feature, as Federal funding will not pay for screen walls. The walls are not considered a crash barrier.*

**QUESTION:** When will noise field measurement be done?

**ANSWER:** *Within the next month.*

**QUESTION:** Will the data be fudged/adjusted?

**ANSWER:** *We are using industry standard software.*

**QUESTION:** What is the timing of the Draft and Final DCR?

**ANSWER:** *The Draft DCR will be out for comment at the end of June. The intent is to have the CAC review during July and provide feedback before, and also at the August CAC meeting. The Final DCR is anticipated to be complete later this fall. Note that we are also looking to hold a Public Open House in November to review the plans.*

**QUESTION:** What are the design concerns/exceptions of the project?

**ANSWER:** *The project will have a design exception created by the steep grade of Snyder (19% west, 13% east) which is unavoidable.*

**QUESTION:** Will there be plant salvage along the project?

**ANSWER:** *Plants along the corridor will be salvaged as appropriate (including Saguaros). Once County has completed salvage efforts, other non-profit entities (e.g. - Tucson Succulent Society) may then salvage thru corridor.*

**QUESTION:** Has there been coordination with Sun Tran?

**ANSWER:** *Not yet, but Bea Paulus (Sun Tran Representative) will be contacted regarding Route 105X which circles around the Basha's shopping center.*

**QUESTION:** Has the determination of a sidewalk vs. a path on the west side been decided?

**ANSWER:** *No. This is still open for discussion. This had been updated in the PA to reflect a sidewalk or pathway to maintain that possible option. It is also stated as a sidewalk or pathway in the current DCR.*

**QUESTION:** Will there be continuous lighting along Kolb?

**ANSWER:** *No Lighting will be at key locations, the commercial segment at the north end of the project, Snyder Road, and potentially at the Fire Station.*

**QUESTION:** Are there any plans to improve River Road?

**ANSWER:** *Only as a long range goal at this time.*

**Contact Information:**

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**Kolb Road:  
Sabino Canyon to Sunrise Drive  
Community Advisory Committee Meeting  
Tuesday, August 29, 2017**

**6:00 p.m. to 7:30 p.m.  
Meeting Minutes**

**I. INTRODUCTIONS**

Paul Bennett welcomed everyone to the meeting and introduced himself as the project manager from Pima County Transportation Department (PCDOT) for the Kolb Road project. Paul introduced the other staff from PCDOT including: Carol Brichta. Other introductions followed including project design consultants from PSOMAS: Kevin Thornton, Matt Ashby, Elizabeth Barnes, along with Bill Holliday (Sound Solutions). The members of the Community Advisory Committee (CAC) in attendance introduced themselves. A table of CAC members is below, with their contact information, area represented, other specific activities associated with the CAC, and their attendance.

Name	Email	Area Represented	Other	August 29 2017
Pamela Schuster	<a href="mailto:psshuster7283@gmail.com">psshuster7283@gmail.com</a>	Quail Canyon	Art Committee	X
Marjorie Blaine	<a href="mailto:spikeb62@msn.com">spikeb62@msn.com</a>		Vice Chair	X
Thomas Helfrich	<a href="mailto:tjh1252@gmail.com">tjh1252@gmail.com</a>			X
Ken Gerhart	<a href="mailto:Kgerhart5@q.com">Kgerhart5@q.com</a>	Summit Ridge		X
Thomas Trimmer	<a href="mailto:tdtrimmer@gmail.com">tdtrimmer@gmail.com</a>	Sunrise Presidio		
Gerald W. Meyer	<a href="mailto:gwmeyer1@comcast.net">gwmeyer1@comcast.net</a>	Villa At Sabino Canyon		
Mary Veres	<a href="mailto:mary@veresnet.org">mary@veresnet.org</a>	Quail Canyon	Chair	X
Jerry DeGrazia	<a href="mailto:jdegrazia@comcast.net">jdegrazia@comcast.net</a>	Kolb Road	Art Committee	
Michael Bowman	<a href="mailto:Mijabow@gmail.com">Mijabow@gmail.com</a>	Kolb		X
Julie Arter	<a href="mailto:runnerjca@comcast.net">runnerjca@comcast.net</a>	Kolb Road	Art Committee	X
Diane Sayre	<a href="mailto:desayre@aol.com">desayre@aol.com</a>	Quail Canyon		X
Bill Yohey	<a href="mailto:Yohbi99@outlook.com">Yohbi99@outlook.com</a>	Pinnacle Canyon Condo		X
Brian Gross	<a href="mailto:Brianegross@earthlink.net">Brianegross@earthlink.net</a>	Canyon Wood Est.		X
David Burrows	<a href="mailto:DavidBurrows.L&amp;S@gmail.com">DavidBurrows.L&amp;S@gmail.com</a>	Kolb Road		X

## II. PROJECT PRESENTATION

Paul reviewed the topics to be discussed for the meeting, with the purpose to provide an update on the status of the project, a review and discussion of any comments on the Draft Design Concept Report, the results of the Noise Study conducted along the corridor, and the material that will be included in the Environmental Assessment and Mitigation Report (EAMR).

**Project Status** – Project efforts continue. The Project Assessment (PA) has been accepted by ADOT/FHWA. The Draft Design Concept Report (DCR) for Pima County was distributed to CAC members for comments and will be discussed later as part of the meeting. The second set of design plans used to develop final plans is being finished (four stages). The noise study, which will also be reviewed as part of the meeting has been completed. The EAMR is currently under development, with a review of the types of information contained within this report to be covered as the third major topic of this meeting.

**Design Concept Report** – The next portion of the meeting focused on feedback regarding information contained in the DCR as a copy of the Draft DCR had been previously provided to all members of the CAC. Comments regarding issues relative to the DCR are incorporated in the Questions and Discussion section that follows.

**Noise Study Process & Results** – Bill Holliday presented background and process information relative the Noise Study conducted for the project. He again reviewed the approach for the Noise Study, which uses the FHWA Traffic Noise Model (2.5), and involves the creation and then the calibration of a noise model that is based on the existing roadway conditions and adjacent topography. The model then looks at the future roadway configuration and adjacent topography; and takes into account vehicle speeds, traffic volumes, vehicle mix, elevations, ground types, receiver elevations, weather conditions, and existing barriers. The model is built, verified, and then used as a predictor of future noise levels. These predicted future noise levels are then reviewed to determine if any criteria for additional investigation will be met. ADOT criteria that triggers further investigation include noise levels reaching 66 dBA or higher, or result in a 15 dBA increase between existing and future noise levels, which is the same as County's. Should either of these two situations occur, noise mitigation will be reviewed. The mitigation will need to be deemed reasonable and feasible for it to be further pursued. Bill identified that for the mitigation to meet the reasonable and feasible threshold, it will need to achieve at least a 5 dBA reduction at the noise sensitive receiver, the barrier must benefit two or more adjacent receivers, and the cost of the barrier must be \$49,000 or less per benefited receiver. Additionally, a majority of the property owners must approve the barrier and be less than 24 feet in height. It was also noted that the mitigation is only for the first floor.

Results of the Noise Study indicated a slight increase in traffic volume and corresponding slight increase in noise between existing and future (2040). Measurements were taken at roadside locations next to properties during peak traffic hours. The measurements were not taken at prediction locations. The highest predicted noise level was 64 dBA, which isn't high enough to consider mitigation. The presentation contained a graphic of where measurement and predictor points were along the roadway. Bill took questions throughout his presentation, with these listed in the Questions and Discussion section that follows.

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Tuesday, August 29, 2017

**Environmental Assessment & Mitigation Report** – The next portion of the meeting was led by Paul Bennett with the focus of the presentation on what will be contained in the EAMR. The information includes the identification of any impacts associated with the project on the local biology, drainage/floodplain, air quality, noise, hazardous materials, historic and cultural resources, visual resources, or neighborhoods. The project EAMR will include narrative addressing each of these in detail, and is to be provided to the Committee at their October meeting.

A copy of the meeting presentations and Noise Report have been posted on the project website <http://webcms.pima.gov/cms/One.aspx?portalId=169&pageId=255052>.

### **III. NEXT STEPS**

The next meeting will be scheduled for the later part of October to allow for a review and discussion of the EAMR.

### **IV. PROJECT SCHEDULE**

The project is still scheduled to have design completed late summer 2018, start construction spring 2019, and be completed summer 2020.

### **V. PUBLIC ART**

The Art Selection Committee has selected Robin Riley (Tucson) as the project artist. Her contract is currently being processed. She will be asked to attend the October CAC meeting and Public Open House in November.

### **VI. FUTURE MEETINGS**

A tentative schedule for upcoming meetings is listed below, based on discussions with the CAC and the timing of the development of various project materials.

**October 2017 – CAC & EAMR BACKGROUND**

**November/December 2017– CAC – FINALIZE EAMR - PUBLIC OPEN HOUSE**

**January 2018 – BOS MEETING – APPROVE EAMR**

### **VII. QUESTIONS & DISCUSSION DURING MEETING**

Questions that were asked during the meeting by CAC members and members of the at-large audience are summarized below.

#### **Questions/Discussion DCR**

Will LED lighting be reviewed for Dark Sky concerns?

*Yes and will also look at adding shielding as appropriate*

*Needed at fire station, Snyder and commercial area from Gate Ridge to Sunrise*

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How will the merge at Ventana Drive associated with the ending of bike lane ends and right turn be handled?

*Issue with slowing down to turn and lots of speeding traffic*

*High speeds at the merge are partially a result of older standards (much wider roadway)*

*6' bike lane will be continued entire corridor – at this location it may be protected or striped (design team is aware of this issue).*

*Also reviewing configuration of right turn lane at Ventana Drive*

Is there a need for a sidewalk/pathway on west side (Sabino Canyon to Snyder), as some residents don't want sidewalk as there is a concern it is more intrusive because the road is already moving over to the west side?

*Concern that there is no median refuge and cannot cross safely*

*Preference was that if there were to be a pedestrian pathway, a soft path (DG) would be more preferred than a sidewalk – CAC agreed this is what would be best*

Why isn't roadway centerline centered between R/W?

*The roadway footprint is constrained by the 90' R/W*

*The existing roadway is located within the east portion of the ROW*

*There are more impacts west of the roadway, including slopes and drainage issues*

#### Questions/Discussion Noise Report

Why are measurement values higher than prediction values?

*Measurements were taken at road, so more noise*

*Barriers also make a difference in the prediction*

*A doubling of the distance from the sound, results in a drop by 3 dBA*

Will rubberized asphalt be used?

*Will use terminal blend because it holds up better – some rubber, but less than rubberized*

*Some noise reduction, but no studies proving this – cannot be quantified*

*FHWA hasn't approved rubberized as a noise mitigation option*

Were noise measurements done by homes along the road?

*Measurements were taken along roadway to verify that the model is working*

*South of Snyder, east side – yes measurements were done by these homes*

Will the information be available on website?

*Meeting notes, slides and noise study will be available this week on website*

What is the basis of the noise thresholds?

*Federal (FHWA) guidance defines as approaching 67 dBA*

*ADOT and Pima County have adopted 66 dBA as approaching 67 dBA*

*Most recent ADOT noise abatement requirements: May 2017*

What is the status of the load restriction along Kolb Road?

*Removing the load restrictions will not be pursued*

Kolb Road: Sabino Canyon to Sunrise Drive Community Advisory Committee Meeting  
Tuesday, August 29, 2017

What was and the basis for the traffic counts and growth rate?

*Regional traffic model (Pima Association of Governments) growth rates:*

*Sabino Canyon to Snyder: 0.3%*

*Snyder to Sunrise: -0.3%*

*Traffic Report assumed 0.5% (conservative)*

*Traffic report is using traffic counts from October 2016 as the existing basis*

*Traffic counts will be taken again in October/November to verify the assumptions in the traffic report*

Why does it appear that the 2006 volumes in the traffic report, Figure 5 were higher than future numbers?

*Parallel road into area (Craycroft) had not been widened and improved*

*Recession also resulted in less traffic*

Where were measurements taken to verify model

*Measurements were taken along roadway to verify that the model is working and locations are shown in the noise study*

#### **General Discussion**

Utilities Relocations

*Southwest Gas may be upgrading their facilities along corridor prior to construction.*

*Tucson Water may upgrade some of their facilities as part of the project.*

*Design will stay away from CenturyLink facilities at the SW corner of Kolb/Snyder*

Hazardous materials (old tanks – none found) Asbestos/lead in striping - awaiting results

#### **Contact Information:**

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**Kolb Road:  
Sabino Canyon to Sunrise Drive  
Community Advisory Committee Meeting  
Wednesday, November 8, 2017**

**6:00 p.m. to 7:30 p.m.  
Meeting Minutes**

**I. INTRODUCTIONS**

Paul Bennett welcomed everyone to the meeting and introduced himself as the project manager from Pima County Transportation Department (PCDOT) for the Kolb Road project. Paul introduced the other staff from PCDOT including: Rick Ellis and Carol Brichta. Other introductions followed including project design consultants from PSOMAS: Kevin Thornton, Matt Ashby, along with Mike Dawson and Maria Altemus from EcoPlan. The members of the Community Advisory Committee (CAC) in attendance introduced themselves. A table of CAC members is below, with their contact information, area represented, other specific activities associated with the CAC, and their attendance.

Name	Email	Area Represented	Other	November 8, 2017
Pamela Schuster	<a href="mailto:psshuster7283@gmail.com">psshuster7283@gmail.com</a>	Quail Canyon	Art Committee	
Marjorie Blaine	<a href="mailto:spikeb62@msn.com">spikeb62@msn.com</a>	Ventana Overlook	Vice Chair	X
Thomas Helfrich	<a href="mailto:tjh1252@gmail.com">tjh1252@gmail.com</a>			
Ken Gerhart	<a href="mailto:Kgerhart5@q.com">Kgerhart5@q.com</a>	Summit Ridge		X
Thomas Trimmer	<a href="mailto:tdtrimmer@gmail.com">tdtrimmer@gmail.com</a>	Sunrise Presidio		
Gerald W. Meyer	<a href="mailto:gwmeyer1@comcast.net">gwmeyer1@comcast.net</a>	Villa At Sabino Canyon		
Mary Veres	<a href="mailto:mary@veresnet.org">mary@veresnet.org</a>	Quail Canyon	Chair	X
Jerry DeGrazia	<a href="mailto:jdegrazia@comcast.net">jdegrazia@comcast.net</a>	Kolb Road	Art Committee	
Michael Bowman	<a href="mailto:Mijabow@gmail.com">Mijabow@gmail.com</a>	Kolb Road		
Julie Arter	<a href="mailto:runnerjca@comcast.net">runnerjca@comcast.net</a>	Kolb Road	Art Committee	X
Diane Sayre	<a href="mailto:desayre@aol.com">desayre@aol.com</a>	Quail Canyon		X
Bill Yohey	<a href="mailto:Yohbi99@outlook.com">Yohbi99@outlook.com</a>	Pinnacle Canyon Condo		X
Brian Gross	<a href="mailto:Brianegross@earthlink.net">Brianegross@earthlink.net</a>	Canyon Wood Est.		X
David Burrows	<a href="mailto:DavidBurrows.L&amp;S@gmail.com">DavidBurrows.L&amp;S@gmail.com</a>	Kolb Road		X

## II. PROJECT STATUS & CAC INVOLVEMENT

Paul reviewed the topics to be discussed for the meeting, with the purpose to provide an update on the status of the project, a review and discussion of any comments on the material included in the *Draft* Environmental Assessment and Mitigation Report (EAMR), along with the role of the CAC regarding the EAMR. Paul also commented that updated traffic counts had been taken earlier in the week, and had values very similar to those measured in preparation of the project Traffic Report.

## III. *Draft* ENVIRONMENTAL ASSESSMENT & MITIGATION REPORT

The next portion of the meeting was led by Paul Bennett with the focus of the presentation on the specific contents of the *Draft* EAMR. Comments regarding issues/concerns brought up during the meeting are incorporated in the Questions and Discussion section that follows. Additionally, CAC members were asked to forward any other comments they may have regarding the document by November 20<sup>th</sup> such that they could be addressed and included in an updated EAMR.

A copy of the meeting presentations and *Draft* EAMR Report have been posted on the project website <http://webcms.pima.gov/cms/One.aspx?portalId=169&pageId=255052>.

The next meeting will be scheduled for December 12, 2017 5:30 p.m. to allow for a finalization of CAC letter associated with the EAMR. After the CAC meeting, a Public Open House (6:30 p.m. – 7:30 p.m.) will be held to provide the community with information regarding the project.

## IV. PROJECT SCHEDULE

The project is still scheduled to have design completed late summer 2018, start construction spring 2019, and be completed summer 2020.

## V. ART SELECTION/PRESENTATION

The Project Artist - Robin Riley (Tucson) was introduced to the CAC and provided several slides of some of her past work and asked for input/suggestions from the committee.

## VI. FUTURE MEETINGS

A schedule for upcoming meetings is listed below, based on discussions with the CAC.

**December 12, 2017 – CAC – FINALIZE EAMR - PUBLIC OPEN HOUSE**  
**January 2018 – BOS MEETING – APPROVE EAMR**

## VII. QUESTIONS & DISCUSSION DURING MEETING

Questions that were asked during the meeting by CAC members and members of the at-large audience are summarized below.

Kolb Road: Sabino Canyon to Sunrise Drive Community Advisory Committee Meeting  
Wednesday, November 8, 2017

How will pedestrians be able to travel along Kolb, north of Snyder?

*North of Snyder, the sidewalk will only be located on the east side of the roadway, which will require that they cross at the signal at Snyder.*

How will bicycles be able to use the roundabout at Territory?

*Bicycles will either be able to use the travel lane thru the roundabout, or use access ramp curb cut-outs to exit from and then back onto the paved shoulder, north and south of the roundabout.*

The Draft EAMR needs to clarify the number of drainage crossings.

*Document will be updated/clarified for these*

Additional information/descriptions regarding the USACOE 404 permit and Table 2 should be included in the Draft EAMR.

*Document will be updated/clarified for these. However, it should also be noted that the EAMR document is based on Pima County's process vs. the ADOT/FHWA process*

Is there an increase in the flow amounts that will be conveyed as part of the stormwater crossings?

*No. Stormwater flows should continue to be consistent with current flows.*

Can something be done relative to the debris running onto Kolb from the driveway of the fire station?

*The Design Team will need to investigate the issue.*

Will the CAC get to review landscape plans?

*The landscape plans will not be completed until after all roadway geometry and features (e.g. walls) are defined and designed. At that time the CAC will be provided with plans for comment.*

Will utilities be shut down as part of the project?

*Utilities will need to coordinate their respective work efforts with their customers based on the amount and timing of work to be performed within the corridor. Tucson Water relocations will be part of the roadway project, with prior notice of customers being incorporated into those efforts.*

Where will there be parking for construction vehicles?

*The County currently owns several homes along Kolb. There is also one vacant lot, which has been identified to be the "Contractors staging area" for the project.*

What happens to subdivision landscaping?

*Subdivision landscaping should be on private property, with the intent that the project would not disturb those areas. If there is landscaping located within the public right of way, further review and discussions will need to occur based on the design and the location/impact of the landscaping*

Was the Noise Report for the project immediately to the south of this project located?

*The Noise Report was not found.*

Kolb Road: Sabino Canyon to Sunrise Drive Community Advisory Committee Meeting  
Wednesday, November 8, 2017

What was the amount of the art budget?  
\$92,000

Has anyone counted the saguaros?

*A review of the native plants along the project has occurred. It appears that only a couple of Saguaro's may be impacted by the project. The County will look to salvage native plants within the corridor where feasible, and then replant them as part of the landscaping effort.*

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**Kolb Road:  
Sabino Canyon to Sunrise Drive  
Community Advisory Committee Meeting  
Tuesday, December 12, 2017**

**5:30 p.m. to 6:00 p.m.  
Meeting Minutes**

**I. INTRODUCTIONS**

Paul Bennett welcomed everyone to the meeting and introduced himself as the project manager from Pima County Transportation Department (PCDOT) for the Kolb Road project. Paul introduced the other staff from PCDOT including: Carol Brichta. Other introductions followed including project design consultants from PSOMAS: Alejandro Angel, Kevin Thornton, Matt Ashby, Elizabeth Barnes; along with Mike Dawson and Maria Altemus from EcoPlan; Scott Martinez with McGann, and the Project Artist Robin Riley. The members of the Community Advisory Committee (CAC) in attendance introduced themselves. A table of CAC members is below, with their contact information, area represented, other specific activities associated with the CAC, and their attendance.

<b>Name</b>	<b>Email</b>	<b>Area Represented</b>	<b>Other</b>	<b>December 12, 2017</b>
Pamela Schuster	<a href="mailto:psshuster7283@gmail.com">psshuster7283@gmail.com</a>	Quail Canyon	Art Committee	
Marjorie Blaine	<a href="mailto:spikeb62@msn.com">spikeb62@msn.com</a>	Ventana Overlook	Vice Chair	X
Thomas Helfrich	<a href="mailto:tjh1252@gmail.com">tjh1252@gmail.com</a>			X
Ken Gerhart	<a href="mailto:Kgerhart5@q.com">Kgerhart5@q.com</a>	Summit Ridge		
Thomas Trimmer	<a href="mailto:tdtrimmer@gmail.com">tdtrimmer@gmail.com</a>	Sunrise Presidio		
Gerald W. Meyer	<a href="mailto:gwmeyer1@comcast.net">gwmeyer1@comcast.net</a>	Villa At Sabino Canyon		
Mary Veres	<a href="mailto:mary@veresnet.org">mary@veresnet.org</a>	Quail Canyon	Chair	X
Jerry DeGrazia	<a href="mailto:jdegrazia@comcast.net">jdegrazia@comcast.net</a>	Kolb Road	Art Committee	X
Michael Bowman	<a href="mailto:Mijabow@gmail.com">Mijabow@gmail.com</a>	Kolb Road		
Julie Arter	<a href="mailto:runnerjca@comcast.net">runnerjca@comcast.net</a>	Kolb Road	Art Committee	X
Diane Sayre	<a href="mailto:desayre@aol.com">desayre@aol.com</a>	Quail Canyon		
Bill Yohey	<a href="mailto:Yohbi99@outlook.com">Yohbi99@outlook.com</a>	Pinnacle Canyon Condo		X
Brian Gross	<a href="mailto:Brianegross@earthlink.net">Brianegross@earthlink.net</a>	Canyon Wood Est.		X
David Burrows	<a href="mailto:DavidBurrows.L&amp;S@gmail.com">DavidBurrows.L&amp;S@gmail.com</a>	Kolb Road		X

## II. PROJECT STATUS & ENVIRONMENTAL ASSESSMENT & MITIGATION REPORT

Paul reviewed the current status of the project, and asked if there were any additional questions or clarifications needed relative to the *Draft* Environmental Assessment and Mitigation Report (EAMR). There was some general discussion regarding the updates that had been made to the EAMR and then the CAC Chair, Mary Veres circulated the CAC letter of support for signatures of those in attendance.

### **Contact Information:**

Paul Bennett, P.E., Project Manager  
Pima County Department of Transportation  
(520) 724-6408  
E-mail: [Paul.Bennett@pima.gov](mailto:Paul.Bennett@pima.gov)

Carol Brichta, Program Coordinator  
Pima County Department of Transportation  
(520) 724-6442  
E-mail: [Carol.Brichta@pima.gov](mailto:Carol.Brichta@pima.gov)



November 17, 2017

**SUBJECT: Open House notice for Kolb Road: Sabino Canyon Road to Sunrise Drive**

Dear Neighbor,

The Pima County Department of Transportation (PCDOT) would like to invite you to attend an open house meeting for:

**Kolb Road: Sabino Canyon Road to Sunrise Drive  
6:30 to 7:30 pm, Tuesday, December 12, 2017  
Ventana Vista Elementary School, 6085 N. Kolb Road**

This project will include the following improvements: Widening the existing roadway from two-lane to three-lane roadway with multi-use paved shoulders suitable for bicycle use, sidewalk/pathway, drainage and landscaping. The median treatment will be a two-way left turn lane.

Representatives from the project teams will be available to answer questions and address comments regarding these projects. Maps and project information will be on display.

For more information about the project, visit [www.roadprojects.pima.gov](http://www.roadprojects.pima.gov). Individuals with disabilities who require accommodations for effective participation and communication in the meeting may call Carol Brichta with PCDOT Community Relations at 520-724-6442 by Monday, December 4, 2017 to make appropriate arrangements. All meetings sites are accessible.

Para información en español, contacte a Annabelle Valenzuela al 520-724-6410.

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Ana M. Olivares, P.E., Director

201 N.Stone Avenue, 4th Floor, Tucson, Arizona 85701-1207 • Phone: 520-724-6410 • Fax: 520-724-6439



## **Kolb Road: Sabino Canyon Road to Sunrise Drive**

### **Overview:**

Pima County Department of Transportation will be making improvements to Kolb Road Sabino Canyon Road to Sunrise Drive in order to improve safety, reduce congestion, improve operations and increase mobility. This project is funded in part through the 1997 Bond Program.

### **Proposed Improvements consist of the following:**

- Widening the roadway from 2-lanes to 3-lanes
- Multi-use paved shoulders
- Sidewalks/Pathways
- Drainage improvements throughout the corridor
- Landscaping throughout the corridor utilizing native plants
- Public Art along the project corridor

### **Current Schedule:**

- Finalize Design - Fall 2018
  - Utility Relocations - 2018
  - ADOT/FHWA Approval - Late 2018
  - Construction Advertisement/Award\* - Spring 2019
  - Construction Timeline: Spring 2019 - Summer 2020
- \*Pending Utility Relocation Efforts

### **Contact Information:**

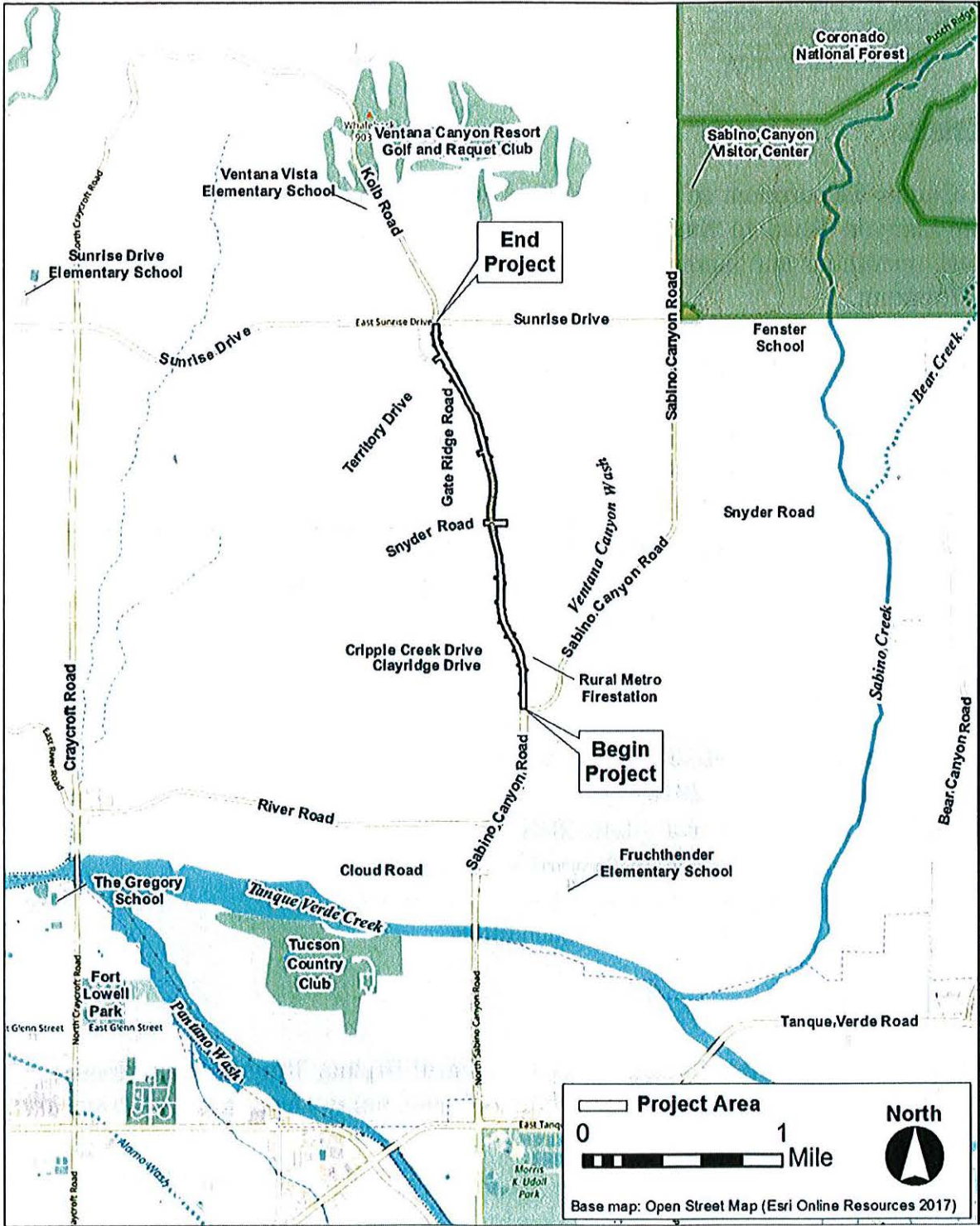
Paul Bennett, P.E., Project Manager  
Pima County Department of Transportation  
(520) 724-6410  
E-mail: [Paul.Bennett@pima.gov](mailto:Paul.Bennett@pima.gov)

Carol Brichta, Program Coordinator  
Pima County Department of Transportation  
(520) 724-6410  
Email: [Carol.Brichta@pima.gov](mailto:Carol.Brichta@pima.gov)

For more information on the project, please visit [www.pima.gov/transportation](http://www.pima.gov/transportation)

**P S O M A S**





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**PIMA COUNTY**  
TRANSPORTATION

**We would like to hear your comments and concerns regarding the Kolb Road: Sabino Canyon Road to Sunrise Drive Improvements Project.**

**Please provide any general comments you have about the project:**

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**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**Address:** \_\_\_\_\_  
**City:** \_\_\_\_\_ **State:** \_\_\_\_\_ **Zip:** \_\_\_\_\_  
**E-mail:** \_\_\_\_\_ **Telephone:** \_\_\_\_\_

Please return by Friday, December 22, 2017 to Carol Brichta, Pima County Department of Transportation  
201 N. Stone 4<sup>th</sup> floor, Tucson, Arizona 85701 or fax to (520) 724-6439 or email to  
[Carol.Brichta@pima.gov](mailto:Carol.Brichta@pima.gov). Website is [www.roadprojects@pima.gov](http://www.roadprojects@pima.gov)



**Kolb Road:  
Sabino Canyon to Sunrise Drive  
Public Open House  
Tuesday, December 12, 2017  
6:30 p.m. to 7:30 p.m.  
Meeting Summary**

**I. INTRODUCTIONS**

Paul Bennett welcomed everyone to the meeting and introduced himself as the project manager from Pima County Transportation Department (PCDOT) for the Kolb Road project. Paul introduced the members of the CAC in attendance (a table of CAC members is below, with their contact information, area represented, other specific activities associated with the CAC), and staff from PCDOT including: Carol Brichta. Other introductions followed including project design consultants from PSOMAS: Alejandro Angel, Kevin Thornton, Matt Ashby, Elizabeth Barnes; along with Mike Dawson and Maria Altemus from EcoPlan; Scott Martinez with McGann, and the Project Artist Robin Riley. The members of the Community Advisory Committee (CAC) in attendance introduced themselves.

Name	Email	Area Represented	Other	December 12, 2017
Pamela Schuster	<a href="mailto:psshuster7283@gmail.com">psshuster7283@gmail.com</a>	Quail Canyon	Art Committee	
Marjorie Blaine	<a href="mailto:spikeb62@msn.com">spikeb62@msn.com</a>	Ventana Overlook	Vice Chair	X
Thomas Helfrich	<a href="mailto:tjh1252@gmail.com">tjh1252@gmail.com</a>			X
Ken Gerhart	<a href="mailto:Kgerhart5@q.com">Kgerhart5@q.com</a>	Summit Ridge		
Thomas Trimmer	<a href="mailto:tdtrimmer@gmail.com">tdtrimmer@gmail.com</a>	Sunrise Presidio		
Gerald W. Meyer	<a href="mailto:gwmeyer1@comcast.net">gwmeyer1@comcast.net</a>	Villa At Sabino Canyon		
Mary Veres	<a href="mailto:mary@veresnet.org">mary@veresnet.org</a>	Quail Canyon	Chair	X
Jerry DeGrazia	<a href="mailto:jdegrazia@comcast.net">jdegrazia@comcast.net</a>	Kolb Road	Art Committee	X
Michael Bowman	<a href="mailto:Mijabow@gmail.com">Mijabow@gmail.com</a>	Kolb Road		
Julie Arter	<a href="mailto:runnerica@comcast.net">runnerica@comcast.net</a>	Kolb Road	Art Committee	X
Diane Sayre	<a href="mailto:desayre@aol.com">desayre@aol.com</a>	Quail Canyon		
Bill Yohey	<a href="mailto:Yohbi99@outlook.com">Yohbi99@outlook.com</a>	Pinnacle Canyon Condo		X
Brian Gross	<a href="mailto:Brianegross@earthlink.net">Brianegross@earthlink.net</a>	Canyon Wood Est.		X
David Burrows	<a href="mailto:DavidBurrows.L&amp;S@gmail.com">DavidBurrows.L&amp;S@gmail.com</a>	Kolb Road		X

Kolb Road: Sabino Canyon to Sunrise Drive - Public Open House Meeting  
Tuesday, December 12, 2017

Paul reviewed the topics to be discussed for the meeting, with the purpose to provide an the public with a general update of the project: including location, overall scope, typical roadway cross sections, configuration of the Territory and Kolb Road intersection (including review of crash data), project schedule, the location of project documents (County website), and answer general questions prior to transitioning to an Open House format where the public could review project plans and ask more specific questions of the various project team members in attendance. Alejandro Angel with PSOMAS reviewed the concerns and crash history of the corridor and the issues associated with the commercial area at the north end of the project. Robin Riley, the project artist provided some concept ideas to the community and asked for comments.

General questions that were raised beyond the information presented included the status of noise walls for the project, which was reviewed and communicated that they were not warranted to be installed (not sufficient traffic flow to trigger barrier walls), and a question regarding the traffic flow thru the commercial shopping area, which will be impacted by the roundabout installation at Territory and Kolb Road (which was driven by the crash history along Kolb Road between Territory and Sunrise Drive).

**Contact Information:**

Paul Bennett, P.E., Project Manager  
Pima County Department of Transportation  
(520) 724-6408  
E-mail: [Paul.Bennett@pima.gov](mailto:Paul.Bennett@pima.gov)

Carol Brichta, Program Coordinator  
Pima County Department of Transportation  
(520) 724-6442  
E-mail: [Carol.Brichta@pima.gov](mailto:Carol.Brichta@pima.gov)

NOTICE OF PUBLIC HEARING  
THE PIMA COUNTY DEPARTMENT OF TRANSPORTATION  
KOLB ROAD IMPROVEMENTS

NOTICE IS HEREBY GIVEN that the Pima County Board of Supervisors will hold a public hearing on January 16, 2018 in the Board of Supervisors Hearing Room, Administration Building, 130 West Congress Street, Tucson, Arizona, AT OR AFTER 9:00 A.M. to consider for approval the Environmental Assessment and Mitigation Report (EAMR) for Bond Project (DOT-32) Kolb Road Improvement Project. The project involves the widening of Kolb Road, from Sabino Canyon Road to Sunrise Drive, to three travel lanes and a multi-use paved shoulders suitable for bicycle use, pathways/sidewalks, drainage, and landscaping. The median treatment will be a two-way left turn lane. A copy of the Environmental Assessment and Mitigation Report is available for viewing at the Tucson-Pima Main Library at 101 N. Stone Avenue and the Dusenberry-River Library at 5605 E. River Road or on the project website at [www.roadprojects.pima.gov](http://www.roadprojects.pima.gov). If you have any questions about this public hearing, please contact the Department of Transportation at 724-6410.

Individuals with disabilities who require accommodations, including auxiliary aids or services, for effective participation and communication in the meeting, may call the Department of Transportation in Tucson at (520)-724-6410, ten working days in advance of the meeting to make appropriate arrangements. All meeting sites are accessible.

December 12, 2017

Paul Bennett, P.E., Project Manager  
Pima County Department of Transportation  
201 N. Stone Avenue, 4<sup>th</sup> Floor  
Tucson, Arizona 85701

RE: Kolb Road Environmental Assessment and Mitigation Report (EAMR)

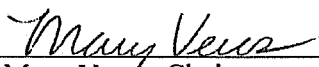
Dear Mr. Bennett,

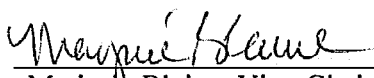
The members of the Citizens Advisory Committee (CAC) for the Kolb Road – Sabino Canyon to Sunrise Drive Project have reviewed the Draft Environmental Assessment and Mitigation Report as presented by PSOMAS. The Draft EAMR, dated October 20, 2017, was presented to the Committee on October 17, 2017 and again on November 8, 2017. Revision requests were brought forth by the CAC and sufficiently reflected in an updated Draft EAMR presented December 12, 2017.

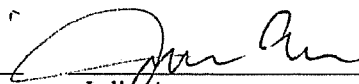
In general, the CAC accepts the findings and looks forward to the construction of the roadway improvements as presented. The Committee also believes that the project will be of benefit to the area and will significantly improve automobile, pedestrian and bicycle safety, and improve the drainage issues and overall quality of life.

The CAC thanks the Project Team for their work and for the opportunity to participate and comment.

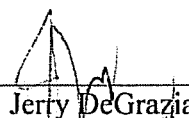
Respectfully submitted,

  
Mary Veres, Chairperson

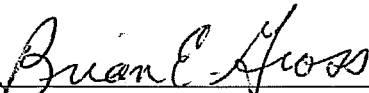
  
Marjorie Blaine, Vice-Chair

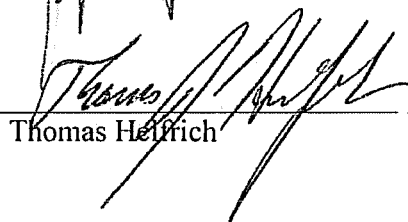
  
Julie Arter

Michael Bowman

  
Jerry DeGrazia

Ken Gerhart

  
Brian Gross

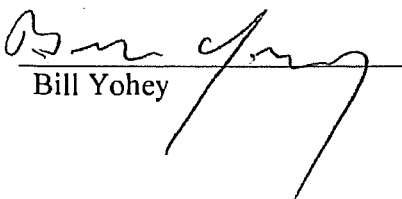
  
Thomas Helfrich

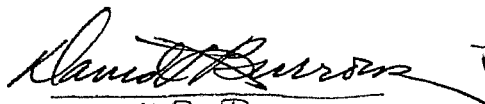
Gerald W. Meyer

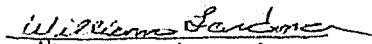
Diane Sayre

Pamela Schuster

Thomas Trimmer

  
Bill Yohey

  
David R. Burrows

  
William Lardner

## Why does ADOT protect tortoises?

ADOT, along with the Arizona Game and Fish Department (AGFD) and several federal agencies, are signatory members of a Candidate Conservation Agreement (CCA) for the Sonoran Desert Tortoise (SDT). The CCA was developed to help preclude the listing of SDT under the Endangered Species Act. It is a cooperative effort to provide effective conservation for the SDT in Arizona. Under the agreement, ADOT has committed to enact avoidance, minimization, and mitigation measures for projects occurring within and adjacent to suitable habitat for SDT. This includes surveying proactively for tortoise habitat ahead of projects, collecting information on sightings, and training staff and contractors on methods to protect the tortoise during construction and maintenance work.

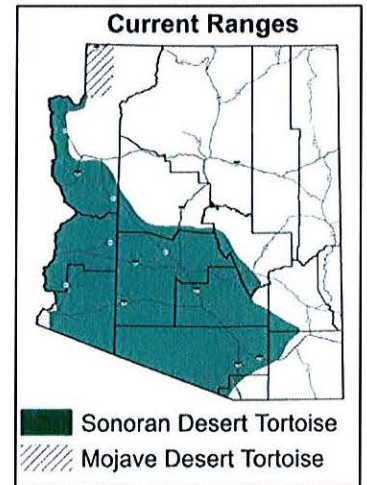


## Legal Status

The SDT is protected under a CCA as described above. At the state level, wildlife are protected from collection and sale under Title 17 (ARS 17-309). AGFD classifies the SDT as a Tier 1A Species of Greatest Conservation Need and SDT are specifically restricted from collection under the AGFD Commission Rule R12-4-406.

## Where are they found?

Two separate and distinct populations of desert tortoise occur in Arizona. The Mojave Desert Tortoise occurs west and north of the Colorado River within open, flat expanses of desert. The Sonoran Desert Tortoise occurs primarily in rocky and boulder strewn mountains and hills east of the Colorado River throughout western and central Arizona.



**This handout applies ONLY to the Sonoran Desert Tortoise. Separate guidelines/measures are required for the Mojave Desert Tortoise due to its listing as Threatened under the Endangered Species Act.**



## THE GOAL IS TO AVOID NEGATIVE ENCOUNTERS!

### How?

1. ALWAYS check under your vehicle and construction equipment **before** operating.
2. Drive slowly, especially on unpaved roads or off-road.
3. Cover any holes/pits/trenches at the end of each construction day.

### If you encounter a tortoise:

1. Stop work immediately and turn off all equipment.
2. Notify your superintendent and the Resident Engineer.
3. Is the tortoise in imminent danger?
  - **No:** Stay back at least 10 feet from the animal. Allow the animal to leave. PLEASE BE PATIENT!
    - If the animal is located within your work area and is not leaving in a timely manner, then move your operation to a different location at least 1,000 feet away.
  - **Yes:** Move it out the way by following the attached AGFD "Guidelines for Handling Sonoran Desert Tortoises Encountered on Development Projects" dated September 22, 2014.
    - Tortoises should be moved less than 48 hours in advance of the habitat disturbance so they do not return to the area in the interim.
    - Tortoises should be moved quickly, kept in an upright position parallel to the ground at all times, and placed in the shade.
    - Separate disposable gloves should be worn for each tortoise handled to avoid potential transfer of disease between tortoises.
    - Tortoises must not be moved if the ambient air temperature exceeds 40°C (105°F) unless an alternate burrow is available or the tortoise is in imminent danger.
    - A tortoise may be moved up to one-half mile, but no further than necessary from its original location.



**---If you don't know or are unsure of what to do, ASK!---**

4. Fill out the attached ADOT Sonoran Desert Tortoise Observation Form and submit to the ADOT Biology Team ([bioteam@azdot.gov](mailto:bioteam@azdot.gov)) within 24 hours of any encounter. Photograph the animal if possible.

If you encounter a **sick, dying, injured, or dead tortoise** or if the ambient air temperature exceeds 105° F, please contact Joshua Fife (602.622.9622) immediately with the location of the animal. These animals will be collected either by trained ADOT personnel or by AGFD.

If you observe poaching, collecting, selling, or any other illegal activities, contact AGFD's OPERATION GAME THIEF at **1-800-352-0700**, 24 hours a day or on the internet at <http://www.azgfd.gov/ogt.shtml>

Additional information for SDT life history and habitat requirements is available at:  
Arizona Game and Fish Department:  
<https://www.azgfd.com/wildlife/nongamemanagement/tortoise/>  
US Fish and Wildlife Service:  
[https://www.fws.gov/southwest/es/arizona/Sonoran\\_Tort.htm](https://www.fws.gov/southwest/es/arizona/Sonoran_Tort.htm)





GUIDELINES FOR HANDLING SONORAN DESERT TORTOISES  
ENCOUNTERED ON DEVELOPMENT PROJECTS

Arizona Game and Fish Department  
Revised September 22, 2014

The Arizona Game and Fish Department (Department) has developed the following guidelines to reduce potential impacts to desert tortoises, and to promote the continued existence of tortoises throughout the state. These guidelines apply to short-term and/or small-scale projects, depending on the number of affected tortoises and specific type of project.

The Sonoran desert tortoise occurs south and east of the Colorado River. Tortoises encountered in the open should be moved out of harm's way to adjacent appropriate habitat. If an occupied burrow is determined to be in jeopardy of destruction, the tortoise should be relocated to the nearest appropriate alternate burrow or other appropriate shelter, as determined by a qualified biologist. Tortoises should be moved less than 48 hours in advance of the habitat disturbance so they do not return to the area in the interim. Tortoises should be moved quickly, kept in an upright position parallel to the ground at all times, and placed in the shade. Separate disposable gloves should be worn for each tortoise handled to avoid potential transfer of disease between tortoises. Tortoises must not be moved if the ambient air temperature exceeds 40°Celsius (105°Fahrenheit) unless an alternate burrow is available or the tortoise is in imminent danger.

A tortoise may be moved up to one-half mile, but no further than necessary from its original location. If a release site or alternate burrow is unavailable within this distance, and ambient air temperature exceeds 40°Celsius (105°Fahrenheit), contact the Department for guidance. Tortoises salvaged from projects which result in substantial permanent habitat loss (e.g. housing and highway projects), or those requiring removal during long-term (longer than one week) construction projects, may be placed in the Department's tortoise adoption program. *Managers of projects likely to affect desert tortoises should obtain a scientific collecting license from the Department to facilitate handling or temporary possession of tortoises.* Likewise, if large numbers of tortoises (>5) are expected to be displaced by a project, the project manager should contact the Department for guidance and/or assistance.

Please keep in mind the following points:

- Use the Department's Environmental On-Line Review Tool Department during the planning stages of any project that may affect desert tortoise habitat.
- Unless specifically authorized by the Department, or as noted above, project personnel should avoid disturbing any tortoise.
- Take is prohibited by state law.
- These guidelines do not apply to Mojave desert tortoises (north and west of the Colorado River). Mojave desert tortoises are listed as threatened under the Endangered Species Act, administered by the U.S. Fish and Wildlife Service.
- These guidelines are subject to revision at the discretion of the Department.



Date of Observation

Time

Observed By

Location- Route

Location- Milepost

ADOT District

Description of Encounter

Photo(s)

GPS (if available)

Email completed form to:  
ADOT Biology Team  
bioteam@azdot.gov