



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

Date: Tuesday, February 7, 2023
Time: 8:30 A.M.
Location: One Civic Center
Agave Conference Room
7447 E. Indian School Rd Suite 205
Scottsdale, AZ 85251

Call to Order

Roll Call

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

- Approval of Meeting MinutesAction**
Approval of the Regular Meeting minutes of December 6, 2022

2. **Approval of 2022 Annual Report**.....**Action**
Approval of the 2022 Annual Paths & Trails Subcommittee Report – From 2022
3. **Trail Maintenance Public Outreach Program** **Information**
Information on the Trail Maintenance Public Outreach Program – Susan Conklu, Senior Transportation Planner
4. **Electric Bicycles, Scooters and Similar Devices****Information**
Information and update on Electric Bicycles, Scooters and Similar Devices – Susan Conklu, Senior Transportation Planner
5. **Other Transportation Projects and Programs Status**..... **Information**
Status of projects and programs – Nathan Domme, Senior Transportation Planner
6. **Subcommittee Identification of Future Agenda Items**.....**Discussion**
Subcommittee members may identify items or topics of interest for future Subcommittee meetings
7. **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
7447 E. INDIAN SCHOOL ROAD, SUITE 205
SCOTTSDALE, AZ 85251**

TUESDAY, DECEMBER 6, 2022

CALL TO ORDER

The meeting of the Paths & Trails Subcommittee was called to order at 8:30 a.m. A formal roll call confirmed the presence of Subcommittee members as noted below.

ROLL CALL

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

STAFF: Susan Conklu, Staff Coordinator
Nathan Domme, Senior Transportation Planner
Mark Melnychenko, Staff Representative
Dave Meinhart, Transportation Planning Manager
Kyle Lofgren, Staff Coordinator

PUBLIC COMMENT

There were no public comments.

1. APPROVAL OF MEETING MINUTES

Chair Anderson called for modifications and approval of the minutes. No modifications were made.

COMMISSIONER LALL MOVED TO APPROVE THE MINUTES OF THE OCTOBER 4, 2022, MEETING AS PRESENTED. SUBCOMMITTEE MEMBER DAVIS SECONDED THE MOTION, WHICH CARRIED 4-0 WITH CHAIR ANDERSON, SUBCOMMITTEE MEMBER DAVIS, COMMISSIONER LALL, AND SUBCOMMITTEE MEMBER LEVIE VOTING IN THE AFFIRMATIVE. COMMISSIONER MCALLEN ABSTAINED AND THERE WERE NO DISSENTING VOTES.

2. Introduction of Commissioner McAllen

Chair Anderson introduced and welcomed Commissioner McAllen. She introduced herself, noting she is almost a lifelong resident of Scottsdale, worked for the City for many years, and is proud to be a part of the Subcommittee.

3. Protected Bike Lane Pilot Project Location

Nathan Domme, Senior Transportation Planner, discussed the Protected Bike Lane Pilot Project. Scottsdale has a substantial bike network, but none are protected. This project is supported by the Transportation Action Plan (TAP) that recently passed. The guiding policy is to offer travel choices, travel mode choices, and accessibility for all ages and abilities. The goal is to achieve platinum level with the Bicycle Friendly Community Program, and protected bike lanes are part of the criteria. This project is being put forth as a pilot program to test new concepts and technology new to Scottsdale. Data will be collected and reviewed with recommendations for moving forward with buffered and/or protected bike lanes.

There are three bicyclist user profiles, being highly confident, somewhat confident, and interested but concerned. Most bicyclists fall into the interested but concerned category; the goal here is to expand their riding possibilities. By implementing more protection with the use of a buffer and visible barriers the intent is to increase the level of comfort and willingness to use the street network. This implementation will also increase safety and security for cyclists and pedestrians. A standard 5' bike lane with a 2.5' painted buffer and a lateral separation with a raised physical barrier will provide the intended protected bike lane.

Mr. Meinhart noted although Scottsdale has not determined what type of barrier will be used, flexible barriers are a preferred choice for many communities. They are flexible, easy to work around, and less costly to maintain. Some streets in Scottsdale are too narrow to implement this program.

Implementation steps for the pilot program include:

- ♦ Identifying potential locations and collect data on bike usage using permanent and mobile counters.
- ♦ Provide data collection results to the Transportation Commission.
- ♦ Identify and approve preferred location(s).
- ♦ Install painted buffers and collect data on usage using permanent and mobile counters.
- ♦ Compare usage between the standard and buffered bike lanes.
- ♦ Simultaneously determine the type of barrier to be used.
- ♦ Install barriers.
- ♦ After a waiting period, perform data collection on usage of protected bike lanes. Compare the data to the buffered lane usage.
- ♦ Assess impacts on maintenance.

- ♦ Make recommendations for future use and possible removal of bike lanes.
- ♦ Implement a template program for similar safety improvements along other corridors.

Mr. Meinhart noted in developing the TAP it was critical to identify the priority, the budget, and not create undue impact on other departments. The transportation funding comes from gas tax, which is becoming obsolete, especially with the promotion of electric vehicles.

A discussion ensued on sweeping the bike lane, since the standard road sweepers are too wide. For the pilot project one possibility would be to use a path sweeper, already used on nearby trails.

Commissioner McAllen inquired if other cities reported an increase in use of motorized modes of transportation. Mr. Domme stated the way the protected bike lanes are designed it would be difficult for that type of usage. Mr. Meinhart advised motorized and/or electric bikes and scooters are permitted to use the bike lane.

The criteria used to determine the pilot locations were fewer conflicts with driveways and side streets, fewer breaks in the buffer and protected bike lane; existing bike infrastructure with usage to allow for comparison of data; strong bike network connections and known bike usage. Three locations were chosen based on these criteria; they all connect to primary paths Indian Bend Wash and Arizona Canal.

- ♦ 96th Street two-way cycle track between Thunderbird Road and Redfield Road. A 2.5' to 10' painted buffer bike lane exists, and a physical barrier would be installed within the existing painted buffer. 627 cyclists were counted over a four-day weekend collection period.
- ♦ Via Linda between Via De Ventura and Hayden Road. A 5' bike lane with a 2.5' painted buffer and physical barrier would be added on both sides of the street. 414 cyclists were counted over a four-day weekend collection period.
- ♦ Jackrabbit Road between Miller Road and Hayden Road. This is the preferred location for the pilot project. The only bikeway with a speed limit above 25 mph. 674 cyclists were counted over a four-day weekend collection period. A 5' bike lane with a 2.5' painted buffer and physical barrier would be added.

Commissioner McAllen stated Jackrabbit Road is a great choice based on its high usage and the curve to Hayden can have visibility issues. Chair Anderson stated there are discussions about putting in a bridge over the canal in this location. Mr. Melnychenko advised there are several efforts that will work together to address vehicular speed concerns and increase safety.

Subcommittee Member Davis inquired if the posts are flexible enough for the sweeper to go over them. Mr. Domme noted it is preferred for the sweeper to avoid them. Mr. Meinhart advised a sweeper currently runs on the Arizona Canal Path and Indian Bend Wash Path, which this segment would tie into. Subcommittee Member Davis inquired what the spacing would be for the post. Mr. Meinhart 20-feet apart and tighter spacing near intersections is typical but will depend on the speed limit. Subcommittee Member Davis inquired if posts would need to be replaced if hit by a cyclist or automobile. Mr. Domme said it would depend on how hard it was hit. Subcommittee Member Davis asked if the amount of space is the same, would they install both the painted buffer and physical barrier or possibly use only the painted barrier?

Mr. Meinhart stated theoretically that with a 2.5' space and no restrictions on cost or maintenance both would be installed.

Commissioner McAllen inquired if there was a set schedule for sweeping the protected bike lanes. Ms. Conklu advised there is a regular schedule for path and street sweeping, as well as addressing major routes after a major event.

Chair Anderson inquired of the projected cost associated with the post. Mr. Domme advised they are looking at all available options for flex post. Chair Anderson inquired if purchasing additional path sweepers were considered as part of the proposal. Mr. Meinhart advised a proposal is being developed to expand the sweeping program.

SUBCOMMITTEE MEMBER DAVIS MOVED TO ACCEPT THE STAFF RECOMMENDATION FOR THE JACKRABBIT ROAD PILOT PROGRAM. SUBCOMMITTEE MEMBER LEVIE SECONDED THE MOTION, WHICH CARRIED 5-0 WITH CHAIR ANDERSON, SUBCOMMITTEE MEMBER DAVIS, COMMISSIONER LALL, SUBCOMMITTEE MEMBER LEVIE, AND COMMISSIONER MCALLEN VOTING IN THE AFFIRMATIVE. THERE WERE NO DISSENTING VOTES.

Mr. Meinhart advised the recommendation will go before the Transportation Commission in early 2023 and if approved the next step would be data collection.

Chair Anderson inquired how do the protected buffers affect the resurfacing. Mr. Meinhart advised it is a cost factor that will be assessed as part of the pilot program. There is a CIP budget for bike lanes that can be utilized for this program. A brief discussion ensued.

4. OTHER TRANSPORTATION PROJECTS AND PROGRAM STATUS

Ms. Conklu, Senior Transportation Planner, provided updates on the following programs and projects:

Thunderbird Trail Update, which the Subcommittee acted on in October 2022. On November 17, 2022, the Transportation Commission approved the second phase, between Hayden Road and 83rd Street. This project will include a concrete curb ramp at the intersections and unpaved trail on the north side. Mr. Meinhart advised once City Council approves the on-call trail construction contracts, the contracts will be ready to go when the work is scheduled.

Chair Anderson inquired if any feedback was received from the homeowner. Ms. Conklu stated a letter was received prior to the Transportation Commission meeting and nothing since.

The City funded ADA and pedestrian improvements on 82nd Street near Heather Ray Drive, which included removal of a standpipe barrier used by the Salt River Project

Commissioner McAllen inquired if ADA funds are used to address the curb issues in conjunction with park improvements. Mr. Meinhart stated addressing the curb should be part of the project and included in that budget.

Indian Bend Wash Path Improvements had two recent projects completed utilizing funds from the 2019 Bond Projects. There was a powerline alignment at the Sports Complex at Bell and 94th Streets. Path elevation was increased by eight feet at Westworld Sports to reduce flooding and ponding. The path was also extended to connect with McDowell Mountain Ranch Road. A discussion ensued.

Subcommittee Member Davis inquired if the Powerline section was part of a previous CIP project. Ms. Conklu stated the design was completed to have the path continue to Grayhawk Park, but the project was canceled due to design issues. A discussion ensued.

Redfield Road Bike Lanes / Complete Street Project is part of Airpark area under the Arterial Life Cycle Program Improvements, that recently installed a new minor collector cross section from 76th Place Roundabout to Hayden Road. A challenge in this area is the bike and pedestrian connectivity, which these improvements help advance. Mr. Meinhart explained the Raintree connection through the roundabouts up to the edge of the Airport. This project was completed by street operations personnel through the paving program with a significant cost savings.

A discussion ensued pertaining to bike lanes stopping at the roundabouts, leaving the bicyclist on their own to navigate traffic, often having to cross lanes. The roundabouts are designed for 15 mph vehicular traffic, which is slower than neighborhood traffic. Cyclists can also use the sidewalk when navigating the roundabouts.

Striping and restriping were done on 3.5 total miles of paths in four areas:

- McDowell, Miller, Culver, and 75th on the south side of McDowell and west side of Miller;
- Shea Boulevard west of Loop 101;
- Horizon Park/ Central Arizona Canal Bridge just south of WestWorld;
- Pima Road north of Thompson Peak Parkway.

The work was performed by the Transportation and Streets sign and marketing group rather than utilizing contractors. It is anticipated striping and restriping projects will be conducted yearly. Striping indicates two-way traffic, provides an understanding of the connectivity, and is retro reflective at night.

Bike lane improvement statistics for 2022 include 2.5 miles of new standard lanes, 3.5 miles of buffered lanes, and 15.2 miles of lanes were widened, which incorporated 19 separate roadway segments. With just under one mile being coordinated with the annual Paving Program.

MAG Design Assistance funding was received for the 64th Street at Thomas and Indian School Road project and will move forward to select an on-call consultant. The Central Arizona Project Canal / 100th Street path that looped down to Frank Lloyd Wright Boulevard near Horizon Park was not funded. This project was requested based on high bike and pedestrian traffic in that area. If funds are available, the project is eligible to apply for MAG's Closeout Funding. If funded, an alternative consideration is putting in a two-way cycle track as opposed to a shared use path. Approved design assistance requests require a 5.7% matched funding. Mr. Meinhart explained where the closeout funds come from.

A pipe rail fence is being installed on the steep portion of Ashler Hills Trail, in response to neighbors' requests.

An open house was held on December 5th for the 68th Street project from Thomas to Indian School Road that will decrease travel lanes from two to one per direction and add buffer bike lanes. This project is funded in the current federal fiscal year, but zero bids have been received and will be resolicited. The second project was the Thomas Road from 56th Street to 73rd Street, where the third eastbound travel lane will be replaced with standard bike lanes and right turn lanes at intersections.

This is Mr. Meinhart's last meeting before the subcommittee, as he is re-retiring.

5. SUBCOMMITTEE IDENTIFICATION OF FUTURE AGENDA ITEMS

The following topics were identified for future agenda items:

- Trail maintenance outreach program update
- Trail usage counts
- Scooter and e-bike usage
- Pathway signage

6. ADJOURNMENT

WITH NO FURTHER BUSINESS TO DISCUSS, BEING DULY MOVED BY SUBCOMMITTEE MEMBER LEVIE AND SECONDED BY COMMISSIONER MCALLEN, THE MEETING ADJOURNED AT 10:19 A.M. WHICH CARRIED FIVE (5) TO ZERO (0) WITH CHAIR ANDERSON, SUBCOMMITTEE MEMBER DAVIS, COMMISSIONER LALL, SUBCOMMITTEE MEMBER LEVIE, AND COMMISSIONER MCALLEN VOTING IN THE AFFIRMATIVE. THERE WERE NO DISSENTING VOTES.

SUBMITTED BY:
eScribers, LLC

***NOTE: These are summary action meeting minutes only. A complete copy of the audio/video recording is available at <http://www.scottsdaleaz.gov/boards/Transp.asp>**



2022 Annual Report

Paths & Trails Subcommittee

Prepared by Kyle Lofgren, Office Manager on January 24, 2023

Approved by the Paths & Trails Subcommittee on February 7, 2023

Web Site Address: [https://www.scottsdaleaz.gov/boards/transportation-](https://www.scottsdaleaz.gov/boards/transportation-commission/paths-and-trails-subcommittee)

[commission/paths-and-trails-subcommittee](https://www.scottsdaleaz.gov/boards/transportation-commission/paths-and-trails-subcommittee)

Number of Meetings Held: 6

Public Comments: 0

Major Topics of Discussion / Action Taken:

- Approval of the Paths & Trails Subcommittee Annual Report: Action; Approved 5-0.
- Information on how the grant process works and an update on recent grant applications: Discussion.
- Update on capital improvement project programs that fund bicycle, pedestrian, and equestrian projects: Discussion.
- Federal Highway Administration Proven Safety Countermeasures: Discussion.
- Update on laws and education regarding Bicycle Education Program: Discussion.
- Information on Bike Month: Information.
- Update on the Trail Maintenance Public Outreach Program: Information.
- Discussion and analysis of the first full year of Path Counters data: Information.
- Neighborhood Bikeways Prioritization Criteria: Discussion and Action; Approved 3-0.
- Transportation Action Plan (TAP) Implementation, corridors with partially reduced sidewalk widths: Possible Action; Approved 4-0.
- Old Town ADA Ramps and Crosswalk Improvements: Information.
- Maricopa Association of Governments Design Assistance Applications: Information.
- Update on the trail on the north side of Thunderbird Road: Discussion and Possible Action; Approved 4-0.
- Introduction of Commissioner McAllen: Information.
- Protected Bike Lane Pilot Project Locations: Action; Approved 5-0.
- Ongoing update of projects and programs that effect paths and trails throughout the city: Information.

Current Member Attendance:

Member Name	Title	Present	Absent	Recused	Service Dates
Donald Anderson	Chair	6	0	0	From January to December
Kent B. Lall	Transportation Commissioner	5	1	0	From January to December
Teresa Kim Quale	Parks & Recreation Commissioner	3	2	0	From January to October*
Kyle Davis	Subcommittee Member	4	2	0	From January to December
William Levie	Subcommittee Member	5	1	0	From January to December

Maryann McAllen	Parks & Recreations Commissioner	1	0	0	From December to December*
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Note Commissioner Quale was replaced with Commissioner McAllen in December.*

Subcommittees: Background: The Paths & Trails Subcommittee (formerly known as the Trails Sub-Committee) was formed on March 18, 2010 as a result of the updated Transportation Commission Ordinance approved by City Council on November 3, 2009. The Sub-Committee consisted of two Transportation Commissioners who are appointed by the Transportation Commission Chair, and two non-Commission members who are appointed by City Council. The Trails Sub-Committee was established to advise the Transportation Commission as a whole and provide a public forum for issues surrounding paths and trails outside of the boundary of Scottsdale’s McDowell Sonoran Preserve.

The Trails Sub-Committee at their meeting of December 6, 2013, and the Transportation Commission at their meeting of December 19, 2013, recommended that the City Council adopt a revised Ordinance No. 4148. At the City Council meeting of April 29, 2014, the Council adopted the Revised Ordinance No. 4148 that primarily changed the name of the Trails Sub-Committee to the “Paths & Trails Subcommittee” and increased the membership of the Paths & Trails Subcommittee to include a Parks & Recreation Commission representative.

Ethics Training: Yes. Online ethics training was completed by all Commissioners and Subcommittee Members prior to their first meeting of the year on February 7, 2023.

Selected Officers: Yes. At the Transportation Commission meeting on November 18, 2021 Commissioner Anderson was appointed as Chair and Commissioner Lall was appointed to serve as members of the Path & Trails Subcommittee.

Reviewed Bylaws/City Code: Yes. As noted above, the Trails Sub-Committee at their meeting of December 6, 2013, and the Transportation Commission at their meeting of December 19, 2013, recommended that the City Council adopt a revised Ordinance No. 4148. At the City Council meeting of April 29, 2014, the Council adopted the Revised Ordinance No. 4148 that primarily changed the name of the Trails Sub-Committee to the “Paths & Trails Subcommittee” and increased the membership of the Paths & Trails Subcommittee to include a Parks & Recreation Commission representative.

Anticipated Key Issues: N/A.

Future Significant Work Products: Reviewing and providing input to city staff for items that will move through the Paths and Trails Subcommittee onto the Transportation Commission as action items.

Upcoming Opportunities, Challenges, or Outcomes: Further implementation of the Transportation Action Plan (TAP) initiatives.

Additional Comments/Recommendations: N/A.

Report Approved on: February 7, 2023.

SCOTTSDALE PATHS & TRAILS SUBCOMMITTEE REPORT



To: Paths & Trails Subcommittee
From: Susan Conklu, Senior Transportation Planner
Subject: Trail Maintenance Outreach Plan
Meeting Date: February 7, 2023

ITEM IN BRIEF

Action: Presentation and discussion

Purpose:

Provide information on the trail maintenance outreach plan

Background:

The city currently has approximately 153 miles of unpaved trails outside the McDowell Sonoran Preserve. Trails exist in city right-of-way or on easements dedicated to the city on private property. In some locations, properties that hold public easements are owned by homeowners' associations while others are owned by individual property owners.

As is the case with sidewalks, maintenance of trails is the responsibility of the adjacent property owner, per Scottsdale Revised Code, Chapter 47. Section 47-47 states, "The owner of property adjacent to the right-of-way shall conduct routine property maintenance to keep the property and adjacent right-of-way in an orderly and safe condition." Section 47-47 also states, "The owner of property adjacent to the right-of-way shall maintain the property so that it does not interfere with public uses of the right-of-way."

Code Enforcement is the mechanism for enforcing removal of encroachments. ScottsdaleEZ is a common way for residents or city staff to report issues to Code Enforcement.

The Scottsdale Design Standards and Policies Manual (DS&PM) Chapter 8-3 covers Non-Paved Trails including maintenance information, which is provided in Section 8-3.6, pages 573, 590-592:

<https://www.scottsdaleaz.gov/Assets/ScottsdaleAZ/Design/DSPM/DSPM+2018.pdf>

In order to improve general maintenance of the trail system, staff began by drafting a communication plan to inform, educate, and facilitate property owners to fulfill their responsibility to maintain trails that run through easements on or are adjacent to their property.

Update:

On April 26, 2022, the Transportation Action Plan (TAP) was adopted by City Council. The Trail Element of the TAP includes goals, policies and performance measures related to trail maintenance.

Trail Element Goal (TR-05)

Educate the public about easements and maintenance responsibilities associated with the trail network

Trail Element Policy (TR-02)

Trail obstruction: Coordinate with landowners regarding obstruction removal and require trail realignment by landowner if necessary.

Trail Element Performance Measure (TR-02) Mileage of rehabilitated trails per year

Transportation staff have been refining the components and schedule for the trail maintenance communication plan. Meetings with Citizen Services, Code Enforcement, Communications and Scottsdale Video Network staff were held. A detailed inventory of the trail network commenced in January to assess the condition of the trails. The inventory utilizes an iPad to collect field data and

update the records in the database in real time. Data queries allow identification of specific locations for review and action. For example, trail obstructions or overgrown vegetation can be queried throughout the system and enable staff to take action to address the issues. The inventory was completed in July.

A recent analysis of parcels adjacent to trails identified the number of parcels and the percentage of trail mileage that is adjacent to homeowners' associations or commercial properties (63%), individual property owners (21%) or public agency/city-owned properties (16%). This will aid in targeted outreach to correct issues on the trails that were identified by the trail inventory or new reports from the public.

In June 2022 a new link was created in ScottsdaleEZ for reporting path, trail or sidewalk obstructions. These notifications are assigned to the Code Enforcement group. Also, the Trail Maintenance webpage was published with information on maintenance responsibilities, a link to the Scottsdale EZ form, and a link to the interactive Public Amenities Map so citizens can look up their property and view trail locations:

<https://www.scottsdaleaz.gov/transportation/paths-trails/trail-maintenance>

Transportation staff presented an update to the Paths & Trails Subcommittee on June 7, 2022 and the Transportation Commission on June 16, 2022. Discussion included future trail inventory plans, responsibility for maintenance of trail surface, trends from both trail inventories, historical data of complaints regarding trails, and the timeline for addressing complaints.

Transportation staff presented an overview of the program to the Neighborhood Advisory Commission on October 26, 2022. Discussion included the history of trails being managed by the Transportation Department, direct letters being effective, large community cleanup of trails and reaching out to the Scottsdale Realtors Association for help spreading information.

Transportation staff presented an overview of the program to the Parks and Recreation Commission on November 16, 2022. Discussion included questions about the Transportation Department history of trail management, the trails inventory, volunteer groups that could help with maintenance, adding QR codes on trail signage to link the public to the maintenance informational video, including trail information in closing documents for property purchases, and using drones for future trail inventories.

Next Steps:

The new Trail Maintenance webpage will be publicized with a web article, social media posts, utility insert article, and a Scottsdale Update newsletter article in spring 2023. Targeted outreach to a pilot neighborhood will take place in March, with a field meeting on trail maintenance. This pilot area and process will be evaluated and further targeted outreach to HOAs, commercial property owners and individual property owners will occur in April and May. Staff will continue sending issues to Code Enforcement as needed. The information video will be created in April 2023 and posted on the Trail Maintenance webpage, Scottsdale Video Network and Scottsdale YouTube channel.

Transportation staff will evaluate the success of the outreach program and impacts on the improvements to the trail network.

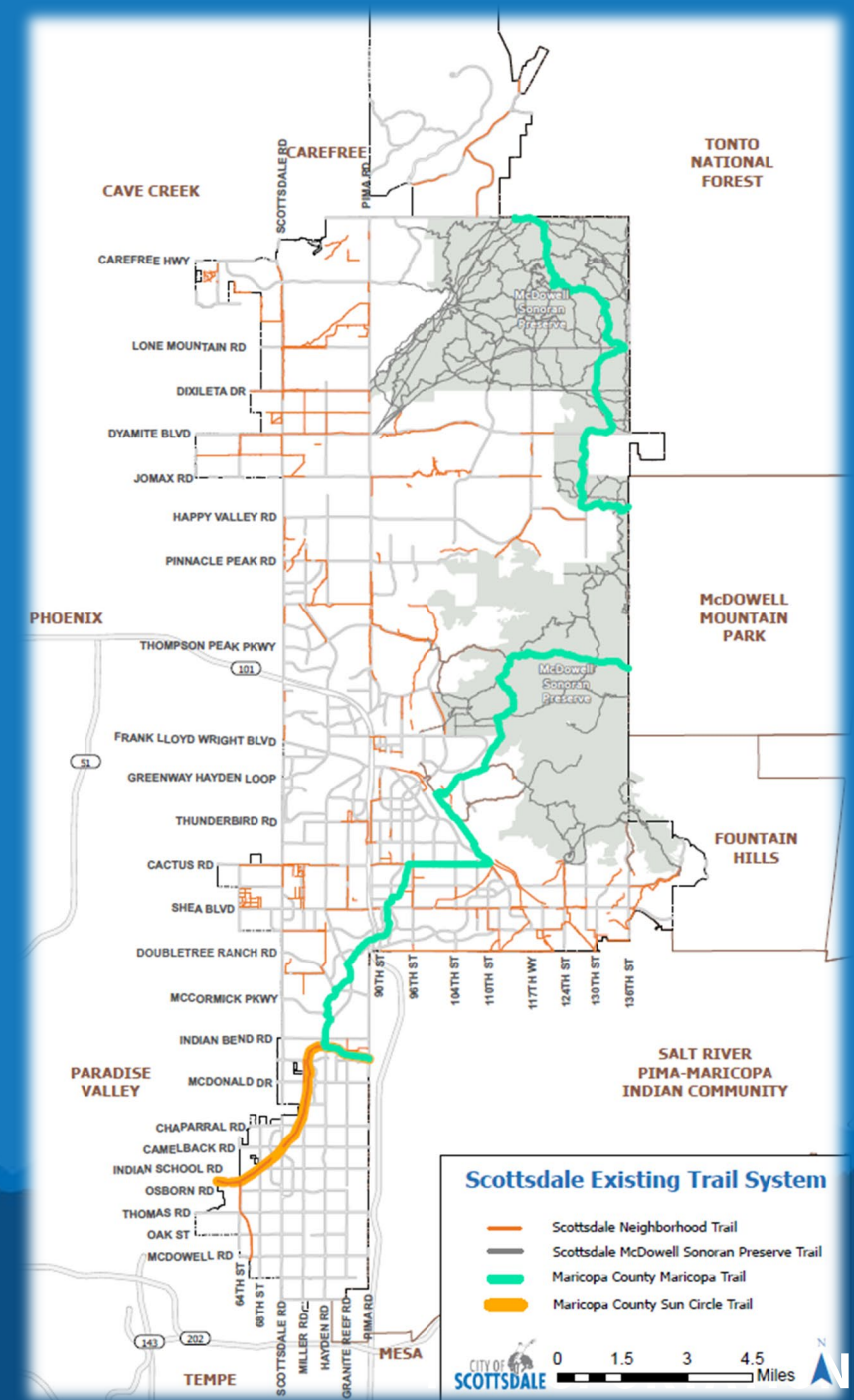
Staff Contact: Susan Conklu, 480-312-2308, sconklu@scottsdaleaz.gov

Trail Maintenance Outreach Plan

Paths & Trails Subcommittee
February 7, 2023

Background

- 153 miles of existing non-Preserve trails (based on recent parcel-level inventory)
 - City right-of-way and easements
- Trail maintenance communication plan in development
- Trail inventories
 - 2012 - previous inventory
 - 2022 - commenced in January



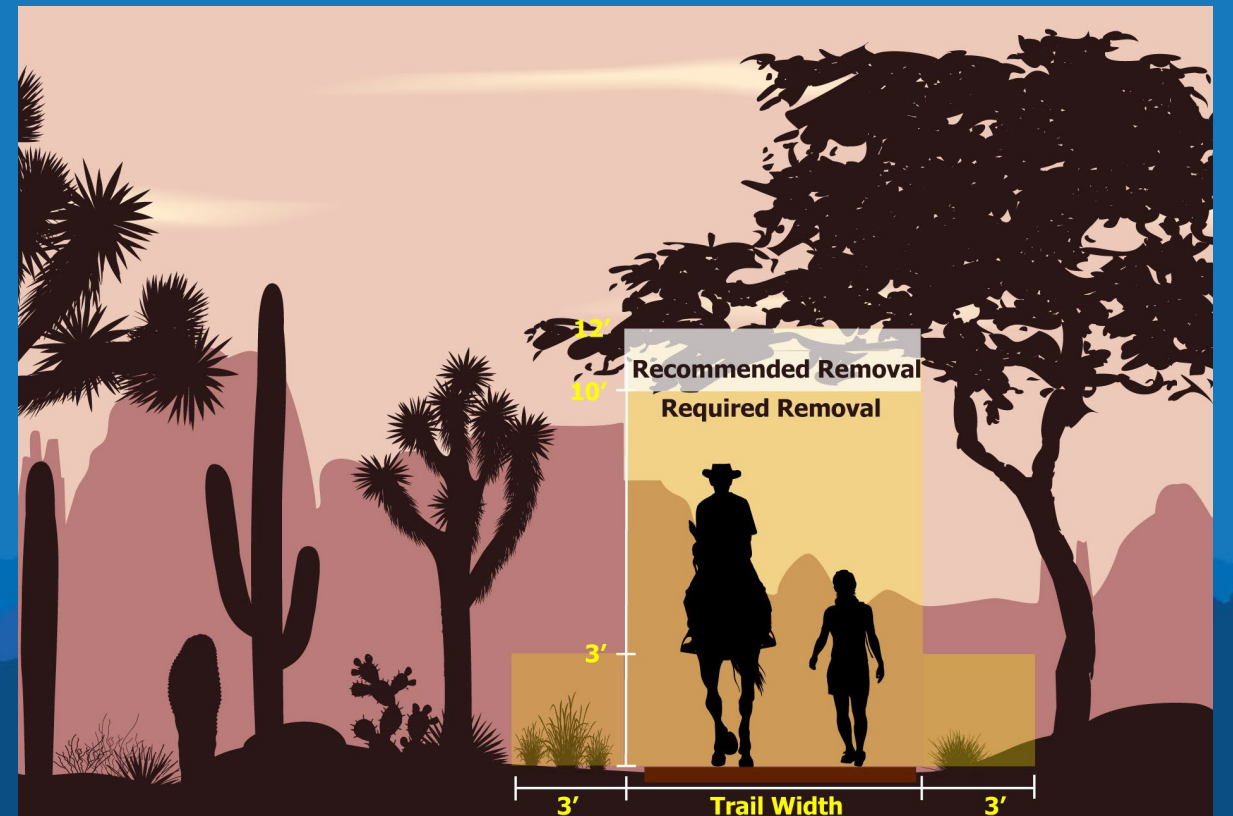
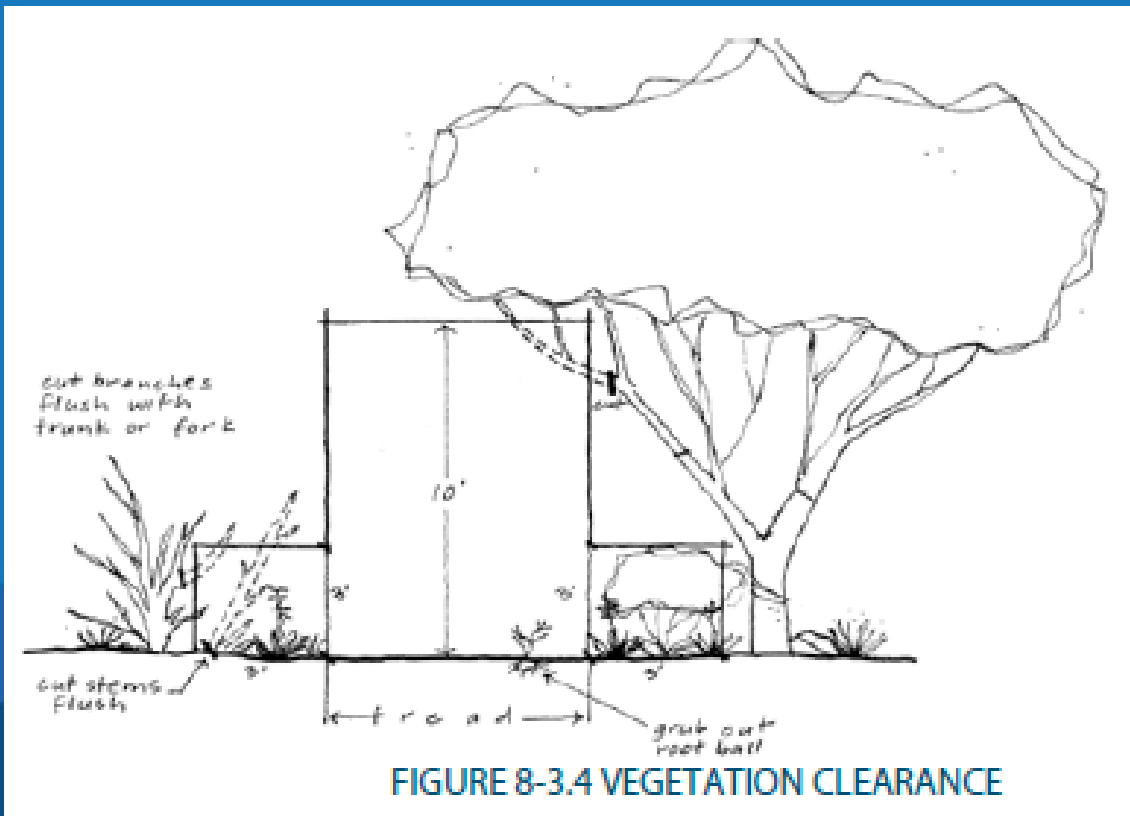
Maintenance Responsibility

Scottsdale Revised Code, Chapter 47. Section 47-47:

- “The owner of property adjacent to the right-of-way shall conduct routine property maintenance to keep the property and adjacent right-of-way in an orderly and safe condition.”
- “The owner of property adjacent to the right-of-way shall maintain the property so that it does not interfere with public uses of the right-of-way.”
- Citizens and city staff may report issues through ScottsdaleEZ

Trail Maintenance Information

- Scottsdale Design Standards and Policies Manual:
 - <https://www.scottsdaleaz.gov/design/DSPM>
 - Chapter 8-3 Non-Paved Trails



Transportation Action Plan

- Adopted by City Council April 26, 2022
- Trail Element
 - Goal TR-05 Educate the public about easements and maintenance responsibilities associated with the trail network
 - Policy TR-02 Trail obstruction: Coordinate with landowners regarding obstruction removal and require trail realignment by landowner if necessary
 - Performance measure TR-02 Mileage of rehabilitated trails per year

Trail Maintenance Outreach Plan

- Refined components and schedule for the trail maintenance communication plan
- Met with Code Enforcement, Citizen Services, Communications and Scottsdale Video Network staff
- Inventory of trail maintenance conditions January - July 2022



Trail Maintenance – Inventory Overview

- Used Latest Technology
- Specific Attribute Data
- Collected Data in Field - iPad
- Data Collection - Real Time

Legend

Trail_Inspections

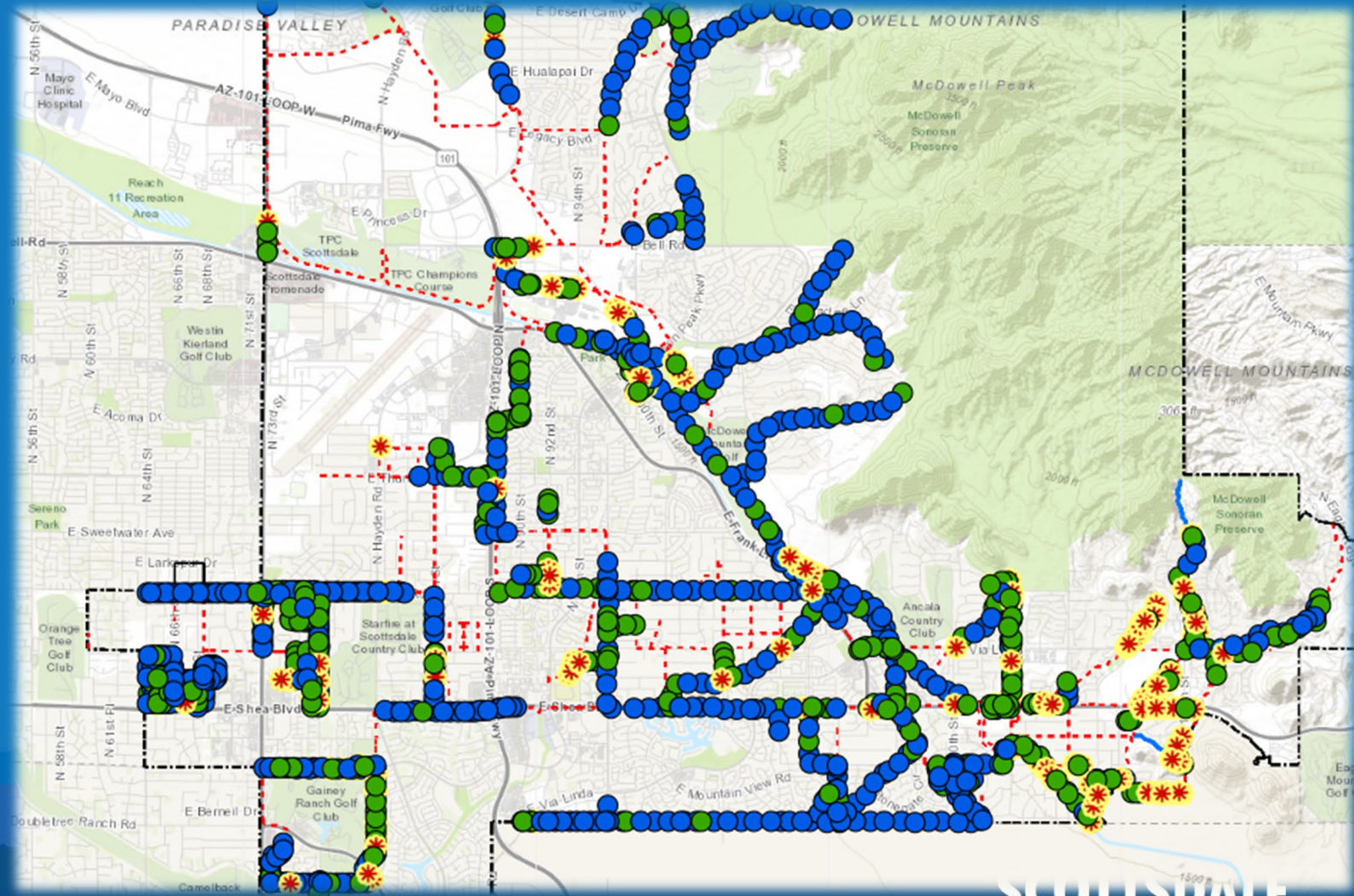
- ☀ IMMEDIATE
- MONITOR
- NONE

Trails_Outside_Preserve

- Existing
- - - Planned

City Boundary

- - -



Trail Maintenance – Data Review

- Data Queries Allow Identification of Specific Data for Review & Action

Legend

Trail_Inspections

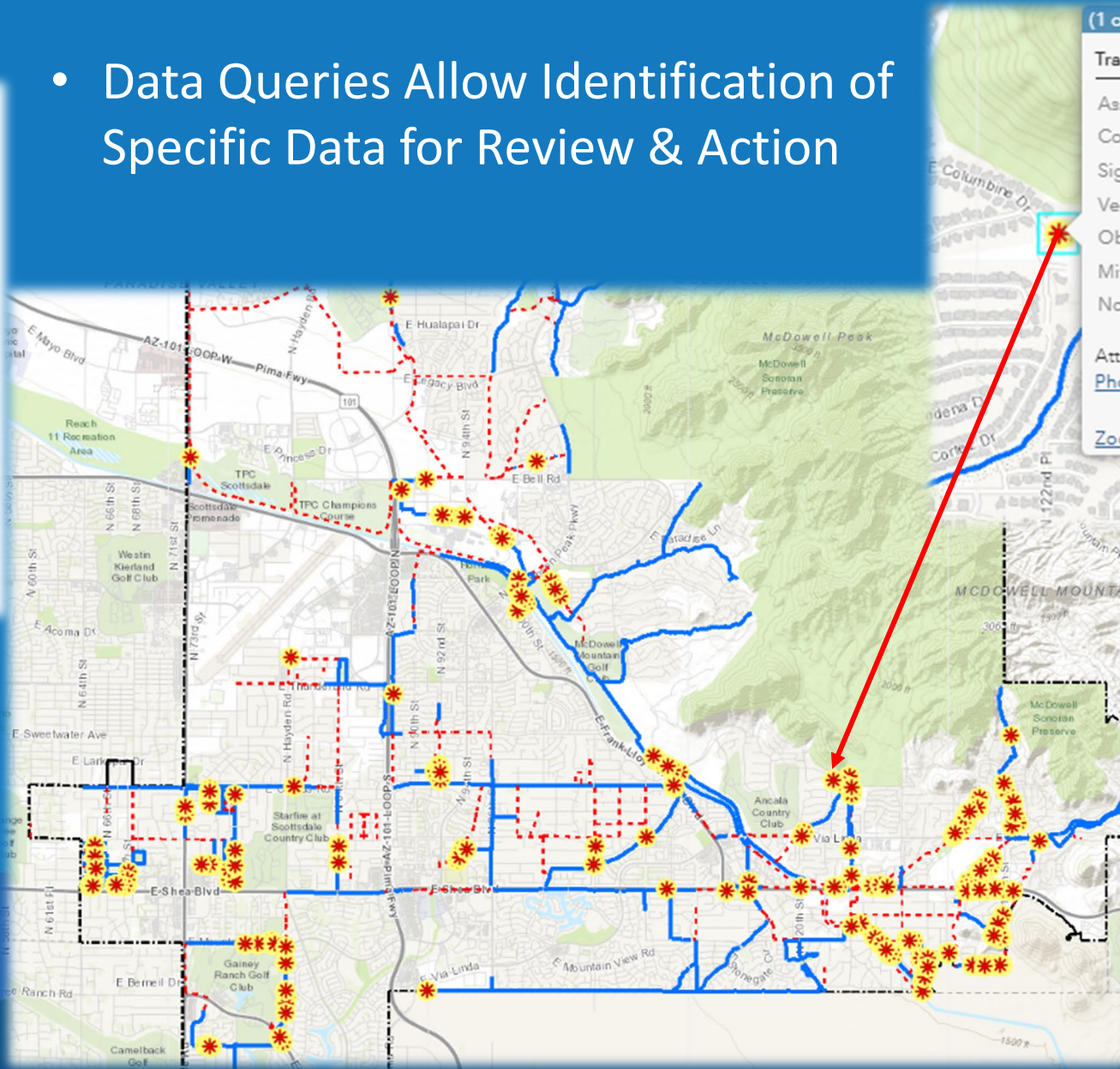
- ★ IMMEDIATE
- MONITOR
- NONE

Trails_Outside_Preserve

- Existing
- - - Planned

City Boundary

- - -



(1 of 2)

Trail Inspections:

Asset ID	
Condition	GOOD
Signage	ACCEPTABLE
Vegetation	PRUNE OVERHEAD
Obstruction	NONE
Mitigation	IMMEDIATE
Notes	

Attachments:

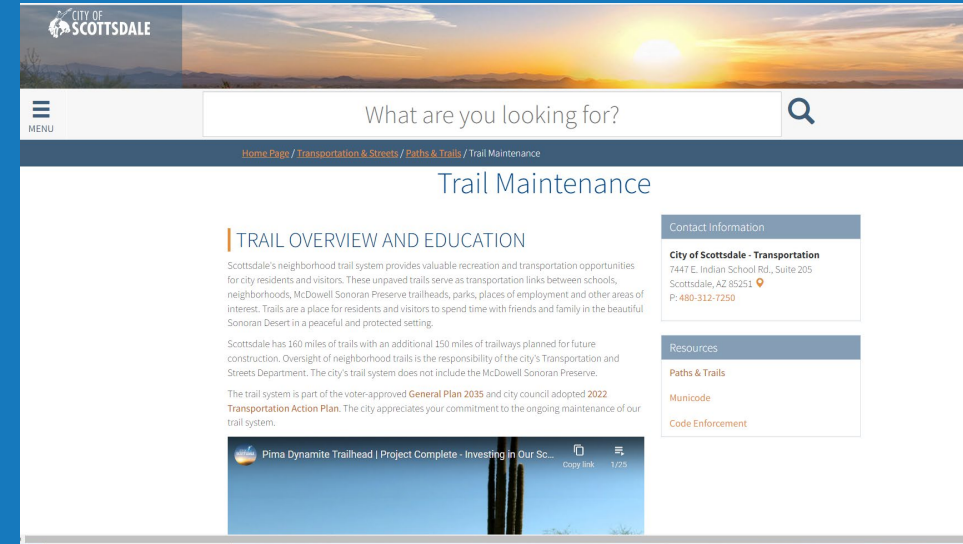
[Photo_1.jpg](#)

[Zoom to](#) [Edit](#) [Get Directions](#)



Update

- Analysis of parcels adjacent to trails (number and mileage)
 - HOAs and commercial properties – 2800 parcels/63% of mileage
 - Individual property owners – 425 parcels/21% of mileage
 - City-owned or public agency properties – 175 parcels/16% of mileage
- Trail Maintenance Webpage
 - Responsibilities
 - Link to interactive map with trails



Update

- June 7, 2022 Paths & Trails Subcommittee
- June 16, 2022 Transportation Commission
- June 2022 ScottsdaleEZ (web site) – trail maintenance link
- October 26, 2022 Neighborhood Advisory Commission
- November 16, 2022 Parks and Recreation Commission

Next Steps

- Publicize
 - Web article, social media, utility insert, Scottsdale Update Spring 2023
- Targeted outreach from Transportation
 - Pilot outreach area – Neighborhood Trail Maintenance Meeting in March
 - Evaluate the pilot area and process
 - HOAs and Commercial properties in April/ May
 - Individual property owners in April/ May



Next Steps

- Send issues to Code Enforcement as needed
- Video in April 2023 – webpage, Scottsdale Video Network and YouTube
- Evaluate the program success and impacts on the trail network



Questions?

SCOTTSDALE PATHS & TRAILS SUBCOMMITTEE REPORT

To: Paths and Trails Subcommittee
From: Susan Conklu, Senior Transportation Planner
Subject: Electric Bicycles, Scooters and Similar Devices
Meeting Date: February 7, 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.

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 five device sharing companies operating in Scottsdale: Bird, Spin, Boaz Bicycles, Fly and Lime. Both Lime and Bird have electric bicycles as well as scooters.

Next Steps:

There are several short, medium and long-term actions that Transportation staff is developing regarding scooters, e-bikes and bicycles.

Website and Restricted Areas – (Short-term)

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 will also include the information kiosks in Old Town. IT staff will upload the updated file to the Open Data Portal, so companies can access the Restricted Areas data for geofencing their operations. Staff are also working with PD on temporary restrictions during the upcoming Special Events “Super Season”. We can make these types of changes at any time without City Council action.

Dashboard – (Mid-term)

IT staff developed a device dashboard for city staff. This dashboard will show the locations of all rental scooters and e-bikes in real time. It will differentiate 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), and 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. Staff will also check to see what other compliance issues the dashboard can detect such as parking along narrow sidewalks, near curb ramps, etc.

Currently, IT staff are working on finalizing the dashboard and automatic notifications. Transportation staff have communicated the continuing concerns with each of the vendors.

Public Outreach (Mid-term)

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.

Ordinance Update (Long-term)

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

Staff will continue to monitor and evaluate the program. 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.

Staff Contacts:

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

Electric Bicycles, Scooters and Similar Devices

**Paths & Trails Subcommittee
February 7, 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
100	\$9,000	\$1,000	\$10,000
500	\$49,000	\$1,000	\$50,000
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
- Five companies operate in Scottsdale

Next Steps Short-term

- 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”
- Working with PD staff and the companies

Next Steps Mid-term

Device dashboard for city staff

- Will show locations of rental e-bikes and scooters in real time, by company and device type
- Devices that are out of compliance
- Automatic notifications through Scottsdale EZ

Public Outreach strategies

Next Steps Long-term

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

Some Key Data

138 - Total scooter related emergencies

22 - Citations for dangerous riding

246 - Total scooter related citations

2 – Average daily ScottsdaleEZ notifications

304,336 - Miles on Scooters

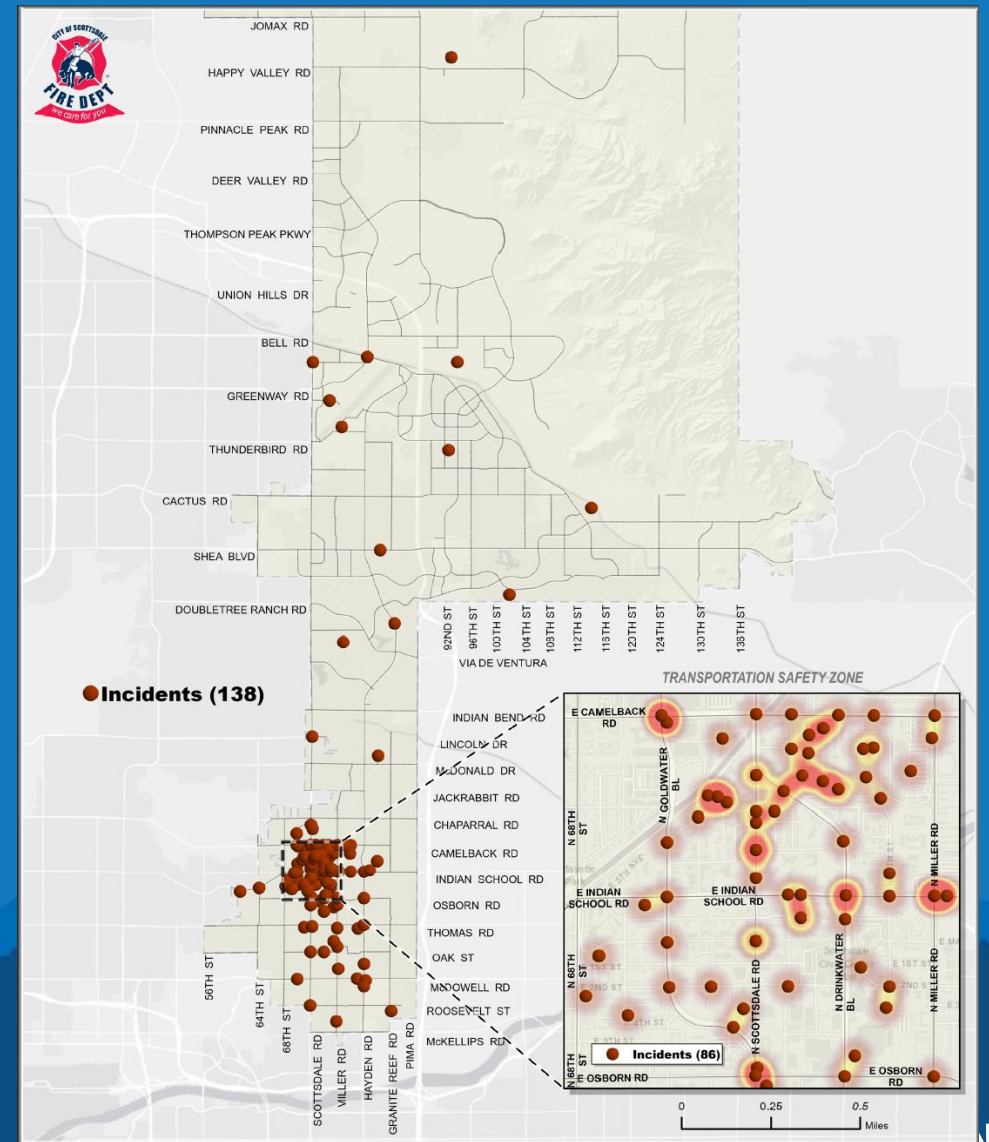
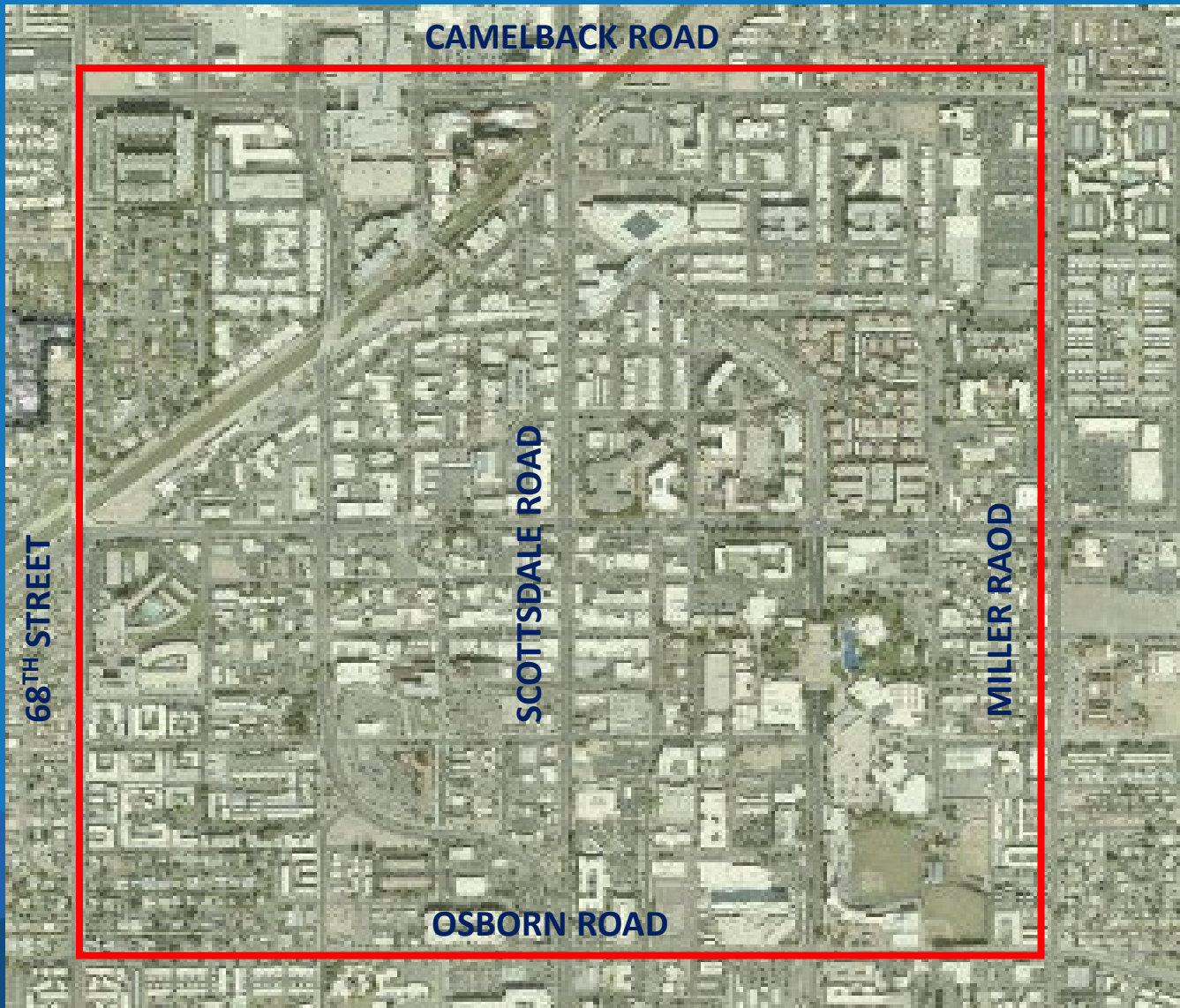
62,451 - Hours on Scooters

276,090 - Rides

Parking



Transportation Safety Zone



Riding in Parks Limited to Multi-Use Paths and Roadways Scooters and Bicycles Prohibited in the Civic Center Mall

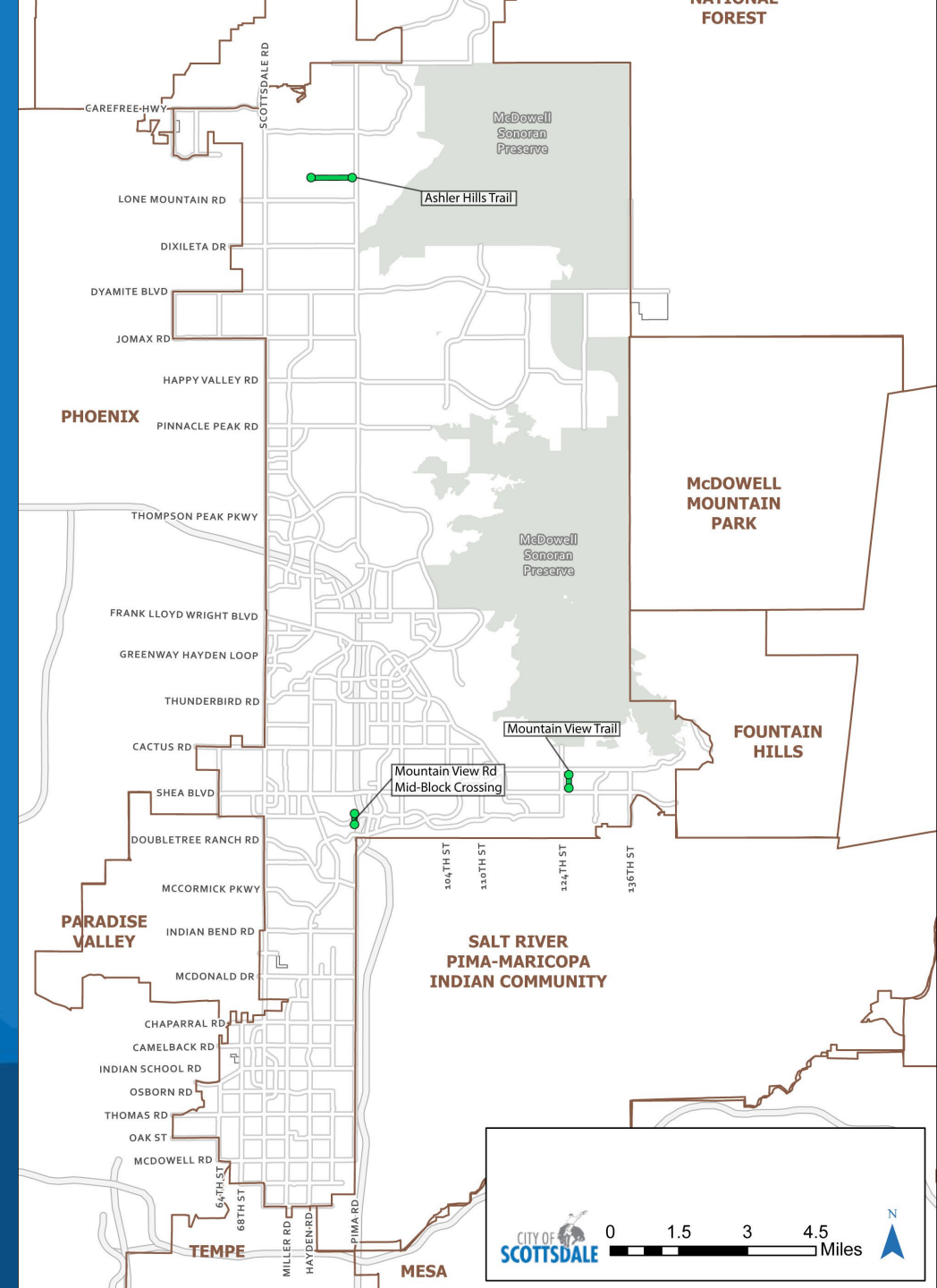


Projects and Programs Update

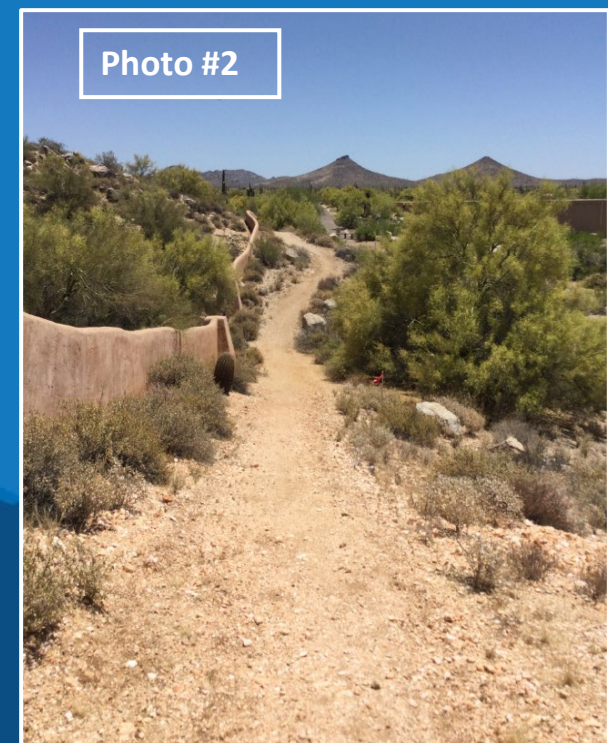
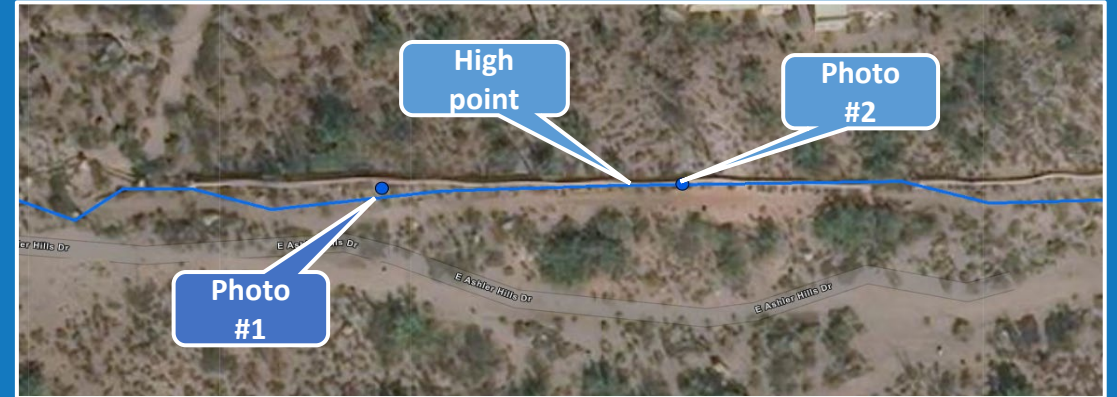
Paths & Trails Subcommittee
February 7, 2023

Trail Improvements and Mid Block Crossing

- Ashler Hills Trail
- Mountain View Trail
- Mountain View Rd Mid-Block Crossing



Ashler Hills Trail Railing Installation



Mountain View Trail Maintenance



- Before



- After



Mountain View Road Mid-Block Crossing Improvements

Before:



During Construction



After:



Improvements Completed Before Superbowl LVII

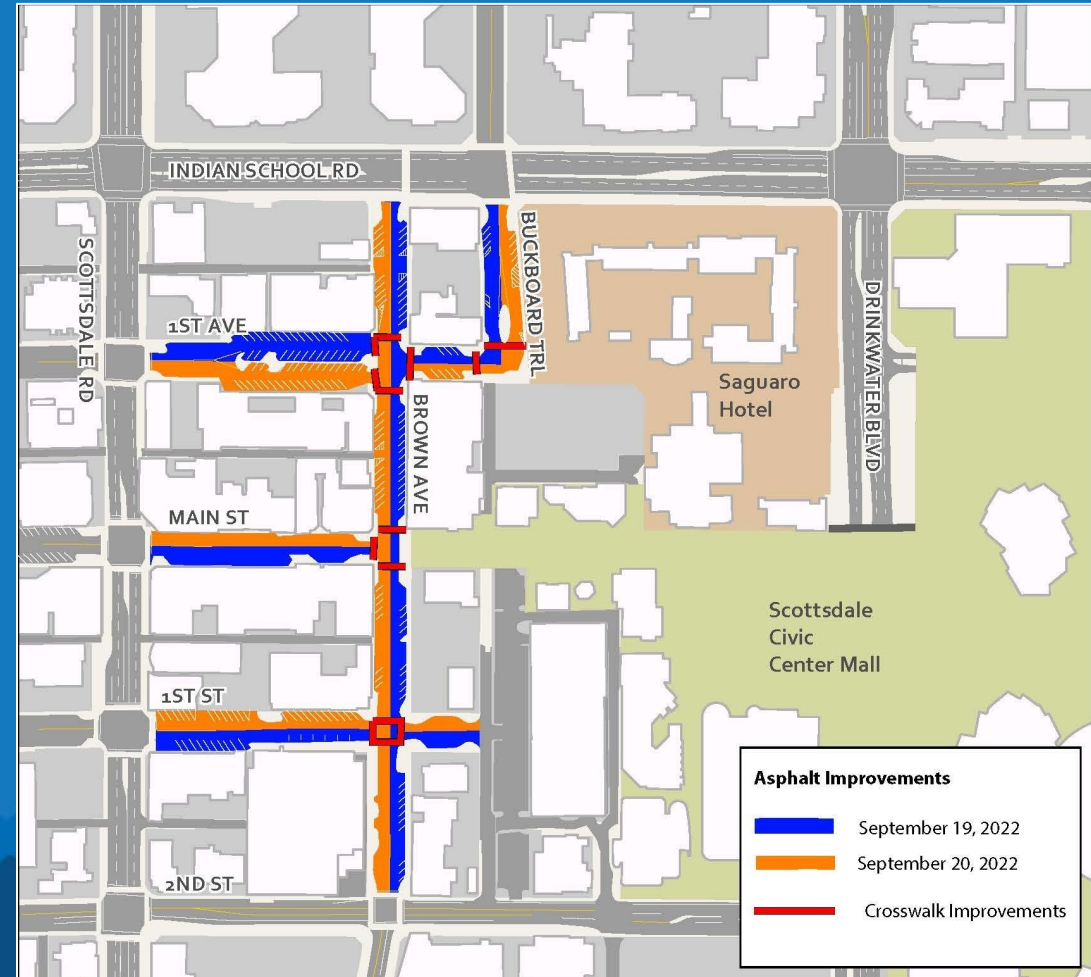
- Main St.
 - Civic Center
 - Old Town ADA Improvement
 - Old Town Alley Pavement
- Entertainment District
 - Old Town Bollards
 - Old Town Lighting
 - Monument Signs
- CIP Projects
 - Camelback Sidewalk
 - Osborn Complete Street (nearing completion)



Old Town Main St and Civic Center

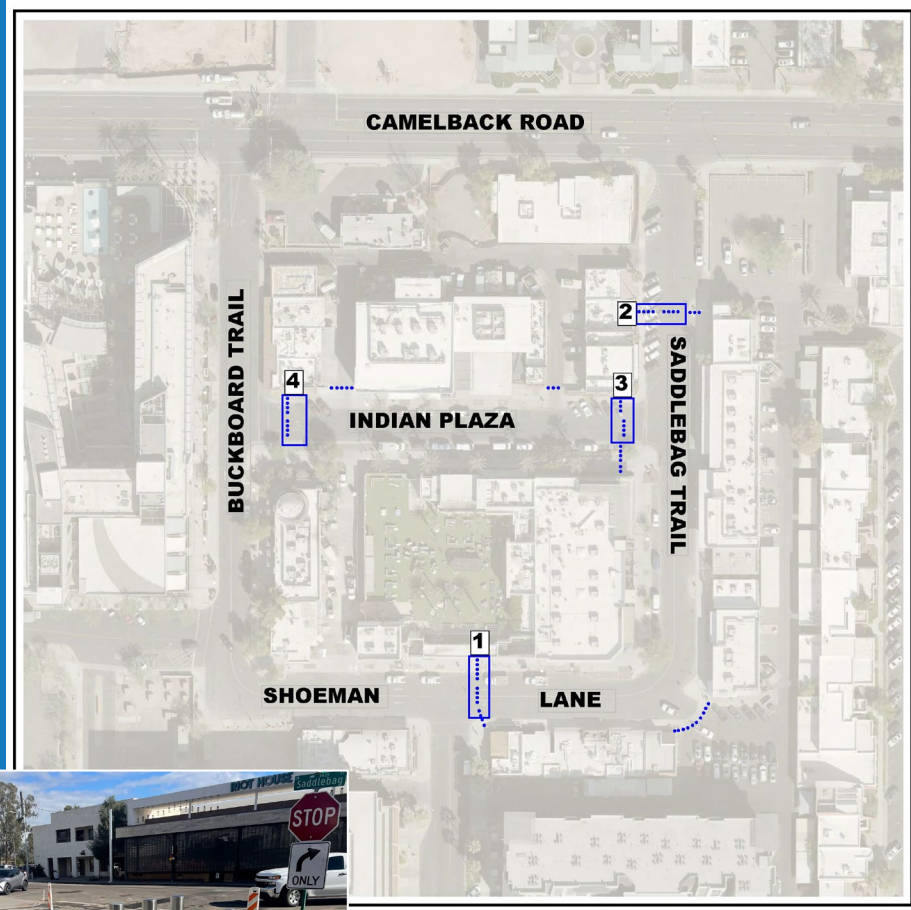


Old Town Repaving Alleys and Roads

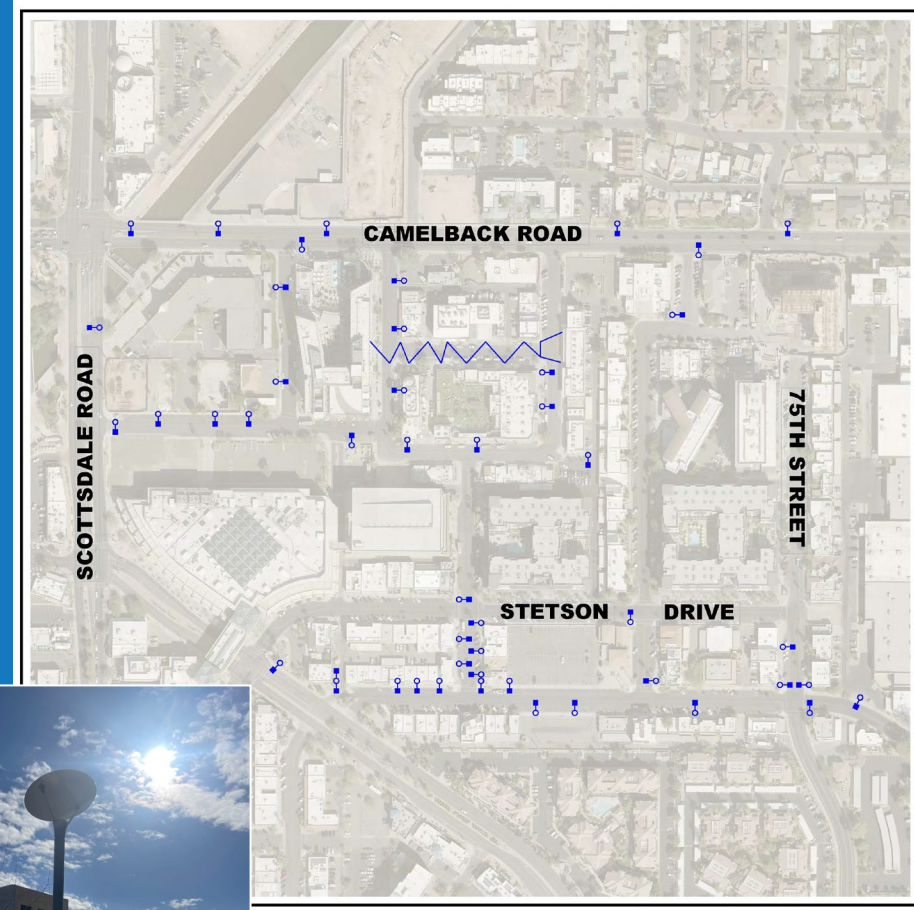


Entertainment District

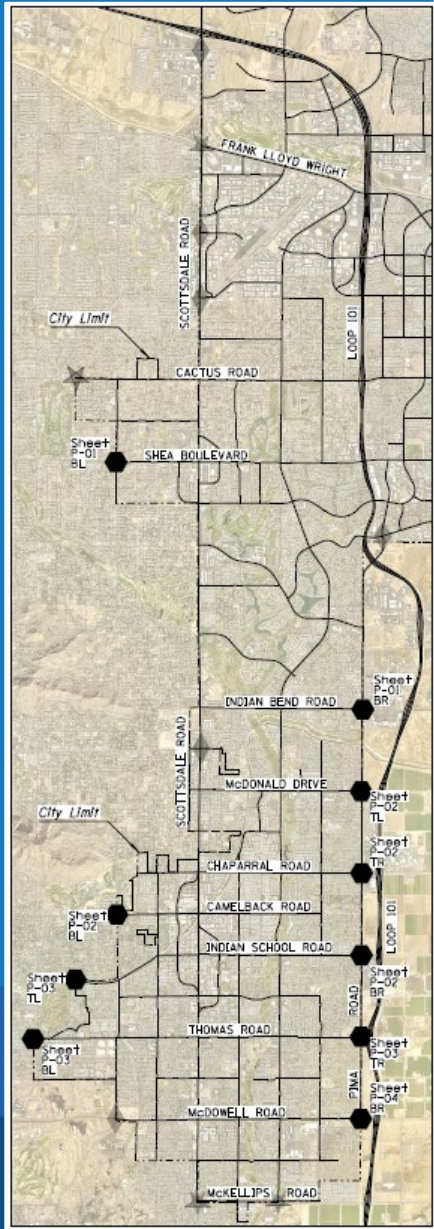
- Bollards



- New Pedestrian Lighting



New Welcome and Old Town Street Signage

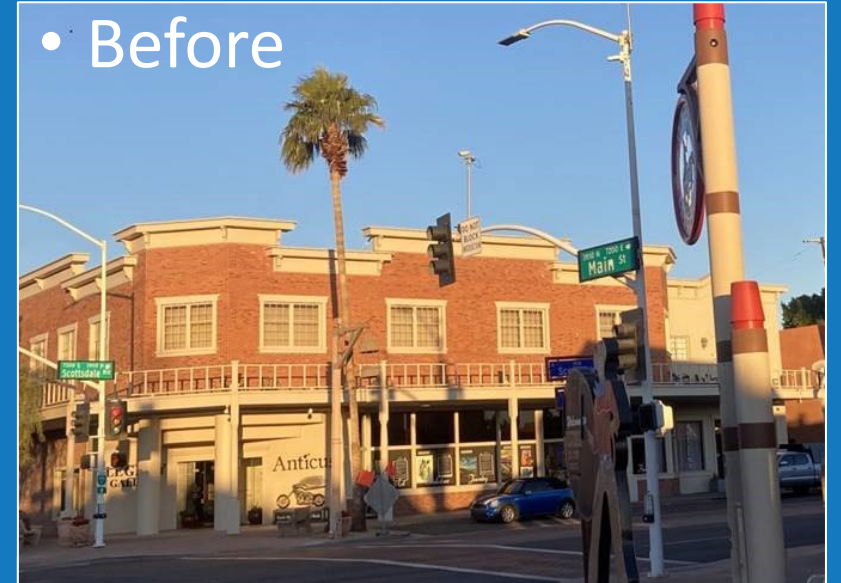


• Before

• After



• Before



• After



Camelback Road Sidewalk

Wider sidewalk (8') along north side of Camelback Road from Miller Road to 73rd Street.

- Relocated water meters, fire hydrants
- Relocated Variable Speed limit and Speed Feedback signs
- Undergrounded power lines
- Continued coordination with other major projects in the area

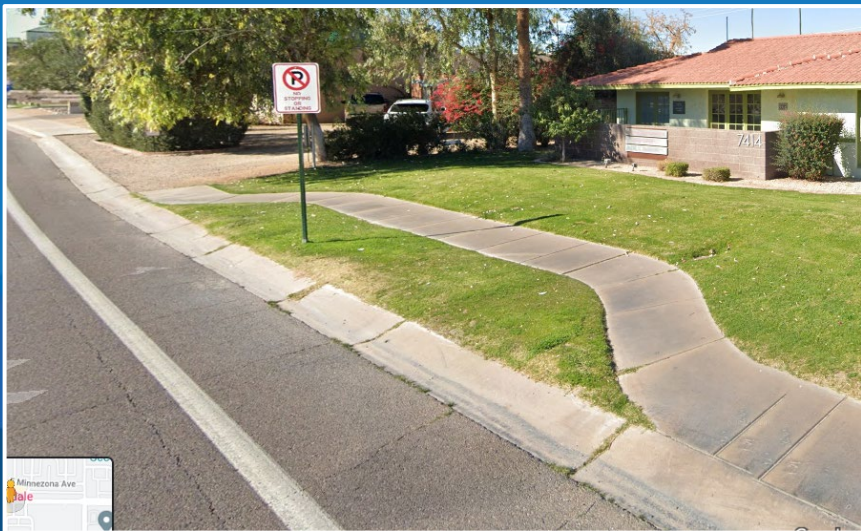
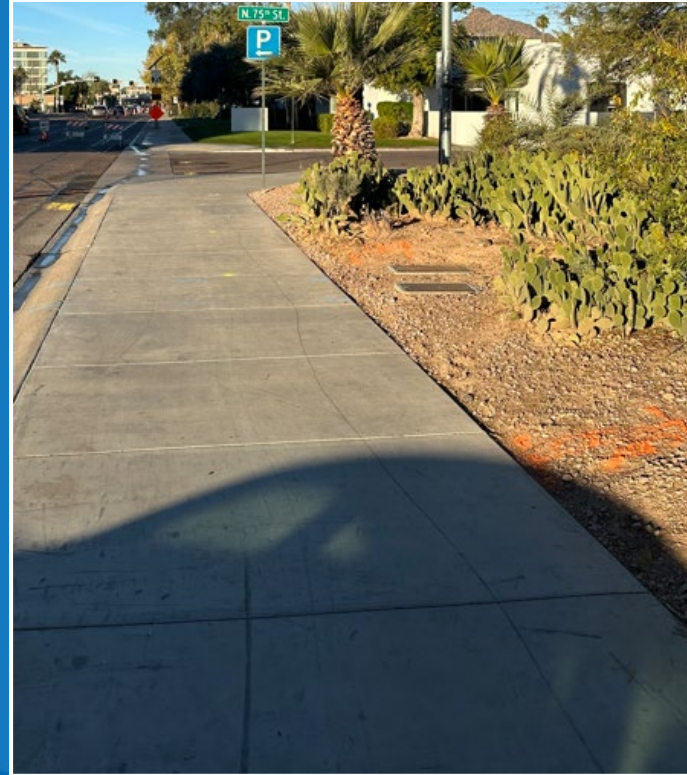


Camelback Road Sidewalk

Before



Construction Complete

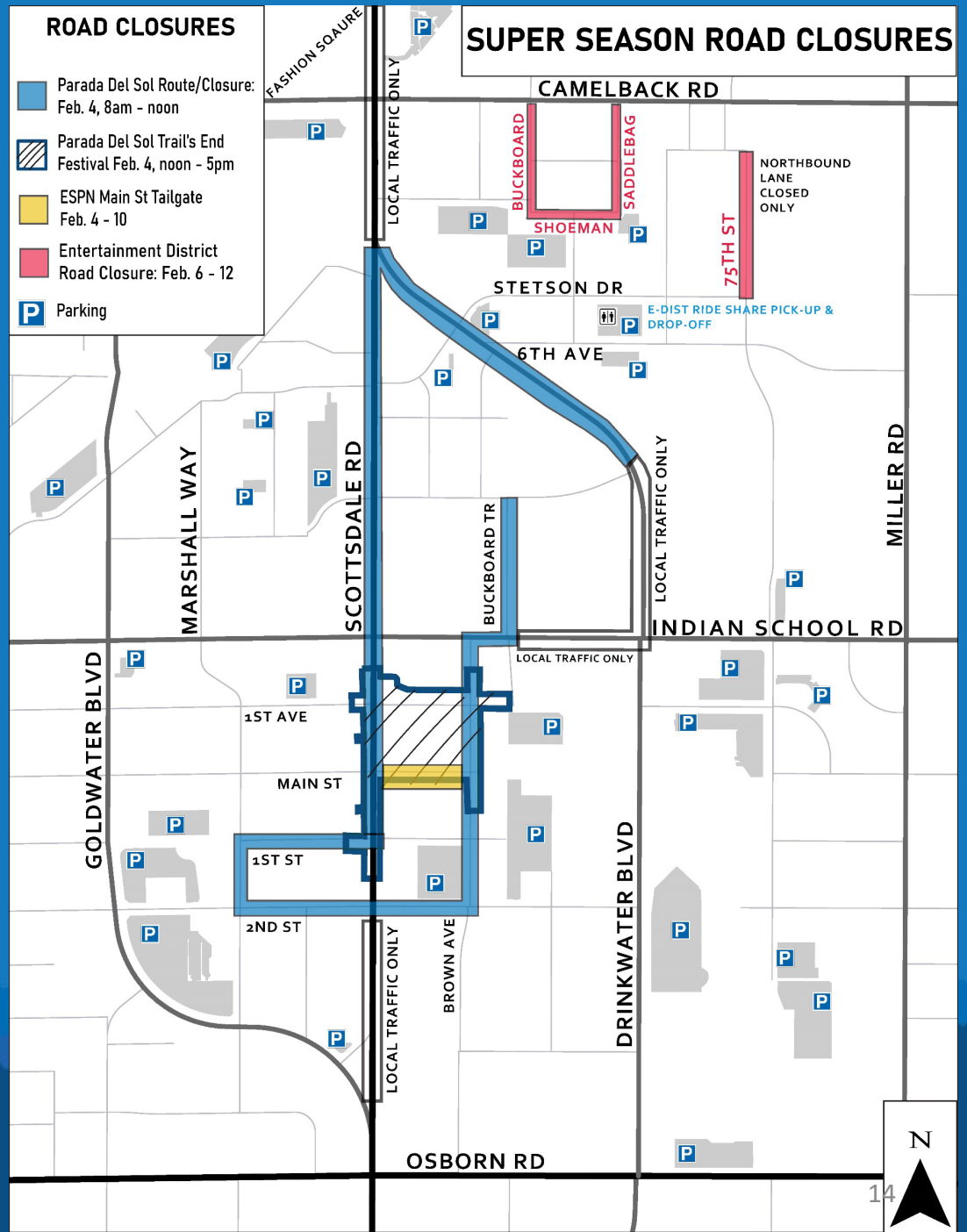


Close to Completion

- 75% complete.
- Currently operational
- Remaining
 - South side of the round about
 - Repaving
 - Restriping



Upcoming Closures During February Events



Thank you. Questions?

TENTATIVE FUTURE AGENDA ITEMS

Rev.1-31-23

All Items Subject to Change

TRANSPORTATION COMMISSION

MEETING DATE: February 16, 2023

REPORTS/PRESENTATIONS DUE February 9

- **Approval of Meeting Minutes** Action
Approval of Regular meeting minutes January 19, 2023
- **Election of Officers**..... Action
An election of Chair and Vice-Chair for 2023 -Transportation Commission Members
- **Sensagrate Pilot Project: Monitoring Pedestrian Conflicts at the Scottsdale and Camelback Intersection**.....Presentation and Discussion
Discuss Sensagrate Pilot Project in Scottsdale and how the results can be utilized – Darryl Keeton, Sensagrate
- **Traffic Signals, Improved Crossings and RSA Update**Presentation and Discussion
Follow up on the initial presentation from staff – Kiran Guntupalli, Principal Traffic Engineer
- **Trail Maintenance Public Outreach Program**.....Presentation and Discussion
Information on the Trail Maintenance Public Outreach Program – Susan Conklu, Senior Transportation Planner and Cristina Lenko, Public Information Officer

MEETING DATE: March 16, 2023

REPORTS/PRESENTATIONS DUE March 9

- **Approval of Meeting Minutes** Action
Approval of Regular meeting minutes February 16, 2023
- **Construction Impact Mitigation Plan**.....Presentation and Discussion
Follow up on the initial presentation from staff – Walt Brodzinski, Right-of-Way Manager
- **Projects and Programs Update**Discussion
A continuing overview of Transportation & Streets divisions and programs/projects – Mark Melnychenko, Transportation & Streets Director

MEETING DATE: April 20, 2023

REPORTS/PRESENTATIONS DUE April 13

- **Approval of Meeting Minutes** Action
Approval of Regular meeting minutes March 16, 2023
- **Paratransit Update**.....Presentation and Discussion
Update Paratransit including Cab Connection, Ride-Choice and Dial-a-Ride programs – Tom Young, Valley Metro and Joan Freeman, Transportation Representative
- **Transit System Update**.....Presentation and Discussion
Update on the primary items associated with the transit system post-Covid era – Ratna Korepella, Transit Manager
- **Bus Stop Lighting**.....Discussion
Discuss future plans to light bus stop shelters – Ratna Korepella, Transit Manager

FUTURE ITEMS:

INFORMATION ITEMS

- **Shea and 124th Street Underpass**Information
Update on underpass – Susan Conklu, Senior Transportation Planner
- **Federal Highway Administration’s Safety Countermeasures**.....Information

Update on the FHWA's new safety countermeasures for pedestrians and bicycles – Dave Meinhart, Transportation Planning Manager

- **Review of Travel Demand Patterns**.....**Information**
Information on how travel demand patterns effects roadway improvements – Kiran Guntupalli, Principal Traffic Engineer
- **Update on Cool Paving Results****Information**
Information on the results from Cool Paving – Shayne Lopez, Street Operations 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

TRANSPORTATION & STREETS DEPARTMENT ACTIVITIES

- **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 – Shayne Lopez, Paving Manager
- **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
- **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
- **Alternate Modes of Transportation**.....**Presentation and Discussion**
Discuss alternative modes of transportation including electric bicycles, scooters, and pedestrian improvements – Susan Conklu, Senior Transportation Planner
- **Expanding Maintenance Needs**.....**Presentation and Discussion**
Maintenance of current infrastructure – Mark Melnychenko, Transportation & Streets Director
- **Linking the Five-Year Paving Plan to Restriping Efforts**.....**Presentation and Discussion**
Discussion around linking the five-year paving plan and restriping along with the Transportation Action Plan (TAP) – Shayne Lopez, Paving Manager
- **2020 Traffic Volume and Collision Manual**..... **Presentation and Discussion**
Summarize the information in the recently published 2020 Traffic Volume and Collision Manual – Kiran Guntupalli, Traffic Engineer Principal and Parker Murphy, Traffic Engineer
- **No Engine Braking Ordinance Update**.....**Presentation and Discussion**
Discuss the recently approved no engine braking ordinance and its application -Phil Kercher, Traffic Engineering and Ops Manager and Walt Brodzinski, Right-of-Way Manager
- **Leading Pedestrian Interval Policy**.....**Presentation and Discussion**
Discuss Leading Pedestrian Interval Policy and how the city applies it – Hong Huo, Traffic Engineer Principal
- **Roundabout Education**.....**Presentation and Discussion**
Discuss benefits of Roundabouts and how success is evaluated – Phil Kercher, Traffic Engineer & Ops Manager
- **Update on Traffic Safety****Information**
Information on traffic safety as it relates to pedestrian and automobiles in the city of Scottsdale – Kiran Guntupalli, Principal Traffic Engineer

PATHS & TRAILS SUBCOMMITTEE

MEETING DATE: April 4, 2023

REPORTS/PRESENTATIONS DUE March 28

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes of February 7, 2023

- **Wayfinding Signage** **Information**
Update on the wayfinding signage – Susan Conklu, Senior Transportation Planner
- **Upcoming Grant Projects** **Information**
Information on upcoming grant projects – Susan Conklu, Senior Transportation Planner

FUTURE ITEMS:

INFORMATION ITEMS

TRANSPORTATION & STREETS DEPARTMENT ACTIVITIES

- **Access to Indian Bend Wash** **Presentation and Discussion**
Better access and how the Parks Dept. can assist. – Susan Conklu, 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
- **Pavement Restriping** **Presentation and Discussion**
Information on the coordination of re-paving and re-striping – Dave Meinhart, Transportation Planning Manager