



**CITY OF SCOTTSDALE
TRANSPORTATION COMMISSION
PATHS & TRAILS SUBCOMMITTEE
Notice and Agenda
AMENDED**

Date: Tuesday, October 3, 2023

Time: 8:30 A.M.

Location: One Civic Center
Agave Conference Room
7447 E. Indian School Rd Suite 205
Scottsdale, AZ 85251

***ITEM #3 HAS BEEN CHANGED TO INFORMATION AND POSSIBLE ACTION.**

Call to Order

Don Anderson, Chair, Transportation Commission
Kyle Davis, Subcommittee Member
Maryann McAllen - Commissioner, Parks and Recreation Commission
B. Kent Lall, Vice-Chair, Transportation Commission
William Levie, Subcommittee Member

One or more members of the Paths & Trails Subcommittee may be attending the meeting by telephone, video, or internet conferencing, pursuant to A.R.S. §38-431(4)

Public Comment

Spoken comments are being accepted on agendized and non-agendized items. To sign up to speak on these items [click here](#). Request to speak forms must be submitted no later than 90 minutes before the start of the meeting.

Written comments submitted electronically are also being accepted. To be considered, please submit your written Public Comment on an agenda item at least 90 minutes before the meeting's scheduled time to the following link: <https://www.scottsdaleaz.gov/boards/transportation-commission/public-comment>

However, Arizona State Law prohibits the Paths & Trails Subcommittee from discussing or taking action on an item that is not on the prepared agenda.

1. **Approval of Meeting Minutes****Action**
Approval of the Regular Meeting minutes of August 1, 2023

2. **Proposed Updates to Bicycles and Related Devices Ordinance**
.....**Information and Possible Action**
History and current interactions with e-scooter companies and discussion regarding proposed ordinance update – Susan Conklu, Senior Transportation Planner

3. **Neighborhood Bikeway Prioritization**..... **Information and Possible Action**
Information on the Bikeway Prioritization Plan – Nathan Domme, Transportation Planning Manager

4. **Other Transportation Projects and Programs Status**..... **Information**
A continuing overview of projects/programs including Bike Month recap – Greg Davies, Senior Transportation Planner and Nathan Domme, Transportation Planning Manager

5. **Subcommittee Identification of Future Agenda Items**.....**Discussion**
Subcommittee members may identify items or topics of interest for future Subcommittee meetings

6. **Adjournment**



Persons with a disability may request a reasonable accommodation by contacting Kyle Lofgren at 480-312-7839. Requests should be made 24 hours in advance, or as early as possible, to allow time to arrange the accommodation. For TYY users, the Arizona Relay Service (1-800-367-8939) may also contact Frances Cookson at 480-312-7637.



DRAFT SUMMARIZED MINUTES

CITY OF SCOTTSDALE TRANSPORTATION COMMISSION PATHS & TRAILS SUBCOMMITTEE

**ONE CIVIC CENTER
AGAVE CONFERENCE ROOM
SCOTTSDALE, AZ 85251**

TUESDAY, AUGUST 1, 2023

CALL TO ORDER

The meeting of the Paths & Trails Subcommittee was called to order at 8:31 a.m. A formal roll call confirmed the presence of Subcommittee members as noted below.

ROLL CALL

PRESENT: Donald Anderson, Chair – Transportation Commission
Maryann McAllen, Commissioner – Parks and Recreation Commission
Kent Lall, Commissioner – Transportation Commission
William Levie, Subcommittee Member

ABSENT: Kyle Davis, Subcommittee Member

STAFF: Nathan Domme, Transportation Planning Manager
Susan Conklu, Senior Transportation Planner
Greg Davies, Senior Transportation Planner
Kyle Lofgren, Staff Coordinator
Mark Melnychenko, Transportation & Streets Director

PUBLIC COMMENT

Sonnie Kirtley, Coalition of Greater Scottsdale, stated that over the past couple of years, the Coalition has received a number of public comments regarding preserving and protecting

Scottsdale's equestrian trails, particularly in rural areas. Issues of concern include sign removal, installation of barbed wire and new home construction elements that include concrete installation over trail areas. She requested that the Subcommittee assist with code enforcement and public education. Chair Anderson thanked Ms. Kirtley for her comments and noted that the Subcommittee, in conjunction with the Transportation Commission, does have an active education program for paths and trails.

1. APPROVAL OF MEETING MINUTES

Chair Anderson called for modifications and approval of the minutes.

COMMISSIONER MCALLEN MOVED TO APPROVE THE MINUTES OF THE JUNE 6, 2023 MEETING AS PRESENTED. SUBCOMMITTEE MEMBER DAVIS SECONDED THE MOTION, WHICH CARRIED 4-0 WITH CHAIR ANDERSON, COMMISSIONER MCALLEN, COMMISSIONER LALL AND SUBCOMMITTEE MEMBER LEVIE VOTING IN THE AFFIRMATIVE WITH NO DISSENTING VOTES.

2. BICYCLE FRIENDLY COMMUNITIES APPLICATION UPDATE

Susan Conklu, Senior Transportation Manager, provided a brief update on Scottsdale's history of participation with the Bicycle Friendly Community (BFC) program, which recognizes municipalities that actively support cycling and encourage residents to use bicycles for transportation and recreation.

Cities are evaluated on the program five, "E's," which include:

- Engineering
- Education
- Encouragement/events
- Equity
- Evaluation and planning

The League of American Bicyclists (LAB) provides awards in the following categories: Gold, Silver, Bronze and honorable mentions. Status is designated every four years. Scottsdale was awarded Silver level in 2005 and was the first community without a university or college to reach this level. Scottsdale achieved Silver again in 2007. Scottsdale reached Gold level in 2011, 2015 and 2019.

An update on the City's progress was provided:

- 2022 Transportation Action Plan Bikeway Element
 - Goal B-06 Achieve a Platinum-level Bicycle Friendly Community certification from LAB
 - Policy B-02, B-03, B-04, B-06, B-07
 - Performance Measure B-04, B-05, B-06, B-08
- June 2022:
 - Webinars from the League of American Bicyclists on the new questions
 - Teams meeting with colleagues from the Platinum level communities of Boulder and Fort Collins, Colorado to gain important knowledge on their programs
- Fall 2022 the new application was released, with new questions and sections

- Strong focus on Equity
- Transportation Commission update on March 16, 2023
- Paths & Trails Subcommittee on April 4, 2023
- Paths & Trails Subcommittee on June 6, 2023
- Staff have been drafting the application and asking for feedback
 - Paths & Trails Subcommittee
 - Traffic Engineering, Police, Fire, Planning, Preserve
 - Other stakeholders
 - Tempe Bicycle Action Group
 - Coalition of Arizona Bicyclists
- Online public questionnaire July – August 2023

An update of the specific application areas was provided:

Engineering

- Summary of questions
 - Policies and design standards for the built environment
- Strengths
 - Complete Streets Policy
 - Design Standards and Policies Manual
 - Mileage of existing and planned bikeway network
 - Bike racks
 - Maintenance: Paving, striping, sweeping, surface repairs

In response to a question from Subcommittee Member Levie, Ms. Conklu confirmed that the City's Transportation Action Plan includes the goal of achieving Platinum level. The City continually assesses opportunities towards this goal.

In response to a question from Chair Anderson, Ms. Conklu stated that five communities have achieved Platinum status: Portland, Oregon; UC Davis, Boulder, Fort Collins and Madison, Wisconsin.

Education

- Summary of questions
 - Youth bike education, adult education, motorist education, bike safety resources, inclusive education
- Strengths
 - Youth education at schools – SRTS program includes classroom education and bike skills course; resources available now
 - Adult education opportunities – good models from Mesa and Valley Metro
 - Resources: Maps, webpage, safety handouts from Valley Metro (Bicycle Commuting 101 pocket guides – bilingual)

Commissioner McAllen referenced all the new events occurring at the Civic Center and through Parks and Recreation and suggested the possibility of an information table to assist in education and outreach. Subcommittee Member Levie suggested that the City trail maps show locations of bike parking racks.

Encouragement

- Summary of questions

- Policies, programs, groups that promote bicycling, social or recreational cycling clubs & groups, route maps & apps, bike events, youth cycling programs, access to equipment & repair services
- Strengths
 - Maricopa County Travel Reduction Program
 - Guaranteed Ride Home Program
 - Groups that promote bicycling; Experience Scottsdale, Chamber of Commerce, Cycling clubs & groups
 - Events – Cycle the Arts, Bike to Work Day, Ride to Read

Chair Anderson asked for detail on the Guaranteed Ride Program. Ms. Conklu stated that the program is operated through Valley Metro as part of the Travel Reduction Program. For those who participate van pools and have an emergency requiring immediate transportation, the program covers these trips via Ride Shares or taxis. A similar program is available for those who regularly bus to work.

Evaluation and planning

- Summary of questions
 - City staffing, committees, League Cycling Instructors (LCI), professional memberships, bicycle conferences, public engagement, master plan, funding, implementation, performance measures, ridership/ counts, safety data
- Strengths
 - Number of city staff working on bicycling
 - Transportation Action Plan/ implementation
 - Budget: Funding
 - Safe Streets for All funded Street Safety Plan
 - Blue Zones Assessment and Project
 - 2020 Bicycle and Pedestrian Collision Report
 - Path counters & other ridership data

Equity and Accessibility (new section)

- Summary of questions
 - There are questions related to improving equity & accessibility in all the E sections as well as this new dedicated section.
 - Equity & accessibility staffing, committees, partnerships
- Strengths
 - City staff: Office of Diversity & Inclusion, Citizen Service, Risk Management
 - Human Relations Commission
 - Demographics in planning and prioritization
 - New 77th Street Multiuse Path Project
 - Equity related action plans: Sustainability Plan, ADA Transition Plan, Blue Zones, Bloomberg Philanthropies What Works Cities Gold Certification

Final Overview

- Summary of questions
 - Top three reasons Scottsdale has made bicycling a priority?
 - Most positive outcome of Scottsdale's support for bicycling?
 - How does the local government promote the benefits of bicycling?
 - Scottsdale's greatest achievements in the last 12 months to become more bicycle-friendly?

- What could be done differently to make bicycling safer, more enjoyable and/ or more convenient?
 - Greatest challenges or barriers the community faces in taking these actions?
- Bicycle-related improvements planned in the next 12 months?

Commissioner McAllen commented that the Police Department is bringing on three park rangers, who will serve as bicycle police in the parks.

Supplemental Materials

- Up to 10 attachments
 - Photo slideshow of facilities and events
 - Path counts data and bicyclist boardings on buses
 - Map of CIP Projects
 - Map of existing and planned active transportation network
 - Results of online public questionnaire
- Up to 5 weblinks/ URLs that were not already included with a specific question
 - Transportation Action Plan
 - Old Town Bicycle Master Plan
 - 2020 Bicycle and Pedestrian Collision Report

In response to a question from Chair Anderson, Mark Melnychenko, Transportation & Streets Director, stated that the bicycle and pedestrian accident reports are generated every two years.

Next steps include:

- Staff will continue revising the application based on feedback
- Scottsdale's next Bicycle Friendly Community Application will be due by August 30, 2023
- Preparation will include input from the public, Paths and Trails Subcommittee, and Transportation Commission
- Awards will be announced in December 2023
- Starting in 2024, there will be one application deadline per year instead of two, at the end of June

CHAIR ANDERSON MOVED TO RECOMMEND APPROVAL OF THE APPLICATION AND APPROVAL TO MOVE FORWARD IN THE SUBMITTAL PROCESS. COMMISSIONER MCALLEN SECONDED THE MOTION, WHICH CARRIED 4-0 WITH CHAIR ANDERSON, COMMISSIONER MCALLEN, COMMISSIONER LALL AND SUBCOMMITTEE MEMBER LEVIE VOTING IN THE AFFIRMATIVE WITH NO DISSENTING VOTES.

3. CIP UPDATE

Nathan Domme, Transportation Planning Manager, stated that CIP projects have a monetary value of at least \$50,000 and have a life of five years or more. CIPs result in the creation of a capital asset or the revitalization of an existing capital asset.

A list of current Transportation CIP Projects was reviewed:

- 17 locally funded projects
 - Miscellaneous projects from various needs and resident requests

- 22 Arterial Life Cycle Program (ALCP) projects
 - Regional Connections
 - Roadway Widening Project
- 6 Federal projects
 - Thomas Road
 - 68th Street
 - Chaparral Underpass
 - Goldwater Underpass
 - 77th Emergency Connection
 - CAP Multiuse Path
 - PM-10 Dirt Road Paving
- Average \$32 million in improvements per year
- Per the Complete Streets Policy, all roadway projects include bike and pedestrian improvements

A review of the CIP timeline was provided.

New projects for Fiscal Year 20/24 were reviewed:

- Alma School Road: Jomax Road to Quail Track Drive
- Doubletree Ranch Road Bridge Repair
- Indian Bend Wash Path Renovation: Phase II
- 68th Street Sidewalk: Arizona Canal to Camelback Road
- Pima Road: Chaparral Road to Thomas Road (ALCP)
- Pima Jomax to Dynamite (ALCP)
- Pima Road: Las Piedras to Stagecoach Pass (ALCP)

Ongoing considerations include inflation impacts on cost of materials and equipment, labor shortages, supply chain constraints and recession risks.

Chair Anderson commented that the 0.1 percent sale tax is coming up for renewal. Mr. Domme clarified that this 2019 tax expires in 2029. Greg Davies, Senior Transportation Planner, added that Prop 400 funding expires in 2025. The legislature has reconvened and are currently considering Prop 400E, which would extend funding, if approved.

4. OTHER TRANSPORTATION PROJECTS AND PROGRAM STATUS

An update on various projects and program status was provided:

- Project completions and improvements
 - 68th Street Complete Street: 60 percent complete
 - 124th and Shea Underpass: 40 percent complete
 - New RRFB at Miller and Earl
- Repaving/restriping fall schedule
 - Shea to Via Linda, Frank Lloyd Wright to Canal: Public outreach on installing bike lanes on Sahuaro
 - Improved or new bike lanes
 - 100th Street from Paradise lane to Bell Road
 - Cave Creek Road: Lone Mountain Pkwy to Old Mine Road

- 108th Street: Via Linda to Cactus Road
 - Sweetwater: 100th Street to Frank Lloyd Wright
 - Turquoise Avenue: 100th Street to Mountain View Road
 - Eagle Ridge Drive: City Boundary and Palisades Boulevard
 - Scottsdale Road: Frank Lloyd Wright intersection to north of Loop 101
- ADA Transition Plan
- Design of intersection improvements in Area 2
 - Marshall Way at Fashion Square Intersection
 - High volume pedestrian intersection
 - Improve with bump-out and ADA ramps
 - Crosswalks

In response to a question from Chair Anderson, Mr. Domme stated that an average cost for ADA ramp installation is from \$2,500 to \$10,000.

- Trail Maintenance Program Update: Pilot Program
- 19 residential locations identified for Pilot Program
 - Residents will receive letter, map and survey
 - Residents will be given approximately a month to address issue
 - Process feedback from survey
 - Onsite visits if requested by property owners
 - Educate residents on City Ordinance 47-47 ROW Maintenance
 - Initiate Pilot Program Fall 2023 (delayed due to excessive heat)

Commissioner McAllen stressed the importance of informing residents of trail maintenance responsibilities at the time of building permit application. Mr. Davies added that the City needs to also do a better job with internal communication in this regard.

5. SUBCOMMITTEE IDENTIFICATION OF FUTURE AGENDA ITEMS

The following topics were identified for future agenda items:

- ALCP update
- Central Arizona Project Canal Trail overview
- Paths and trails gap analysis

6. ADJOURNMENT

With no further business to discuss, being duly moved by Subcommittee Member Levie and seconded by Commissioner McAllen, the meeting adjourned at 10:57 a.m.

AYES: Chair Anderson, Commissioner McAllen, Subcommittee Member Levie, Commissioner Lall

NAYS: None

SUBMITTED BY:

eScribers, LLC

SCOTTSDALE PATHS & TRAILS SUBCOMMITTEE REPORT

To: Paths & Trails Subcommittee
From: Susan Conklu, Senior Transportation Planner
Subject: Bicycle and Related Devices Ordinance
Meeting Date: October 3, 2023



ITEM IN BRIEF

Action:

Presentation and Discussion

Background:

Dockless sharing companies have been operating in Scottsdale since Fall 2017. On November 13, 2018, City Council adopted Ordinance 4372 amending the Scottsdale Revised Code relating to bicycles and related devices, including electric bicycles and scooters. The updated ordinance took effect December 13, 2018. The City Manager was directed to share a full report following the end of the tourism season. This report and the ordinance are available on the city's website: go to ScottsdaleAZ.gov and search "scooters."

In fall 2020 oversight of the proposed regulations shifted from the City Manager's Office to the Transportation and Streets Department.

Transportation staff presented an update at the January 19, 2021, City Council meeting, including proposed changes to the bicycle and related devices ordinance.

Notable changes included:

- Restrictions to hours of operation
- Minimum age, prohibiting riding on sidewalks within the Transportation Safety Zone
- Limiting parking of devices to bike racks and designated parking areas only, and
- Imposing fees for licensing, relocation, and impoundment of devices.

Comments from Mayor Ortega and City Council members included:

- Concerns about the proposed sidewalk restrictions in the Transportation Safety Zone
- Parking restrictions
- Hours of operation for rental devices, and
- Minimum age restrictions.

City Council directed staff to revise the proposed regulations and return in the future.

Transportation staff presented an update to the Transportation Commission on September 16, 2021. There was discussion about violations and enforcement. No action was taken.

Transportation staff provided an update to the Paths & Trails Subcommittee on October 5, 2021. Discussion included anticipated future volumes, challenges on parking devices in bike racks, fees, speed limits on roads in Old Town and sharing companies' operating hours. No action was taken.

Transportation staff provided an update to the Paths & Trails Subcommittee on February 7, 2023 and Transportation Commission February 16, 2023. This updated included several short, mid-term and long-term actions Transportation staff were developing regarding scooters, electric bicycles and scooters.

Update:

Staff have been meeting with device sharing companies and coordinating by email, evaluating operations, tracking Scottsdale EZ requests and listening to public feedback. Staff also meet monthly with other cities in the region and Arizona State University to share information and discuss operations. There are currently three device sharing companies operating in Scottsdale: Bird, Spin and Fly. Both Lime and Boaz paused operations in Scottsdale over the summer.

In 2023, staff developed several short and mid-term actions regarding scooters.

Website and Restricted Areas – (Short-term) COMPLETED

In early January the [website](#) was updated to educate the public on the scooter and bicycle regulations. Transportation staff continue to meet monthly with several companies and coordinate through email. Staff recently updated the Restricted Areas Map for parking, staging, and riding. This includes expanded areas around the Entertainment District, HonorHealth campus and new slow zones at Fashion Square Mall. It also includes the information kiosks in Old Town. The updated file was added to the Open Data Portal, so companies can access the Restricted Areas data for geofencing their operations. Transportation and police staff implemented temporary restrictions during the Special Events “Super Season” with minimal issues. We can make these types of changes at any time without City Council action.

Dashboard – (Mid-term) COMPLETED

IT staff developed a device dashboard for city staff in winter 2023. This dashboard shows the locations of all rental scooters and e-bikes in real time. It differentiates between each company and device type, show all devices that are out of compliance (72-hour maximum parking, groupings of more than 5 devices within 200-feet, any within Restricted Areas). The dashboard can send automatic notifications on all these violations through Scottsdale EZ. This will greatly aid staff in evaluating the performance of each company and assist PD with more tools for citing the companies.

Public Outreach (Mid-term) IN PROGRESS

Staff are developing additional strategies to remind the public about proper riding and parking of devices. This includes people riding their own electric bicycles and scooters. These will be promoted on the city’s website, Scottsdale Update and social media in October/ November 2023.

Ordinance Update (Long-term) IN PROGRESS

Staff will reach out to Legal to consider code updates based on ongoing or past feedback:

- Minor language updates to match the State of Arizona
- Sidewalk riding restrictions in Old Town
- Requiring parking in bike racks or designated areas
- Draft Shared Mobility Device Provider Licensing Ordinance

Next Steps:

Currently, IT staff are ready to test the automatic Scottsdale EZ notifications from the dashboard, then they will launch the automatic notifications.

Staff will continue to monitor and evaluate the program. Transportation staff have communicated the continuing concerns with each of the vendors as well as the actions we have been working on. If necessary, staff will propose revised changes to the ordinance and return to the Paths & Trails Subcommittee and Transportation Commission prior to seeking City Council action.

Paths & Trails Subcommittee Meeting
October 3, 2023
Bicycle and Related Devices Ordinance
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Staff Contacts:

Susan Conklu, 480-312-2308, SConklu@ScottsdaleAZ.gov

Electric Bicycles, Scooters and Similar Devices

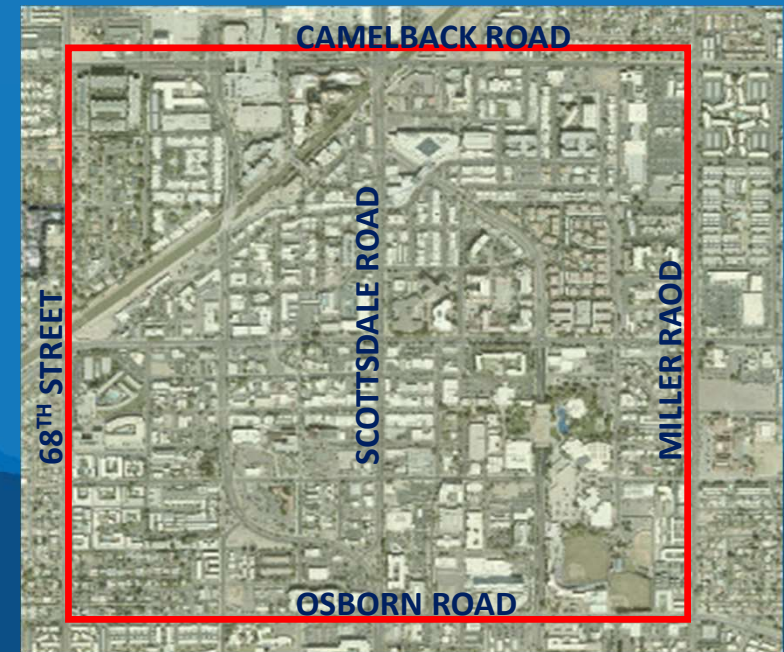
**Paths & Trails Subcommittee
October 3, 2023**

Background

- Devices
- Regulations
- Staff team developed the regulations and coordinated with companies
- Data Report
- Report problems on ScottsdaleEZ

January 19, 2021 City Council Update

- Proposed regulations:
 - Prohibit riding on sidewalks in Transportation Safety Zone
 - Usage times
 - Parking of devices
 - Permission of underage users
 - Fees



Number of Devices Allowed	Licensing Fee	Application Fee	Total Cost
Up to 100	\$9,000	\$1,000	\$10,000
101 – 500	\$49,000	\$1,000	\$50,000
501 – 1000	\$99,000	\$1,000	\$100,000

Comments from Mayor Ortega and City Councilmembers

- Concerns about restrictions in the Transportation Safety Zone
- Parking restrictions
- Hours of operation for rental devices
- Minimum age restrictions
- Council directed staff to revise proposed regulations and return in future

Update

- 2021 Transportation Commission and Paths & Trails Subcommittee update
- Regular meetings with device sharing companies and coordinating by email
- Evaluating operations and Scottsdale EZ requests
- Listening to public feedback
- Monthly meeting with cities in region and Arizona State University
- Three companies operate in Scottsdale, two have plans to return
- Paths & Trails Subcommittee update February 7, 2023
- Transportation Commission update February 16, 2023

Short-term Steps - **Completed**

- Website updated to educate the public on regulations
- Monthly meetings with companies and regular email communications
- Restricted Areas Map revised
- Temporary restrictions during “Super Season”
- Work with PD staff and the companies

Mid-term Steps **In Progress**

Device dashboard for city staff

- Show locations of rental e-bikes and scooters in real time, by company and device type — Complete
- Devices that are out of compliance — Complete
- Automatic notifications through Scottsdale EZ — In Progress

Public Outreach strategies — In Progress

Long-term Steps **In Progress**

Work with city attorneys on code updates

- Minor language updates to match the State of Arizona
- Sidewalk riding restrictions in Old Town
- Requiring parking in bike racks or designated areas
- Draft Shared Mobility Device Provider Licensing Ordinance

Next Steps

- Continue to monitor and evaluate the program
- Regularly meet and correspond with companies and other city staff
- Take further action or make additional recommendations to the Paths & Trails Subcommittee, Transportation Commission and City Council as needed

Discussion

SCOTTSDALE TRANSPORTATION COMMISSION REPORT



To: Paths and Trails Subcommittee
From: Nathan Domme, Transportation Planning Manager
Subject: Neighborhood Bikeways Prioritization
Meeting Date: October 3, 2023

ITEM IN BRIEF

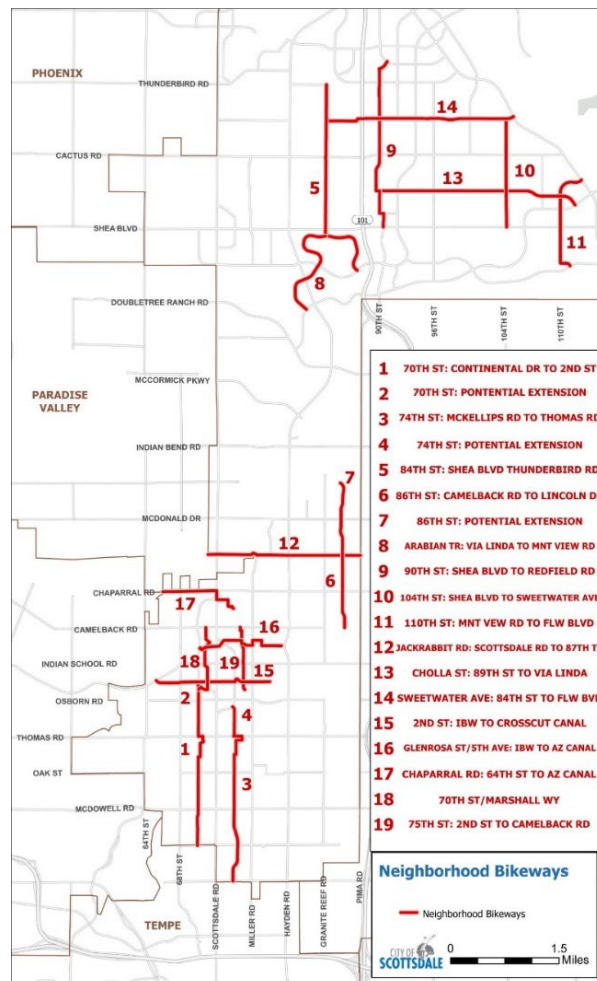
Action: Discussion, Comment, Action

Purpose:

Review and discuss the draft Neighborhood Bikeway Prioritization Ranking Results and Implementation Steps. A formal approval of use will be requested.

Background:

City Council approved and adopted the 2022 Transportation Action Plan (TAP) on April 26, 2022. The Bikeway element of the TAP identifies nineteen Neighborhood Bikeways for future implementation throughout the city (see map below). Neighborhood Bikeways are typically found on streets with traffic volumes under 2,000 vehicles per day (VPD) and residential speeds (25 miles per hour or less). They often contain connections that can only be made by cyclists or pedestrians. To assist in the implementation of the Neighborhood Bikeway Network, a proposed list of prioritization criteria, based on five key factors, was developed by staff and presented to transportation commission and paths and trails subcommittee in Fall 2022. Staff finalized a review and are presenting the results of the prioritization.



Criteria:

Each of the criterion is weighted based on its importance for determining benefits to the corridor. The draft scoresheet is provided as Attachment 1, and a summary of five key factors is provided below.

Engineering Considerations

- Focus on existing conditions that can influence how easily bikeway improvements can be installed. Criteria include pavement width and condition, on-street parking, and existing ADA compliance along the corridor.

Safety Considerations

- Focus on existing conditions that contribute towards a comfortable ride for the users. Criteria include existing traffic calming measures, posted speed limit, nonmotorized connections, and major intersection crossings.

Connectivity Considerations

- Focus on the bikeway’s ability to expand the user’s access to key locations throughout Scottsdale. Important destinations include schools (public or private), parks, community and neighborhood centers, libraries, sports complexes, churches, commercial areas, government buildings, medical facilities, and retirement homes. Proximity to high-importance corridors and connections to existing bike facilities and transit routes are also considered.

Equity Considerations

- Focus on ensuring key groups of our community are given special consideration. The criteria in this category include poverty levels and population percentages of residents under 18 and over 65 years of age.

Demand Considerations

- Focus on the potential for user access to three high activity areas in Scottsdale: The Old Town area, the Scottsdale Airpark, and the Shea Boulevard/Loop 101 vicinity. These areas are all unique resources that create great employment demand and activity.

Using the criteria and point values contained in the five factors, staff was able to develop a ranked list for the approved bikeway corridors.

Results:

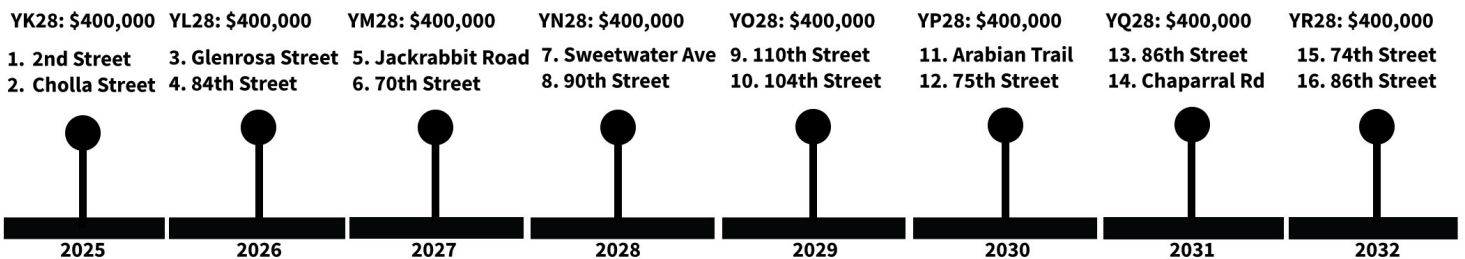
the Results of the scoring showed that 2nd St and Cholla St are the two neighborhood bikeways with the highest priority. The city of Scottsdale was awarded a Design Assistance Grant from MAG for 2nd Streets’s western side. Staff will start design for Cholla as well and work towards implementation of the bikeways by 2025. Below are the scores for each 16 Bikeways.

Neighborhood Bikeways	Total Score (out of)	Rankings
2nd St: Indian Bend Wash to Crosscut Canal	46	1
Cholla St: 89th St to Via Linda	45	2
Glenrosa St/5th Ave: Indian Bend Wash to AZ Canal	39	3
84th St: Shea Blvd to Thunderbird Rd	36	4
Jackrabbit Rd: Scottsdale Rd to 87th Tr	35	5
70th St/Marshall Way	34	6

Sweetwater Ave: 84th St to Frank Lloyd Wright Blvd	32	7
90th St: Shea Blvd to Redfield Rd	29	8
110th St: Mountain View Rd to Frank Lloyd Wright Blvd	28	9
104th St: Shea Blvd to Sweetwater Ave	28	10
Arabian Tr: Via Linda to Mountain View Rd	27	11
75th St: 2nd St to Camelback Rd	26	12
86th St: Camelback Rd to Lincoln Dr	25	13
Chaparral Rd: 64th St to AZ Canal	24	14
74th St: McKellips Rd to Thomas Rd	23	15
70th St: Continental Dr to 2nd St	23	16

Continuing Steps:

The next steps are to implement improvements to the neighborhood bikeways in order of the priority. Below shows a timeline for implementation. Using YK-R28 funding sources, staff will design and install improvements as needed to the bikeways. The stages will be to complete 2 bikeway every year until 2032 (the end of the Transportation Action Plan. TH04 and TK03 are funding sources for buffered bike lanes and can be use if buffered bike lanes are used along the bikeways.



TH04: Buffered Bike Lane Installation: \$920,269
 TK03: Buffered Bike Lanes Phase II: \$1,200,000

Attachments:

- [Attachment 1](#): Neighborhood Bikeway Prioritization Scoresheet
- [Attachment 2](#): Scoring Table

Staff Contact: Nathan Domme, 480-312-2732, ndomme@scottsdaleaz.gov

	Engineering Considerations					Safety Consideration				Connectivity Considerations					Equity Considerations			Demand Considerations				
Neighborhood Bikeways	Pavement Width ≥ 34'	Corridor is identified in a General Fund or Bond project	On the 5-year pavement plan	Current on-street parking	Increased ADA	Traffic calming control measures	Speed Limit	Number of Major Crossings (4 lanes roads)	Nonmotorized connections – ability to travel by foot or bike only	Connection to Bike System	Connection to Regional Bike Network	Key Destinations Tier 1	Key Destinations Tier 2	Key Destinations Tier 3	Total Percentage 18 and Under	Total Percentage 65 and Over	Total Percentage Below Poverty	Access to Old Town	Access to Airpark	Access to Shea/101	Total Score	Ranking
2nd St: Indian Bend Wash to Crosscut Canal	0	8	3	0	1	0	1	10	5	3	3	5	1	1	0	0	0	5	0	0	46	1
Cholla St: 89th St to Via Linda	1	0	3	1	1	2	0	14	5	3	3	5	0	1	3	3	0	0	0	0	45	2
Glenrosa St/5th Ave: Indian Bend Wash to AZ Canal	1	8	3	0	0	0	1	6	0	3	3	5	0	1	0	0	3	5	0	0	39	3
84th St: Shea Blvd to Thunderbird Rd	1	0	3	1	1	1	0	6	0	3	3	5	0	0	3	3	0	0	3	3	36	4
Jackrabbit Rd: Scottsdale Rd to 87th Tr	1	0	3	0	1	0	0	8	5	3	3	5	0	0	0	3	0	0	0	3	35	5
70th St/Marshall Way	0	0	3	0	0	2	1	6	5	3	3	5	0	1	0	0	0	5	0	0	34	6
Sweetwater Ave: 84th St to Frank Lloyd Wright Blvd	1	0	0	1	1	0	0	12	5	3	3	0	0	0	3	0	0	0	0	3	32	7
90th St: Shea Blvd to Redfield Rd	1	0	0	1	1	1	1	6	0	0	3	5	0	1	3	3	0	0	0	3	29	8
110th St: Mountain View Rd to Frank Lloyd Wright Blvd	1	0	0	1	1	0	0	8	0	3	3	5	0	0	3	3	0	0	0	0	28	9
104th St: Shea Blvd to Sweetwater Ave	1	0	0	1	1	4	0	6	0	3	3	0	0	0	3	3	0	0	0	3	28	10
Arabian Tr: Via Linda to Mountain View Rd	1	0	0	1	1	0	1	6	0	3	0	5	0	0	3	3	0	0	0	3	27	11
75th St: 2nd St to Camelback Rd	1	0	3	0	0	0	1	4	0	3	0	5	1	0	0	0	3	5	0	0	26	12
86th St: Camelback Rd to Lincoln Dr	1	0	3	0	1	2	1	8	0	0	0	5	0	1	3	0	0	0	0	0	25	13
Chaparral Rd: 64th St to AZ Canal	1	0	3	0	1	2	1	4	0	3	3	0	0	0	0	3	3	0	0	0	24	14
74th St: McKellips Rd to Thomas Rd	1	0	0	0	1	0		2	0	3	3	5	0	0	0	0	3	5	0	0	23	15
70th St: Continental Dr to 2nd St	1	0	3	0	1	0	0	2	0	0	0	5	0	0	3	0	3	5	0	0	23	16

Bikeway prioritization:

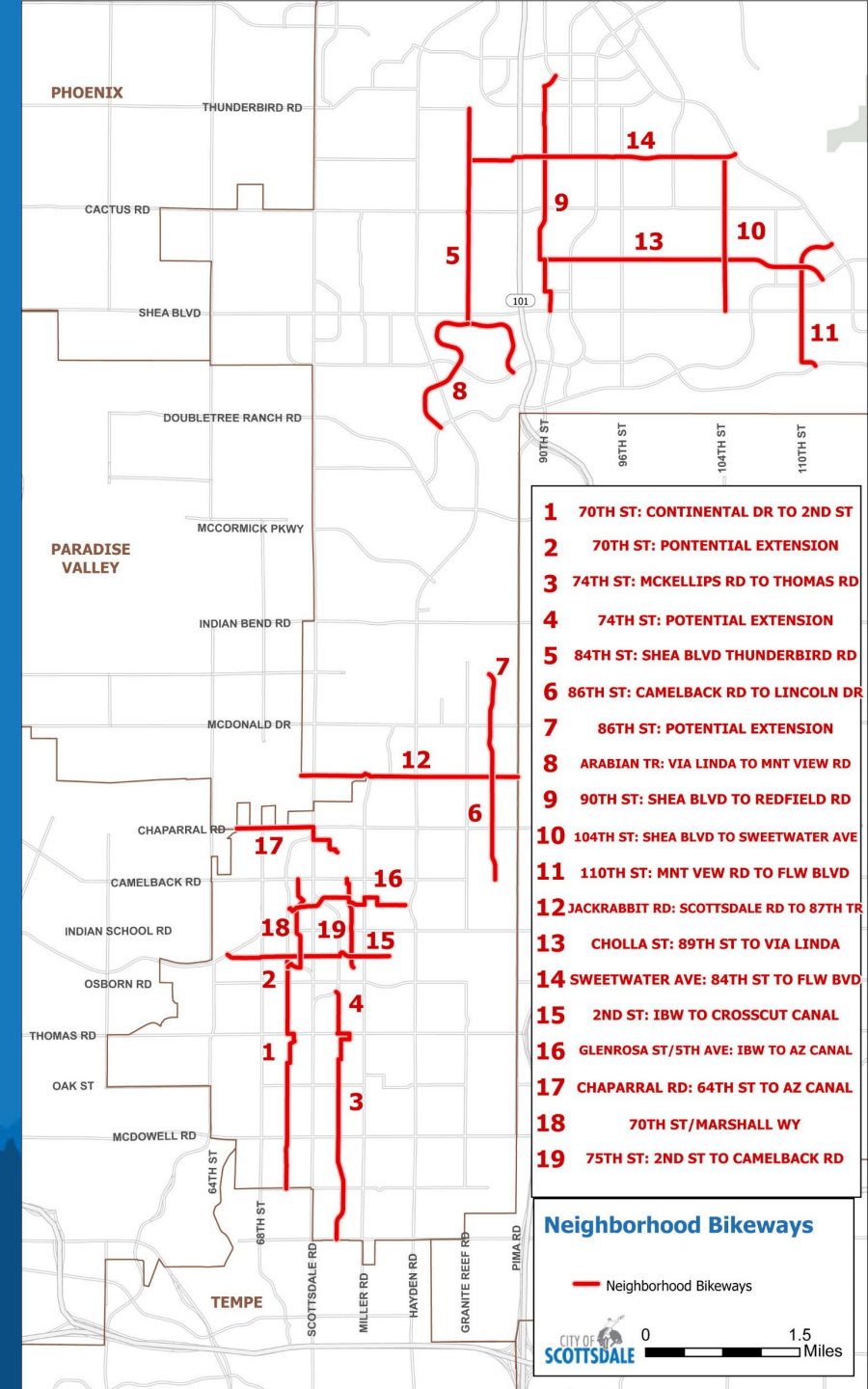
Engineering Considerations	
• Pavement Width ≥ 34'	1
• Corridor is identified in a General Fund or Bond project	8
• On the 5-year pavement plan	3
• No Current on-street parking	1
• Increased ADA Compliance (add at least 5 new ramps)	1
Safety Considerations	
• Traffic calming control measures (1 point per each device)	1 +
• Posted Speed Limit	
○ 25 mph	1
○ 30 mph	0
• Number of Major Crossings (4 lanes roads) (2 points per each location)	2 +
• Nonmotorized connections – ability to travel by foot or bike only	5 +
Connectivity Considerations	
• Connection to existing bicycle facilities and trails	3
• Connection to Regional Bike Network	3
• Connection to Key Destinations Including:	
○ Tier 1: Schools, Parks, Community and Rec Centers	5
○ Tier 2: Libraries, Sports Complexes, churches	1
○ Tier 3: Commercial Areas, Government Buildings, Medical Facilities, Retirement Homes	1
• Connection to a Transit Route (2 points for each connection)	2 +
• Parallel to high importance Corridor (0.5 miles or less)	1
Equity Considerations	
• Percent below Poverty Level	
○ Above average	3
○ Below average	0
• Percentage of People under 18	
○ Above average	3
○ Below average	0
• Percentage of People over 65	
○ Above average	3
○ Below average	0
Demand Considerations	
• Access to Employment Centers	
○ Old Town	5
○ Airpark	3
○ Shea/101	3

Neighborhood Bikeways Prioritization Results

Paths and Trails Subcommittee
October 3, 2023

Neighborhood Bikeway Locations and Key Goals in Prioritization

- 16 different Neighborhood Bikeways (three possible extensions)
- Prioritized based on 5 key goals:
 - Engineering Considerations
 - Safety
 - Connectivity
 - Equity
 - Demand



Engineering Considerations

• Pavement Width \geq 34'	1
• Corridor is identified in a General Fund or Bond project	8
• On the 5-year pavement plan	3
• No Current on-street parking	1
• Increased ADA Compliance (add at least 5 new ramps)	1

Safety Considerations

• Traffic calming control measures (1 point per each device)	1 +
• Posted Speed Limit	
○ 25 mph	1
○ 30 mph	0
• Number of Major Crossings (4 lanes roads) (2 points per each location)	2 +
• Nonmotorized connections – ability to travel by foot or bike only	5 +

Connectivity Considerations

• Connection to existing bicycle facilities and trails	3
• Connection to Regional Bike Network	3
• Connection to Key Destinations Including:	
○ Tier 1: Schools, Parks, Community and Rec Centers	5
○ Tier 2: Libraries, Sports Complexes, churches	1
○ Tier 3: Commercial Areas, Government Buildings, Medical Facilities, Retirement Homes	1
• Connection to a Transit Route (2 points for each connection)	2 +
• Parallel to high importance Corridor (0.5 miles or less)	1

Equity Considerations

• Percent below Poverty Level	
○ Above average	3
○ Below average	0
• Percentage of People under 18	
○ Above average	3
○ Below average	0
• Percentage of People over 65	
○ Above average	3
○ Below average	0

Demand Considerations

• Adjacent to Employment Centers	
○ Old Town	5
○ Airpark	3
○ Shea/101	3

Rankings from the Prioritization

Neighborhood Bikeways	Total Score (out of)	Rankings
2nd St: Indian Bend Wash to Crosscut Canal	46	1
Cholla St: 89th St to Via Linda	45	2
Glenrosa St/5th Ave: Indian Bend Wash to AZ Canal	39	3
84th St: Shea Blvd to Thunderbird Rd	36	4
Jackrabbit Rd: Scottsdale Rd to 87th Tr	35	5
70th St/Marshall Way	34	6
Sweetwater Ave: 84th St to Frank Lloyd Wright Blvd	32	7
90th St: Shea Blvd to Redfield Rd	29	8
110th St: Mountain View Rd to Frank Lloyd Wright Blvd	28	9
104th St: Shea Blvd to Sweetwater Ave	28	10
Arabian Tr: Via Linda to Mountain View Rd	27	11
75th St: 2nd St to Camelback Rd	26	12
86th St: Camelback Rd to Lincoln Dr	25	13
Chaparral Rd: 64th St to AZ Canal	24	14
74th St: McKellips Rd to Thomas Rd	23	15
70th St: Continental Dr to 2nd St	23	16
86th St: Potential Extension (Lincoln Dr to 82nd)	10	17
70th St: Potential Extension	9	18
74th St: Potential Extension (Thomas Rd to Drinkwater)	5	19

2nd St: Indian Bend Wash to Crosscut Canal

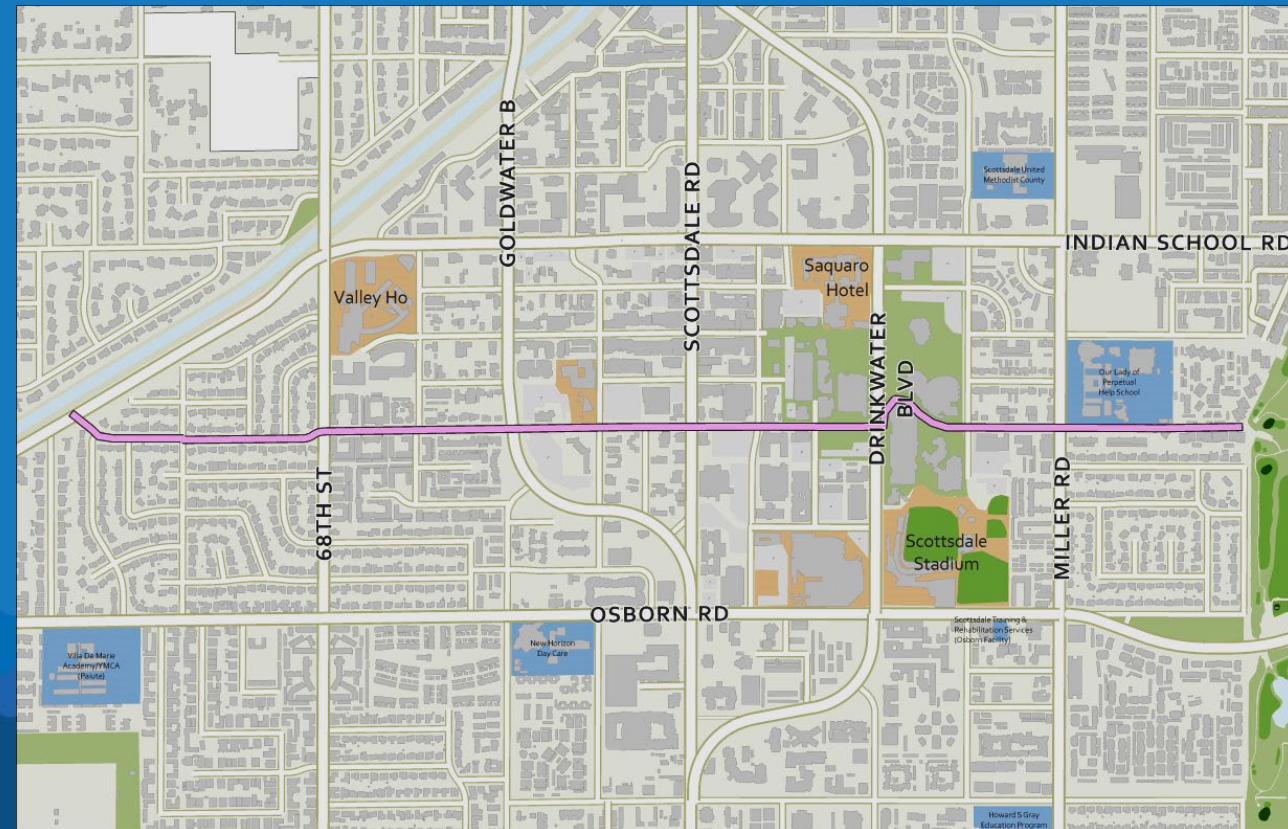
Ranked 1st

• Key Features

- Identified in General Fund/Bond project
- Access to employment centers
 - Old Town Area
- Connection between Canal and IBW
- Nonmotorized Access Point at Civic Center
- Access to School
- Adequate traffic control measures
 - New RRFB at 68th Street

• Next Steps:

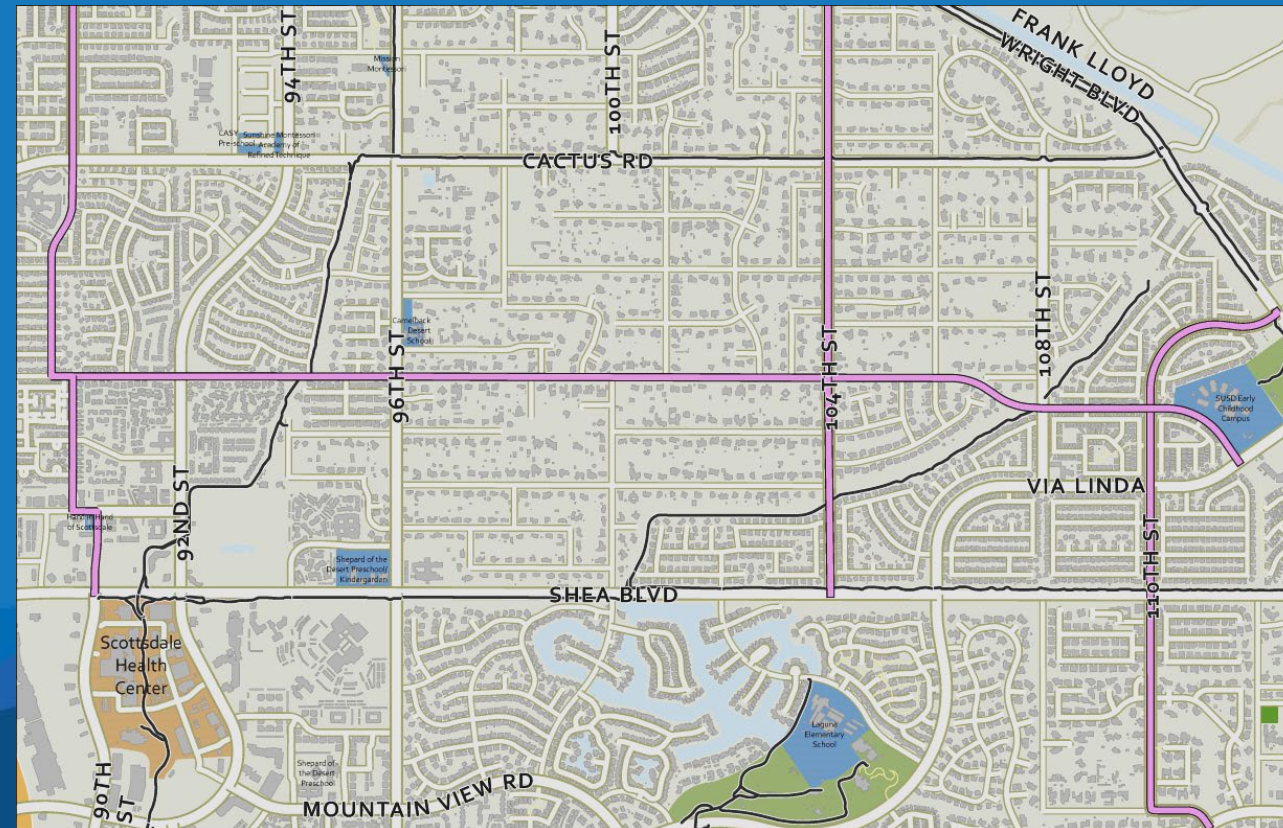
- MAG Design Assistance Awarded
- Street Improvements 2025



Cholla St: 89th St to Via Linda

Ranked 2nd

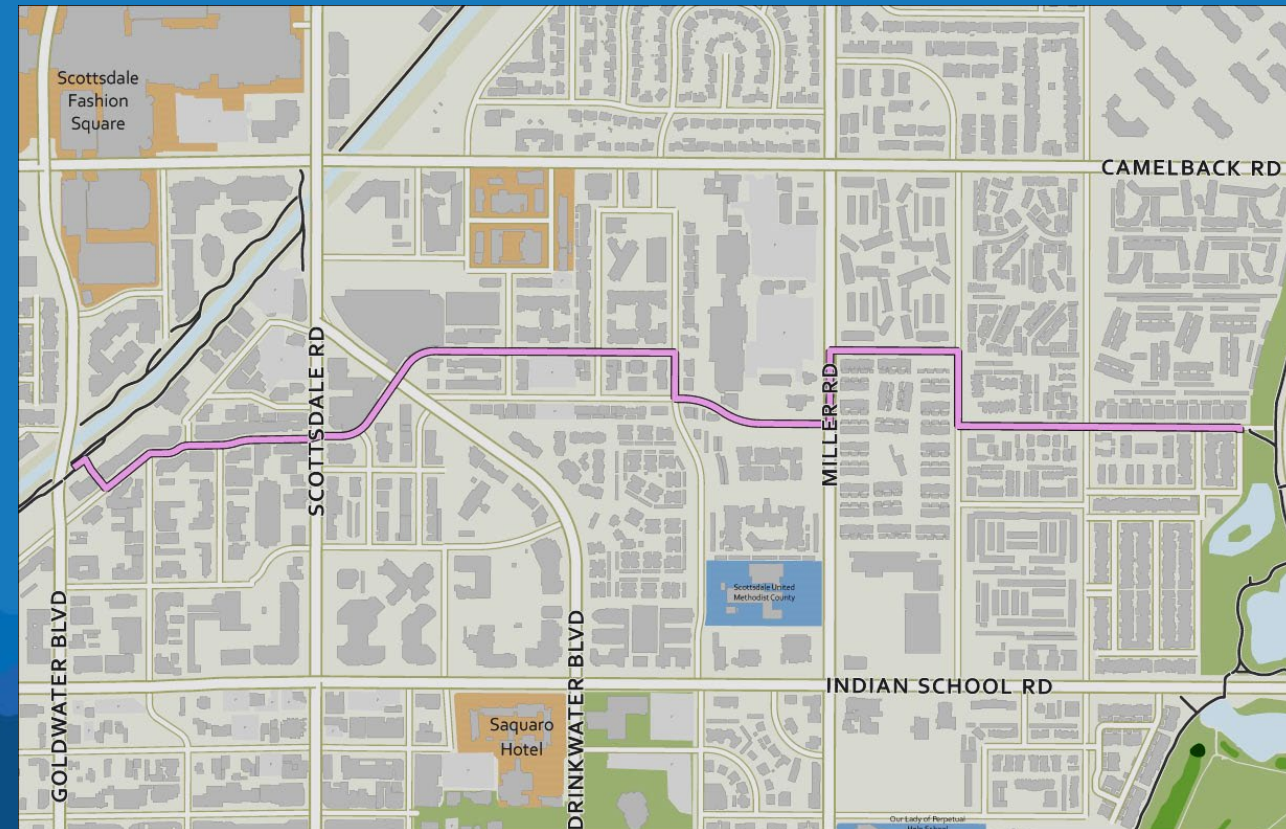
- Key Features
 - Connection to Schools
 - Nonmotorized Access Point between 101 and 102nd St.
 - Most Major Crossings
 - Connections to multiple Parks
 - Connections to multiple Multi-use Paths
 - Adequate traffic control measures
 - Higher than average 65 and over
 - Higher than average 18 and under
- Next Steps:
 - Start Evaluation and Design
 - Street Improvements 2025



Glenrosa St/5th Ave: Indian Bend Wash to AZ Canal

Ranked 3rd

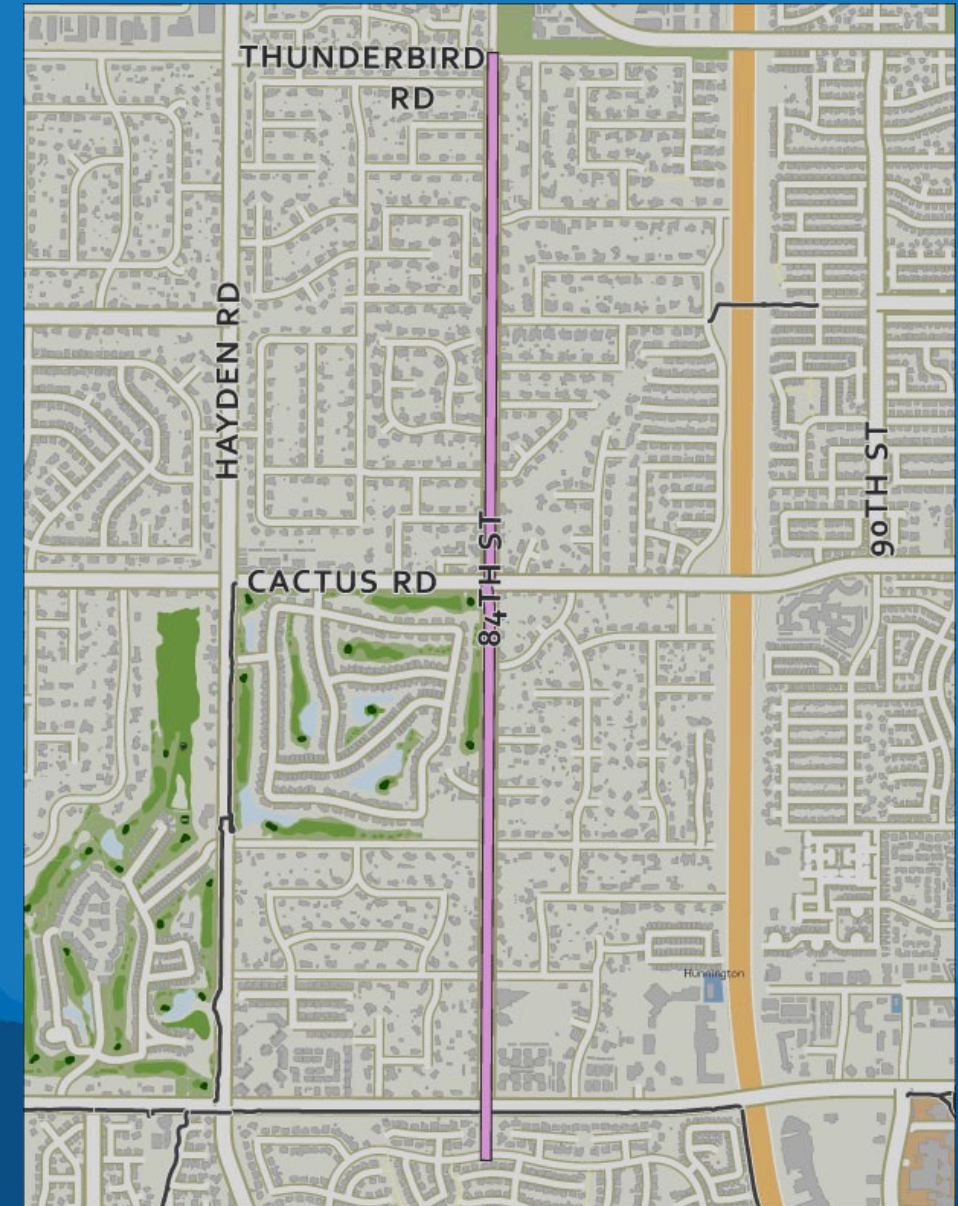
- Key Features
 - Identified in General Fund/Bond project
 - Access to entertainment district and Indian School Park
 - Proximity to Perform to Learn Preschool
 - Higher than average Poverty Level
 - Speed limit 25/35



84th St: Shea Blvd to Thunderbird Rd

Ranked 4th

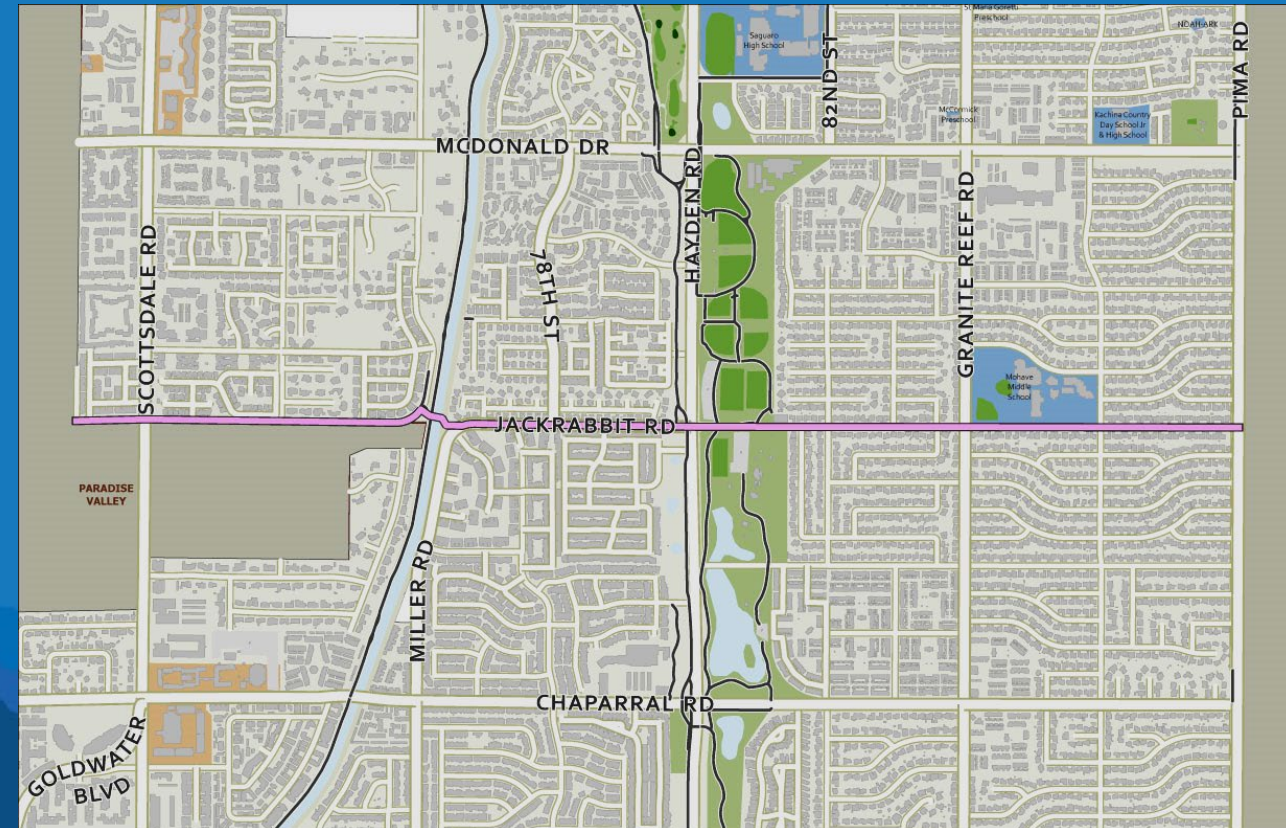
- Key Features
 - Access to employment centers
 - Shea/101
 - Airpark
 - Connections to Shea multi use path, and Northsight Park
 - Connections to Sweetwater Bikeway and the Ped Overpass over Loop 101
 - Only Bikeway with Access to the Airpark
 - Higher than average 65 and over
 - Higher than average 18 and under



Jackrabbit Rd: Scottsdale Rd to 87th Trail

Ranked 5th

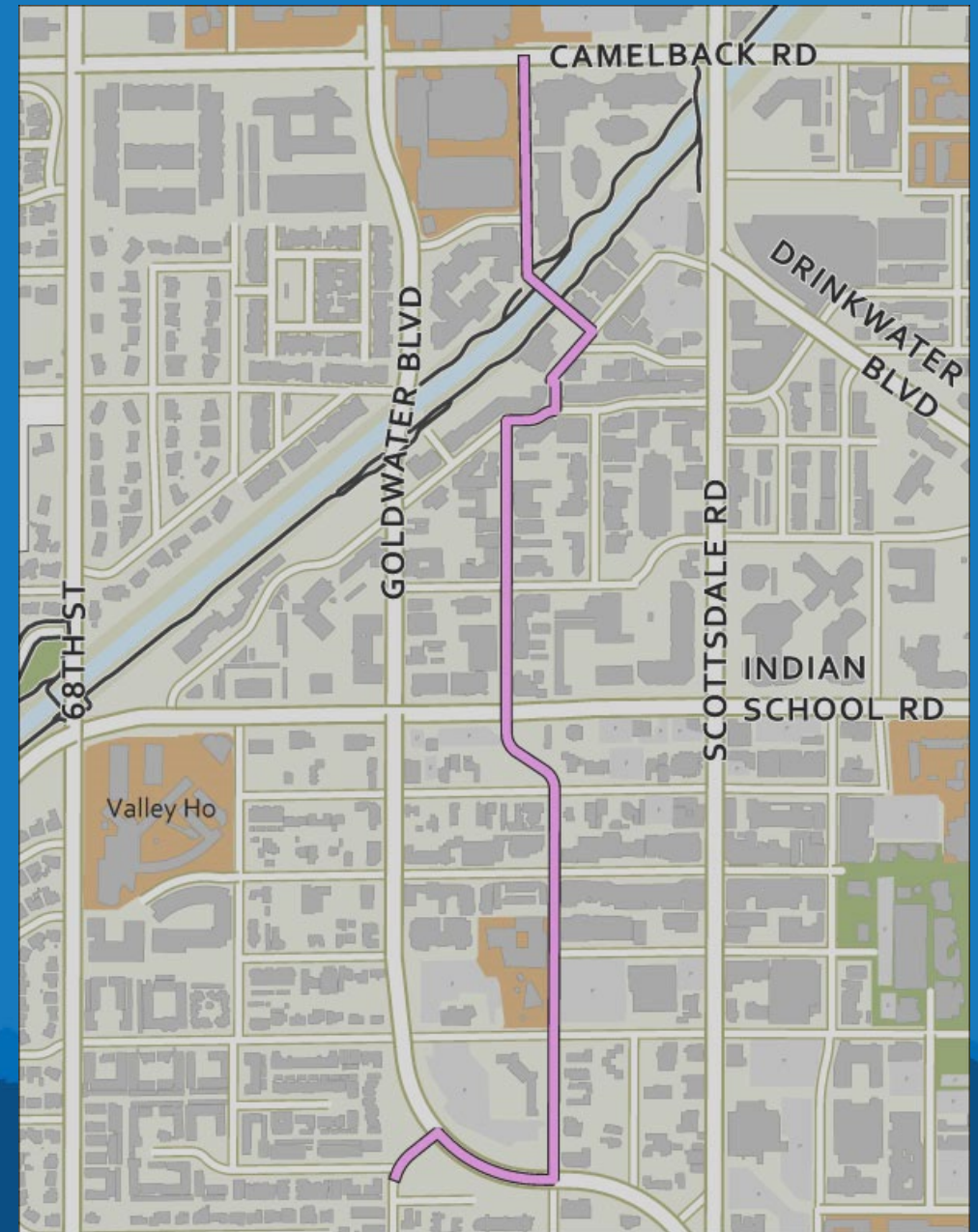
- Key Features
 - Nonmotorized Access Point at Canal Path
 - Access to Canal Path system and IBW
 - Access to Pima Path System
 - Connections to Chaparral Park
 - Access to Mohave Middle School
 - Speed limit 30



70th St/Marshall Way

Ranked 6th

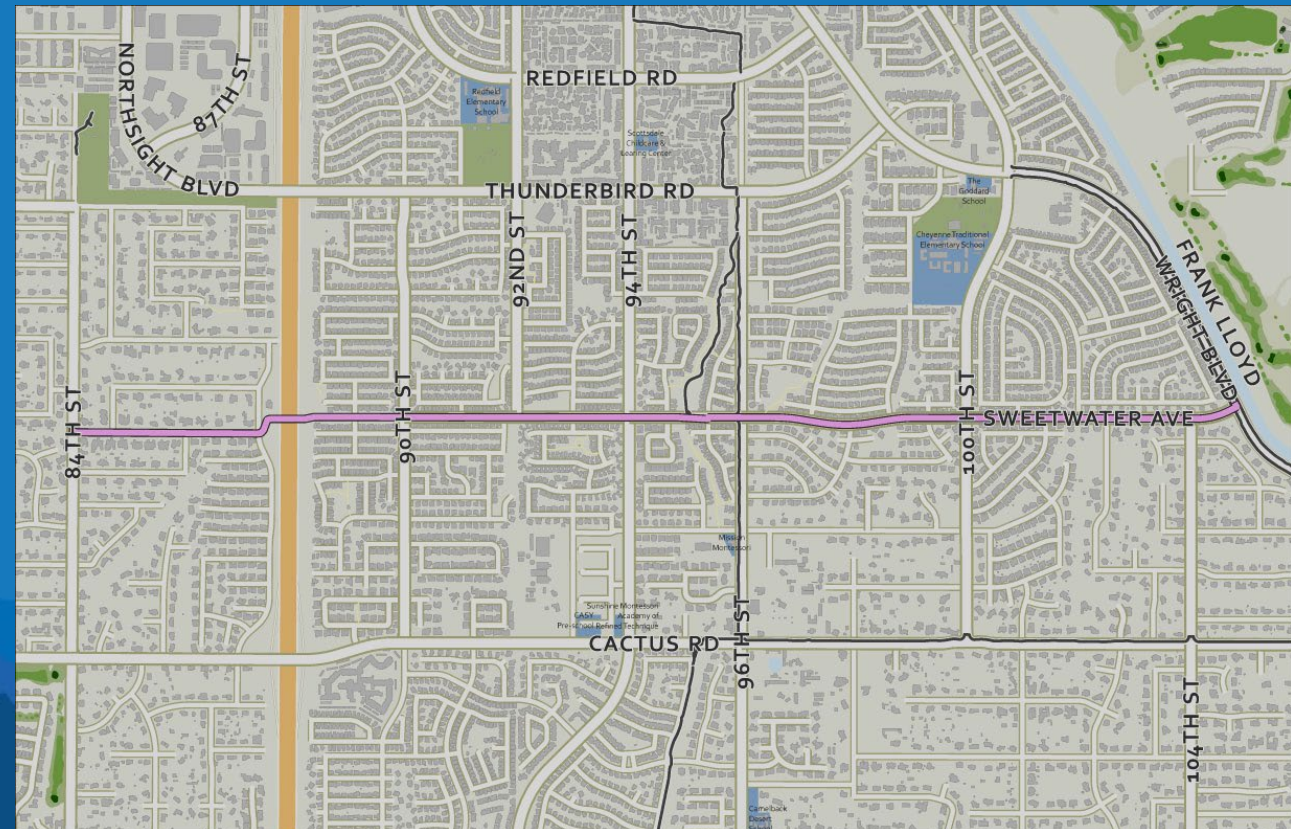
- Key Features
 - Access to Old Town and Fashion Square
 - Nonmotorized Access Point at Canal Path
 - Connection to path system & other bikeways
 - Busy area



Sweetwater Ave: 84th St to Frank Lloyd Wright Blvd

Ranked 7th

- Key Features
 - Access to Shea/101 via paths
 - Nonmotorized Access Point at Loop 101
 - 2nd Most Major Crossings
 - No direct connection to schools, but can reach Cheyenne Traditional Elementary via connected bike lanes
 - Great connection to non-motorized network
 - Higher than average 18 and under

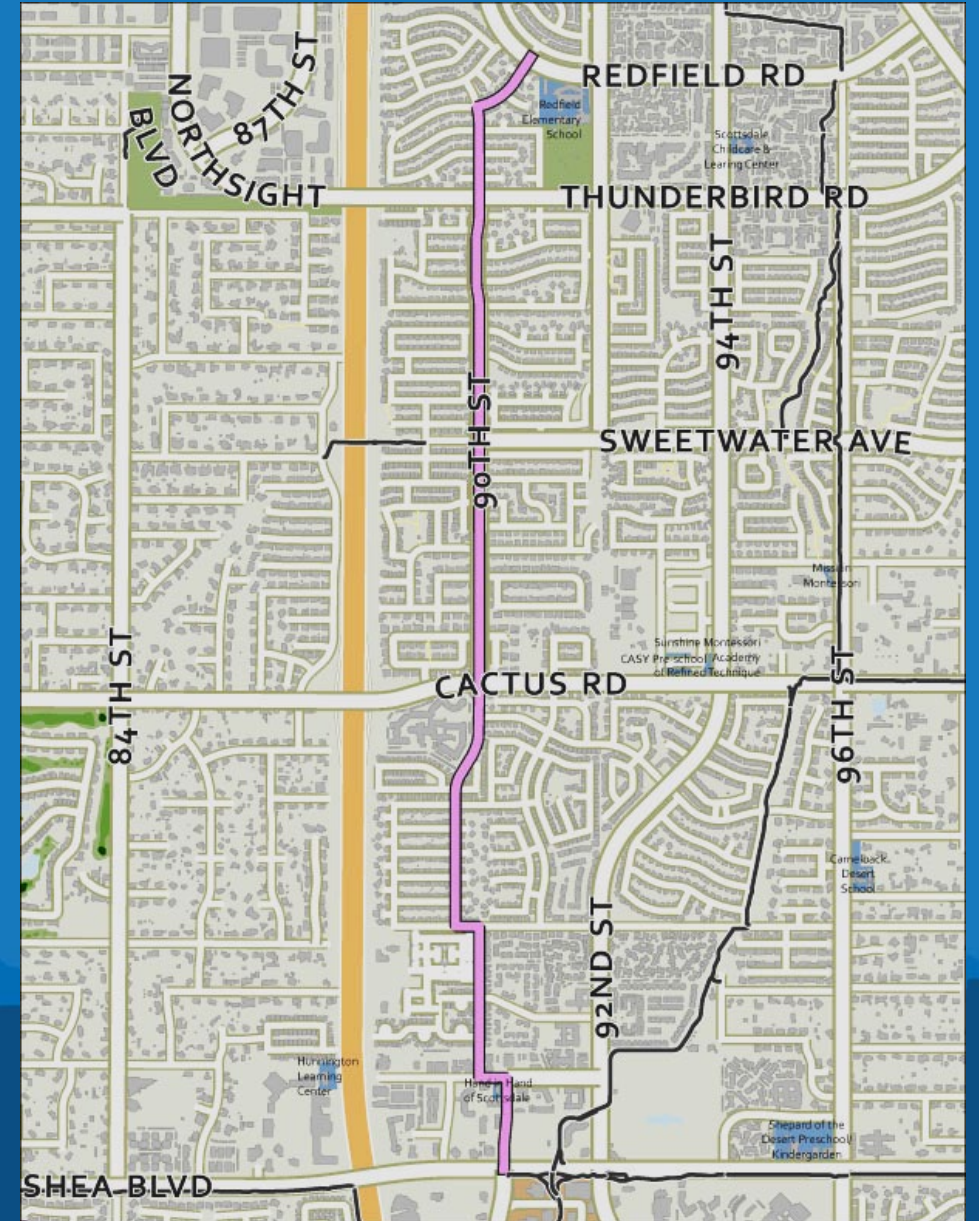


90th St: Shea Blvd to Redfield Rd

Ranked 8th

- Key Features

- Access to employment centers
 - Shea/101
- Access Redfield Elementary and Thunderbird Park
- Connects to other bike facilities
- Higher than average 65 and over
- Higher than average 18 and under

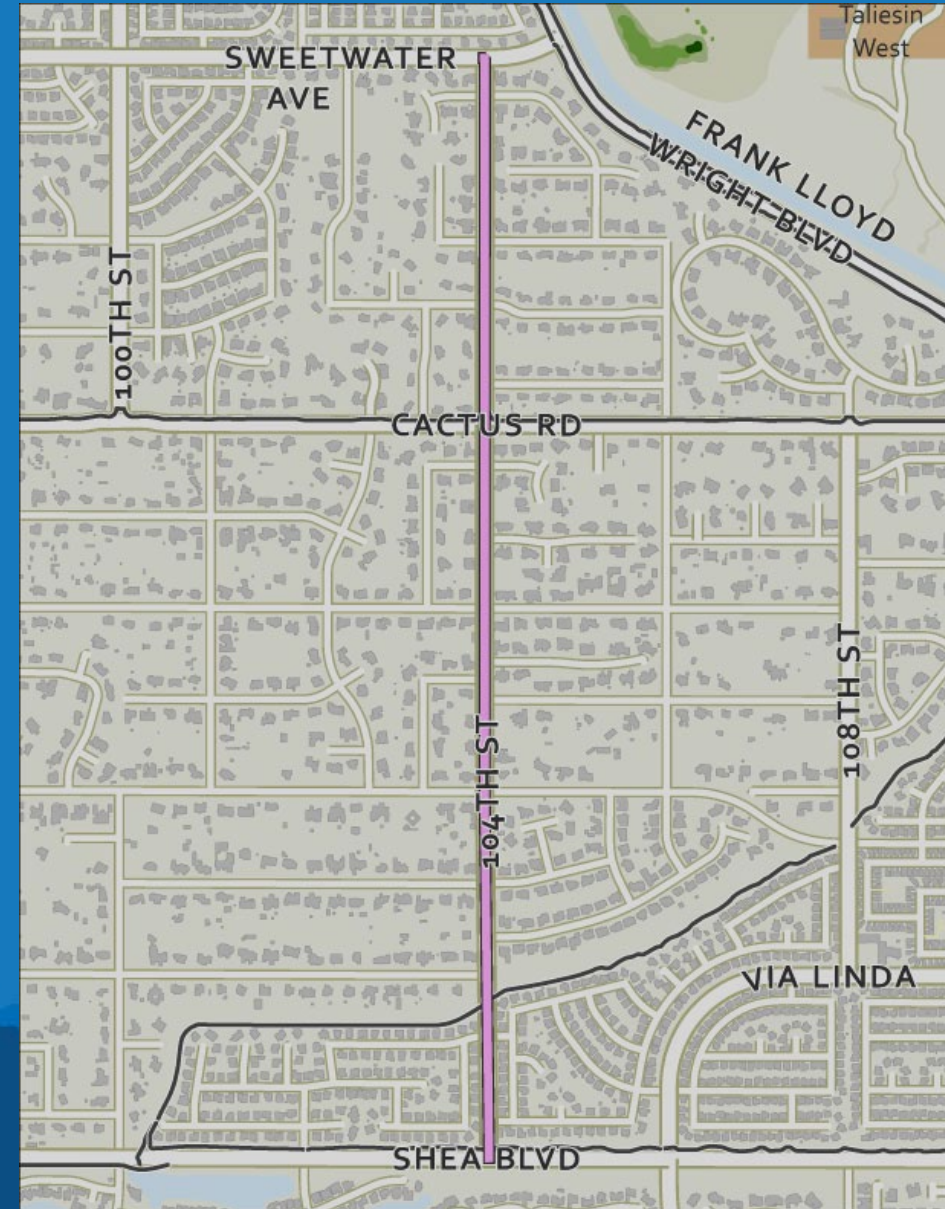


104th St: Shea Blvd to Sweetwater Ave

Ranked 9th

- Key Features

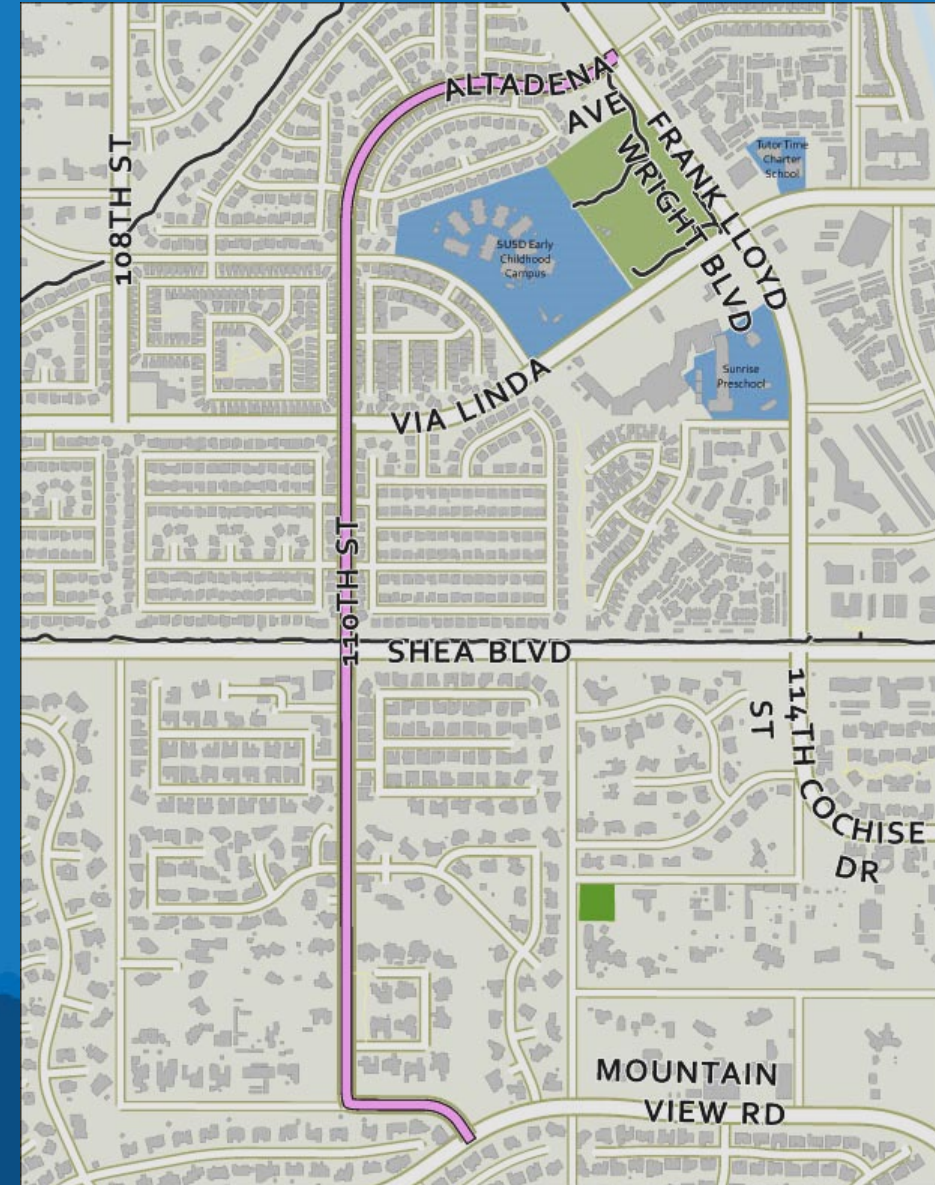
- Most existing Traffic calming control measures
- Major Crossings
- Connection to Sweetwater and the Shea Blvd Multi-Use Path System
- Connection to bike system
- Speed limit 30
- In a residential area
- Higher than average 65 and over
- Higher than average 18 and under



110th St: Mountain View to Frank Lloyd Wright Blvd

Ranked 10th

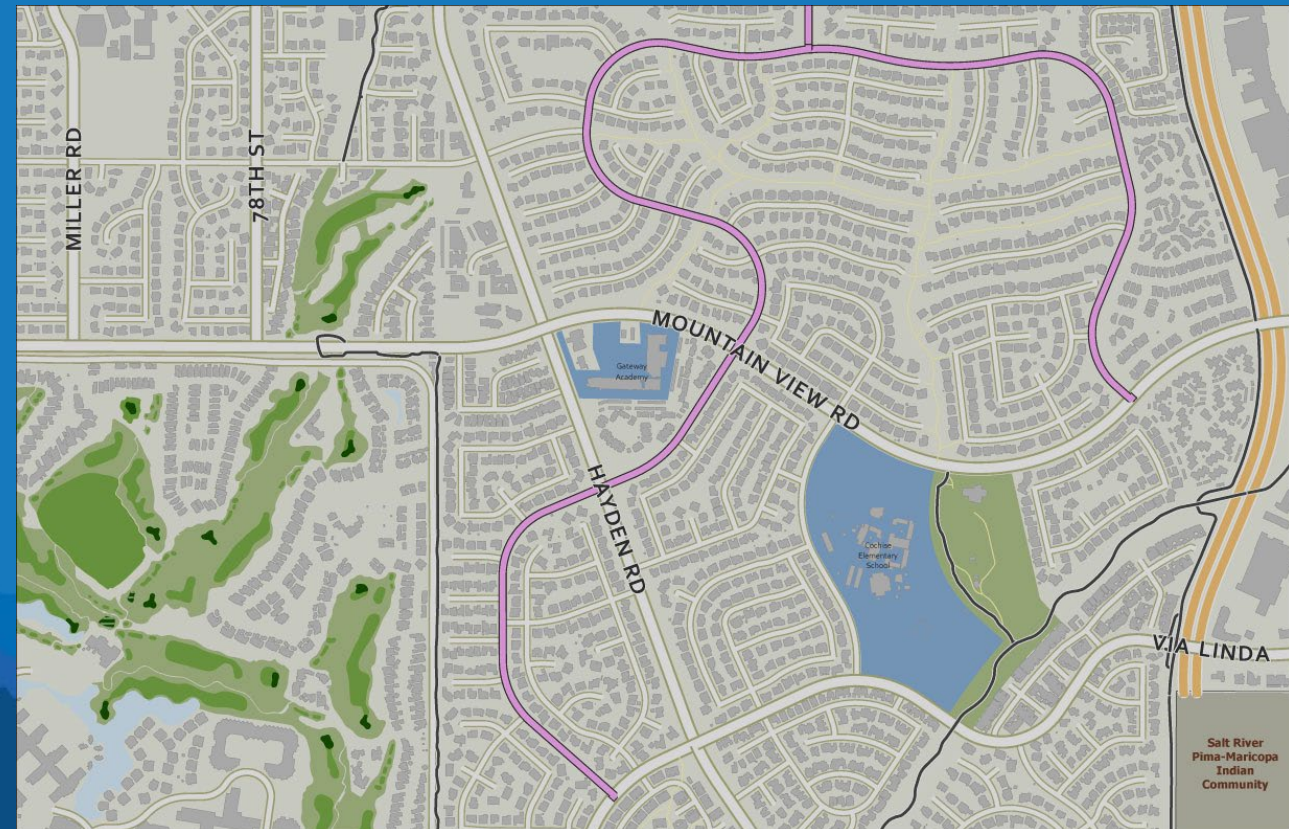
- Key Features
 - Access to employment centers
 - Shea/101
 - Connection to Multi-Use Regional System
 - Multiple Major Crossings
 - Access to Lexis Prep School & Cholla Park
 - Speed limit 30
 - Higher than average 65 and over
 - Higher than average 18 and under



Arabian Trail: Via Linda to Mountain View Rd

Ranked 11th

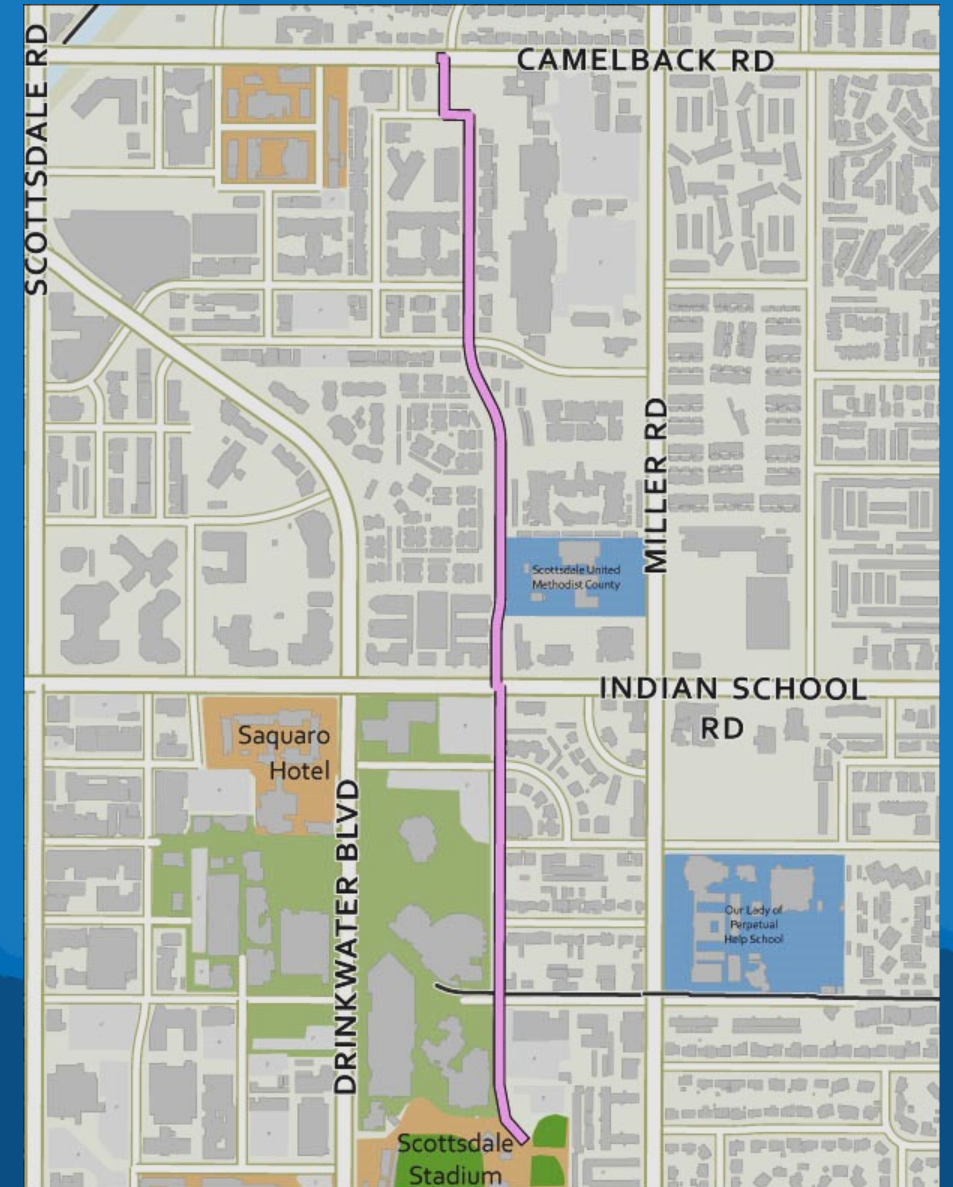
- Key Features
 - Access to Shea/101 via other bike facilities
 - Connections to Mountain View and Via Linda Bike Lanes
 - Proximity to Cochise Elementary & Mountain View Park
 - Key neighborhood connection
 - Higher than average 65 and over
 - Higher than average 18 and under



75th St: 2nd St to Camelback Rd

Ranked 12th

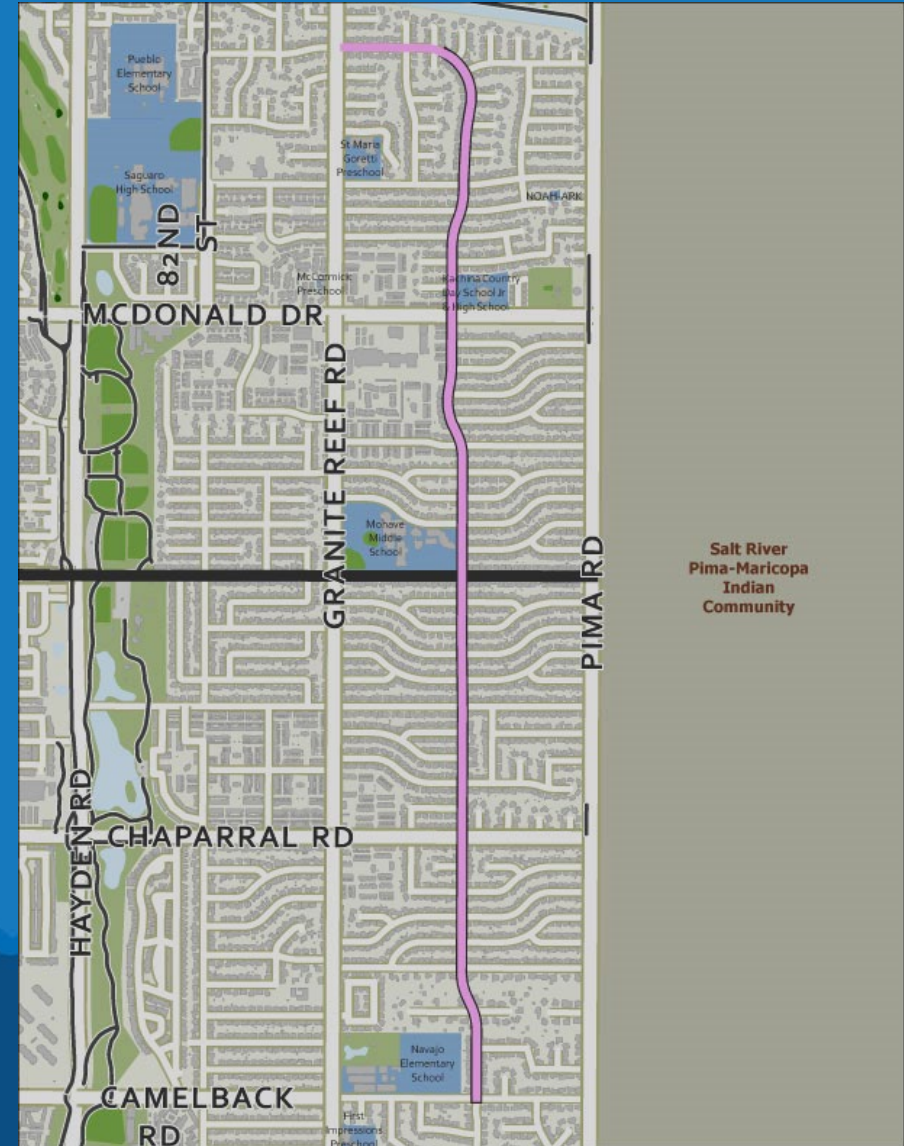
- Key Features
 - Access to employment centers
 - Old Town Area
 - Access to Multiple Schools
 - Access to the Entertainment District and Civic Center
 - Higher than average Poverty Level



86th St: Camelback Rd to Lincoln Dr & potential extension

Ranked 13th

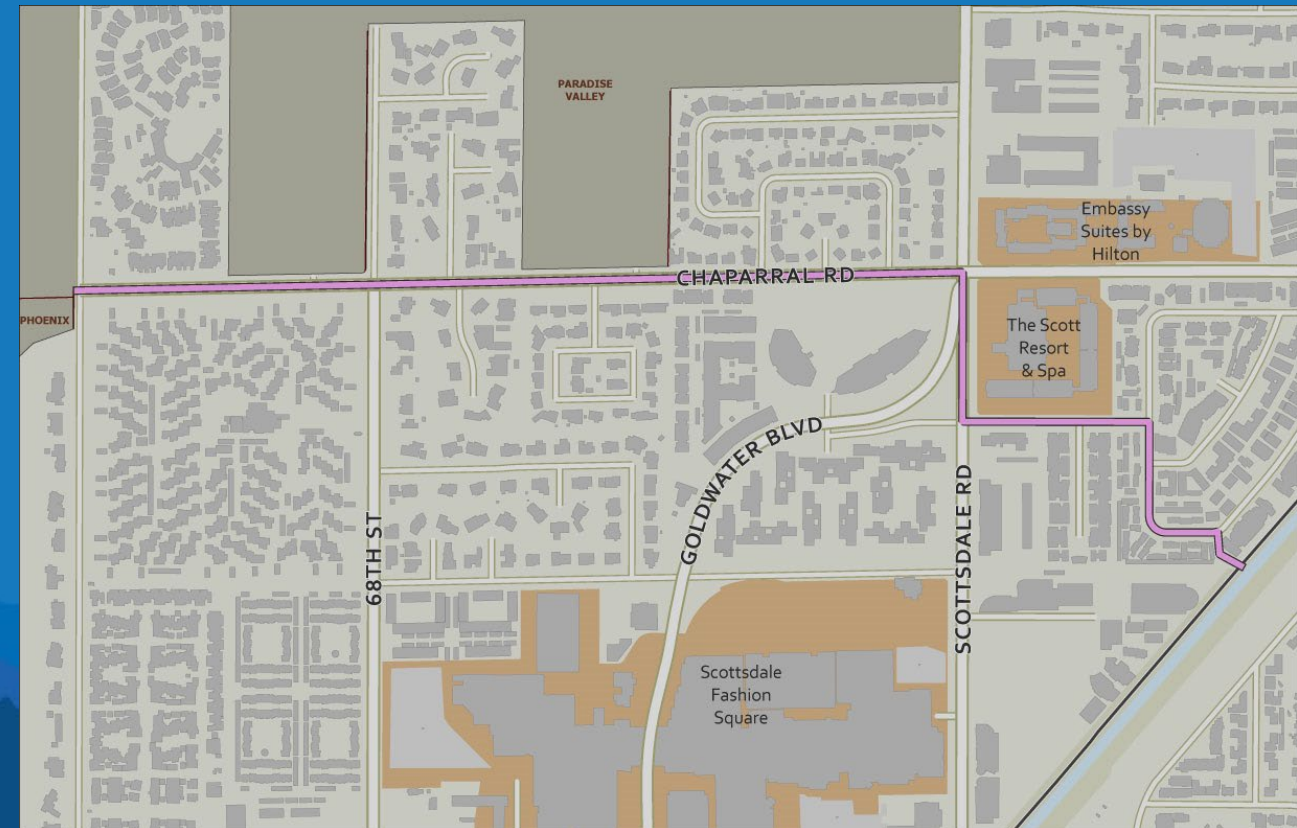
- Key Features
 - Connection to multiple schools and parks
 - Existing Traffic Calming Measures
 - Mostly residential, some commercial access
 - Higher than average 18 and under



Chaparral Rd: 64th St to AZ Canal

Ranked 14th

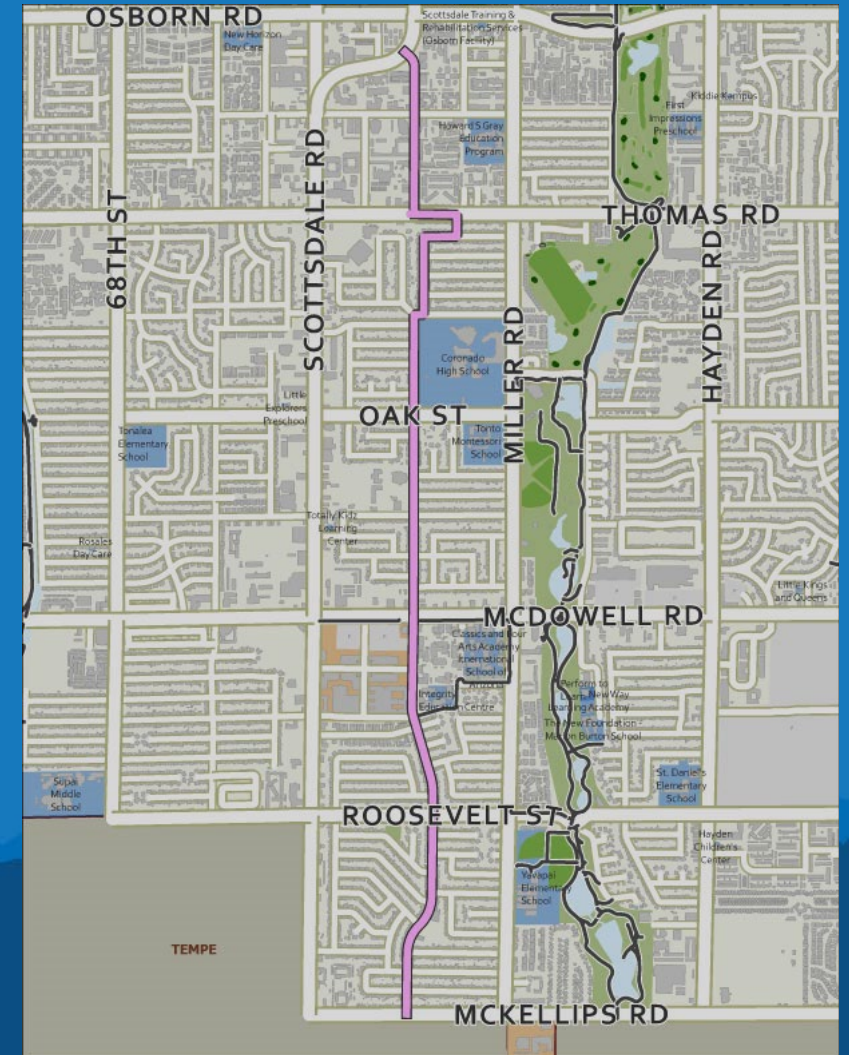
- Key Features
 - Connection to bike system
 - Existing Traffic Calming Measures
 - Access to employment centers
 - Old Town Area
 - Connections to Fashion Square
 - Connection to possible bridge over the canal
 - Higher than average 65 and over
 - Higher than average Poverty Level



74th St: McKellips Rd to Thomas Rd & potential extension to Drinkwater

Ranked 15th

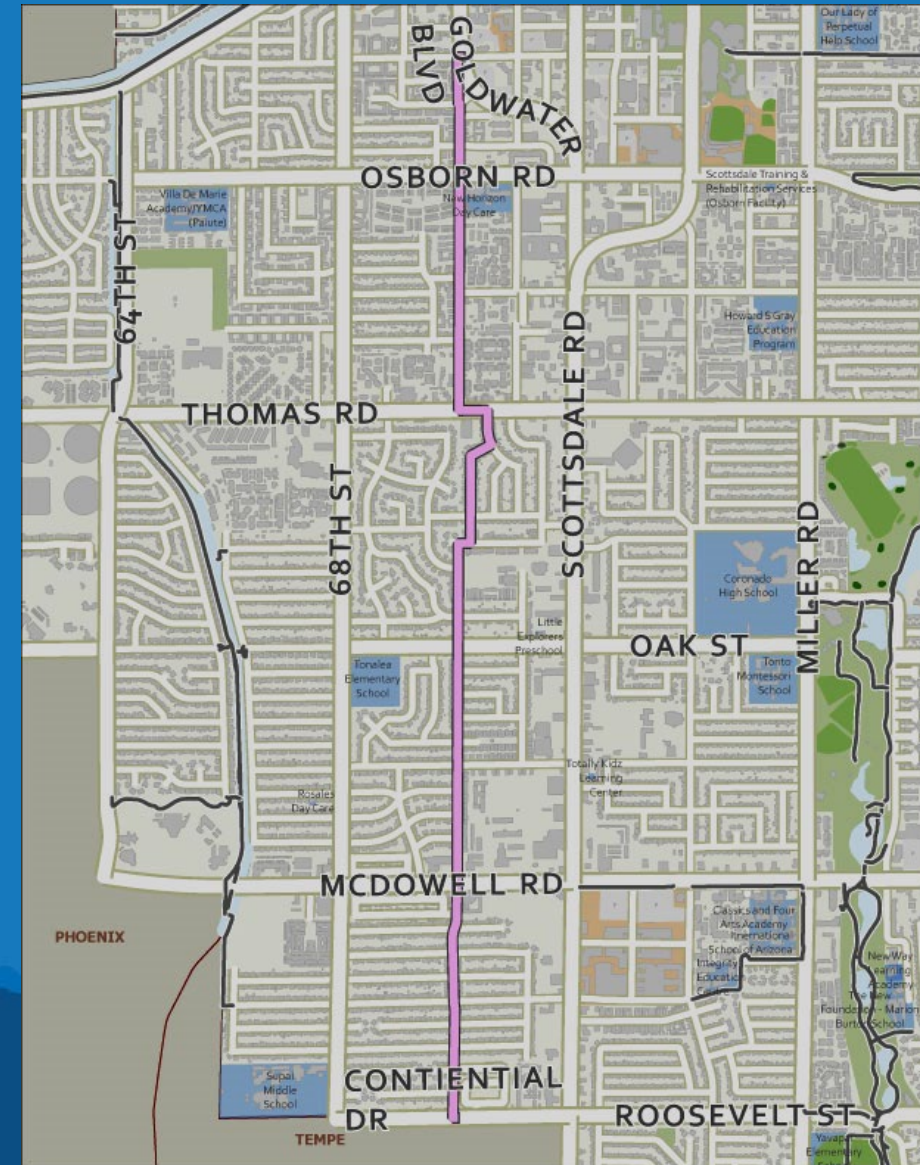
- Key Features
 - Access to employment centers
 - Old Town Area
 - Connects Tempe to Old Town
 - Alternative Route to IBW
 - Higher than average Poverty Level



70th St: Continental Dr to 2nd St

Ranked 16th

- Key Features
 - Access to employment centers
 - Old Town Area
 - Multiple Major Crossings
 - Higher than average poverty level
 - Higher than average 18 and Under



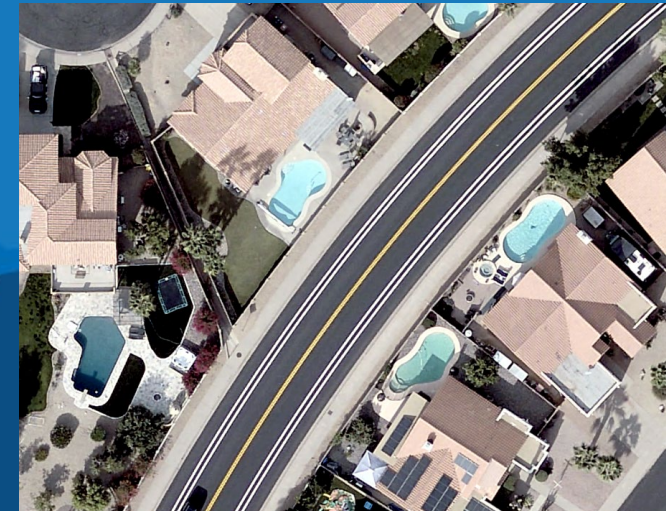
What is a Neighborhood Bikeway?

- TAP: “To be use by a wide range of bicyclist abilities.”
- Typical roadway characteristics:
 - Low traffic volumes
 - Low speeds (residential)
 - Connections that can only be made by bike or pedestrian
 - Connections to parks, schools, libraries, community centers, religious centers, and medical facilities.
- Typical design features:
 - Shared lane markings (Sharrows)
 - Bike lanes
 - Signage
 - Traffic Calming
 - Enhanced crossings at major streets

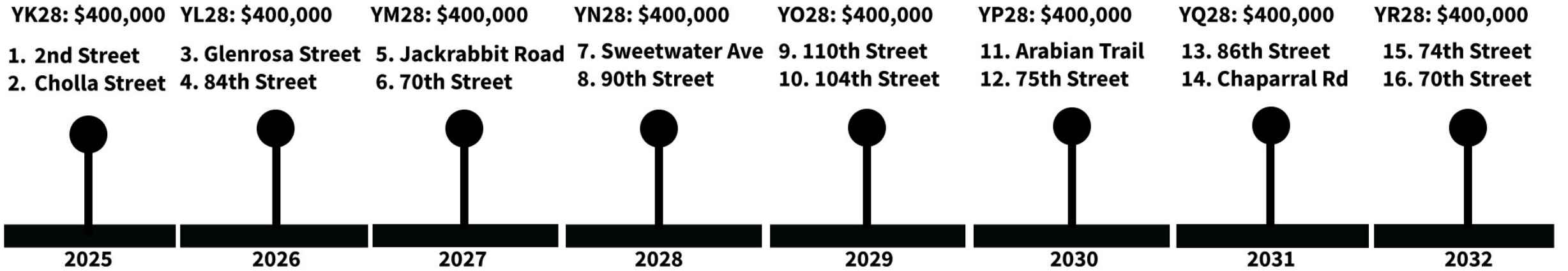
Example: 110th Street
Before



After



Transportation Action Plan Implementation



TH04: Buffered Bike Lane Installation: \$920,269
TK03: Buffered Bike Lanes Phase II: \$1,200,000

TENTATIVE FUTURE AGENDA ITEMS

Rev.09-27-23

All Items Subject to Change

TRANSPORTATION COMMISSION

MEETING DATE: October 19, 2023

REPORTS/PRESENTATIONS DUE October 12

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes September 21, 2023
- **Pavement Cut Ordinance**.....**Presentation and Discussion**
Presentation of a draft ordinance that guides developers, utilities, and city projects on restoring asphalt after pavement cuts in our street network – Ed Padron, Street Operations Manager
- **Bus Stop Signage Updates**.....**Discussion and Action**
Follow up from initial presentation from staff – Ratna Korepella, Transit Manager

MEETING DATE: November 16, 2023

REPORTS/PRESENTATIONS DUE November 9th

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes October 19, 2023
- **Construction Mitigation Plan**.....**Presentation and Discussion**
Follow up on the initial presentation from staff – Walt Brodzinski, Right-of-Way Manager
- **Projects and Programs Update** **Information**
Update of the continuing department projects and programs – Mark Melnychenko, Transportation & Streets Director

MEETING DATE: December 21, 2023

REPORTS/PRESENTATIONS DUE December 14th

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes November 9, 2023
- **Update on Cool Paving Project**.....**Information**
Follow up on the initial presentation regarding Cool Paving Project – Mark Melnychenko, Transportation & Streets Director and Ed Padron, Street Operations Manager
- **Paving Section Overview**.....**Information**
Information on the Transportation & Streets Department’s Paving Section – Mark Melnychenko, Transportation & Streets Director and Ed Padron, Street Operations Manager
- **Projects and Programs Update** **Information**
Update of the continuing department projects and programs – Mark Melnychenko, Transportation & Streets Director

FUTURE ITEMS:

INFORMATION ITEMS

- **Review of Travel Demand Patterns**.....**Information**
Information on how travel demand patterns effects roadway improvements – Nathan Domme, Transportation Planning Manager
- **Fiscal Impact of Distracted Driving** **Information**
Information on the fiscal impact that distracted driving has on Transportation and Street Operations decisions – Mark Melnychenko, Transportation & Streets Director
- **Update on Traffic Safety** **Information**
Information on traffic safety as it relates to pedestrian and automobiles in the city of Scottsdale – Samuel Taylor, Traffic Engineer

- **Update on Sensagrate****Information**
Information and update from Sensagrate Pilot Project and where it stands now after initial presentation – Darryl Keeton, Sensagrate
- **Blue Zones Project****Information**
Information on Scottsdale’s first Blue Zone’s project with HonorHealth – Mark Melnychenko, Transportation & Streets Director
- **Transit System Update****Information**
Information on the transit system and an update on Micro Transit previously shared with the Commission – Ratna Korepella, Transit Manager, Brendan Wagner, Transit Operations Coordinator and Daniel Alire, Transportation Representative
- **Small Cell Wireless Facilities**.....**Presentation and Discussion**
Presentation on the issues associated with small cell wireless facilities on signals poles in North Scottsdale and the next steps to address them - Hong Huo, Traffic Engineer Principal

TRANSPORTATION & STREETS DEPARTMENT ACTIVITIES

- **Smart City**.....**Presentation and Discussion**
Discussion on the City’s participation in Smart City applications as well as ITS strategic plan and ITS vehicle detection – Hong Huo, Traffic Engineer Principal
- **Expanding Maintenance Needs**.....**Presentation and Discussion**
Maintenance of current infrastructure – Mark Melnychenko, Transportation & Streets Director
- **2022 Traffic Volume and Collision Manual**..... **Presentation and Discussion**
Summarize the information in the recently published 2020 Traffic Volume and Collision Manual – Samuel Taylor, Traffic Engineer and Parker Murphy, Traffic Engineer
- **Leading Pedestrian Interval Policy**.....**Presentation and Discussion**
Discuss Leading Pedestrian Interval Policy and how the city applies it – Hong Huo, Traffic Engineer Principal
- **Bicycle Friendly Communities Application Update****Presentation and Discussion**
Update from initial presentation given on the Bicycle Friendly Communities Application – Susan Conklu, Senior Transportation Planner

PATHS & TRAILS SUBCOMMITTEE
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MEETING DATE: December 5, 2023

REPORTS/PRESENTATIONS DUE November 28

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes of October 3, 2023
- **Trail Maintenance Public Outreach Program Update****Presentation and Discussion**
Information on the Trail Maintenance Public Outreach Program – Greg Davies, Senior Transportation Planner
- **Path and Trail Gap Analysis** **Presentation and Discussion**
Information on gaps in the citywide path and trails network – Greg Davies, Senior Transportation Planner

MEETING DATE: February 6, 2023

REPORTS/PRESENTATIONS DUE January 30

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes of December 5, 2023
- **Bike Events and Education for Schools****Presentation and Discussion**
Information on upcoming bike events – Susan Conklu, Senior Transportation Planner
- **Wayfinding Signage** **Information**
Update on the wayfinding signage – Susan Conklu, Senior Transportation Planner

- **Bicycle Friendly Community Application Update** **Presentation and Discussion**
Update on the submission of the Bicycle Friendly Communities Application Status – Susan Conklu, Senior Transportation Planner

MEETING DATE: April 2, 2023

REPORTS/PRESENTATIONS DUE March 26

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes of February 6, 2023
- **Federally and Regionally Funded Studies and Plans** **Presentation and Discussion**
Overview of 64th St Crossings Study, CAP Canal/100th St Path Study and Strategic Transportation Safety Plan – Nathan Domme, Transportation Planning Manager
- **Overview of the Central Arizona Project Canal Trail**..... **Information**
An overview of the CAP Canal Trail – Greg Davies, Senior Transportation Planner

FUTURE ITEMS:

INFORMATION ITEMS

TRANSPORTATION & STREETS DEPARTMENT ACTIVITIES

- **Pavement Restriping** **Presentation and Discussion**
Information on the coordination of re-paving and re-striping – Nathan Domme, Transportation Planning Manager
- **Updates from Neighboring Cities and Towns**..... **Information**
Updates from Neighboring Cities such as Tempe, Phoenix, Mesa, and Paradise Valley on connectivity projects with Scottsdale – Guest Speakers
- **Parks & Recreation Master Plan**..... **Information**
Information on the Parks & Recreation Master Plan – Parks & Recreation