

Transportation Commission Regular Meeting

September 21, 2022 | 4 p.m.

Chandler City Hall
4th Floor, Large Conference Room
175 South Arizona Ave, Chandler AZ



Commission Members

Dan Henderson - Chair
John Repar - Vice Chair
Dean Brennan
Sam Enoch
Ron Hardin
David Heineking
Donald Smith

Pursuant to Resolution No. 4464 of the City of Chandler and to A.R.S. § 38-431.02, notice is hereby given to the members of the Transportation Commission and to the general public that the Transportation Commission will hold a REGULAR MEETING open to the public on Wednesday, September 21, 2022, at 4:00 p.m., at Chandler City Hall, 4th Floor Large Conference Room, 175 South Arizona Ave, Chandler, AZ.

Persons with disabilities may request a reasonable modification or communication aids and services by contacting the City Clerk's office at (480) 782-2181(711 via AZRS). Please make requests in advance as it affords the City time to accommodate the request.

Agendas are available in the Office of the City Clerk, 175 S. Arizona Avenue.

Transportation Commission

Regular Meeting Agenda - September 21, 2022

Call to Order/Roll Call

Scheduled/Unscheduled Public Appearances

Members of the audience may address any item not on the agenda. State Statute prohibits the Board or Commission from discussing an item that is not on the agenda, but the Board or Commission does listen to your concerns and has staff follow up on any questions you raise.

Consent Agenda

Items listed on the Consent Agenda may be enacted by one motion and one vote. If a discussion is required by members of the Board or Commission, the item will be removed from the Consent Agenda for discussion and determination will be made if the item will be considered separately.

1. **May 18, 2022 Transportation Commission Minutes**

Move Transportation Commission approve the Transportation Commission meeting minutes of the regular meeting of May 18, 2022.

Action Agenda

2. **Intergovernmental Agreement between the Maricopa Association of Governments (MAG) and the City of Chandler for the Chandler Protected Bike Lanes Study.**

Move that the Transportation Commission recommend approval of the Intergovernmental Agreement with the Maricopa Association of Governments (MAG) and the City of Chandler for the Chandler protected bike lanes feasibility study, with a local match not to exceed \$4,560.

Discussion

3. **Ashley and Paseo Trails Connection Study**

Ashley and Paseo Trails Connection Study presented by Jason Crampton, Transportation Planning Manager.

4. **Downtown Pedestrian Projects Update**

Downtown Pedestrian Project Update presented by John Owens, Downtown Redevelopment Specialist.

5. **Transportation Projects Update**

Transportation Projects Update presented by Jason Crampton, Transportation Planning Manager and Sasha Pachito, Transportation Planning Coordinator.

Member Comments/Announcements

Calendar

The next scheduled meeting will be held on Wednesday, November 16, 2022.

Adjourn



**Transportation Commission Government Relations & Transportation
Policy Memo No.**

Date: 09/21/2022
To: Transportation Commission
From: Nancy Jackson, Transportation Planning Coordinator
Subject: May 18, 2022 Transportation Commission Minutes

Proposed Motion:

Move Transportation Commission approve the Transportation Commission meeting minutes of the regular meeting of May 18, 2022.

Attachments

Transportation Commission Minutes 5.18.2022

MINUTES OF THE TRANSPORTATION COMMISSION MEETING
City of Chandler, Webex Meeting +1-415-655-0111 Access Code: 2591 910 1180

Wednesday, May 18, 2022 at 4:00 p.m.

1. CALL TO ORDER / ROLL CALL

Commissioner Hardin called the meeting to order at approximately 4:05 p.m.

Members in Attendance:

Chair Dan Henderson

Commissioner Dean Brennan

Commissioner Sam Enoch

Commissioner David Heineking

Commissioner Ron Hardin

Commissioner Donald Smith

Members Absent:

Vice Chair John Repar

Staff Members Present:

Ryan Peters, Strategic Initiatives Director

Kevin Lair, Transportation Manager

Jason Crampton, Transportation Planning Manager

Sasha Pachito, Transportation Planning Coordinator

Nancy Jackson, Recording Secretary/Transportation Planning Coordinator

Others Present

None

2. SCHEDULED/UNSCHEDULED PUBLIC APPEARANCES

None.

3. CONSENT AGENDA

Approval of the Minutes of the Transportation Commission Regular Meeting of January 19, 2022.

Commissioner Hardin requested a motion for approval of the minutes for the January 19, 2022, Transportation Commission meeting. **Commissioner Brennan** requested the following changes to the minutes: Include Kimberly Moon, Capital Projects Manager, to the list of attendees on the Lyndsey Road Minutes; clarify that there will be no additional public meetings for the Lyndsey Road project; and a clarify on the January 19, 2022, minutes where the Title VI discrimination language is posted. **Commissioner Heineking** made the motion to approve the minutes of the January 19, 2022, with the above changes. **Chair Henderson** seconded the motion.

The minutes were approved with the modifications, 6-0 by **all Commission** members present.

4. ACTION AGENDA

Election of Officers

Commissioner Hardin made the motion to nominate **Chair Dan Henderson** as the Chair for the next season. **Commissioner Smith** seconded the motion.

Motion passed 6-0 by **all Commission** members present.

Commissioner Smith made the motion to nominate **Vice Chair Repar** as the Vice Chair for the next season. **Commissioner Enoch** seconded the motion.

Motion passed 6-0 by **all Commission** members present.

5. BRIEFING

Kyrene Branch and Highline Canal Shared Use Path Study Update

Ms. Sasha Pachito, Transportation Planning Coordinator, presented an update of the Kyrene Branch and Highline Canal Shared Use Path Study. Ms. Pachito shared that Kimley-Horn is providing the study. The Kyrene Branch project will include a 1-mile extension of the Regional Path, a 10-foot wide shared-use path, lighting, and two new crossings at Knox Road and Ray Road. The Highline project will include a 0.25-mile extension of the Regional Path, a 10-foot wide shared-use path, lighting, landscaping, and new bike lanes. Ms. Pachito indicated that the study should be finalized in the Summer of 2022. The federally funded design will be done in 2022-2023 and the federally funded construction in 2024-2025.

Commissioner Brennan asked if the consulting firm worked for the City of Chandler and the City of Tempe? Ms. Pachito replied that the consultant, Kimley-Horn is working for the City of Chandler.

Commissioner Brennan asked if there were any public meetings. Ms. Pachito replied that the consultant did reach out to the stakeholders for comments as well as established a public hotline. Commissioner Brennan asked if the project hotline had a notification list for public meetings? Ms. Pachito replied there was not a notification list for public meetings, but the hotline is a place to provide feedback. Mr. Crampton replied that there were not any public meetings yet but may be held in the future.

Commissioner Brennan asked if once the study was complete if it would be brought back to the **Commission** for a recommendation. Mr. Crampton replied that formal action would not be required of the **Commission** but can be reviewed at an upcoming meeting. Commissioner Brennan asked from the standpoint of design elements, is this is establishing the basic guideline for design of streets or are landscaping details included? Ms. Pachito replied that landscaping details would be included. Mr. Crampton noted that this study provided 15% design plan, a very high level. Future designs will provide more details.

Bus Routes 96 (Dobson Rd.), 156 (Chandler Blvd.) and Express Route 541 Service Changes

Ms. Sasha Pachito shared proposed service changes as follows:

Route 156 – Increase peak frequency to 15 min from 48th St to Gilbert Road

Route 96 – Eliminate service south of Pecos Road

Route 541 – Eliminate all stops in Mesa and streamline route to freeway, or eliminate route

Commissioner Heineking asked who proposed the route changes? Mr. Crampton noted Route 156 and 96 service changes were proposed by the City of Chandler. Route 541 was proposed by the City of Mesa who is wanting to eliminate 541 express route completely due to low ridership. Valley Metro is still conducting outreach on these service changes, and the City of Chandler will make a decision in a few months. Commissioner Heineking asked if 541 would stop at the Mesa Park and Ride? Mr. Crampton replied that it could be considered to allow City of Chandler to fund the stop in Mesa, however historically the express routes have been funded by the city in which it stops.

Commissioner Heineking noted he typically takes Route 541 to and from work and that deciding to reduce or eliminate express routes right after the pandemic as gas prices are going up, is not the right time.

Chandler Flex Transit

Mr. Crampton provided an update on the launch of the Chandler Flex Transit Program. The program is grant funded and launched to provide more transit to customers based on input from employers, schools, and underserved residents. The grant will be available through FY2023-24. Initial fare is free but will be evaluated later.

Chairman Henderson asked if Chandler will co-market this program? Mr. Crampton stated that there is a very detailed plan that Chandler and Via will work on together to market the program.

Commissioner Hardin asked about the fee structure stating that at times it is more difficult to implement a paid fare after the program has been free. Mr. Crampton explained that the messaging will be that it is a paid service however will be free during the trial period only.

Commissioner Hardin asked about data collection. Mr. Crampton responded that data would be collected. Raw data and trend analysis will be provided. Discussion ensued.

6. INFORMATIONAL ITEMS

Transportation Project Status Update

Mr. Crampton shared that construction projects will be starting soon for Lindsey Road and Chandler Heights between Gilbert and Dobson. Shade canopies and electric vehicles have been installed at the Park and Ride. The Frye Road protected bike lane is entering the design phase. The Ashley Paseo Trail will begin the Study phase soon.

Commissioner Brennan asked what the source of funding is for these projects. Mr. Crampton responded that he would update the funding information and have it available for a future meeting.

Commissioner Heineking asked if there is a charge to use the charging stations or a time limit. Ms. Nancy Jackson, Transportation Planning Coordinator, responded that at this time there is no charge or time limit. Discussion ensued.

7. CALENDAR MEMBER COMMENTS/ANNOUNCEMENTS

The next scheduled meeting will be held on Wednesday, July 20, 2022

8. MEMBER COMMENTS/ANNOUNCEMENTS

Commissioner Brennan requested various topics to be discussed at future meetings. Commissioner Brennan mentioned the Title VI Civil Rights Act and the Non-Discriminatory National Program Implementation plan which references the Transportation Commission and would like to review the document prior to it being adopted for the next fiscal year.

9. ADJOURNMENT

With no further items, **Commissioner Hardin** adjourned the meeting at 5:58p.m.

Dan Henderson, Chairman

Nancy Jackson, City of Chandler



**Transportation Commission
Policy Memo No. TP23-05**

Government Relations & Transportation

Date: 09/21/2022
To: Transportation Commission
From: Sasha Pachito, Transportation Planning Coordinator
Subject: Intergovernmental agreement between the Maricopa Association of Governments (MAG) and the City of Chandler for the Chandler Protected Bike Lanes Study.

Proposed Motion:

Move that the Transportation Commission recommend approval of the Intergovernmental Agreement with the Maricopa Association of Governments (MAG) and the City of Chandler for the Chandler protected bike lanes feasibility study, with a local match not to exceed \$4,560.

Background/Discussion

This project will provide a protected bike lane feasibility report for the City of Chandler. The Chandler Transportation Master Plan identified four protected bike lane corridors, however with feedback received from residents, the City would like to explore increasing the number of protected bike lanes.

Y2K Engineering was selected to complete this study. In the study, the consultant will analyze both existing and planned bike lanes on arterial and collector streets and determine which could be converted to a protected lane. Design criteria will be identified, and locations will be prioritized for implementation. This study will also provide high-level cost estimates for different types of protected bike lane facilities.

The City of Chandler was awarded design assistance funding in the amount of \$75,440 from MAG for this study. This agreement requires a local match of 5.7%, which is \$4,560. Funding for this study is in this year's budget with implementation funds programmed into the 10-year CIP.



**Transportation Commission Government Relations & Transportation
Policy Memo No.**

Date: 09/21/2022
To: Transportation Commission
From: Nancy Jackson, Transportation Planning Coordinator
Subject: Ashley and Paseo Trails Connection Study

Background/Discussion

Ashley and Paseo Trails Connection Study presented by Jason Crampton,
Transportation Planning Manager.

Attachments



Ashley and Paseo Trails Connection

MAG Pedestrian and Bicycle Facilities Design Assistance Program

MAG Project No. 0600-0145-22-E001-1137A-0C.000003

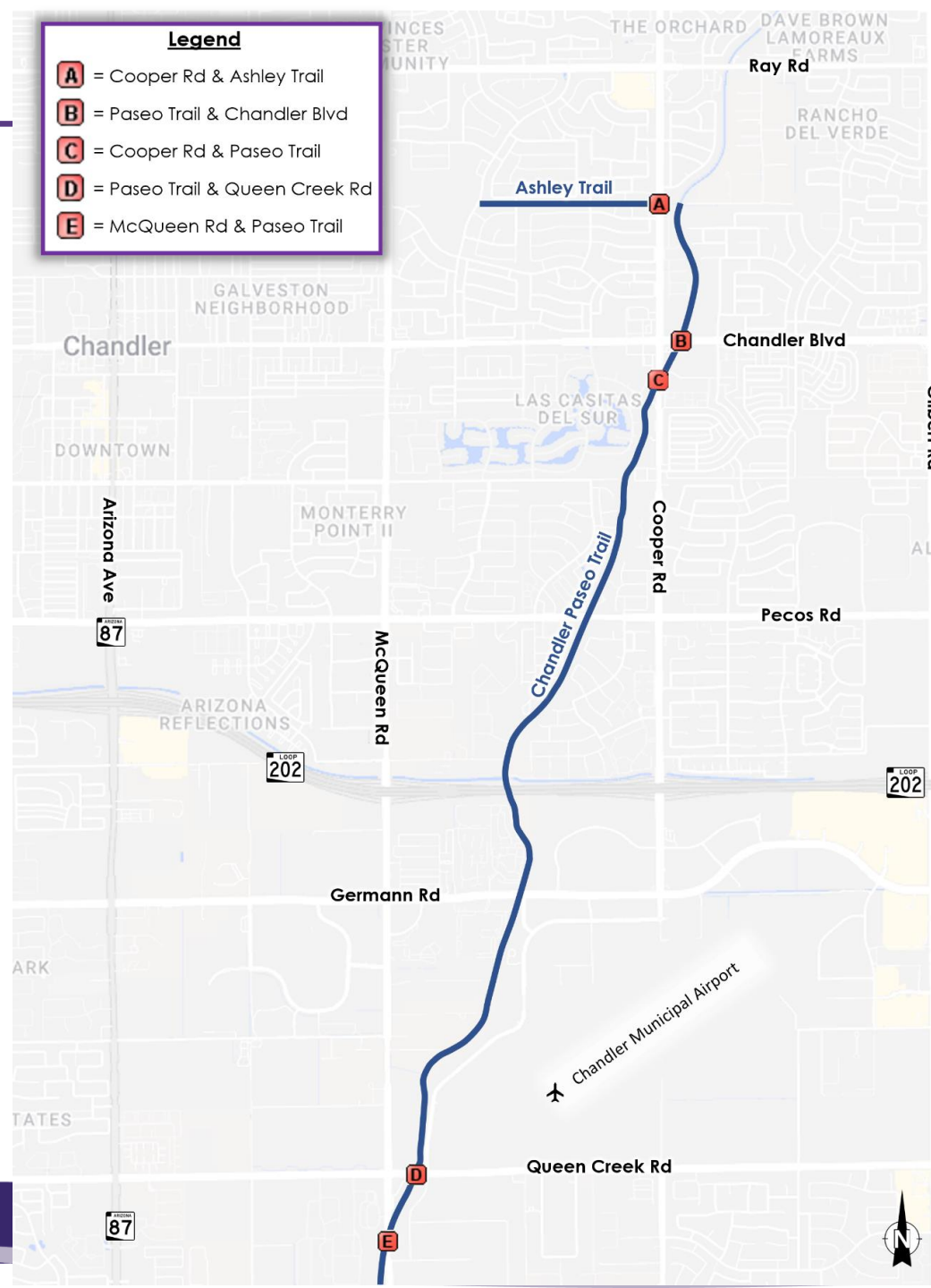
Transportation Commission

City of Chandler

September 21, 2022



Project Overview



A. COOPER ROAD AND ASHLEY TRAIL

Recommendation: Pedestrian Hybrid Beacon

Cooper Road and Ashley Trail



Existing Conditions



Existing Conditions/ Proposed Improvements

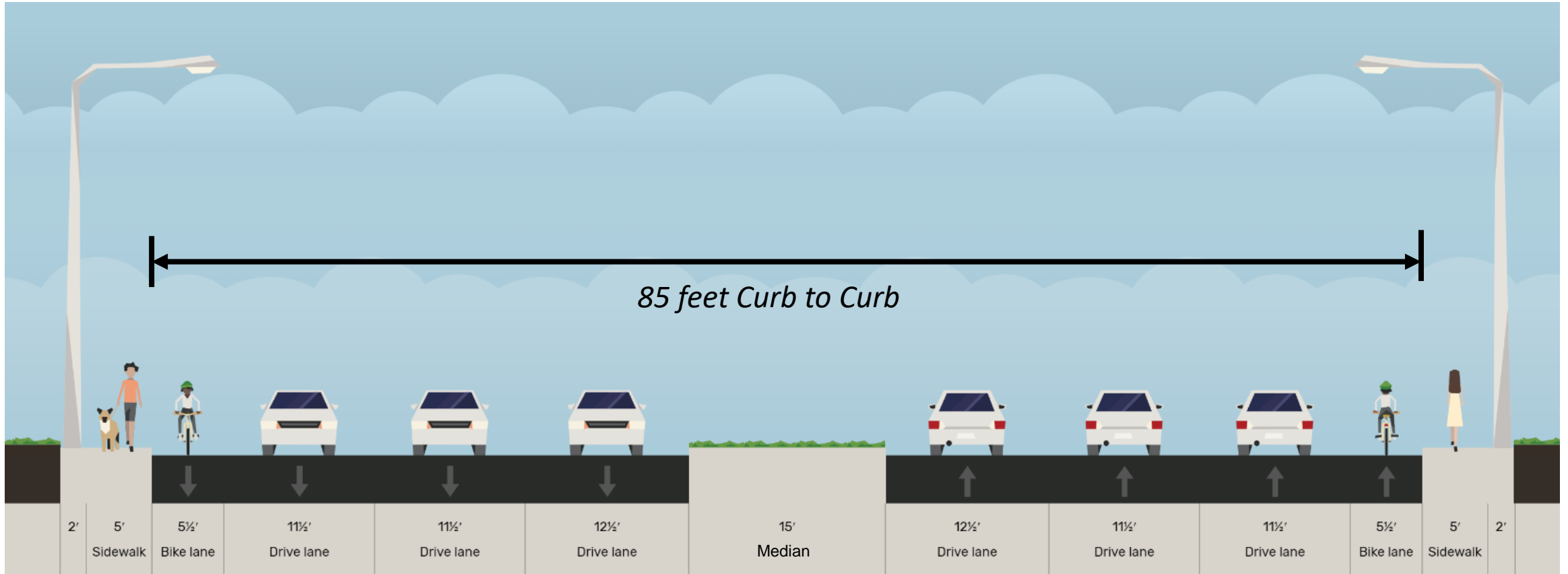


View of the Ashley Trail alignment from the Westbank Estates HOA property, looking west.

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

Open channel to remain.

Cooper Road Lane Configuration at Ashley Trail Crossing

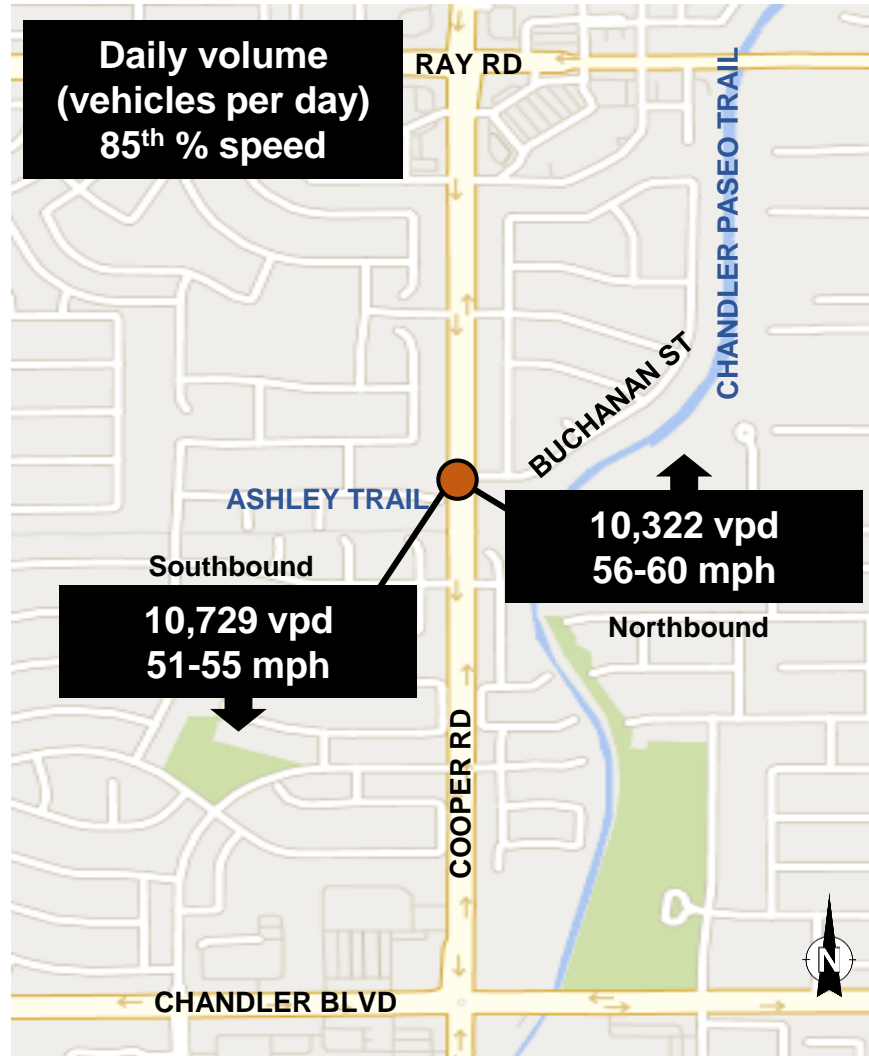


West of Cooper Rd
SRP ROW
62 feet from centerline

East of Cooper Rd
Westbank HOA ROW
62 feet from centerline

Traffic Data

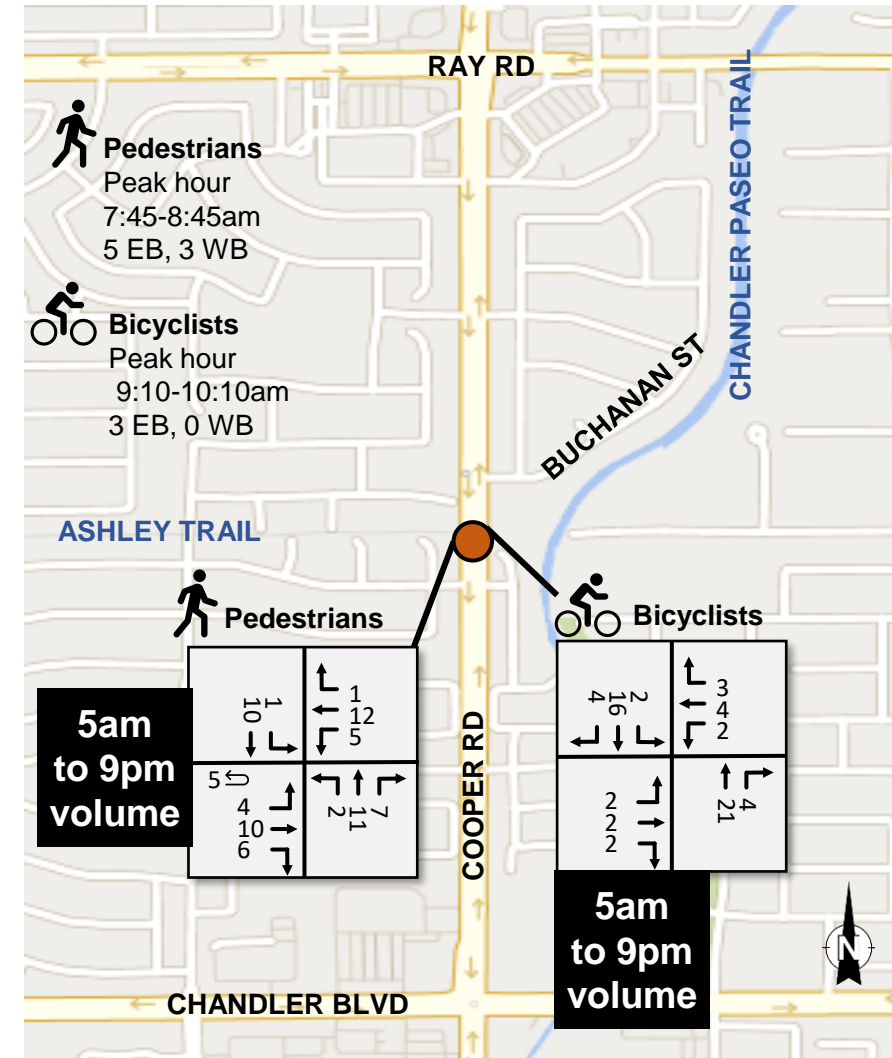
Motor Vehicles



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



Reasoning for Improvements

Pedestrian Hybrid Beacon

- Cooper Road is a multilane arterial crossing with high vehicular travel speeds (>50 mph)
- A pedestrian hybrid beacon (PHB) will stop vehicles to allow pedestrians and bicyclists to cross Cooper Road
- The location is ½ mile from the nearest traffic signal and could be operated as a hot button (upon request)
- Current crossing volumes are low, however, the PHB will create an important connection to the Paseo Trail

Public Outreach



August 2022

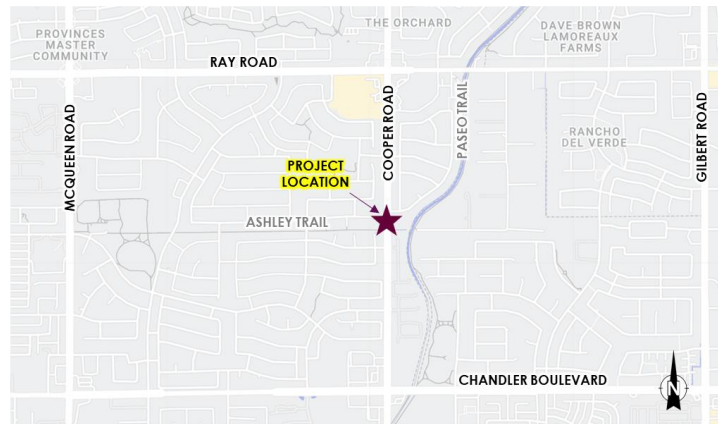
Ashley Trail/Paseo Trail Connection City of Chandler, Arizona

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 actuated the push button.
	START CROSSING Always watch for cars.		PREPARE TO STOP for pedestrian. (Go with red signal RED means STOP)
	FINISH CROSSING		STOP FIRST Proceed with caution if no people are present.

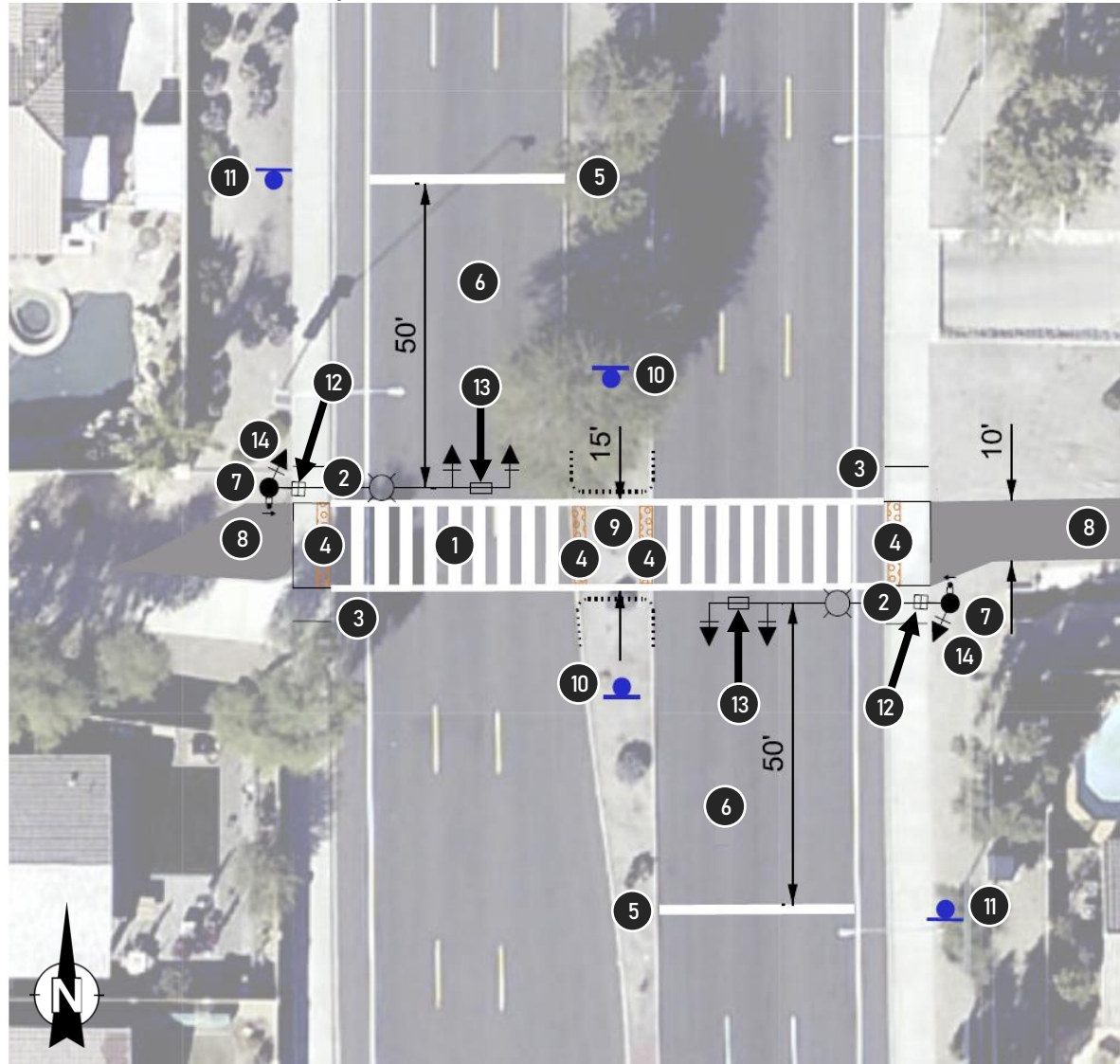


A meeting was held with the Westbank HOA.

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

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

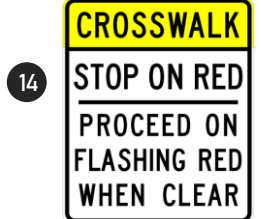
10 Install bicycle and pedestrian trail crossing sign (W11-15P)

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)

14 Install sign "CROSSWALK, STOP ON RED, PROCEED ON FLASHING RED WHEN CLEAR" (custom) on traffic pole

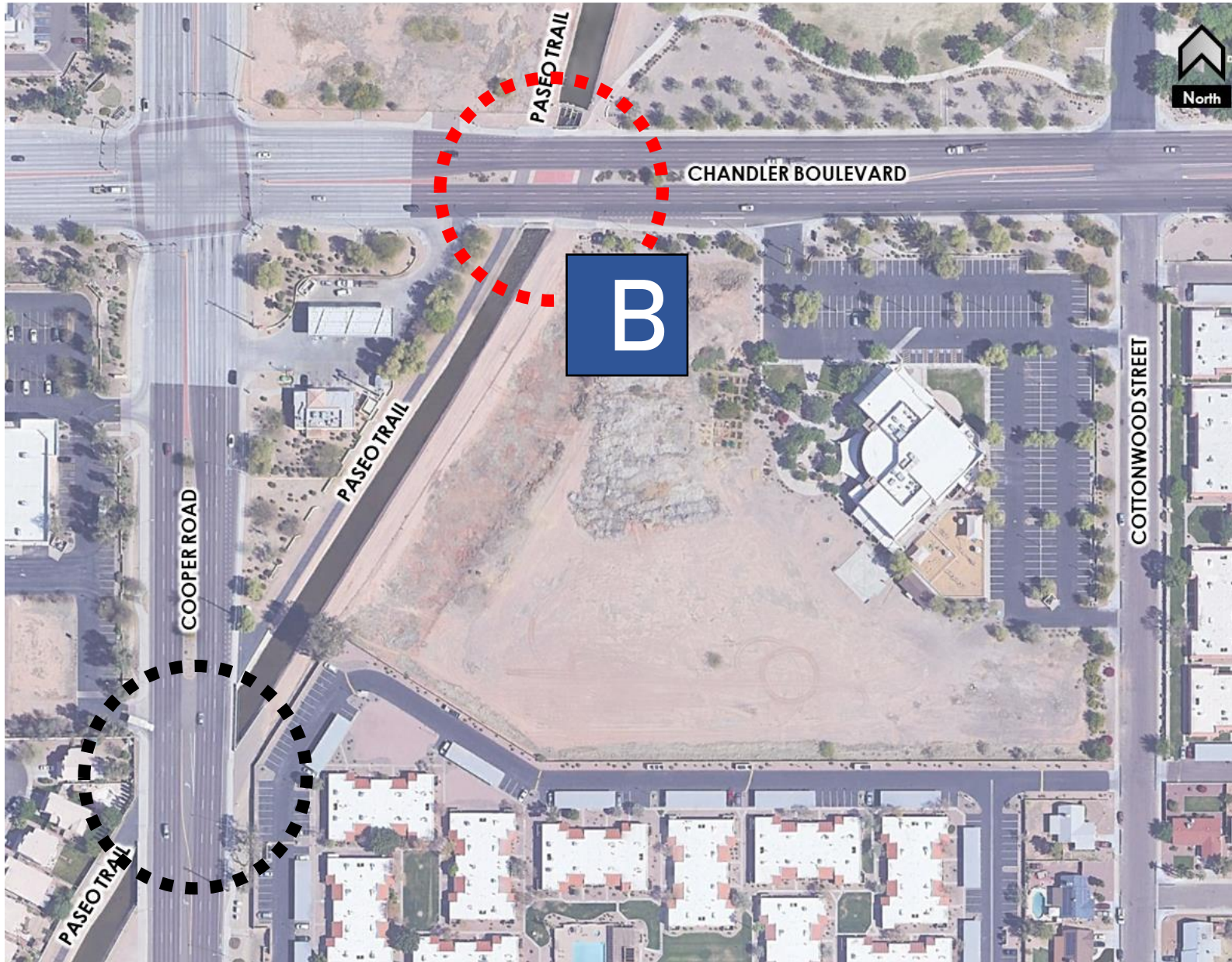


B. CHANDLER BOULEVARD AND PASEO TRAIL

Alternatives:

- Midblock Pedestrian Traffic Signal
 - Pedestrian Hybrid Beacon
- Maintain Existing Conditions – Pedestrian Refuge Island

Paseo Trail/Chandler Boulevard & Cooper Road/Paseo Trail



B

Paseo Trail/Chandler Boulevard & Cooper Road/Paseo Trail



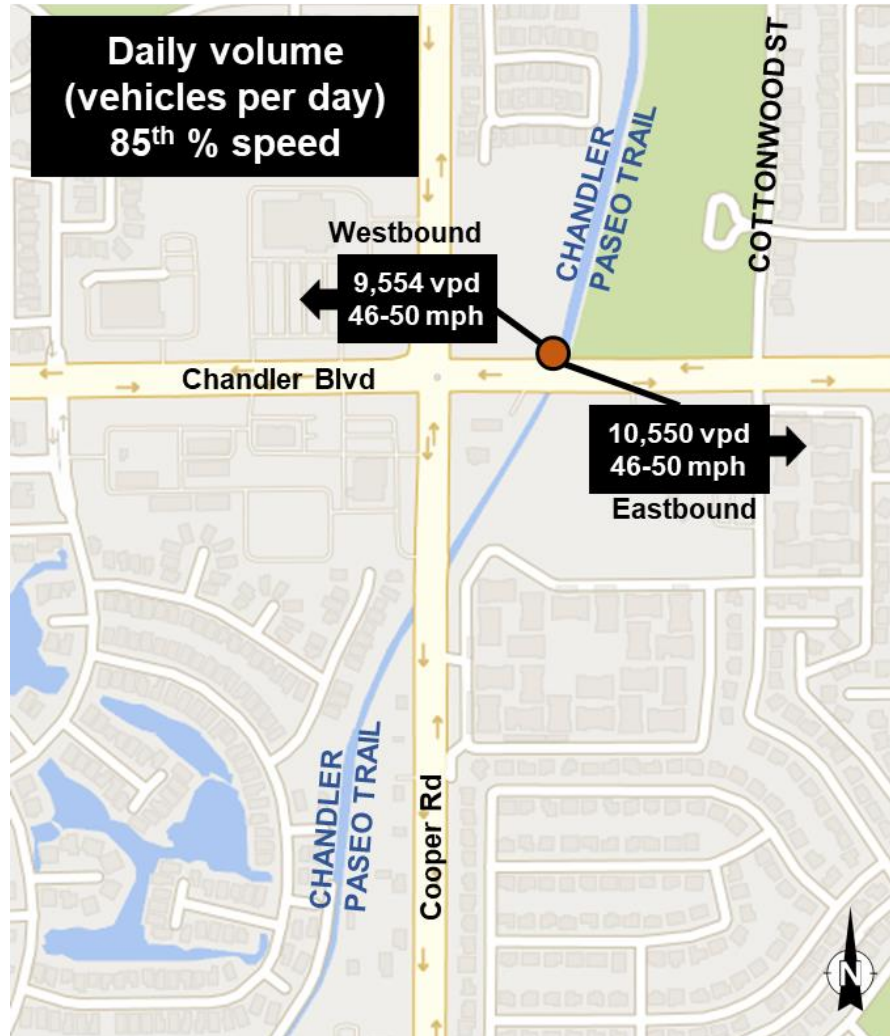
Existing Conditions



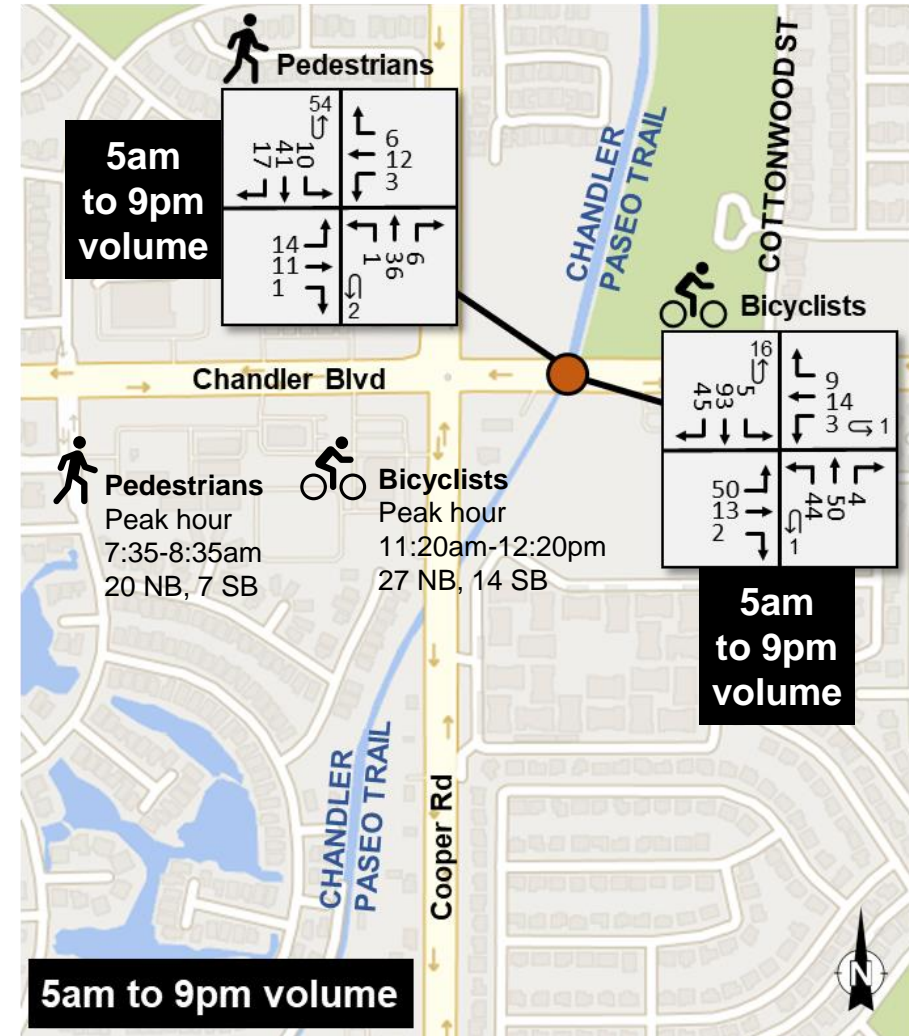
View of the Paseo Trail alignment from the north side of Chandler Boulevard, looking south.

Traffic Data

Motor Vehicles



Pedestrians and Bicyclists



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

Crash Data

Collision Manner: ● Sideswipe Same Direction ● Single Vehicle

2 single vehicle crashes and 1 sideswipe crash within 150 feet of the Paseo Trail crossing on Chandler Boulevard from 2016 to 2020.

These crashes may have occurred due to drivers avoiding other motor vehicles or people in the roadway.

No crashes involved pedestrians or bicyclists.



Proposed Improvements

Alternatives Include:

- Midblock Pedestrian Traffic Signal
- Pedestrian Hybrid Beacon
- Maintain Existing Conditions – Pedestrian Refuge Island

Consideration for Alternative Selection

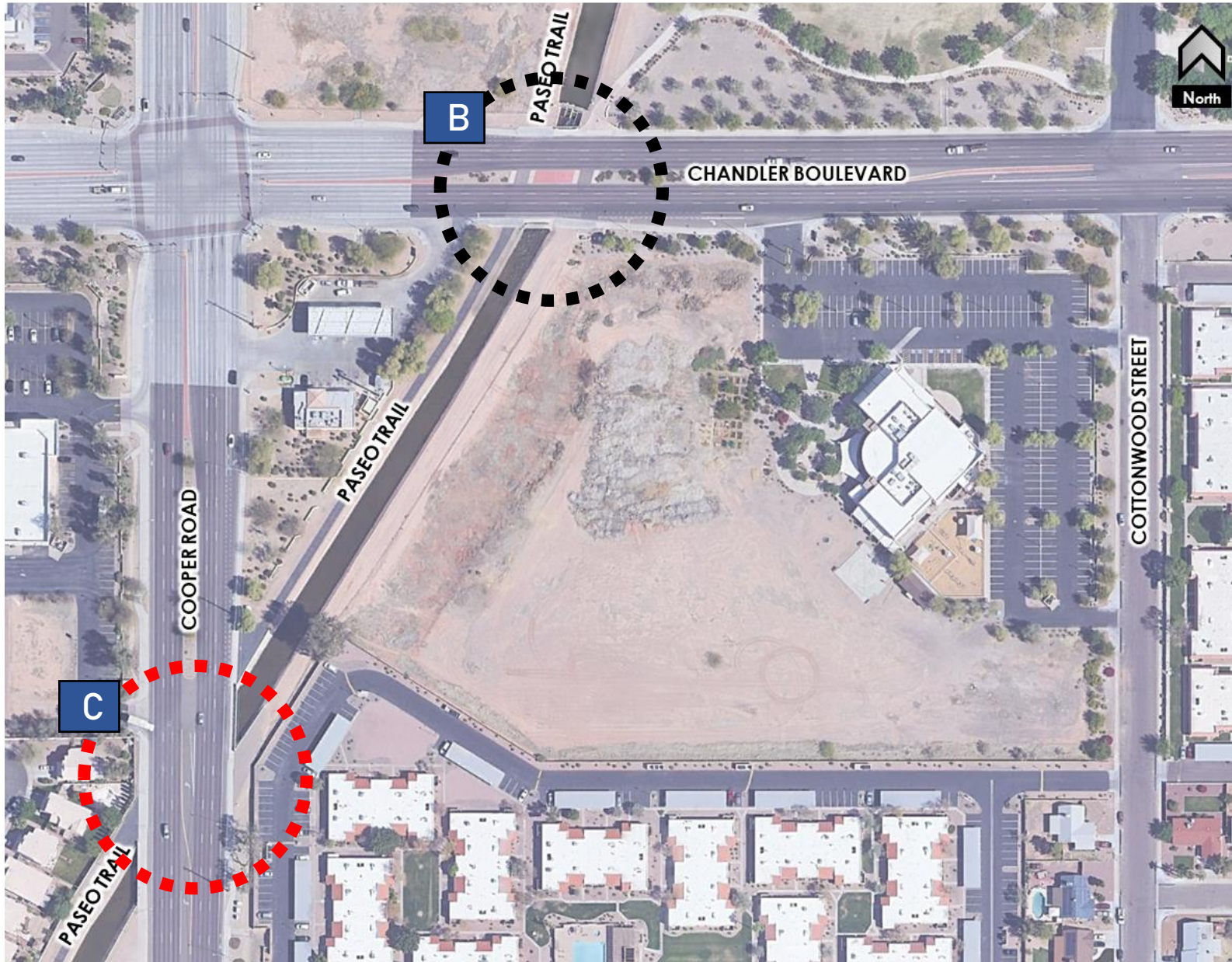
- The current route diversion is not being used
 - High volume of pedestrians and bicyclists making U-turns or crossing through instead of turning. The presence of a pedestrian refuge island makes the crossing feel safer.
 - Current pedestrian/bicycle volumes meets MUTCD volume warrants for PHB.
- The crossing location is only 400 feet away from an existing traffic signal. Typical signal spacing is 660 feet or more.
- Challenges anticipated with signalization:
 - Pedestrian signal might have higher vehicle delays compared to other alternatives (e.g. PHB).
 - Potential queueing on Chandler Blvd that could extend to the Cooper Rd/Chandler Blvd intersection.
 - Pedestrians will have to wait longer because of the signal coordination, which may increase frequency of pedestrians violating signal.

C. COOPER ROAD AND PASEO TRAIL

Alternatives:

- Pedestrian Hybrid Beacon (North)
- Pedestrian Hybrid Beacon (South)
 - Installation of Traffic Signal

Paseo Trail/Chandler Boulevard & Cooper Road/Paseo Trail



Paseo Trail/Chandler Boulevard & Cooper Road/Paseo Trail



Existing Conditions



View of the Paseo Trail alignment from the west side of Cooper Road, looking east.

Traffic Data

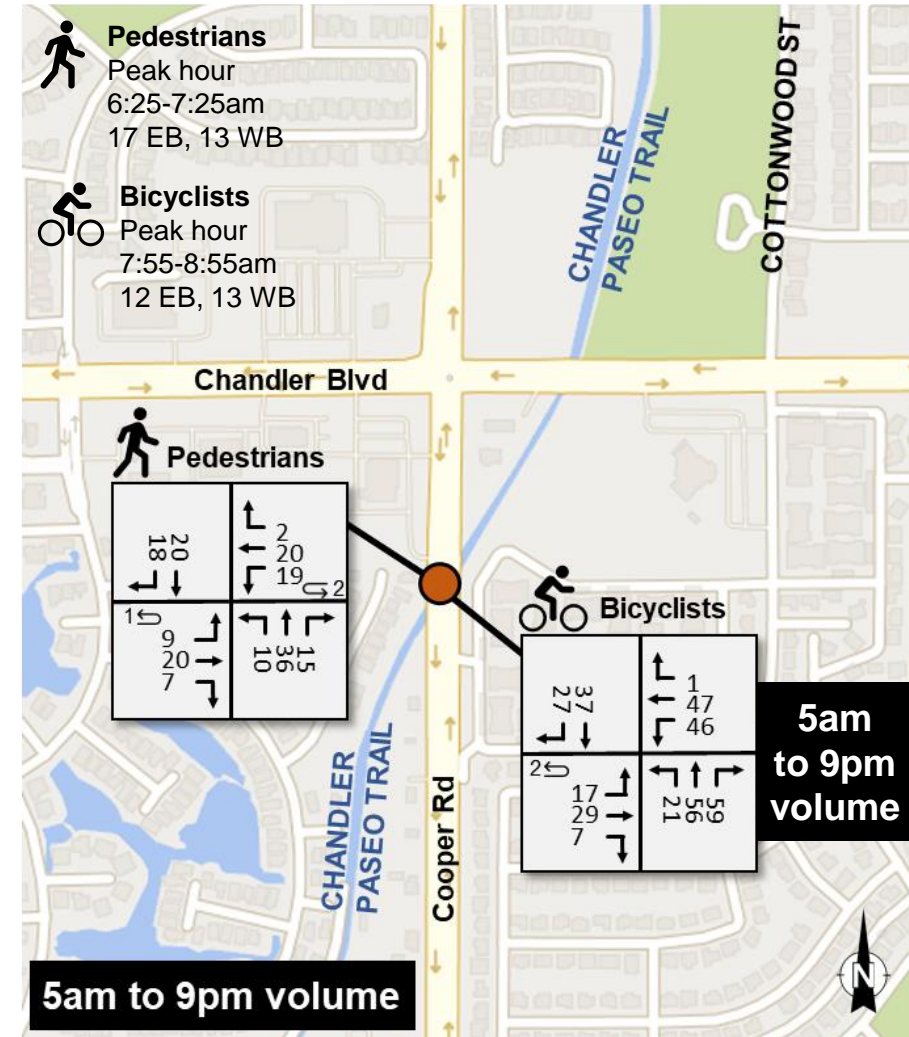
Motor Vehicles



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 Paseo Trail crossing on Cooper Road from 2016 to 2020.

Pedestrians and Bicyclists



Proposed Improvements

Paseo Trail is proposed to have a signalized crossing of Cooper Road that will be situated at the trail approach on the west side of the roadway.

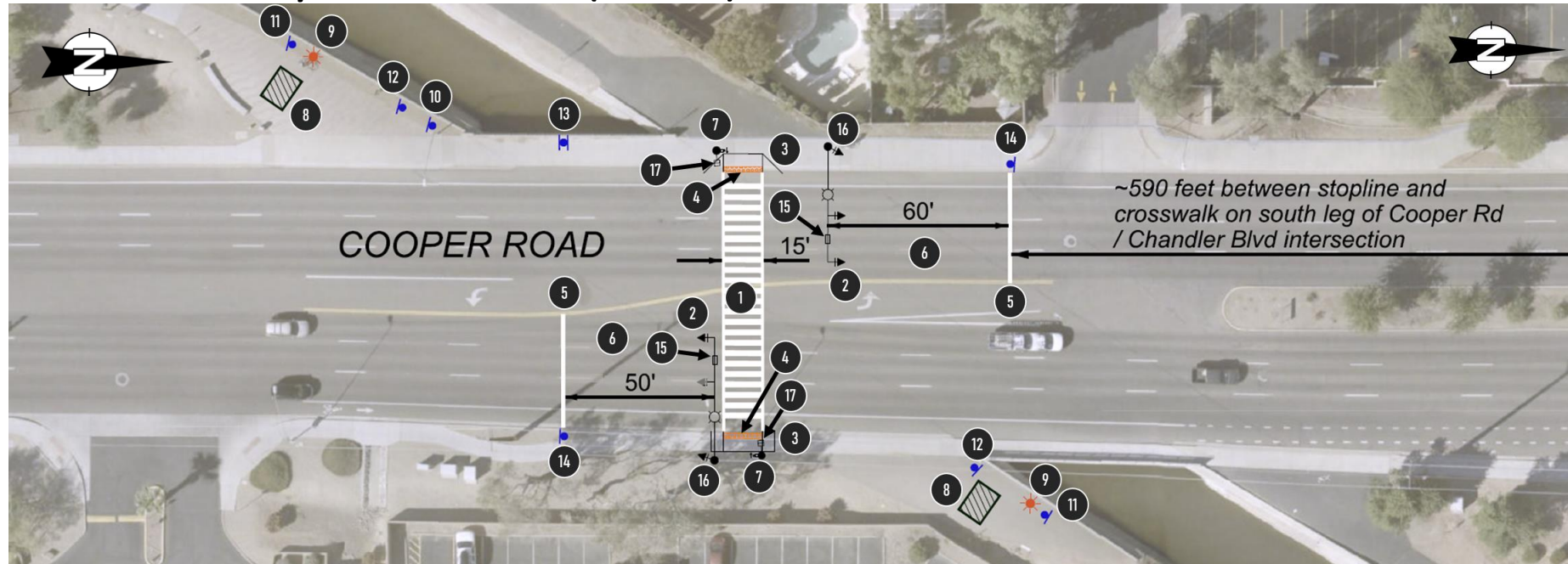
The crossing will be positioned perpendicular with Cooper Road.

Alternatives Include:

- Pedestrian Hybrid Beacon (North)
- Pedestrian Hybrid Beacon (South)
- Installation of a Traffic Signal

Proposed Crossing Improvements – Cooper Road and Paseo Trail

Pedestrian Hybrid Beacon (North)



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 pavement markings between the stop bars and crosswalk

7 Install pedestrian push button

8 Install detectable pavement marking message "Use Traffic Signal"

9 Install overhead pedestrian/path lighting near trail approach

10 Install STOP sign (R1-1) with street name sign panels

11 Install route wayfinding sign "You Are Here"

12 Install wayfinding sign guiding trail users to cross at the signal

13 Install back-to-back wayfinding sign with the trail name and directional arrow

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

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

16 Install sign "FLASHING RED, STOP, PROCEED WHEN SAFE" (custom)

17 Install pedestrian and bicyclist signal indications (BIKES WAIT)



8



11



12



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15



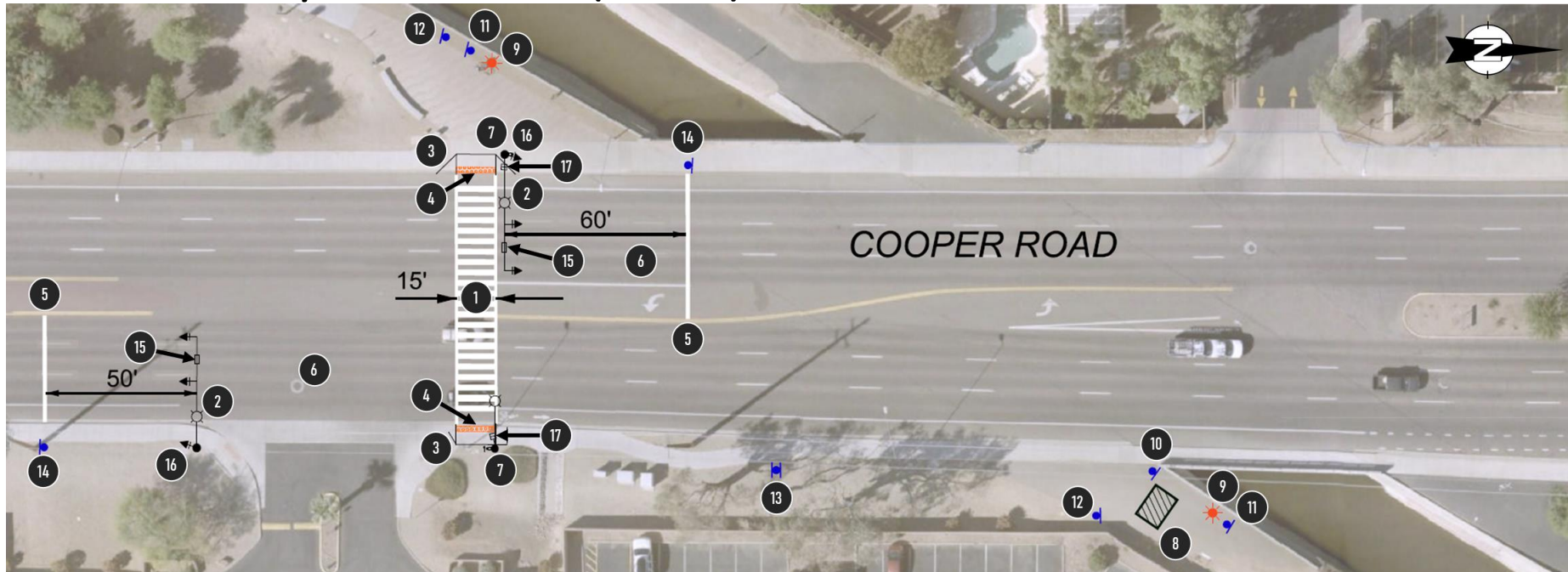
16



17

Proposed Crossing Improvements – Cooper Road and Paseo Trail

Pedestrian Hybrid Beacon (South)



8



11



12



13

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 pavement markings between the stop bars and crosswalk

7 Install pedestrian push button

8 Install detectable pavement marking message "Use Traffic Signal"

9 Install overhead pedestrian/path lighting near trail approach

10 Install STOP sign (R1-1) with street name sign panels

11 Install route wayfinding sign "You Are Here"

12 Install wayfinding sign guiding trail users to cross at the signal

13 Install back-to-back wayfinding sign with the trail name and directional arrow

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

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

16 Install sign "FLASHING RED, STOP, PROCEED WHEN SAFE" (custom)

17 Install pedestrian and bicyclist signal indications (BIKES WAIT)



14



15



16



17

D. QUEEN CREEK ROAD AND PASEO TRAIL

Recommendation: Direct Users to Nearby Signalized Crossing

Paseo Trail/Queen Creek Road & McQueen Road/Paseo Trail



D

Existing Conditions/ Proposed Improvements



View of the Paseo Trail alignment from the north side of Queen Creek Road, looking south.

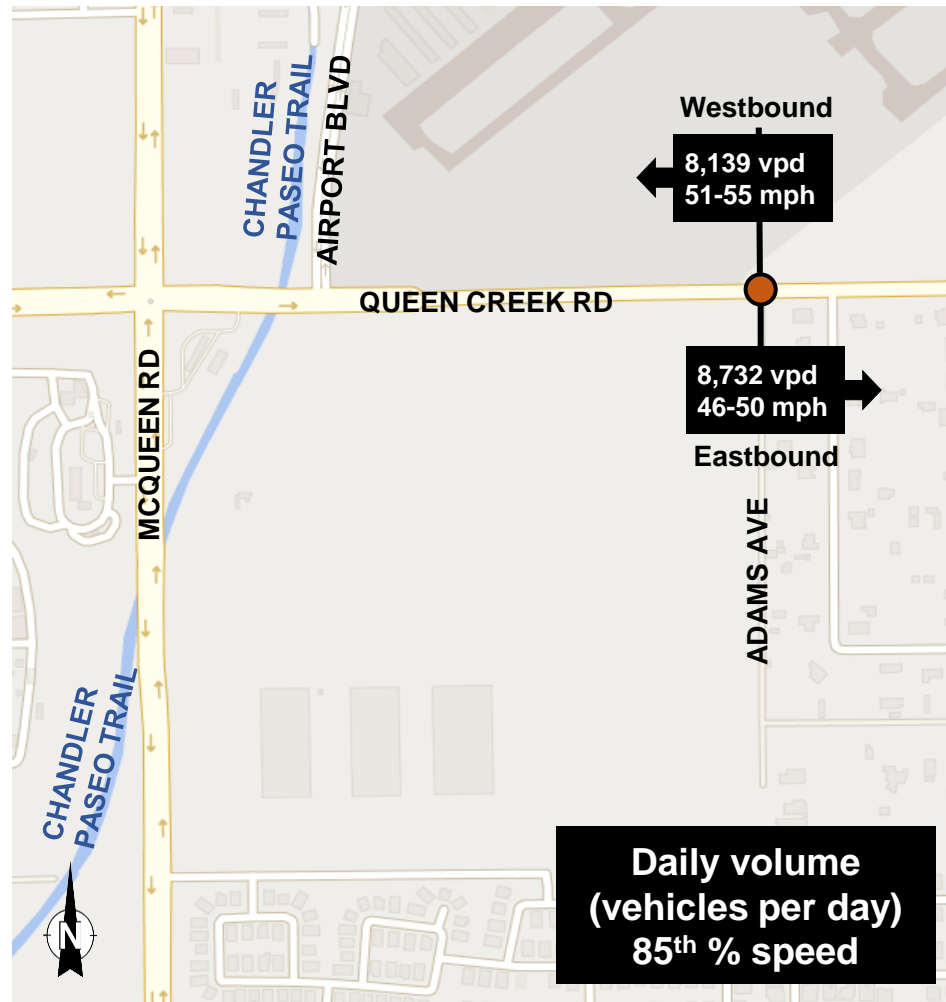
Paseo Trail is proposed to have a redirection of trail users attempting to cross Queen Creek Road to the nearby signalized crossing on the west leg of the Airport Boulevard/Queen Creek Road intersection.

Traffic Data

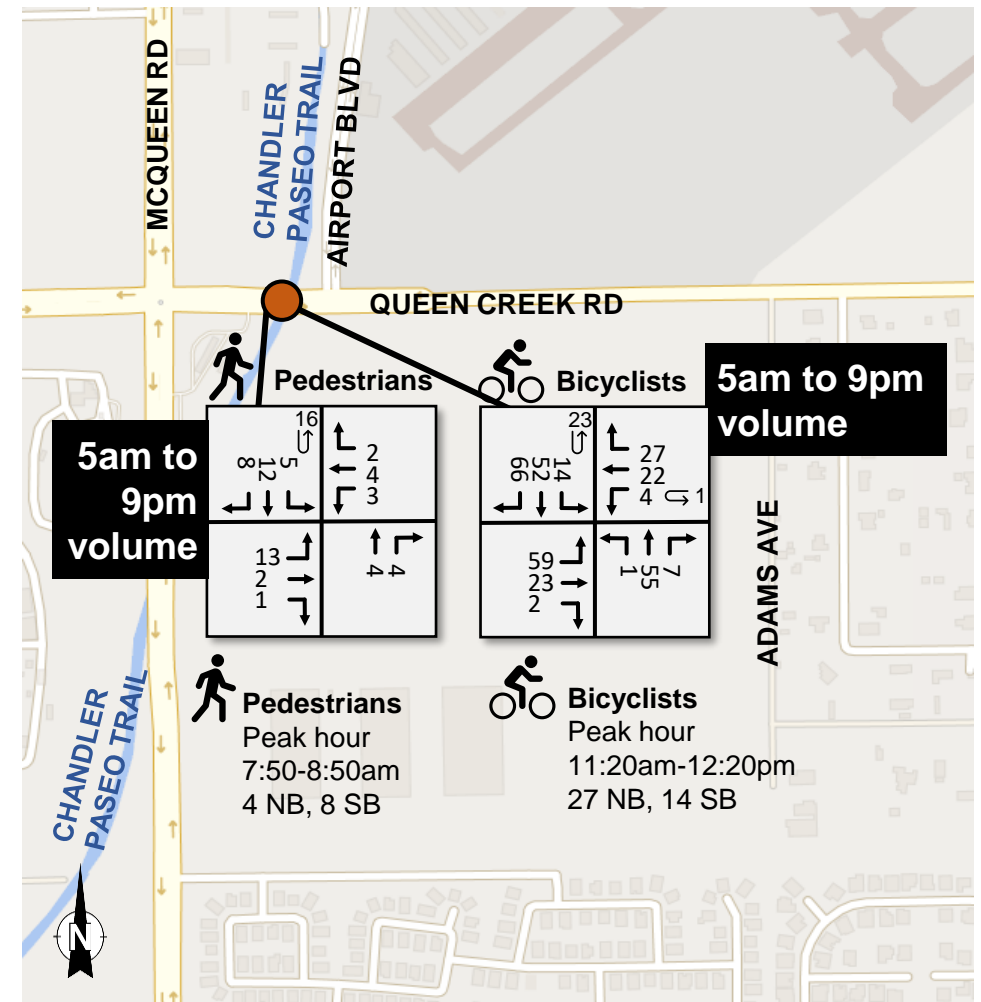
Motor Vehicles

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 Paseo Trail crossing on Queen Creek Road from 2016 to 2020.

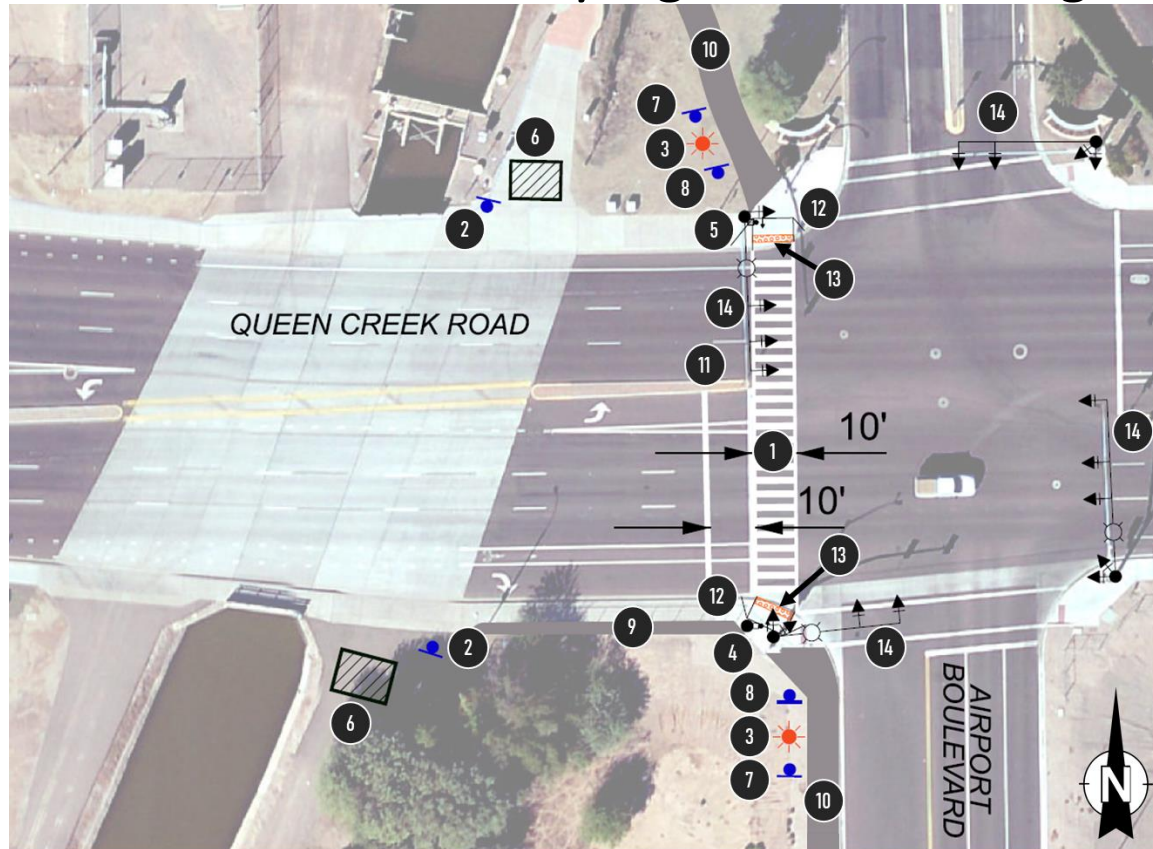


Pedestrians and Bicyclists



Proposed Crossing Improvements – Queen Creek Rd and Paseo Trail

Direct Users to Nearby Signalized Crossing



6



7



8

1 Install high-visibility crosswalk

2 Install STOP sign (R1-1) with street name sign panels

3 Install overhead pedestrian/path lighting near trail approach

4 Install pedestrian pole with push button

5 Install pedestrian push button on existing traffic pole

6 Install detectable pavement marking message "Use Traffic Signal"

7 Install route wayfinding sign "You Are Here"

8 Install wayfinding sign guiding trail users to cross at the signal

9 Widen existing sidewalk

10 Install new sidewalk and connect to existing sidewalk

11 Install stop bars

12 Install ADA curb ramps

13 Install truncated dome tactile strips

14 Existing traffic signal

E. MCQUEEN ROAD AND PASEO TRAIL

Recommendation: Direct Users to Nearby Signalized Crossing

Paseo Trail/Queen Creek Road & McQueen Road/Paseo Trail



Existing Conditions/ Proposed Improvements



View of the Paseo Trail alignment from the east side of McQueen Road, looking west.

Paseo Trail is proposed to have a redirection of trail users attempting to cross McQueen Road to the nearby signalized crossing on the north leg of the existing intersection south of the trail.

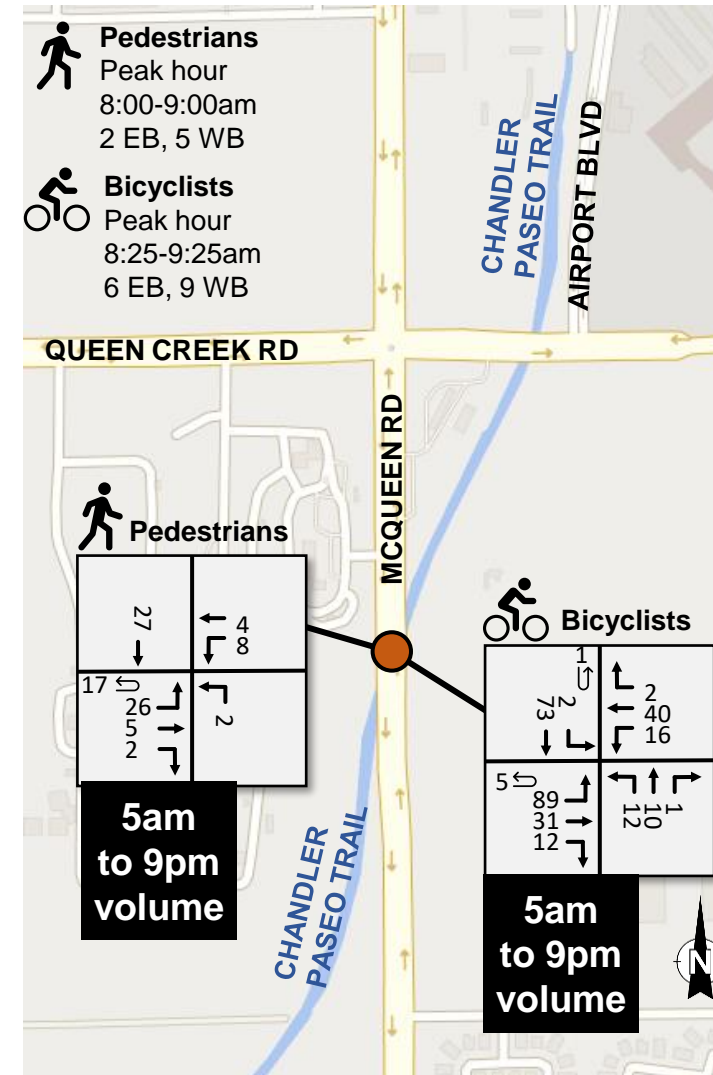
Traffic Data

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

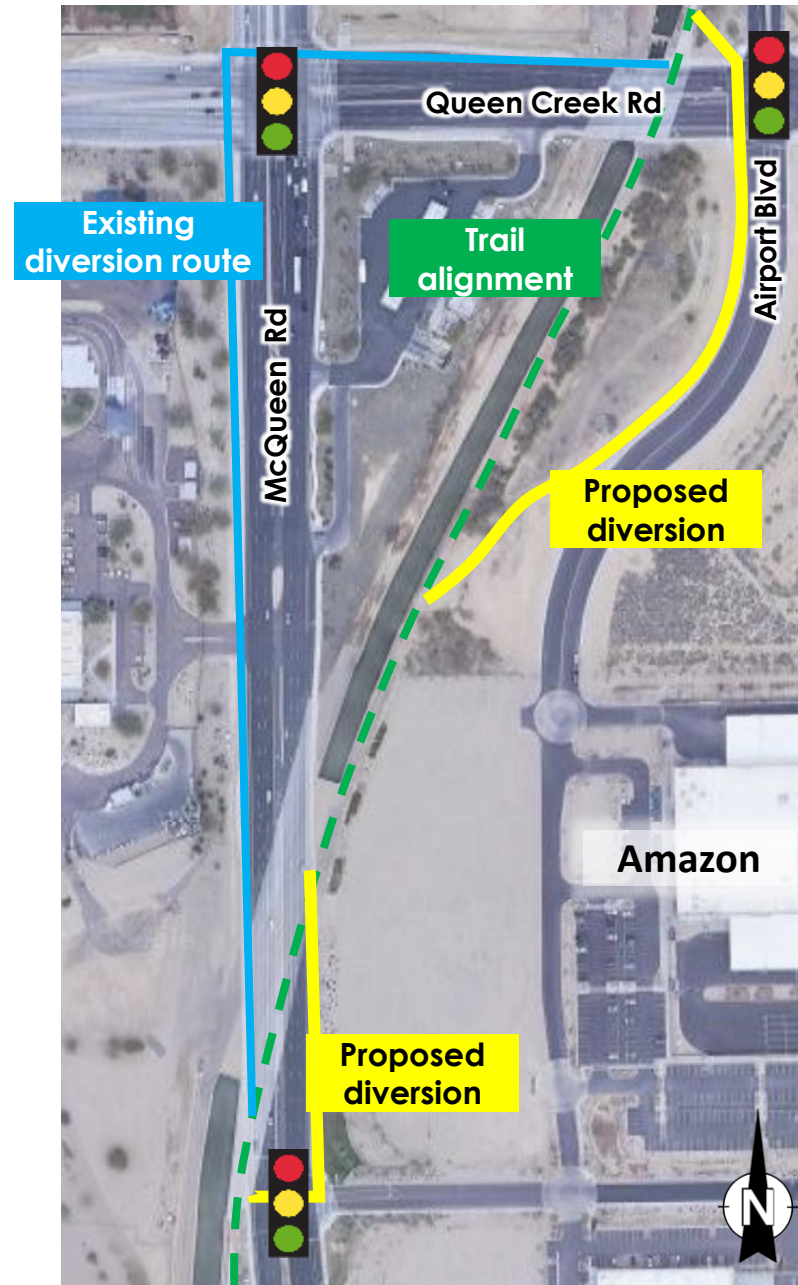
Motor Vehicles



Pedestrians and Bicyclists

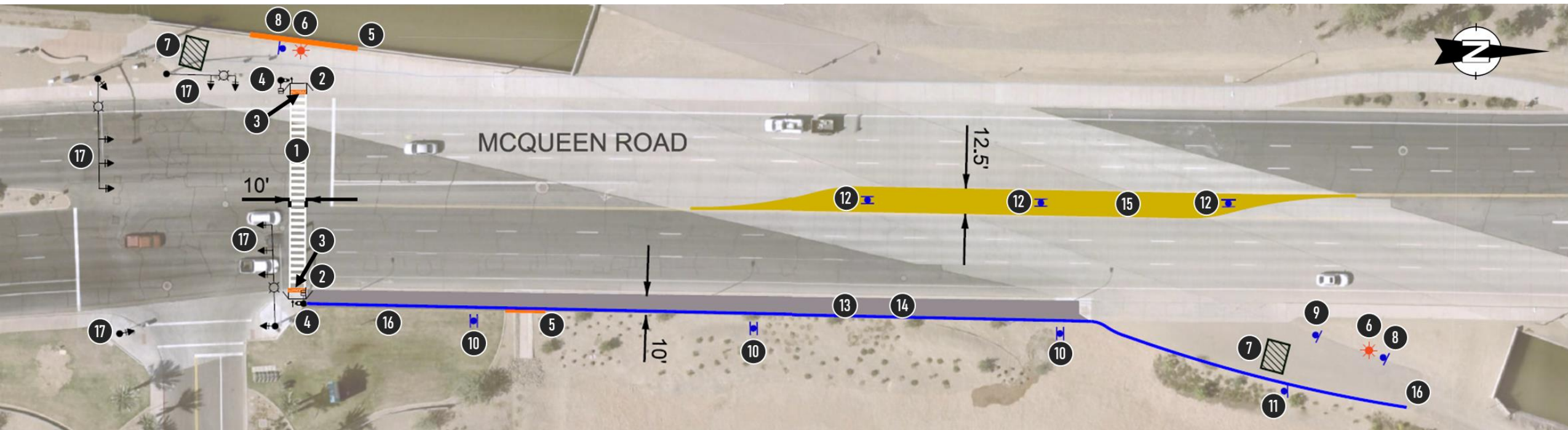


Paseo Trail/Queen Creek Road & McQueen Road/Paseo Trail



Proposed Crossing Improvements – McQueen Road and Paseo Trail

Direct Users to Nearby Signalized Crossing



- | | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------|
| <p>1 Install high-visibility crosswalk</p> <p>2 Install ADA curb ramps</p> <p>3 Install truncated dome tactile strips</p> <p>4 Install pedestrian pole with push button</p> | <p>5 Install pedestrian guardrail</p> <p>6 Install overhead pedestrian/path lighting near trail approach</p> <p>7 Install detectable pavement marking message "Use Traffic Signal"</p> <p>8 Install route wayfinding sign "You Are Here"</p> | <p>9 Install STOP sign (R1-1) with street name sign panels</p> <p>10 Install back-to-back wayfinding sign with the trail name and directional arrow</p> <p>11 Install wayfinding sign guiding trail users to cross at the signal</p> <p>12 Install back-to-back signs: No Pedestrians (R9-3) and Use Crosswalk (R9-3bP) plaque</p> | <p>13 Remove existing sidewalk</p> <p>14 Install new widened sidewalk</p> | <p>15 Install raised median</p> <p>16 Install pathfinding blue stripe along sidewalk</p> | <p>17 Existing traffic signal</p> |
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Schedule

- Ashley/ Paseo Trail Crossing and Trail Connection
 - Design in 2023
 - Construction in 2024-25
- Chandler/ Cooper and McQueen/ Queen Creek Crossings
 - Separate CIP Project
 - Currently Programmed in 2030

Questions/ Discussion





**Transportation Commission Government Relations & Transportation
Policy Memo No.**

Date: 09/21/2022
To: Transportation Commission
From: Nancy Jackson, Transportation Planning Coordinator
Subject: Downtown Pedestrian Projects Update

Background/Discussion

Downtown Pedestrian Projects Update presented by John Owens, Downtown Redevelopment Specialist.



**Transportation Commission Government Relations & Transportation
Policy Memo No.**

Date: 09/21/2022
To: Transportation Commission
From: Nancy Jackson, Transportation Planning Coordinator
Subject: Transportation Projects Update

Background/Discussion

Transportation Projects Update presented by Jason Crampton, Transportation Planning Manager and Sasha Pachito, Transportation Planning Coordinator.

Attachments

TC Set 2022 Project Status Update

Transportation Project Status - September 21, 2022

Projects	Designer	Contractor	Status	Comments	PROJECT COST ESTIMATE (\$MILLIONS)
ROADWAY AND TRAFFIC PROJECTS					
ST1503, Cooper Road Improv. [Alamosa Drive (approx.. 3,500 ft. north of Chandler Heights Road) to Riggs Road for two through lanes each direction]	Entellus	Pulice Construction	Construction underway. Completion scheduled for Winter 2022.	Federal funds	\$19.3
ST1614, Chandler Heights Road Improv. [McQueen Road to Gilbert Road for two through lanes each direction]	Kimley-Horn	Granite Construction Company	Construction underway. Completion scheduled for Winter 2023	Federal funds	\$20.9
ST1616, Ocotillo Road Improv. [Gilbert Road to 148th Street for two through lanes each direction]	Ritoch-Powell	Haydon Companies, LLC	Construction contract award April 2022. Long lead procurement NTP August 2, 2022. Start construction Winter 2022. Construction complete Fall 2023.	Federal funds	\$6.8
ST1804, Chandler Heights Road Improv. [Gilbert Road to Val Vista Drive for two through lanes each direction]	Kimley-Horn	tbd	Design in progress. Bid scheduled for Summer 2023.	Federal funds	\$20.9
ST1908, Bicycle Detection System [40 intersections]	n/a	n/a	Procurement Complete.	Federal funds	\$1.3
ST1909, Alleyway Rehab PM10 Dust Emission Reduction	n/a	Cactus Asphalt	Construction Complete.	Federal funds	\$2.1
ST2001, Lindsay Road Improv. [Ocotillo Road to Hunt Highway for two through lanes in each direction]	Kimley-Horn	tbd	Design in progress. Bid scheduled for Winter 2023.	Federal funds	\$27.2
ST2002, Traffic Study of Kyrene Road [Chandler Boulevard to Loop 202]	AZTEC	n/a	Study complete.		\$0.2
ST2003, Gilbert Road Improv. [Ocotillo Road to Chandler Heights Road for new traffic signals and three through lanes in each direction]	Sunrise Engineering	Sunland Asphalt	Construction complete.		\$8.5
ST2004, Alma School Road Improv. [Pecos Road to Germann Road for three through lanes in each direction to match development improv.]	Wood	Sunland Asphalt	Construction complete.	Regional funds	\$3.7
ST2006, Traffic Signal at Warner Road and Nevada Street	Stanley Consultants	B&F Contracting	Construction contract awarded January 2022. Long lead procurement NTP May 9, 2022. Start construction Fall 2022.		\$0.6
ST2007, Hamilton Street Improv. [Appleby Road to Carob Drive]	Nfra Consultants	tbd	Design underway. Construction scheduled for Fall 2023		\$5.2
ST2009, Dobson Road Improv. at Intel Driveways #1 and #4 [Price Rd / Market Pl to Chaparral Way]	Premier	DCS Contracting	Construction in progress. Completion scheduled for Summer 2023.	Funded by 20% from Intel and 80% from State TPT per ARS 42-5032.02	\$0 City Cost (Intel Funded)
ST2012, Arterial Congestion Monitoring [Install data collection devices at major intersections, and use data to map traffic congestion and mobility.]	Y.S. Mantri & Assoc.	CS Construction	Construction to start Winter 2022.	Grant funds	\$1.3
ST2103, Intersection Improv. at Ray Road and Dobson Road	tbd	tbd	Study underway.	Study only. Future phases tbd.	\$0.1
ST2104, Traffic Signal at Ocotillo Road and Pinelake Way	Y2K Engineering	tbd	Design in progress.		\$0.8
ST2113, Alley Rehab PM10 Dust Emissions Reduction 2 (FMA Areas 16, 25, 39, and 40)	Premier / Olsson	tbd	Design in progress.	Federal funds	\$2.4 (tbc)
PEDESTRIAN, BICYCLE, AND TRANSIT PROJECTS					
ST2106, Frye Road Protected Bike Lanes [Paseo Trail to San Marcos Elementary School]	TY Lin	tbd	Study completed by Y2K. Design underway. Construction in fall 2023.	\$3.2 Million grant awarded for construction and \$650,000 for design.	\$6.0
Kyrene Branch and Highline Canal Shared Use Paths	Kimley-Horn	tbd	Study underway. Design in 2023. Construction in 2024-25.	Federal grants have been awarded to fund study, design and construction.	\$4.0
Ashley and Paseo Trails Connection	Y2K Engineering	tbd	Study underway. Design in FY 2023. Construction in 2024-25.	Study is federally funded. Construction and design grant funding will be pursued.	\$1.0
Hunt Highway Bicycle Improvements and Traffic Calming Study	Rick Engineering	tbd	Study underway, to be completed mid 2023.	Federally funded. Study will look at a potential shared use path or separated bike lanes along with recommendations for traffic calming between Cooper Rd. and Val Vista Dr.	\$0.1
Tumbleweed Park ADA Improvements	N/A	Vincon	Construction underway. To be completed fall 2022.	Sidewalk and curb ramp improvements throughout and adjacent to park.	\$0.4
Protected Bike Lanes Study	Y2K Engineering	tbd	Study to kickoff late 2022.	Federally funded. Study will prioritize opportunities to install protected bike lanes on arterial and collector streets in Chandler.	\$0.1
Chandler Flex	NA	Via	Study completed in collaboration with Valley Metro. Contract awarded to Via. Operations began July 11, 2022.	Awarded \$2 Million grant for project startup and two years of operations.	\$2.1