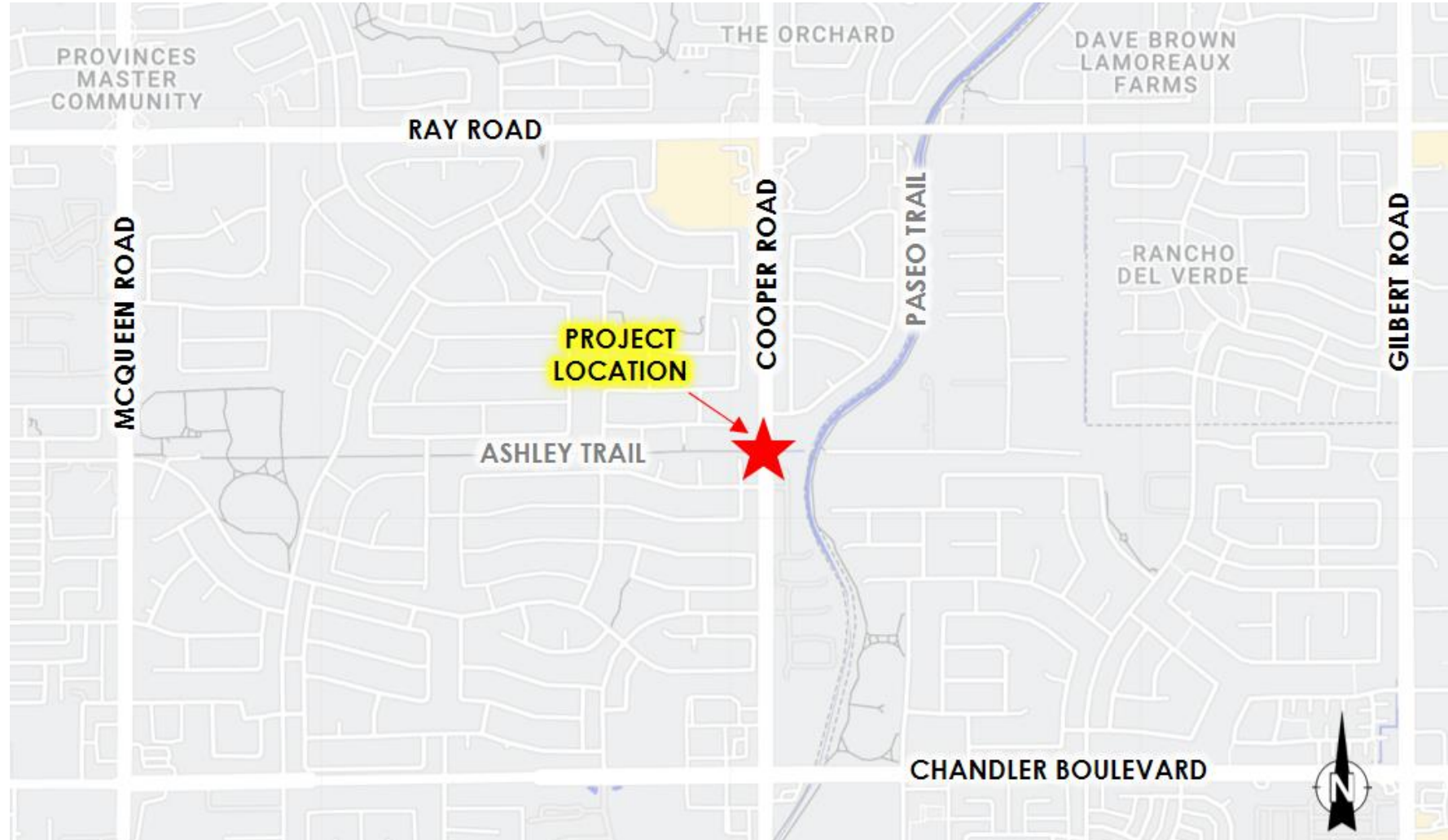


Ashley and Paseo Trail Connection



Project Location

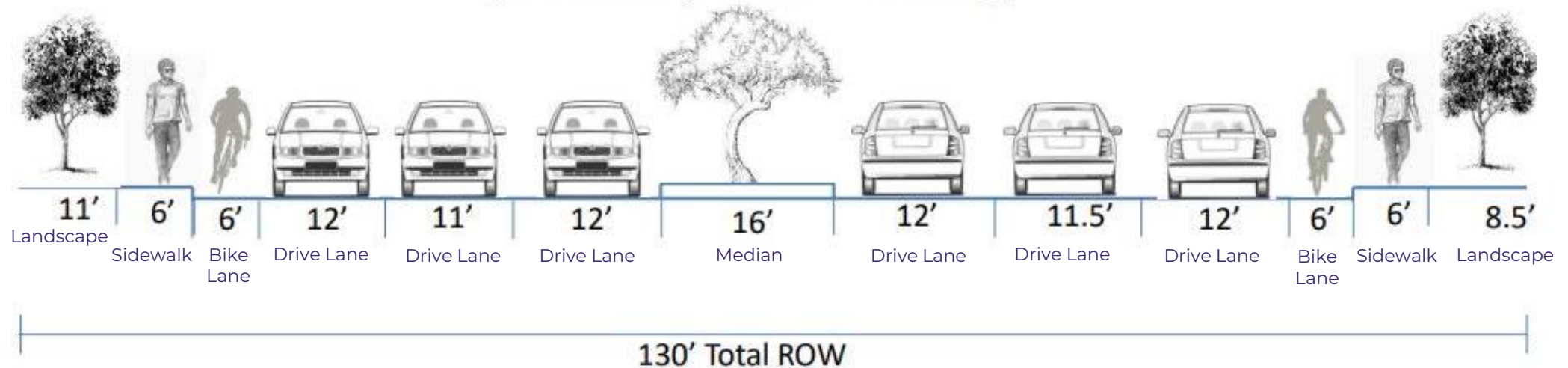


Existing Conditions



Cooper Road Lane Configuration at Ashley Trail Crossing

Cooper Rd. Cross Section (At Ashley Trail Crossing)



Notes: ROW widths and lane widths vary throughout the project area. Bike lane widths include gutter.

West of Cooper Rd
SRP ROW
62 feet from centerline

East of Cooper Rd
Westbank HOA ROW
62 feet from centerline

Existing Conditions



Ashley Trail is proposed to have a signalized crossing of Cooper Road and then **connect to Paseo Trail with a 10-foot-wide concrete multi-use path.**

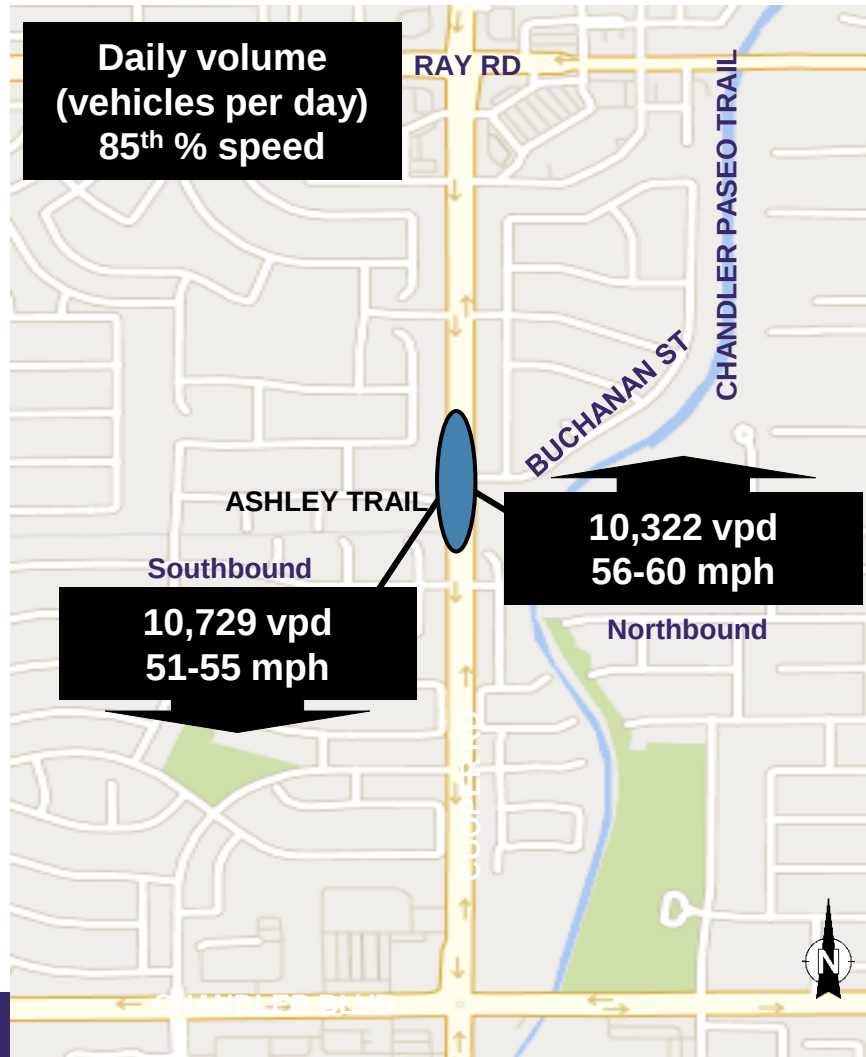
Open channel to remain.

Traffic Data

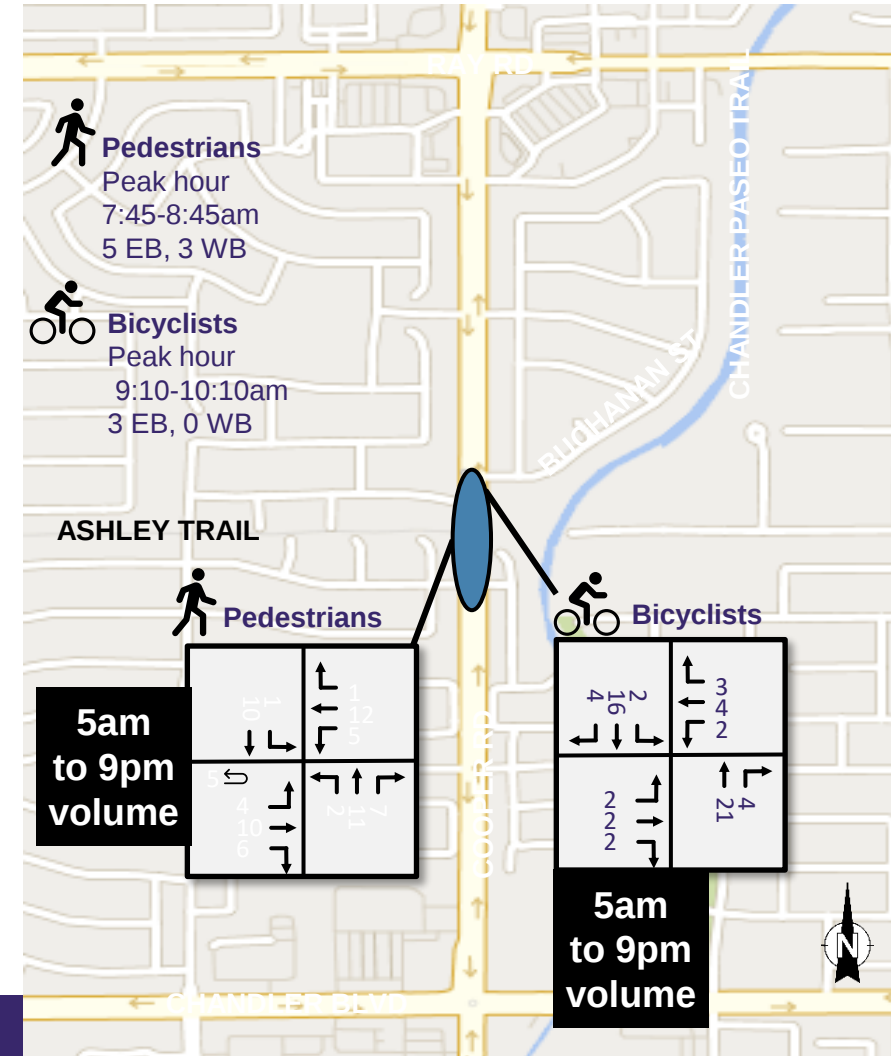
Motor Vehicles

85th % (percentile) speed:
85% of vehicles in that direction were at the speed category indicated, or slower.

Note: No crashes were reported within 150 feet of the Ashley Trail crossing on Cooper Road from 2016 to 2020.



Pedestrians and Bicyclists



Proposed Improvements



Reasoning for Improvements

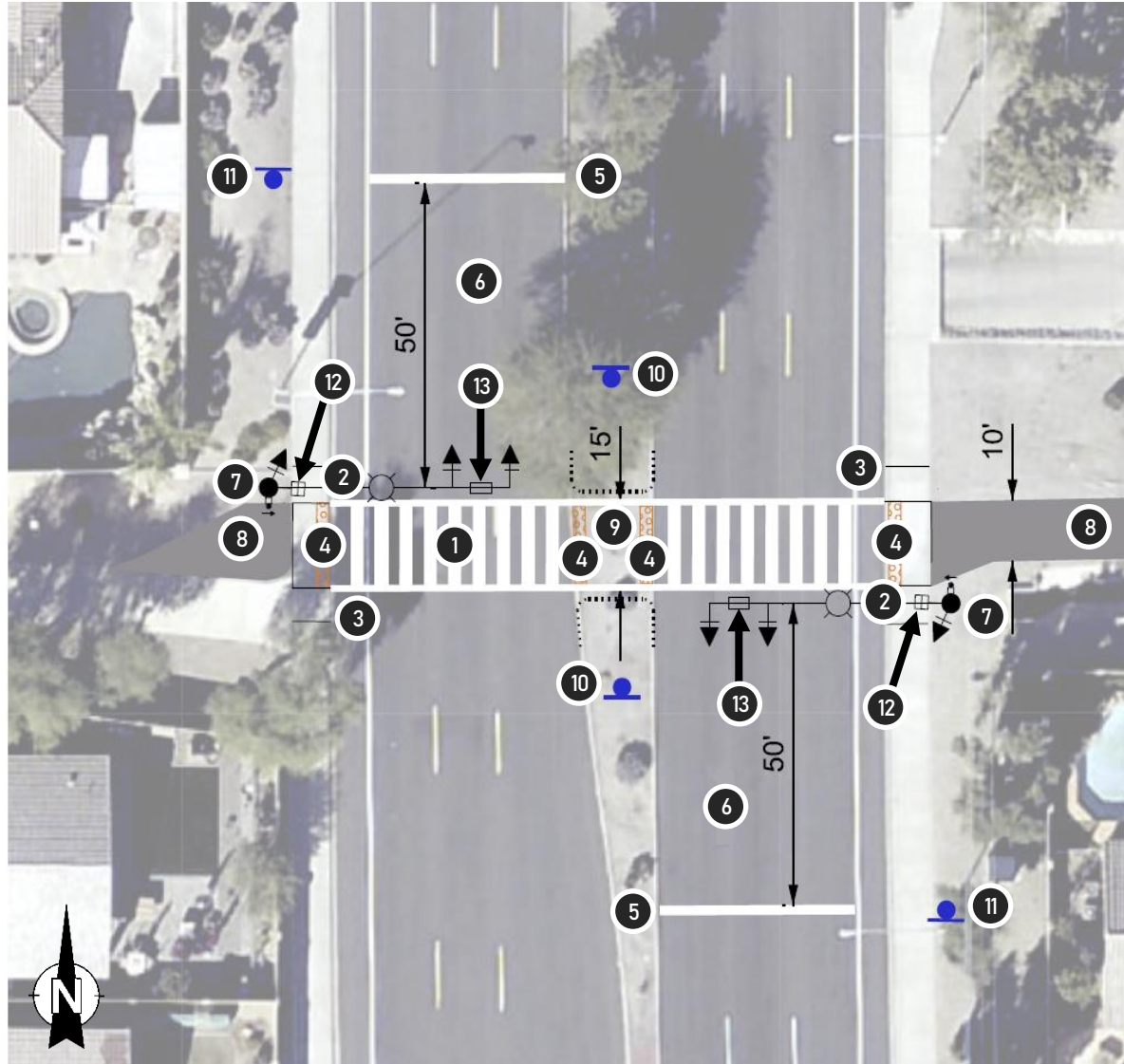
Signalized Pedestrian Crossing

- High Speeds on Cooper
- Multi-Lane Crossing
- ½ Mile to Nearest Signal (1-mile total detour)
- Enhances Connection to Paseo Trail



Proposed Crossing Improvements – Cooper Road and Ashley Trail

Pedestrian Hybrid Beacon



1 Install high-visibility crosswalk

2 Install pedestrian hybrid beacon with luminaires

3 Install ADA curb ramps

4 Install truncated dome tactile strips

5 Install stop bars

6 Remove existing lane lines between the stop lines and crosswalk

7 Install pedestrian push button

8 Install new sidewalk and connect to existing sidewalk

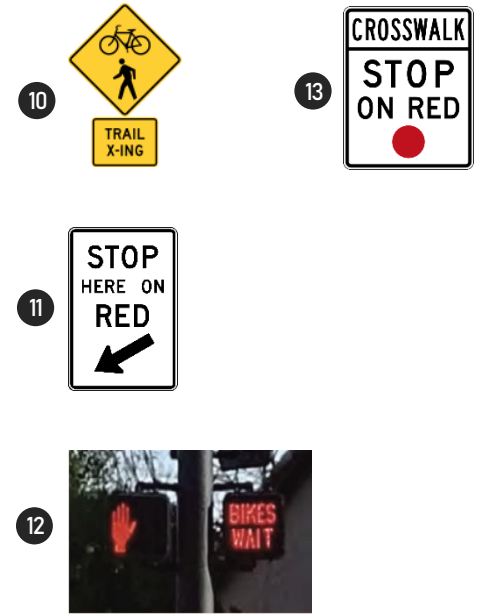
9 Remove existing median

10 Install bicycle and pedestrian trail crossing sign (W11-15P)

11 Install sign "STOP HERE ON RED" (R10-6)

12 Install pedestrian and bicyclist sign indications (BIKE WAIT)

13 Install sign "CROSSWALK, STOP ON RED" (R10-23AZ)



Initial Outreach



August 2022

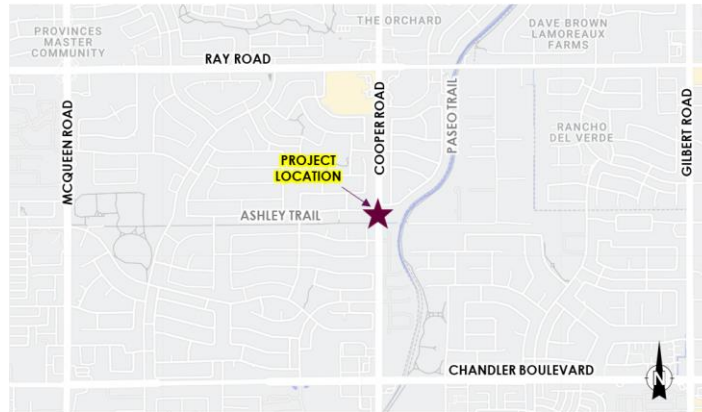
Ashley Trail/Paseo Trail Connection City of Chandler, Arizona

PROJECT SUMMARY:

The City of Chandler, in partnership with the Maricopa Association of Governments, is working on creating safer trail connections across major roads in the city. The purpose is to increase the safety of pedestrians, bicyclists, as well as drivers.

The Ashley Trail crossing on Cooper Road was identified as a near-term bicycle and pedestrian need in the Chandler Transportation Master Plan 2019 Update. The project will include extending the Ashley Trail eastward to connect with the Chandler Paseo Trail and installing a Pedestrian Hybrid Beacon (PHB) on Cooper Road. The PHB will allow pedestrians to cross Cooper Road safely and access the extended Ashley Trail on the east side of the roadway.

PROJECT LOCATION:



SCHEDULE:

The project is currently in the preliminary design phase, and it is expected to be constructed in the year 2025.

- Design is scheduled to begin in 2023.
- Construction is scheduled to begin in 2025.

CONTACT INFORMATION:

If you have any questions or concerns regarding this project, please contact Transportation Planning Department of the City of Chandler at Jason.Crampton@ChandlerAZ.gov or 480-782-3402.



Ashley Trail/ Paseo Trail Connection

City of Chandler, Arizona



How to use a Pedestrian Hybrid Beacon

Educational graphic source: City of Phoenix Streets Transportation Department

PEDESTRIANS		DRIVERS	
SEE THIS	DO THIS	SEE THIS	DO THIS
	PUSH THE BUTTON		DRIVE Always look for people who plan to cross.
	STOP & WAIT for the WALK signal.		SLOW DOWN A person has activated the push button.
	START CROSSING Always watch for cars.		PREPARE TO STOP
	FINISH CROSSING		STOP for pedestrians. (Go with any school bus means STOP)
			STOP FIRST Proceed with caution if no people are present.



A meeting was held with the Westbank HOA.

A two-page project information sheet and letter was sent to the homes south of the canal.

Initial Outreach

Ashley Trail Study



CHANDLER
arizona
Community of Innovation

Study Info

The City of Chandler is working on creating safer trail connections across major roads in the city. The purpose is to increase the safety of pedestrians, bicyclists, as well as drivers. The Ashley Trail crossing on Cooper Road was identified as a near-term bicycle and pedestrian need in the Chandler Transportation Master Plan 2019 Update. The project will include extending the Ashley Trail eastward to connect with the Chandler Paseo Trail and installing a signalized crossing on Cooper Road. This signal will allow pedestrians and cyclists to cross Cooper Road safely and access the extended Ashley Trail on the east side of the roadway.



Figure 1: Proposed Trail Extension Location



Figure 2: Area proposed for trail extension



Figure 3: Example of the proposed signalized crossing type

Need more information or want to provide your input on the project? Please contact Hezequias Rocha at hezequias.rocha@chandleraz.gov

The study is funded by the Maricopa Association of Governments Design Assistance Program with Y&K Engineering serving as the study consultant.



- Family Bike Ride Booth
- Mailers
- Social Media

 21
ENGINEERING, LLC.

Cost Estimate and Funding

60% Design Phase Cost Estimate: \$700,000

Estimate includes cost for:

- Construction
- Traffic Signal Improvements
- Contingency
- Construction Management
- Traffic Control

CIP Construction Budget: \$817,000

Project Schedule

Study:	2022
Design Start:	Early 2023
Design Completion:	Late 2024
Construction Start Date:	Est. Early/ Mid 2025
Construction Completion:	Est. Late 2025



Questions/ Comments?