



**SCOTTSDALE TRANSPORTATION COMMISSION
Notice and Agenda**

Date: Thursday, June 16, 2022
Time: 5:15 P.M.
Location: Kiva – City Hall
3939 N. Drinkwater Boulevard
Scottsdale, AZ 85251

Call to Order

Roll Call

| | |
|----------------------------|-------------------------------|
| Don Anderson, Vice-Chair | Mary Ann Miller, Commissioner |
| Pamela Iacovo, Chair | Kerry Wilcoxon, Commissioner |
| Karen Kowal, Commissioner | VACANT |
| B. Kent Lall, Commissioner | |

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

Public Comment

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

Written comment is being accepted for both agenda items and non-agenda items and should be submitted electronically at least 90 minutes before the meeting. These comments will be emailed to the Transportation Commission and posted online prior to the meeting. To submit a written public comment electronically, please [click here](#).

- [Approval of Meeting Minutes](#)----- Discussion and Action**
Regular Meeting of the Transportation Commission – May 19, 2022
- [Paths and Trails Subcommittee Update](#)----- Information**
Information on items the Paths and Trails Subcommittee has covered the past year – Don Anderson, (Chair) Paths and Trails Subcommittee
- [Path Counters: First Year Data Review](#)-----Information**

Discussion and analysis of the first full year of data collected using a network of Eco-Counters installed in April 2021 - Nathan Domme, Senior Transportation Planner

4. [Trail Maintenance Public Outreach Program](#) -----**Information**
Review timeline and implementation approach for improving maintenance of unpaved trails located outside of the McDowell Sonoran Preserve – Susan Conklu, Senior Transportation Planner

5. [Projects and Programs Update](#) -----**Information**
A continuing overview of Transportation & Streets divisions and programs/projects. This item will focus on the Street Maintenance Section – Mark Melnychenko, Transportation & Streets Director

6. [Commission Identification of Future Agenda Items](#)----- **Discussion**
Commission members identify items or topics of interest to staff for future Commission presentations

Adjournment



Persons with a disability may request a reasonable accommodation by contacting Kyle Lofgren at 480-312-7637. 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 Kyle Lofgren at 480-312-7637.



DRAFT SUMMARIZED MINUTES

**CITY OF SCOTTSDALE
TRANSPORTATION COMMISSION
REGULAR MEETING**

**Thursday, May 19, 2022
Kiva-City Hall
3939 N. Drinkwater Boulevard
Scottsdale, Arizona 85251**

CALL TO ORDER

Vice Chair Anderson called the regular meeting of the Scottsdale Transportation Commission to order at 5:16 p.m.

ROLL CALL

PRESENT: Pamela Iacovo, Chair
Don Anderson, Vice Chair
Karen Kowal
B. Kent Lall
Kerry Wilcoxon

ABSENT: Mary Ann Miller

STAFF: Mark Melnychenko, Transportation & Streets Director
Cristina Lenko, Public Information Officer
Ratna Korepella, Transit Manager
Joshua Gutierrez, Senior Transit Planner
Dave Meinhart, Transportation Planning Manager
Susan Conklu, Senior Transportation Planner
Brandon Wagner, Transit Coordinator
Daniel Alirr, Transportation Representative
Joan Freeman, Senior Transportation Representative.
Kyle Lofgren, Office Manager

PUBLIC COMMENT

There were no public comments.

1. APPROVAL OF MINUTES

Grammatical corrections were made.

VICE CHAIR ANDERSON MOVED TO APPROVE THE REGULAR MEETING MINUTES OF THE TRANSPORTATION COMMISSION ON APRIL 21, 2022 AS AMENDED. COMMISSIONER WILCOXON SECONDED THE MOTION, WHICH CARRIED 4-0 WITH VICE CHAIR ANDERSON, COMMISSIONERS KOWAL, LALL AND WILCOXON VOTING IN THE AFFIRMATIVE WITH NO DISSENTING VOTES. CHAIR IACOVO ABSTAINED.

2. INFORMATION ON THE PUBLIC OUTREACH PROCESS

Mark Melnychenko, Transportation & Streets Director, prefaced the presentation by discussing the City's current challenges and successes in filling vacant positions in the Department. He introduced Cristina Lenko, Public Information Officer, and provided a brief biography. Ms. Lenko gave an overview of her job position, duties and responsibilities. She discussed promotion and outreach regarding the Transportation Action Plan (TAP). Other outreach topics covered by her position include Traffic restrictions, pavement preservation, street maintenance, traffic engineering, Bike Month and bike events, Shared Path Guidelines, Trail Education and Maintenance and Scottsdale Trolley. Examples of projects and outreach methods were discussed.

Commissioner inquired as to outreach at neighborhood meetings or community fairs. Ms. Lenko confirmed that the Department attends a variety of events, such as Earth Day, Breakfast with the City Council, tree planting, Senior Expo and Benefits Fair.

Commissioner stated that in the past, the Commission has heard complaints from business owners regarding lack of customer access during construction projects and Commissioner inquired as to whether this is being specifically addressed. Ms. Lenko stated that the closest work she personally takes part in in this area involves traffic restrictions and major repaving projects. She reviews 15 to 20 traffic control plans on a daily basis. She looks at length of the project and project location relative to businesses and schools in order to conduct outreach. For major concerns, she consults traffic engineers for more information and possible mitigation methods. An important component is communication with such businesses in advance of project commencement. Commissioner clarified that this is more relevant for projects that take six months or longer and stressed the importance of sensitivity under those circumstances.

Commissioner inquired as to frequency of website updates. Currently, it is displaying the last daily traffic reports from 2018 as well as a 2007 downtown pedestrian motion study. Ms. Lenko acknowledged that the daily traffic reports are out of date. She also noticed that the TAP was not included. She will be working on updates and will follow up with the Commission in the next couple of weeks.

Commissioner asked whether staff receives metrics and counts of websites, webpages and video views. Ms. Lenko stated that this information is available through the IT Department and it would be helpful to incorporate this information into the regular scheduled maintenance of the transportation webpages.

Commissioner asked about the time frame for rebranding the trolley. Ms. Lenko stated that there is not a current time frame. At this time, the focus is on research and benchmarking with other municipalities who have rebranded their transit system in the past five years. She will keep the Commission updated as the project moves forward.

Chair commended the attractiveness of the Bike Monthly flyer. She referenced the Craftsman Court Alley Project and asked how much time ensues between notification and commencement of work for such a project. Ms. Lenko stated that larger projects have a longer lead time of three to four weeks.

Chair asked for more information on the artwork and artists for bike events. Ms. Lenko acknowledged that she does not have much information about this process. She did observe these activities during her time at the City of Tempe with the Light Rail transit project and original artwork for bike activities. She and Susan Conklu have met to discuss Bike Week and Cycle the Arts with considering for doing something similar in Scottsdale. This might include a formal call to artists. The plan is to meet with City of Tempe and Valley Metro on developing a plan.

Chair inquired as to where the videos will be shown. Ms. Lenko stated that they will be on the City website. Scottsdale Video Network also has a YouTube channel. She will look into including them in social media posts.

Mr. Melnychenko stated that staff linked the Cycle for the Arts event to the future Second Street project. This made information available for riders in the community along that route. Updates will be provided on public outreach efforts in coming meetings.

3. TRANSIT UPDATE

Ratna Korepella, Transit Manager, announced that the transit team is complete. She introduced department staff and provided a brief bio for each, including Joshua Gutierrez, Senior Transit Planner and Brandon Wagner, Transit Coordinator, Daniel Alirr, Transportation Representative, Joan Freeman, Senior Transportation Representative.

Mr. Gutierrez provided an overview of the City's transit services, including Scottsdale Trolley, fixed route services, ADA paratransit (Dial-a-Ride), Scottsdale Cab Connection and Valley Metro RideChoice. The Department collects transit data via a number of methods, including Service analysis, bus stops, fleet, transit technology and public feedback. Average boarding rates and details were reviewed for all programs, with volumes generally showing recovery from the lows seen during the pandemic. Fleet and bus stop maintenance programs were reviewed. The Department is currently undertaking a bus stop inventory project, which will collect information on amenities, shelters and location details. The data will be used to develop ways to improve the bus stops to better align with City goals.

Internal and external collaborate efforts were discussed:

Internal

- Community Relations Department
- Construction and Project Management
- Facilities
- Fleet

- Neighborhood/Community Centers
- Right-of-Way
- Senior Centers
- City of Scottsdale Emergency Services
- Streets and Signs Traffic Management Center

External

- City of Phoenix: Transit and IT
- Dunn Transportation
- Contracted Repair Vendors
- Scottsdale Unified School District
- Service Link
- Valley Metro
- Customer Assistance System
- Special Event Support

Mr. Gutierrez reviewed transit technology methods, including Computer-Aided Dispatch/Automatic Vehicle Locator (CAD/AVL) and automatic passenger counting (APC). The tools are used to determine frequency of service and rerouting plans. Bus Rapid Transit service is the most transit service with the highest ridership. Staff is working to develop efficient and essential connections to resources such as regional light rail, Tempe Streetcar and other connections. Future transportation enhancements include transit signal priority, which provides additional time for buses to travel through an intersection by keeping the green light on longer. It improves on-time performance for riders.

Next steps for the Department include:

- Bus stop improvement program (data driven)
- Modernize Cab Connection Program
- Micro transit
- Trolley marketing
- Rider input

Vice Chair asked how often bus stops are cleaned not as a response to a customer complaint. Mr. Gutierrez stated that there is a regular cleaning schedule. The Department is working to identify hot spots of high activity, where garbage collects on a daily basis. Mr. Wagner added that staff is working to complete the inventory, which includes a log of complaints and locations.

In response to a question from Vice Chair, Ms. Korapella stated that the City may have 12 vehicles on the road at any given time. Five vehicles are spares and five in contingency.

Commissioner inquired as to the factors preventing a full rebound of ridership. Mr. Gutierrez surmised that the pandemic resulted in a shift toward virtual working, which is a major contributor to the trend. Other shifts relate to health-related concerns and pandemic exposure. The City has taken steps to communicate availability of a reliable service as well as practices to keep customers safe. Ridership has slowly come back since the pandemic.

Vice Chair asked whether riders are able to track trolley locations in real time. Mr. Gutierrez confirmed that buses are available for tracking via the Valley Metro website as well as the transit

app. In response to a Commissioner request for clarification, Mr. Gutierrez stated that tracking is available on all the City's transit services.

Commissioner inquired as to the progress for replacement of trolleys. Ms. Korapella stated that three were replaced in January of 2021. The original plan was to retire more busses, however, with the pandemic downturn, the buses did not reach their mileage limits for replacement.

Chair asked how an individual would know how to use Cab Connection, RideShare or Dial-A-Ride. Mr. Gutierrez stated that they could access the information either through the City's website or Valley Metro's website.

Chair asked for staff's thoughts on the current 20 minute frequency for the trolleys. Mr. Gutierrez stated that in looking at the data, the current interval has been effective.

Chair inquired as to whether there are any TSP locations in the City. Mr. Gutierrez stated that to his knowledge, there are no such locations, however this is being reviewed currently.

4. OTHER TRANSPORTATION PROJECTS AND PROGRAM STATUS

Mr. Melnychenko provided an overview of projects and programs:

- Maintenance
 - Roads/shoulders
 - Alley maintenance
 - Street sweeping
 - Concrete
 - National Pollutant Discharge Elimination System (NPDES)
- Arizona Canal maintenance: Hayden Road to Pima Road
- Pavement management update
- 87th Terrace lighting
- Update on recent items brought to the Commission
 - Improved crossing to Canal Path
 - Construction Mitigation Plan

Commissioner asked for clarification on the comment that the canal path by Jackrabbit is unsafe. Mr. Melnychenko stated that community comments reflect that the bridge connection to the canal exists on the curve of the road. This creates a lack of visibility and speeding issues. Mitigation options are being reviewed.

Commissioner referred to the ADA ramps in the pavement management program and inquired whether they are new or being brought to current standards. Mr. Melnychenko said it is a mix of both new ramps and upgrades to others.

Commissioner asked whether goals to crack seal, microseal and overlay are being affected by the price increases for materials. Mr. Melnychenko confirmed that there have been considerable price increases on materials across the board.

5. COMMISSION IDENTIFICATION OF FUTURE AGENDA ITEMS

The following agenda item was identified:

- Follow ups as noted during this meeting
- Super Bowl update

6. ADJOURNMENT

With no further business to discuss, being duly moved by Vice Chair Anderson and seconded by Commissioner Wilcoxon, the meeting adjourned at 7:09 p.m.

AYES: Chair Iacovo, Vice Chair Anderson, Commissioners Kowal, Lall and Wilcoxon

NAYS: None

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>**

SCOTTSDALE TRANSPORTATION COMMISSION REPORT



To: Transportation Commission
From: Nathan Domme, Senior Transportation Planner
Subject: Path Counter: First Year Data Review
Meeting Date: June 16, 2022

ITEM IN BRIEF

Action: Presentation and discussion

Purpose:

Provide a review of pedestrian and bicycle counts taken at nine permanent counter locations over a one-year period between May 1, 2021, and April 30, 2022.

Background:

In late 2018, Scottsdale added an EcoCounter with the Crosscut Canal Bridge and Path south of McDowell Road. This device counts bicyclists and pedestrians and includes the direction of travel. The data is automatically uploaded to the EcoCounter website, where Transportation staff can access the data and run reports.

In April 2021, Scottsdale added eight additional permanent bike and pedestrian counters throughout the non-motorist network. Four were added to the Indian Bend Wash Greenbelt between McKellips Road and McCormick Parkway, and four were added around key locations off the greenbelt (see Attachment 1).

Now that all 9 counters have been deployed in the field for a year, we are able to complete analysis of usage by mode, month, day of the week and time of day. Due to the locations of the counters, we are also able to compare usage along the Indian Bend Wash Greenbelt to usage at non-Greenbelt sites.

Information:

Whole Network Numbers

The activity along the paths totaled 1.42 million users in the year's span and is detailed in Figures 1 and 2. Usage was weighted more towards cyclists, with 839,500 trips making up 59% of the total. The remaining 584,000 trips were taken by pedestrians. These numbers show a strong interest in and use of our path system. The Greenbelt counter sites have significantly more activity than the non-Greenbelt sites, with 68% of the usage. Ranking of individual sites shows Indian School as the number 1 site, followed by Chaparral Park and Vista Del Camino Park as the top 3.

Figure 1
Total Counts from April 2021 to April 2022

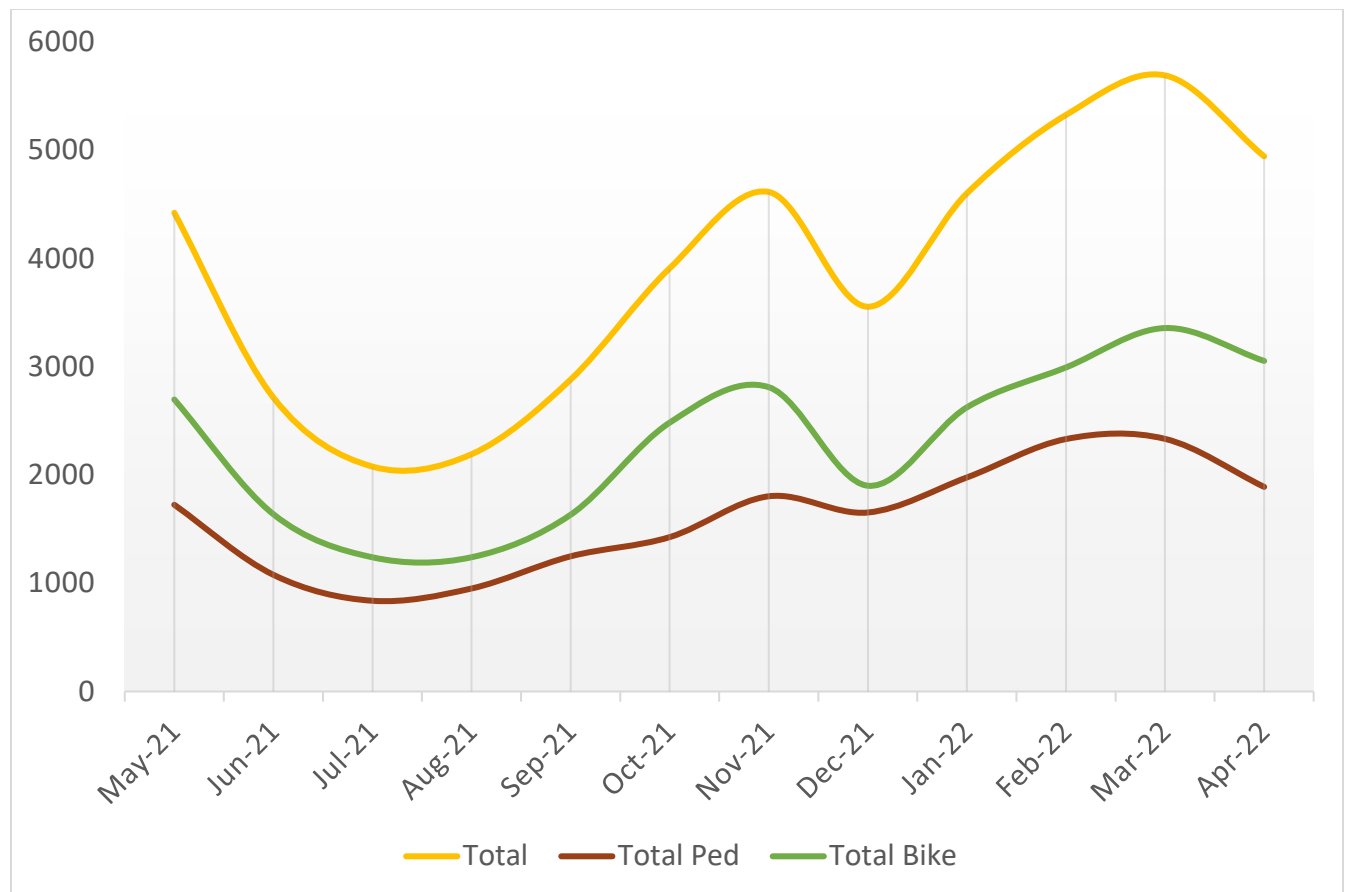
| | Total Counts | Percentage of Total |
|--------------|--------------|---------------------|
| All Activity | 1,423,171 | 100% |
| Total Bike | 839,429 | 59% |
| Total Ped | 583,742 | 41% |

Figure 2
Total Counts by Counter Location

| Site | Total | Bikes | Ped |
|--------------------------------|----------------|----------------|----------------|
| Green Belt Sites | 970,766 | 522,672 | 508,094 |
| Vista Del Camino Park | 217,567 | 149,838 | 67,729 |
| Indian School | 316,414 | 208,818 | 177,596 |
| Chaparral Park | 263,970 | 63,425 | 200,545 |
| McCormick | 162,815 | 100,591 | 62,224 |
| Non-Greenbelt Sites | 452,405 | 316,757 | 135,648 |
| Crosscut Canal Bridge | 28,568 | 19,879 | 8,689 |
| Arizona Canal/84 th | 116,027 | 85,464 | 30,563 |
| Pima Path south of Indian Bend | 77,992 | 66,954 | 11,038 |
| Upper Camelback Wash | 145,970 | 102,831 | 43,139 |
| Sweetwater Avenue | 83,848 | 41,629 | 42,219 |

The graph below in Figure 3 tracks total network monthly activity for the year. There is high activity nine months of the year, with a peak in the middle of Spring. As expected, a sharp decrease occurs in the summer. The outlier was an unexpected and rather sharp decrease in activity for December related to a drop-in bike activity at all locations during the holiday season.

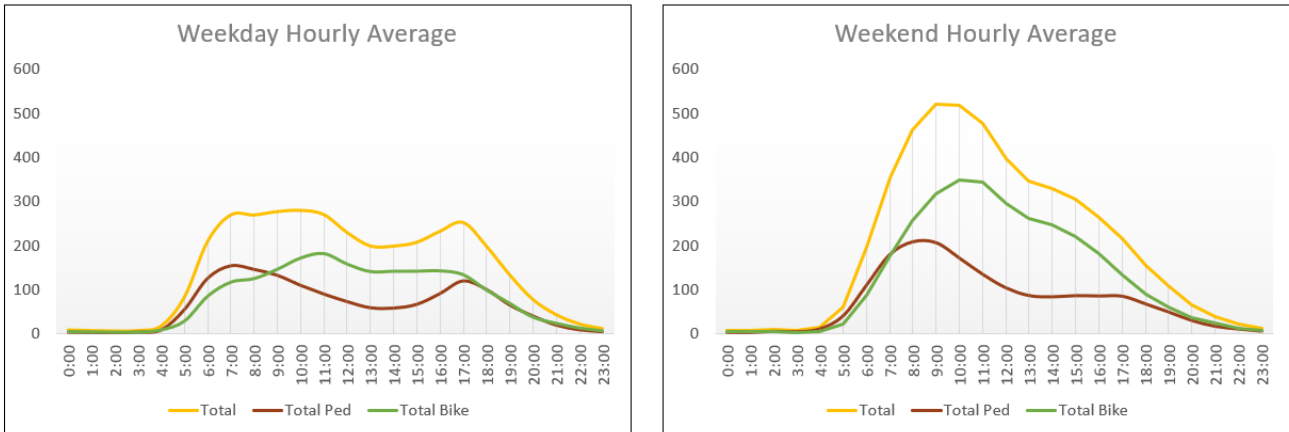
Figure 3
Total Network Monthly Activity from April 2021 to April 2022



Average Weekday Weekend Numbers

The graphs below in Figure 4 display the average weekday and weekend activity. By averaging all the days in the year, we can see the general pattern of use throughout the day. There is an increase in activity in the peak morning and peak afternoon period for the weekdays that likely reflects commuting and activities before and after work. Activity on the weekends sees a large morning rush followed by tapering off throughout the day. Weekends have much higher volumes in both types of users, but there is a larger change in bike ridership between weekdays and weekends. Bike ridership increases by 60% on weekends compared to weekdays. Pedestrian activity only increases by 13% on weekends. The yearly average weekday and weekend totals show that we would expect to have 3,499 users throughout the day on any given weekday and 4,876 users on any given weekend day.

Figure 4
 Average Total Weekday and Weekend Hourly Activity



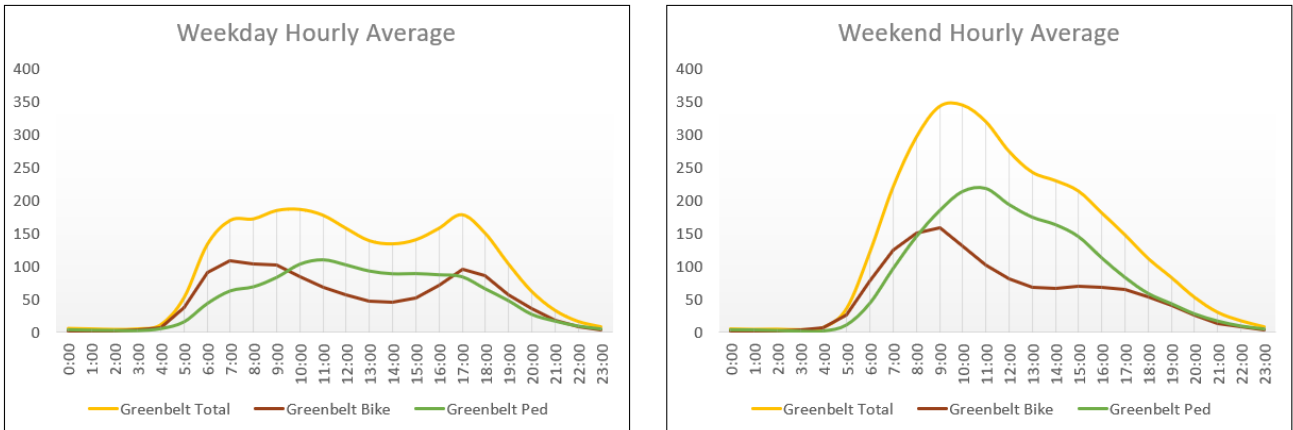
| | Average Weekday Activity | Average Weekend Activity |
|--------------|--------------------------|--------------------------|
| All Activity | 3,499 users | 4,876 users |
| Total Bike | 1,963 users | 3,114 users |
| Total Ped | 1,536 users | 1,762 users |

Greenbelt Sites (Vista Del Camino Park, Indian School Park, Chaparral Park, McCormick Parkway)

The Greenbelt sites consist of the four busiest counters. On weekdays, these counters average 2,405 users with an increase to 3,308 users on a weekend day. The hourly activity graphs show consistency with the overall daily activity for the entire network: a commuting pattern in the weekdays and a recreational pattern on the weekends (Figure 5). Also, there is strong early morning walking activity on the weekday, followed by a strong bike activity later in the morning. Looking at modes, the weekdays were a much closer split with 51% cycling to 49% pedestrian. On weekends, the demand for cycling increases with splits of 59% for cycling and 41% pedestrian.

The McCormick Parkway counter (4th busiest site we monitor) has a unique user pattern. Instead of peak morning and afternoon periods on the weekday representing regular commuting patterns, it has a morning peak with a tapering that is more consistent with weekend recreational activity. This site still shows higher demand for bike activity than pedestrian activity, and its patterns are consistent with the whole network for monthly activity. This site also has the largest percent increase between weekday bike ridership and weekend bike ridership, with a 96% increase.

Figure 5
 Average Greenbelt Weekday and Weekend Hourly Activity



| | Average Weekday Activity | Average Weekend Activity |
|--------------|--------------------------|--------------------------|
| All Activity | 2,405 users | 3,308 users |
| Total Bike | 1,219 users | 1,960 users |
| Total Ped | 1,186 users | 1,348 users |

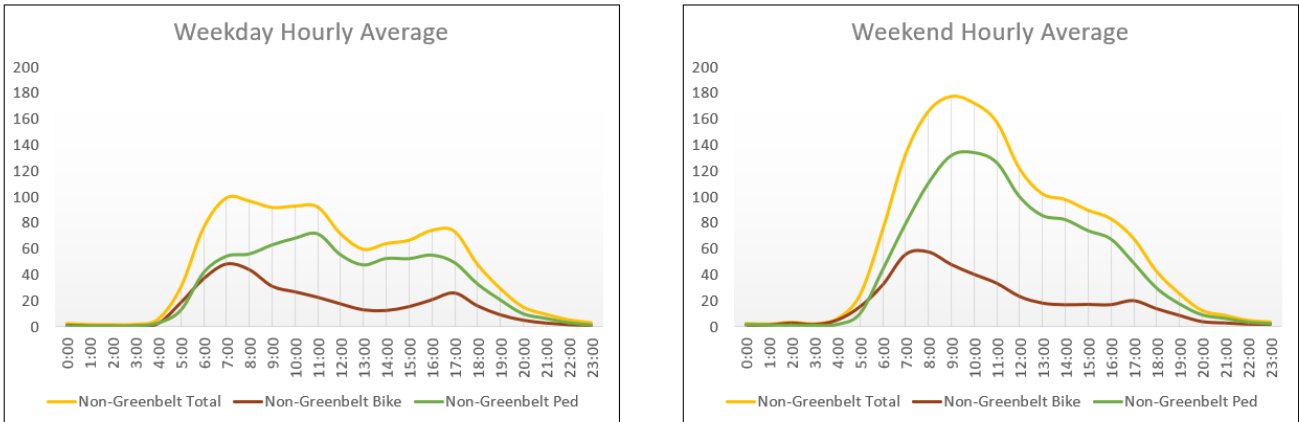
The Chaparral Effect

The Chaparral Park counter is the 2nd busiest site we monitor, but unlike all the other sites, Chaparral has a stronger pedestrian demand instead of bikes. If the Chaparral site is removed from the Greenbelt averages, the mode split percentages change from 51% cycling and 49% pedestrian to 62% cycling and 38% pedestrian on weekdays. It stretches even further on the weekends with the split being 70% cycling and 30% pedestrian.

Non-Greenbelt Sites (Crosscut Canal Bridge, Arizona Canal, Pima Path, Upper Camelback Wash/Cholla Street, Sweetwater Ave)

The Non-Greenbelt site activity was not as strong as the Greenbelt activity. On the weekday these sites average 1,099 users and 1,585 users on weekend days. These sites overall are still consistent with the whole network activity graphs detailed in Figure 6. However, hourly activity graphs show higher demand for bikes than the greenbelt locations with an activity split of 68% cycling to 32% pedestrian on weekdays and 73% cycling to 27% pedestrian on weekends. Like the Greenbelt, there is a regular contingency of people going out walking or running at 4 to 5 in the morning that outpaces bike activity.

Figure 6
 Average Non-Greenbelt Weekday and Weekend Hourly Activity



| | Average Weekday Activity | Average Weekend Activity |
|--------------|--------------------------|--------------------------|
| All Activity | 1,099 users | 1,585 users |
| Total Bike | 755 users | 1,159 users |
| Total Ped | 345 users | 426 users |

Neighborhood Bikeway Comparison

A comparison of usage at the Upper Camelback Wash counter was made to the nearby Neighborhood Bikeway corridor on Cholla Street. Average vehicle usage per day along Cholla Street between 92nd Street and 96th Street for 2020 was 1,200. The number of bike and pedestrian users on the weekday at the counter location just south of Cholla Street is 361 per day. This shows bike and pedestrian activity at this location is 30% of vehicle activity, which suggests that, on smaller collector roads, Bikeways can generate bike and pedestrian activity that begins to compare favorably with vehicular use.

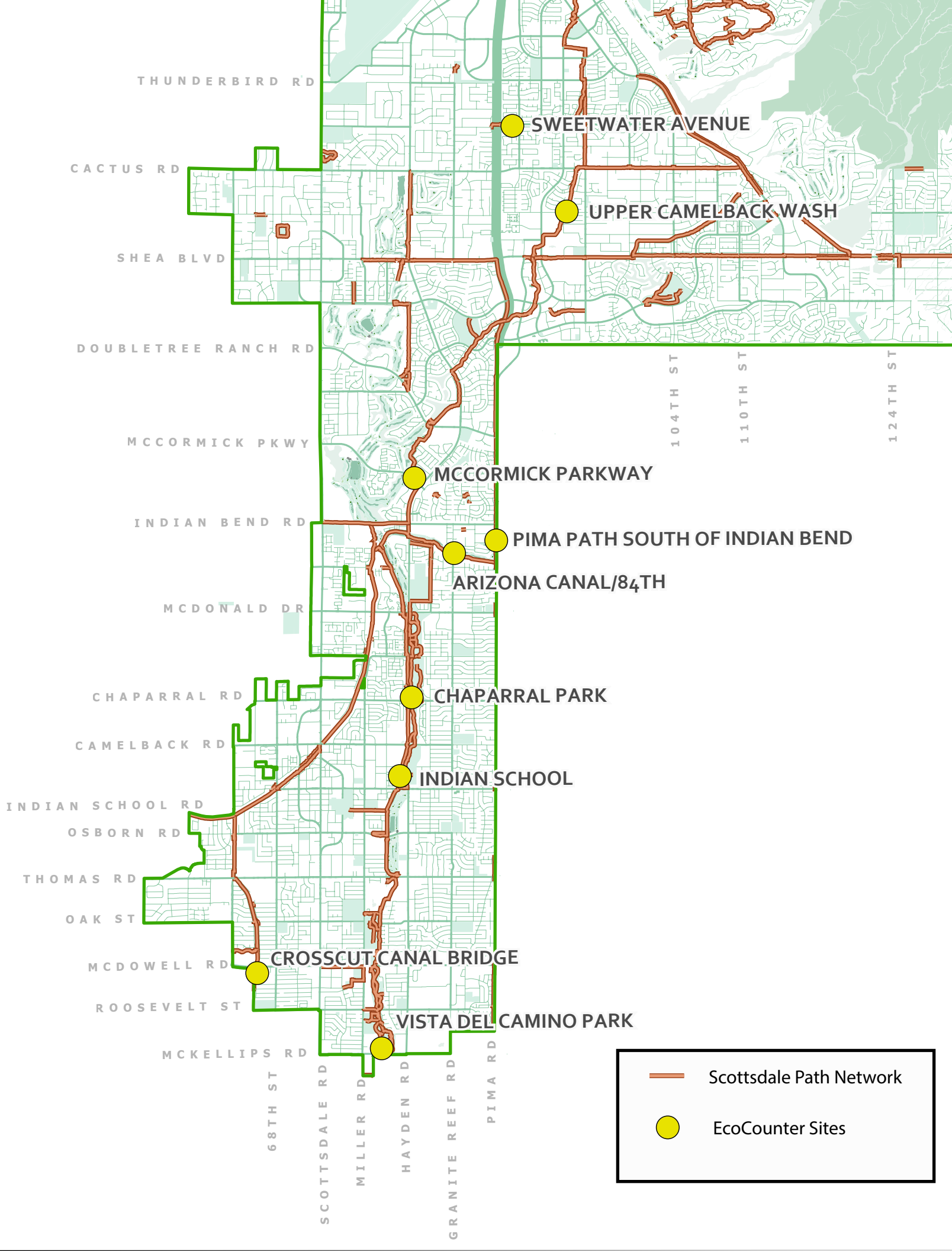
Continuing Steps:

Staff will continue to study the counts regularly and manually upload the data at each location monthly. Staff will use the data in the 2023 bicycle friendly community application and to help prioritize future path renovations.

Attachments:

[Attachment 1](#): Map: EcoCounter Sites

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



THUNDERBIRD RD

SWEETWATER AVENUE

CACTUS RD

UPPER CAMELBACK WASH

SHEA BLVD

DOUBLETREE RANCH RD

MCCORMICK PKWY

MCCORMICK PARKWAY

INDIAN BEND RD

PIMA PATH SOUTH OF INDIAN BEND

ARIZONA CANAL/84TH

MCDONALD DR

CHAPARRAL RD

CHAPARRAL PARK

CAMELBACK RD

INDIAN SCHOOL

INDIAN SCHOOL RD

OSBORN RD

THOMAS RD

OAK ST

CROSSCUT CANAL BRIDGE

MCDOWELL RD

ROOSEVELT ST

VISTA DEL CAMINO PARK

MCKELLIPS RD

68TH ST

SCOTTSDALE RD

MILLER RD

HAYDEN RD

GRANITE REEF RD

PIMA RD

Scottsdale Path Network

EcoCounter Sites

Bicycle and Pedestrian Counts

May 1, 2021-April 30, 2022

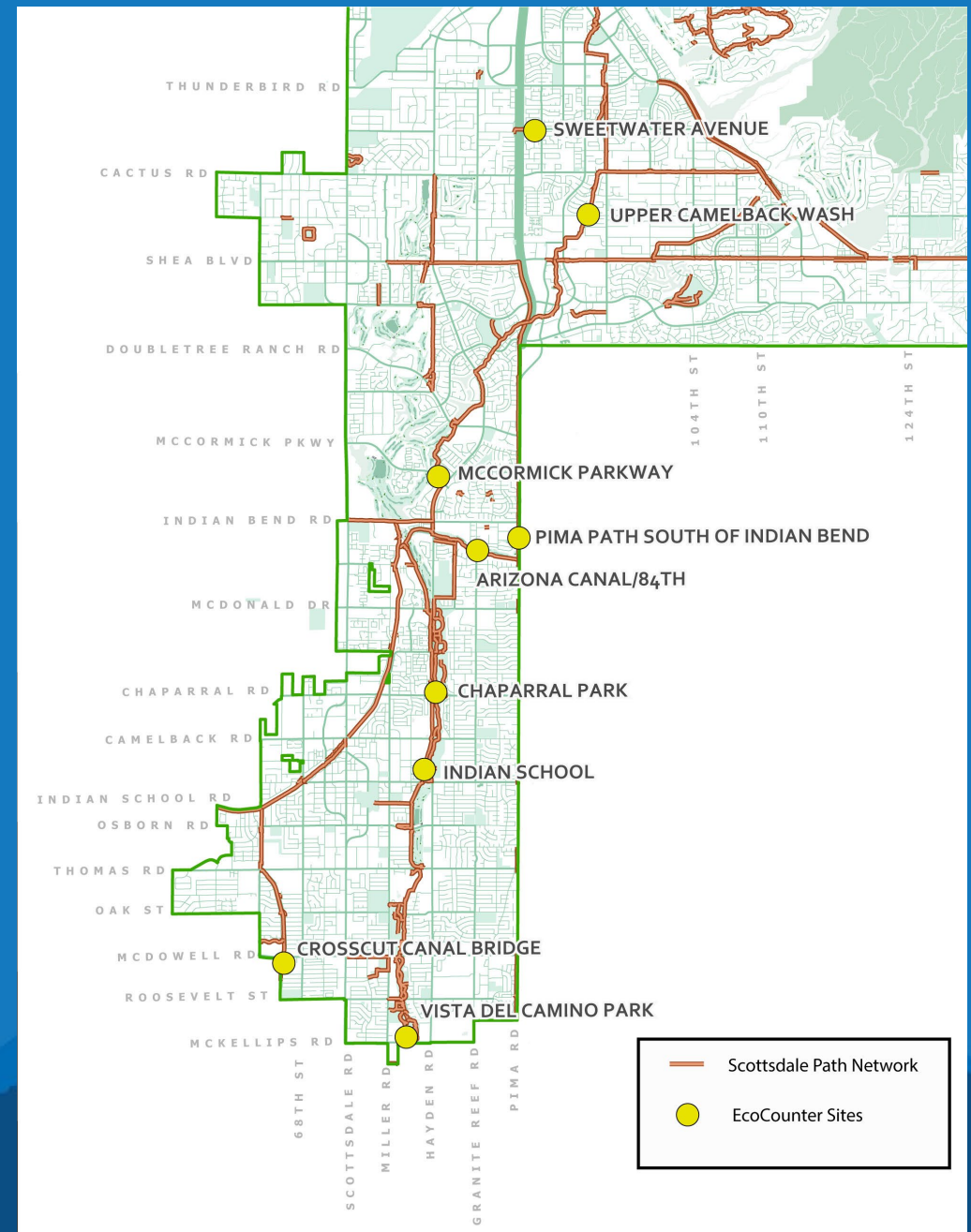
Transportation Commission
June 16, 2022

Permanent Counter Locations

- Nine sites
 - Greenbelt
 1. Vista del Camino Park
 2. Indian School Park
 3. Chaparral Park
 4. McCormick Parkway
 - Non-Greenbelt
 5. Crosscut Canal Bridge
 6. Arizona Canal/84th Street alignment
 7. Pima Path south of Indian Bend Road
 8. Upper Camelback Wash/Cholla Street
 9. Sweetwater Avenue east of Loop 101



Eco-Counter Permanent Post

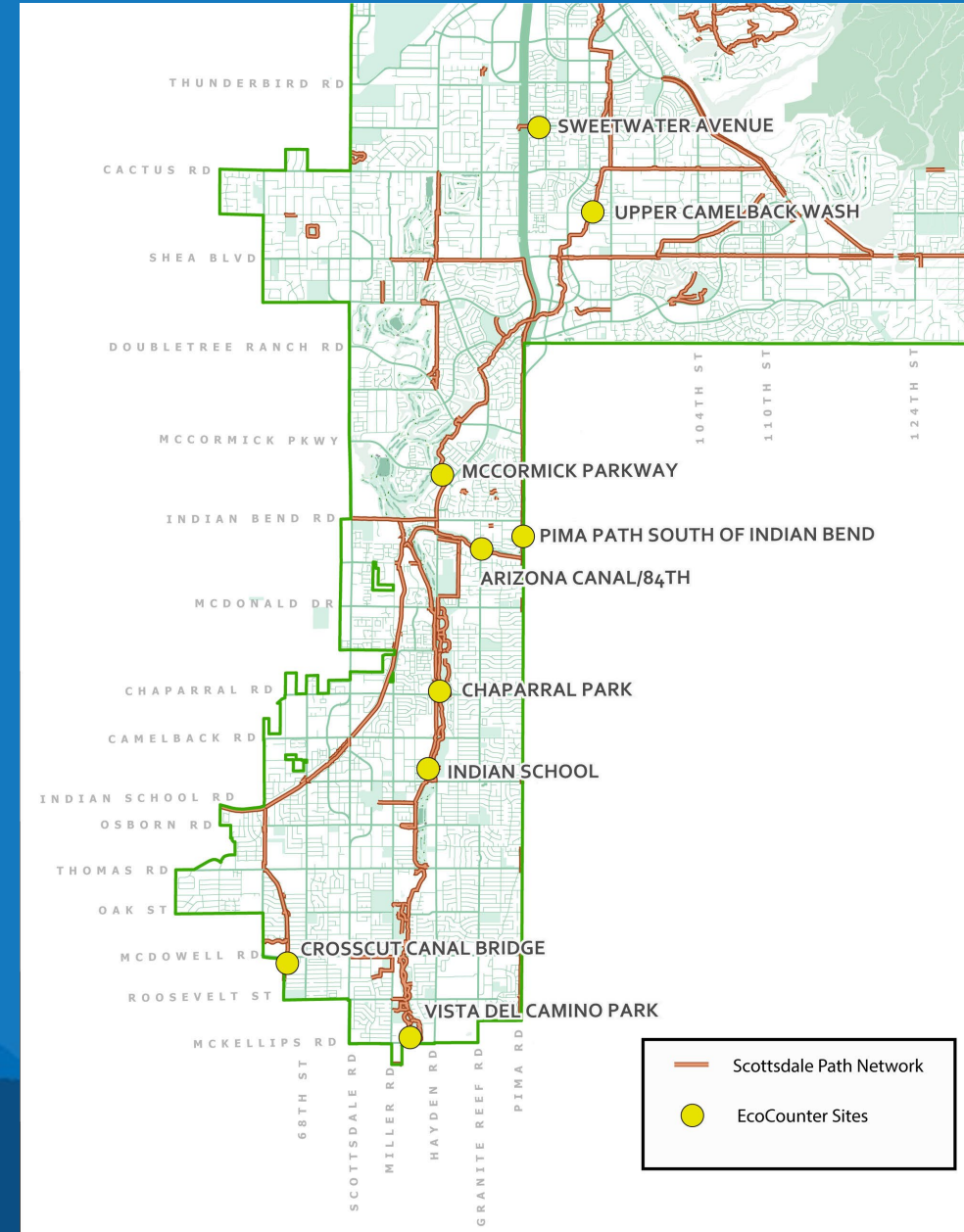
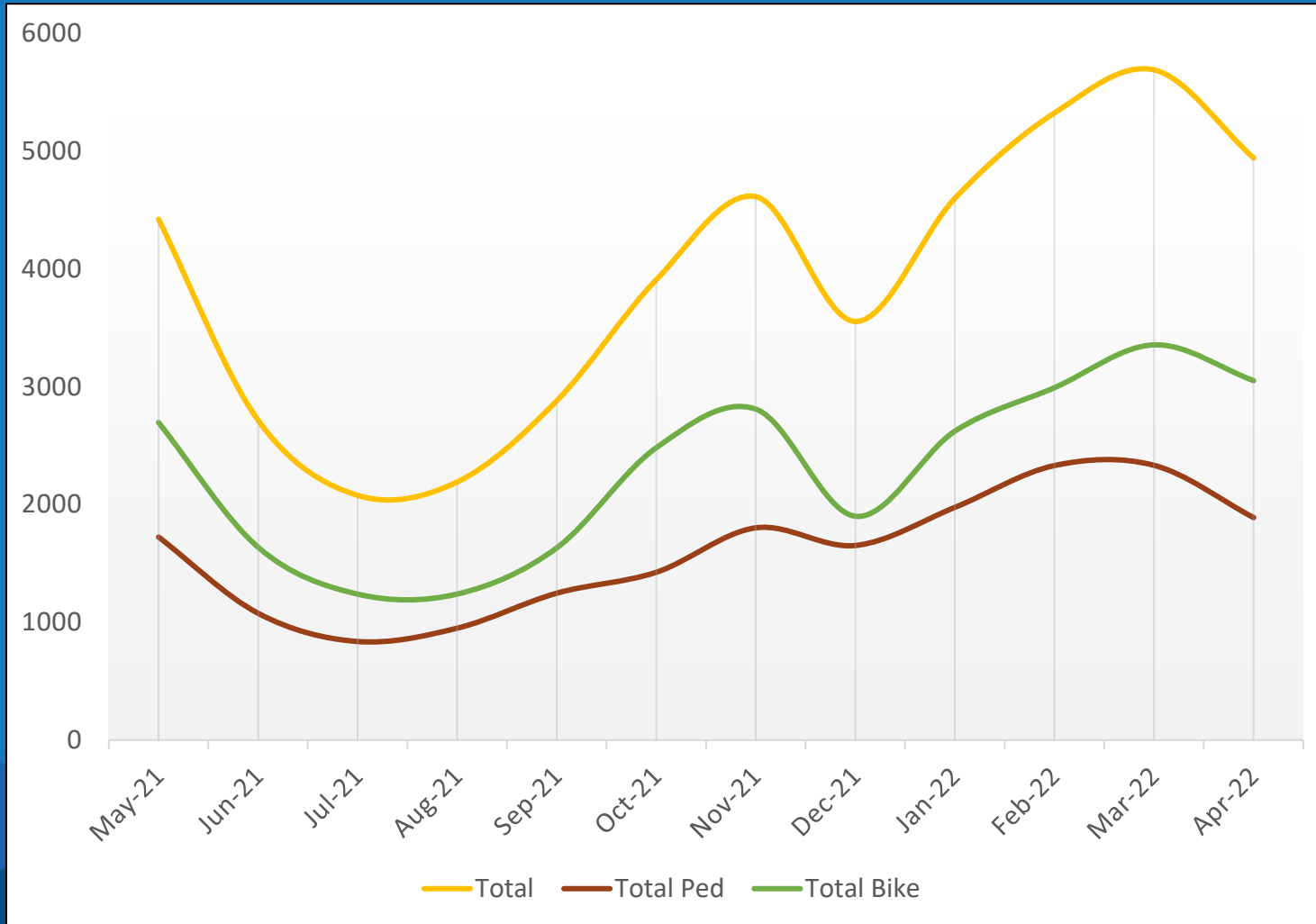


Overall Network Count Details – May 2021 to April 2022

| | Total Counts | Percentage of Total |
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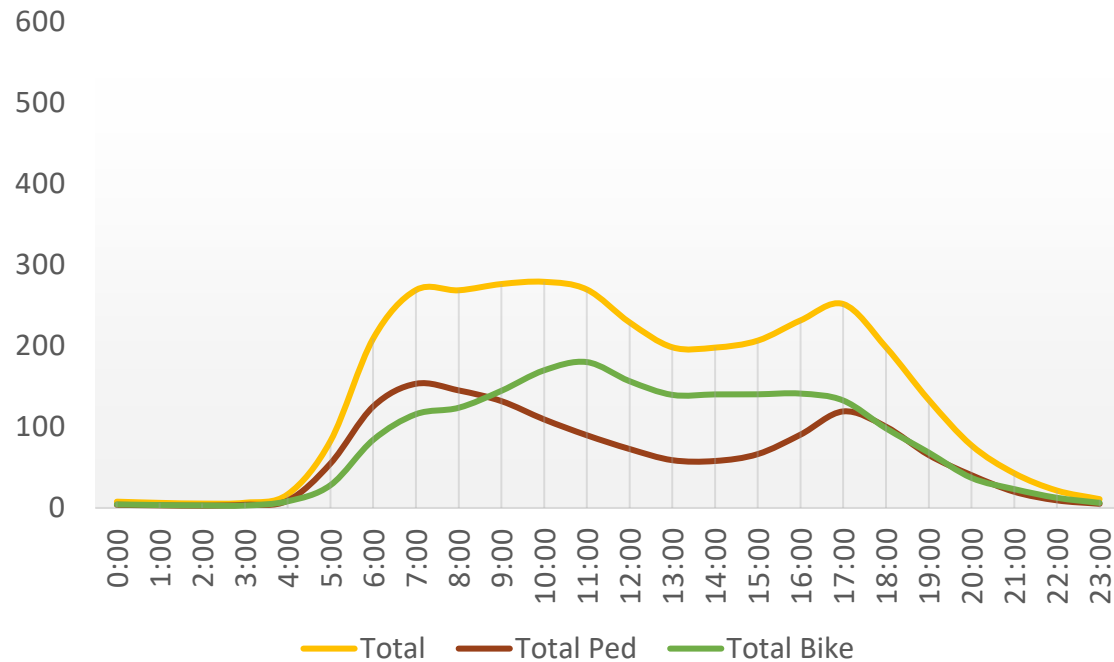
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Overall Network activity May 2021 to April 2022

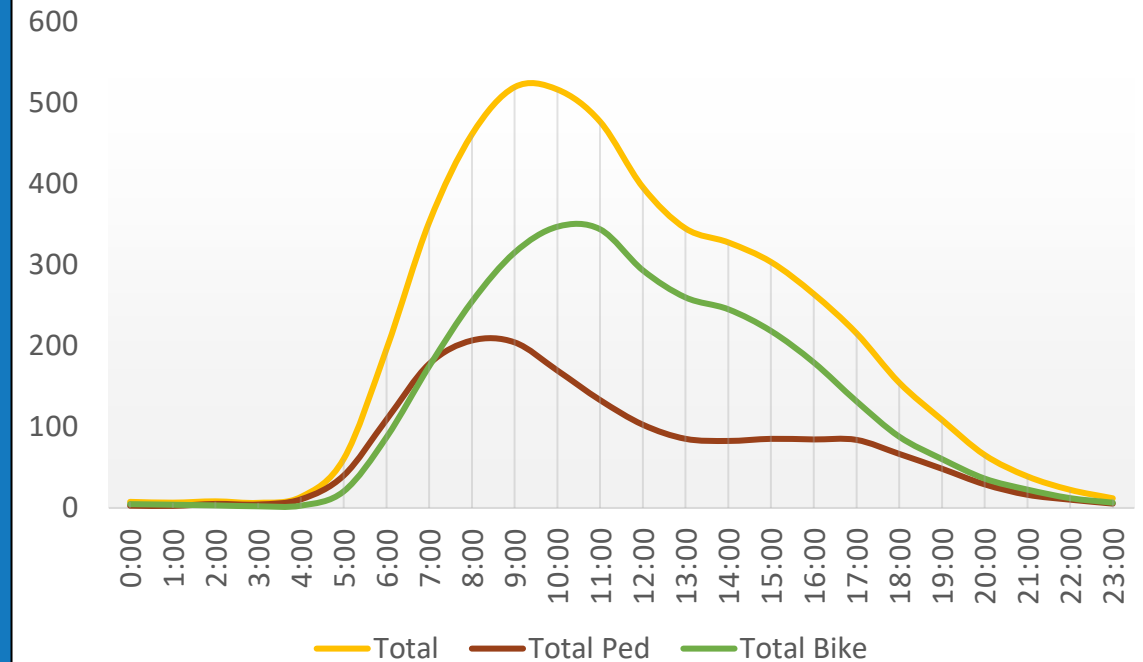


Weekday and Weekend Daily Total Averages

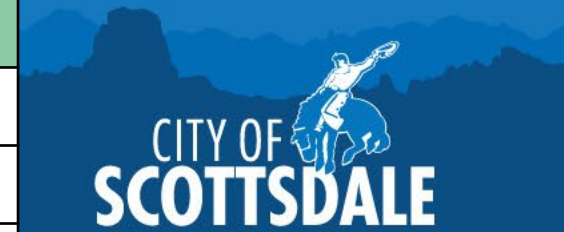
Weekday Hourly Average



Weekend Hourly Average

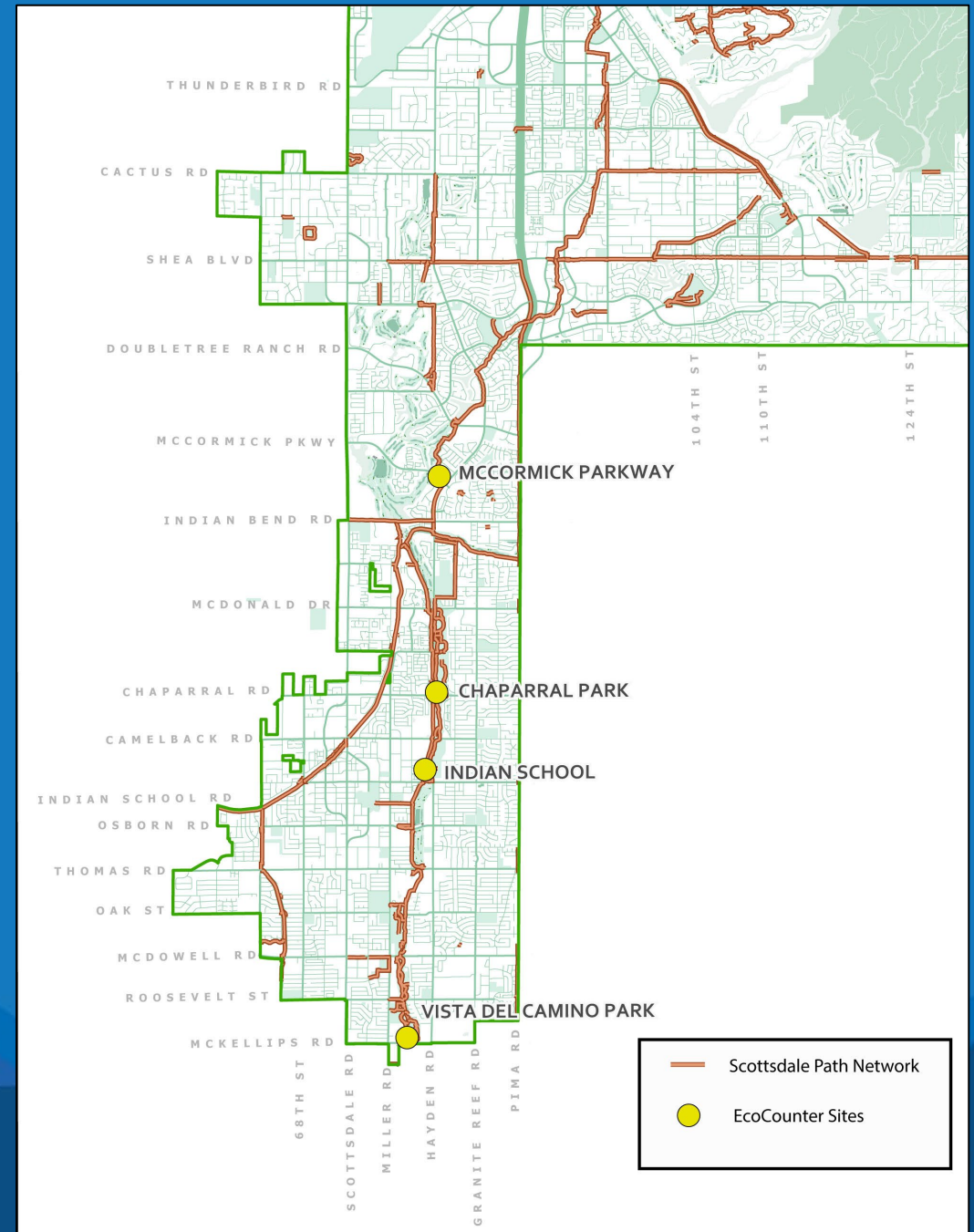


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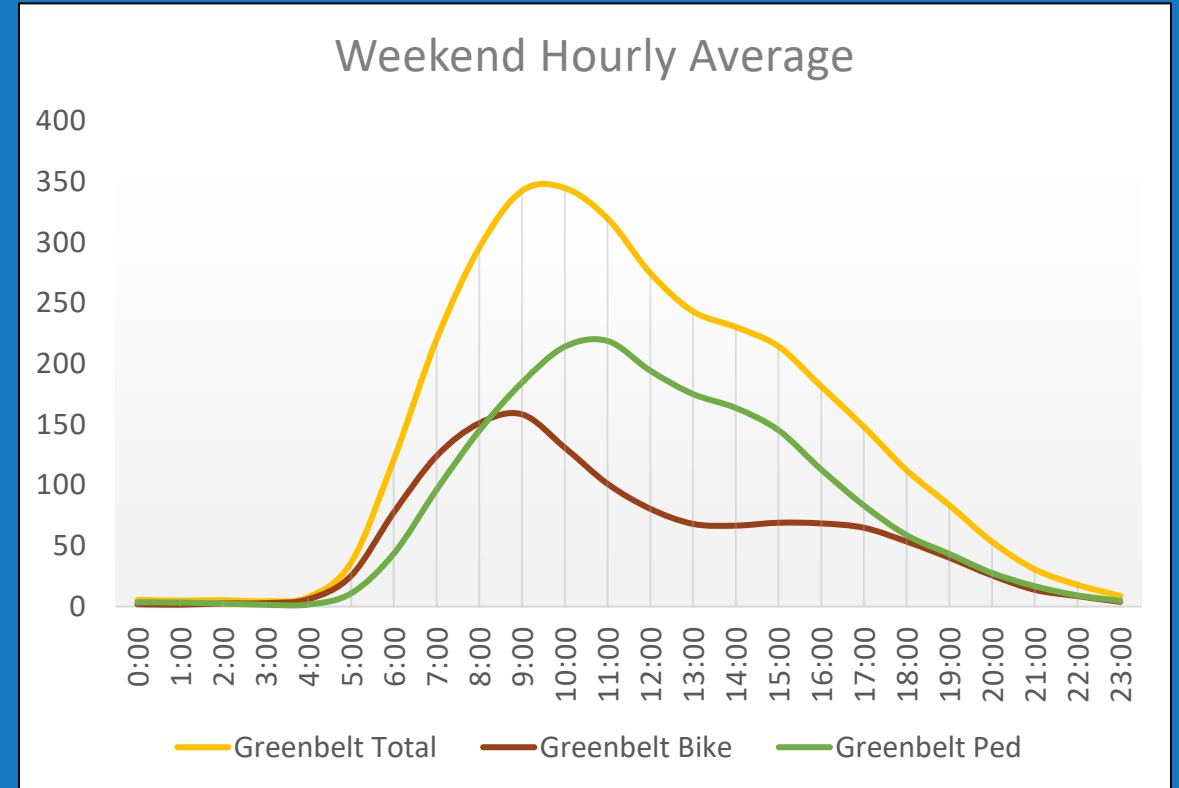
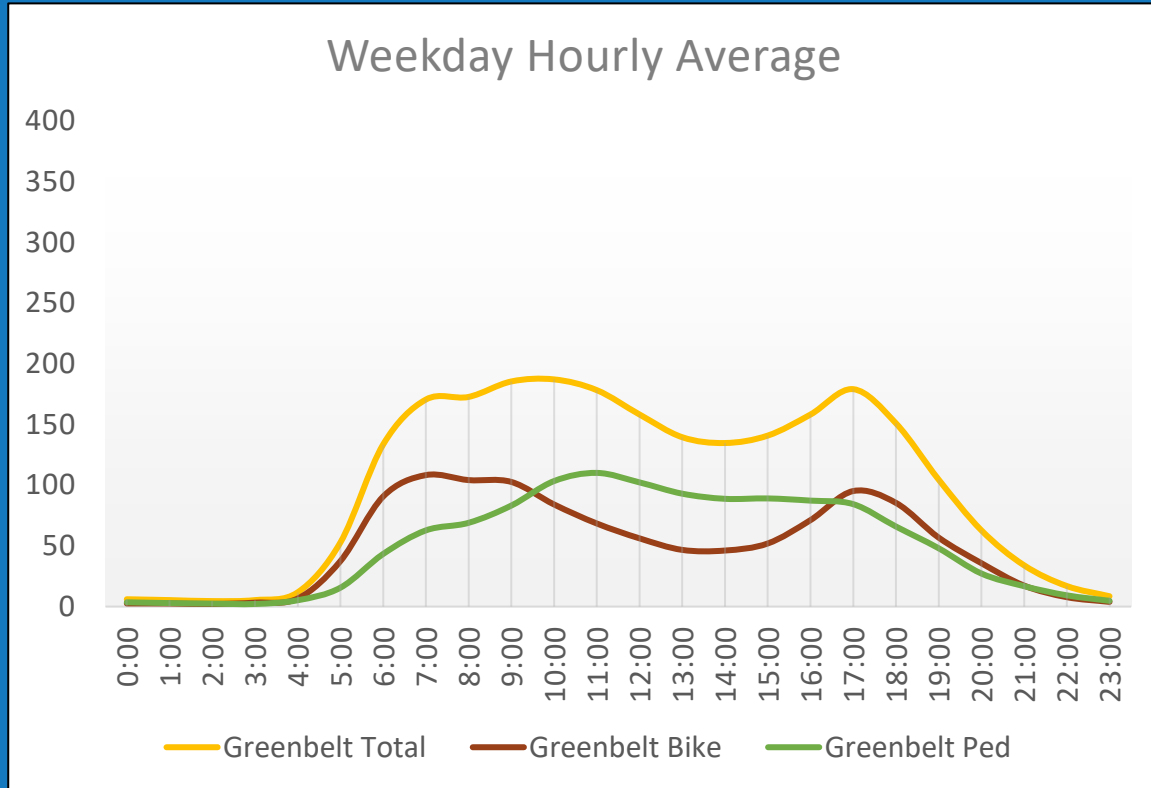


Greenbelt Sites

- Vista del Camino Park
- Indian School Park
- Chaparral Park
- McCormick Parkway



Weekday and Weekend Daily Total Averages Greenbelt Sites

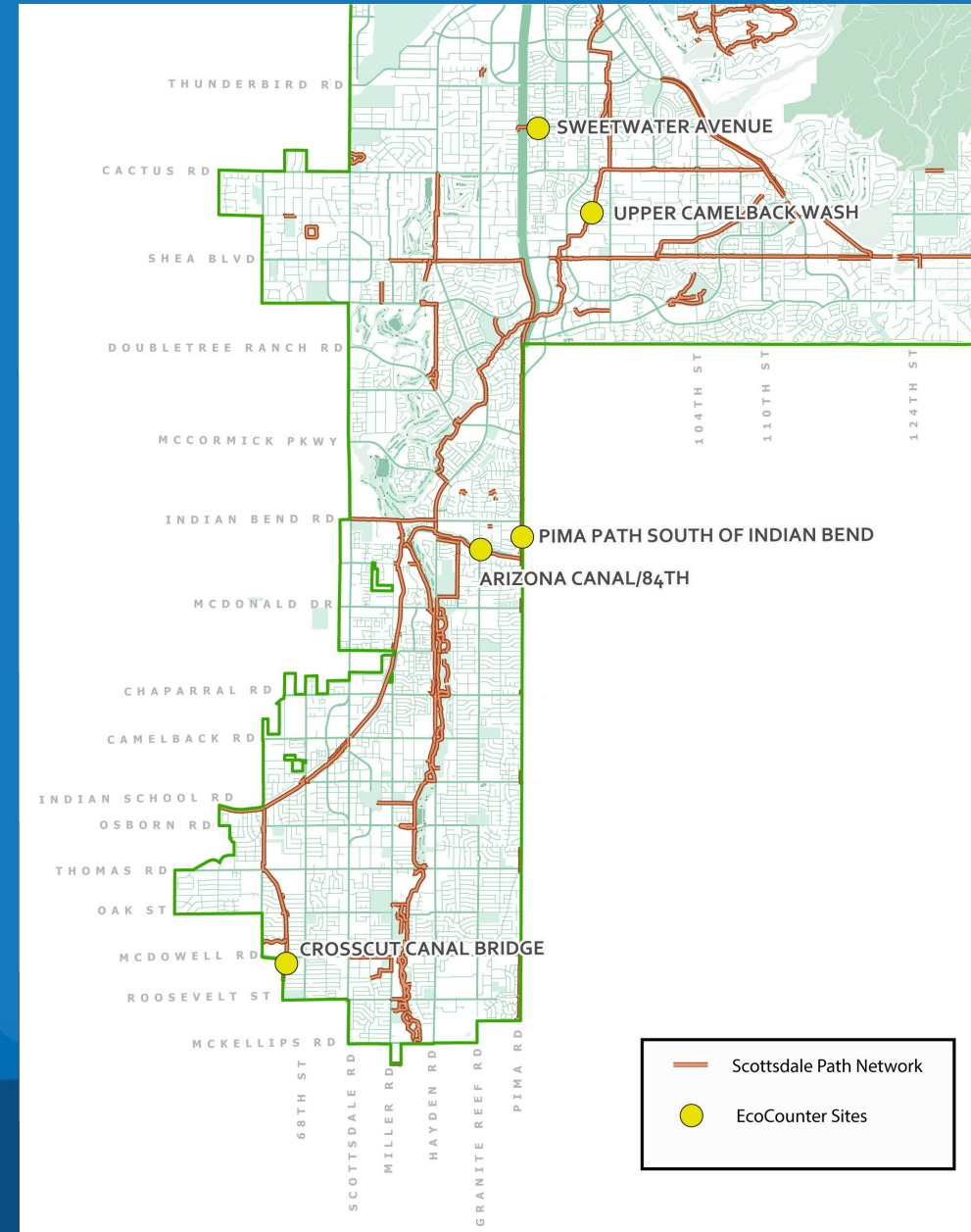


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Non-Greenbelt Sites

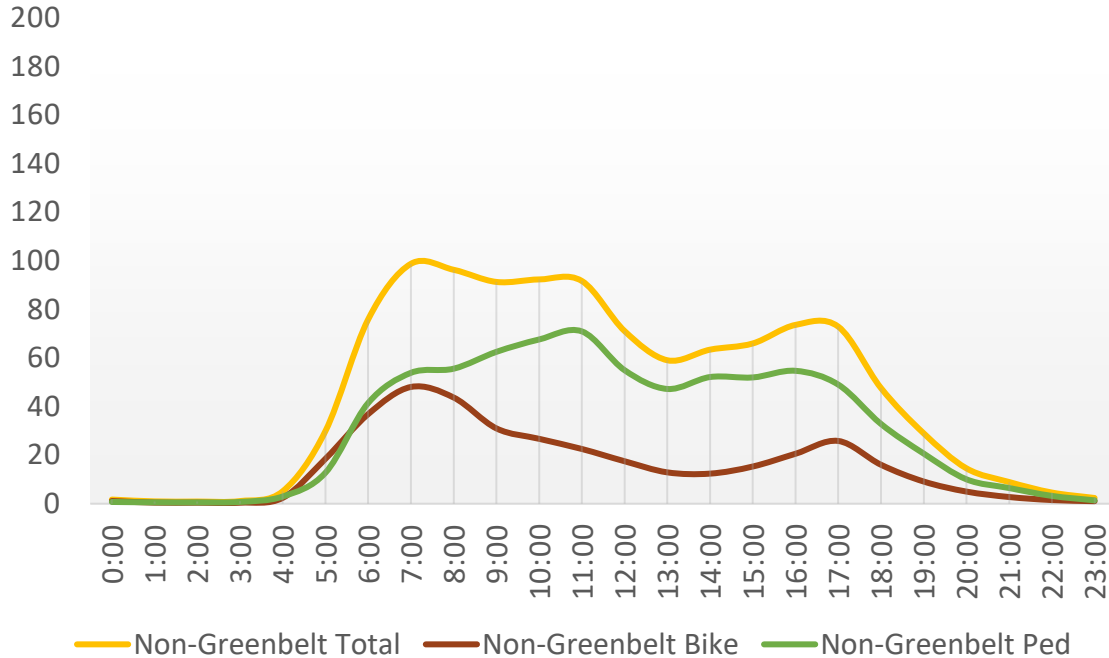
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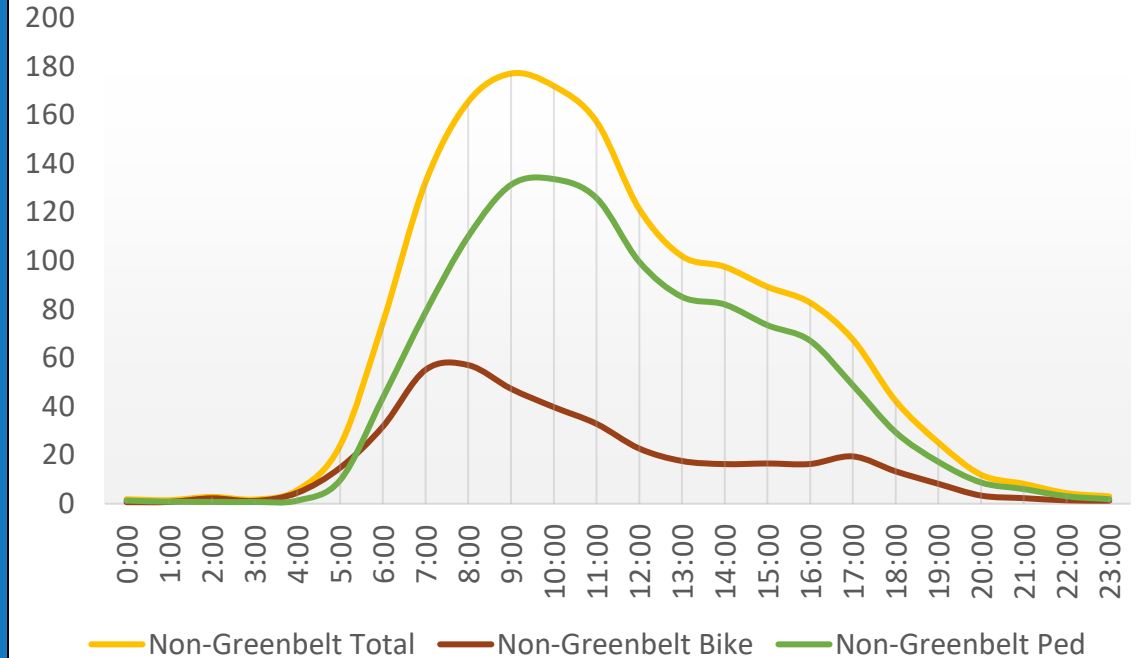
Weekday and Weekend Daily Total Averages

Non-Greenbelt Sites

Weekday Hourly Average



Weekend Hourly Average



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Neighborhood Bikeway Comparison

- On smaller collector roads, Bikeways can generate bike and pedestrian activity that begins to compare favorably with vehicular use

| Average Daily Activity | |
|---|---------------------------------|
| Cholla: 92 nd to 96 th | 1,200 Vehicles Per Day |
| Upper Camelback Counter | 361 bikes and pedestrians a day |
| Bike and Pedestrian activity is 30% of vehicle activity | |

Continuing Steps

- Continue to collect and study counts
- Data to be used in 2023 Bicycle Friendly Community application and to help prioritize future path renovations
- Look for opportunities to place additional permanent Eco-counters along our path system

SCOTTSDALE TRANSPORTATION COMMISSION REPORT



To: Transportation Commission
From: Susan Conklu, Senior Transportation Planner
Subject: Trail Maintenance Outreach Plan
Meeting Date: June 16, 2022

ITEM IN BRIEF

Action: Presentation and discussion

Purpose:

Provide information on the trail maintenance outreach plan

Background:

The city currently has approximately 160 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 trail easements that run through or are adjacent to their property.

The most recent update to the Paths & Trails Subcommittee on the development of trails maintenance outreach program was presented on April 6, 2021.

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 is approximately 90% complete and is on target for completion in the next 30-45 days.

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. The Trail Maintenance webpage was recently published with information on maintenance responsibilities and a link to the interactive Public Amenities Map so citizens can look up their property and view trail locations.

Transportation staff presented an update to the Paths & Trails Subcommittee at the June 7, 2022, meeting. Discussion included future trail inventory plans, responsibility for maintenance of trail surface and trends from both trail inventories.

Next Steps:

Staff are discussing options for creating a trail maintenance link in ScottsdaleEZ.

The new Trail Maintenance webpage will be publicized with a web article, social media posts, utility insert article, and a Scottsdale Update newsletter article over the summer. Targeted outreach to HOAs and commercial property owners will take place this summer, with individual property owner outreach occurring this fall. Staff will continue sending issues to Code Enforcement as needed. The information video will be created in the fall and posted on the Trail Maintenance webpage, Scottsdale Video Network and Scottsdale YouTube channel. Neighborhood trail cleanup opportunities will be coordinated with Citizen Services programs and events. These include Operation Fix It, a proposed Adopt-a-Trail program similar to Adopt a Road, October National Make a Difference Day and April Earth Day.

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

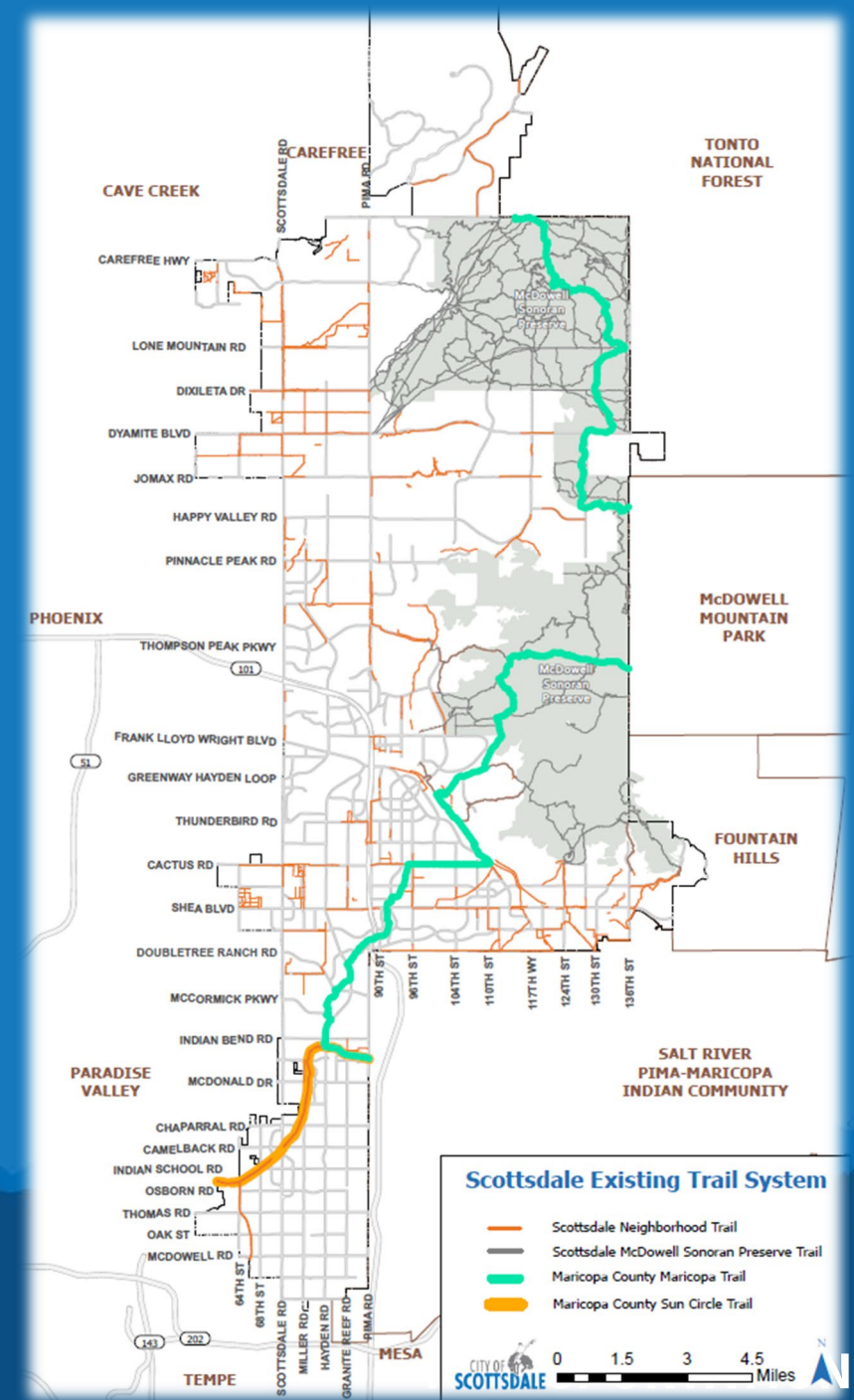
Staff Contact: Susan Conklu, 480-312-2308, sconklu@scottsdaleaz.gov

Trail Maintenance Outreach Plan

Transportation Commission
June 16, 2022

Background

- 160 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

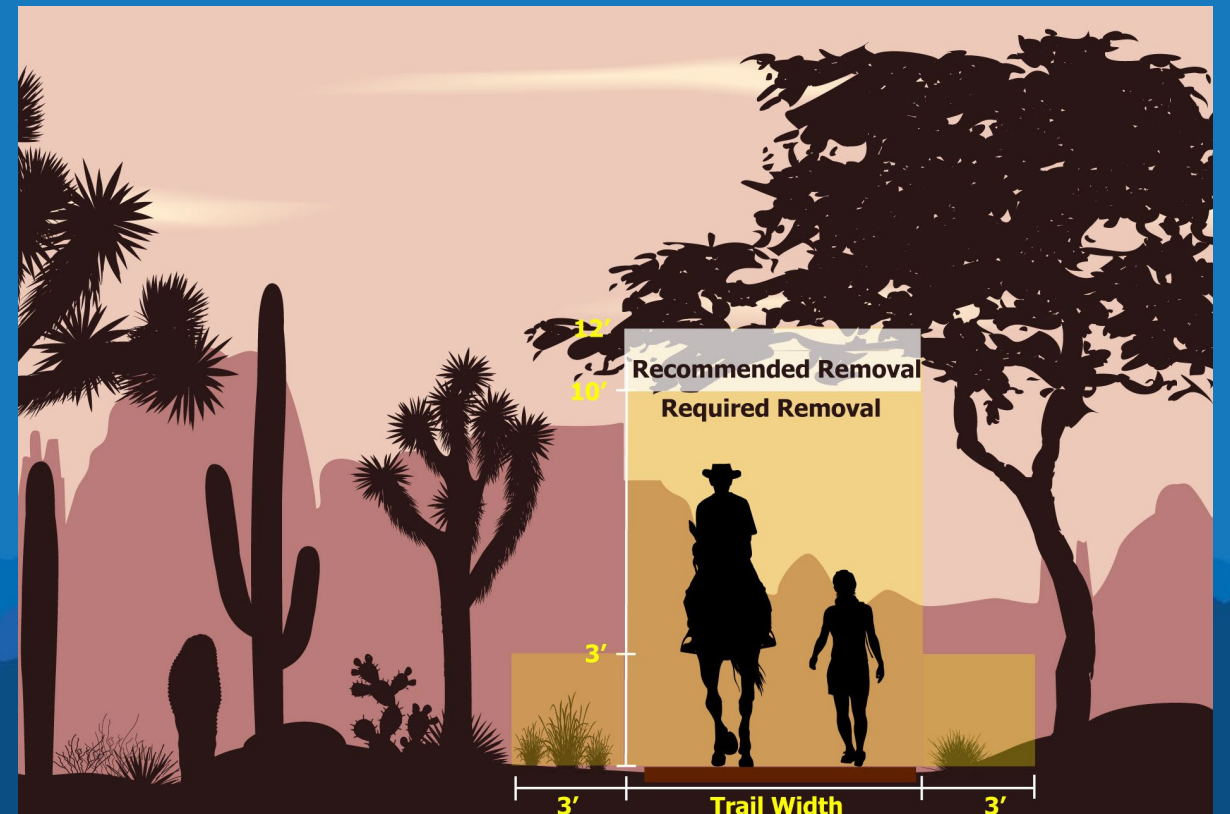
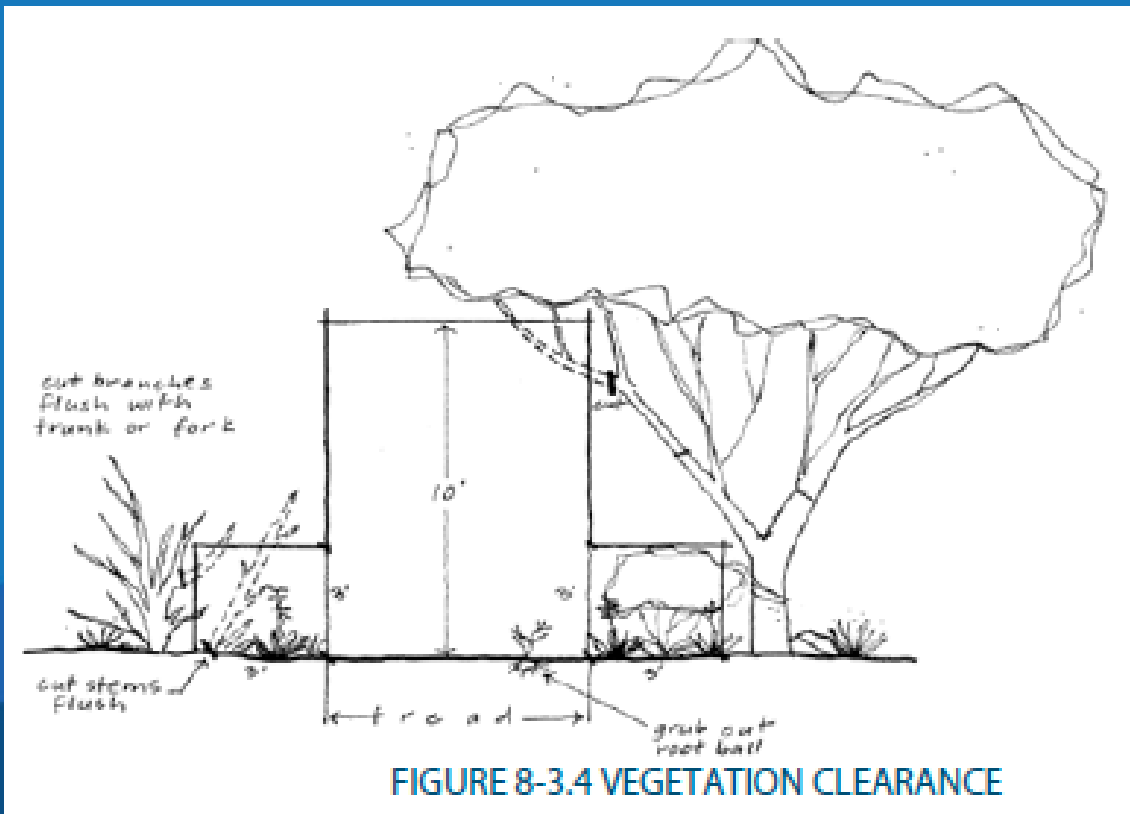


Maintenance Responsibility

- 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



Update

- Transportation Action Plan Trail Element
- 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 90% complete



Trail Maintenance – Inventory Overview

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

Legend

Trail_Inspections

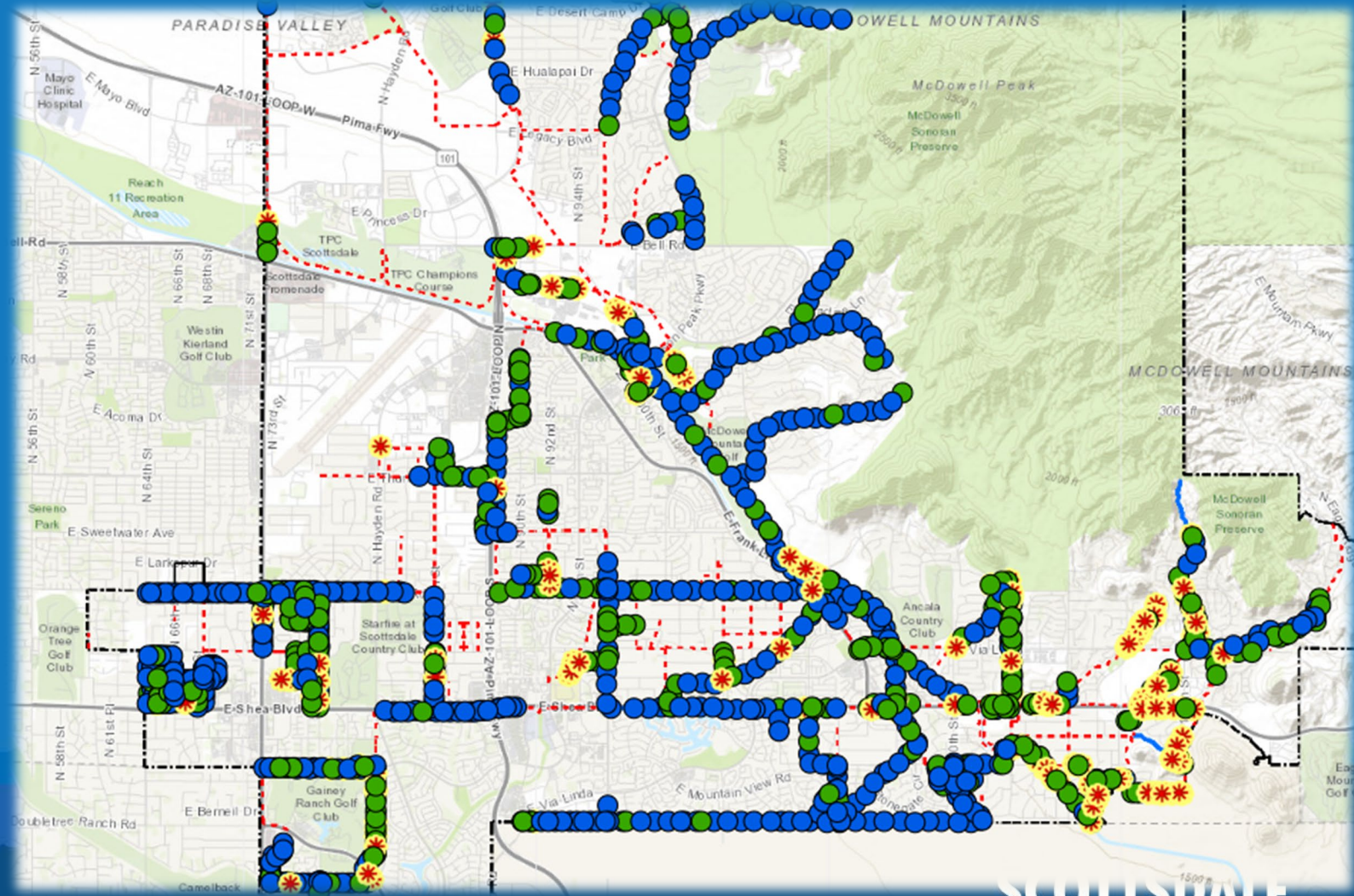
- ☀ IMMEDIATE
- MONITOR
- NONE

Trails_Outside_Preserve

- Existing
- - - Planned

City Boundary

- - -



Trail Maintenance – Data Review

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

Legend

Trail_Inspections

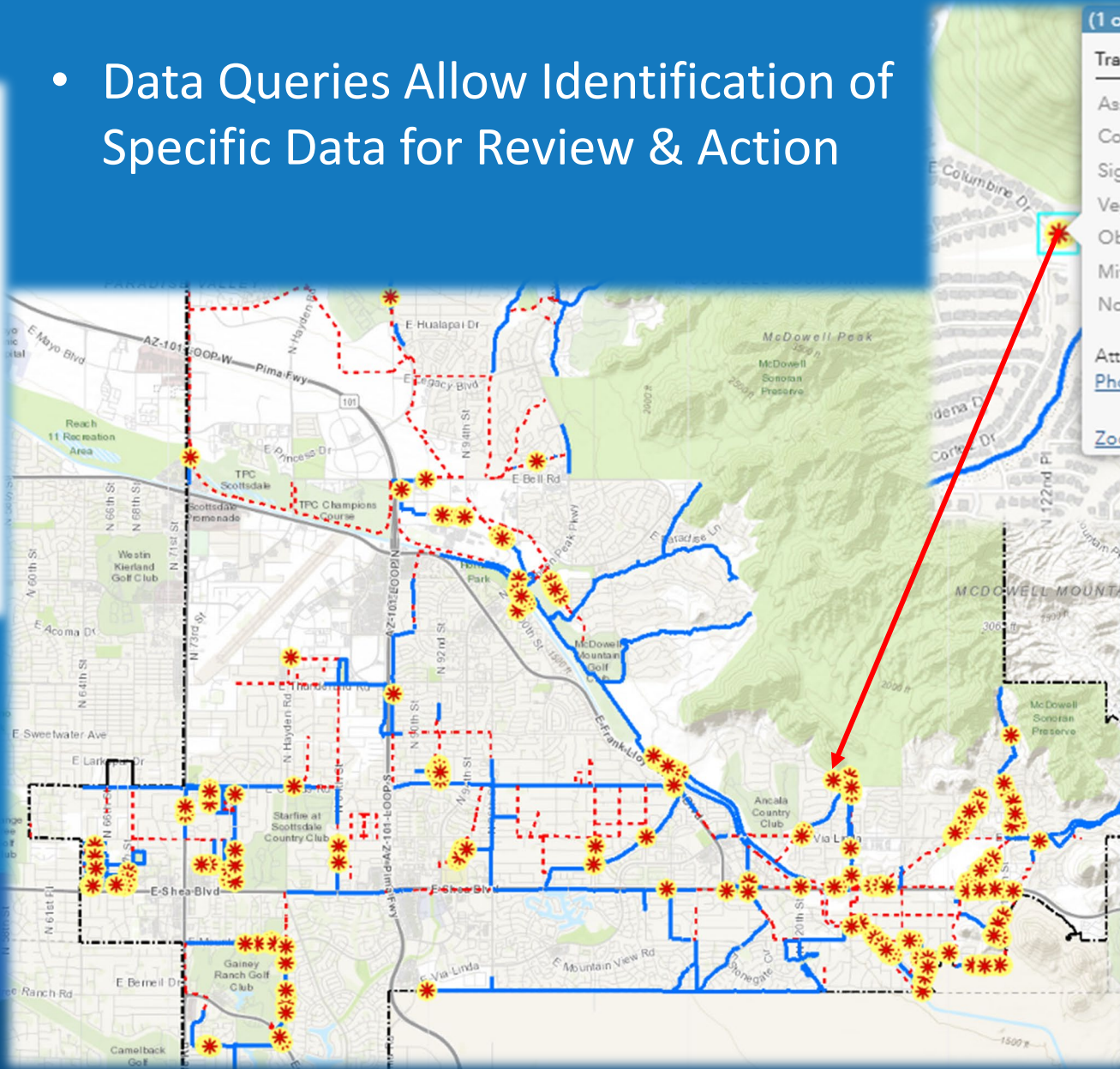
- ★ IMMEDIATE
- MONITOR
- NONE

Trails_Outside_Preserve

- Existing
- - - Planned

City Boundary

- - -



(1 of 2)

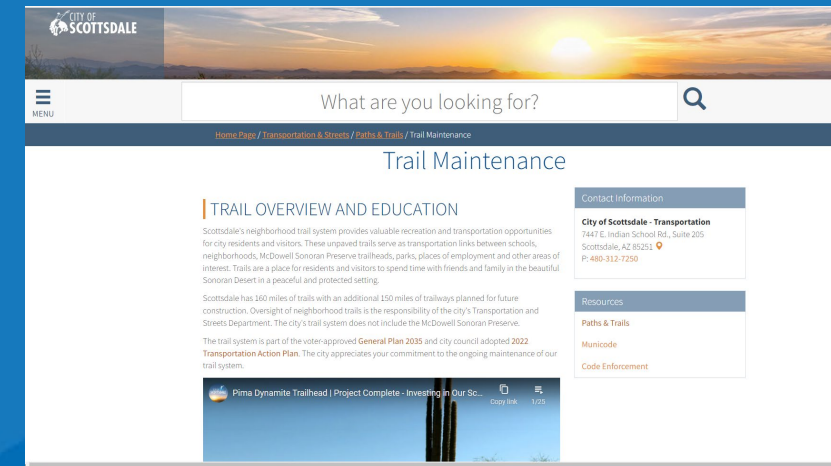
Trail Inspections:

| | |
|---|-----------------------------|
| 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
- June 7, 2022 Paths & Trails Subcommittee update



Next Steps

- ScottsdaleEZ (web site) – trail maintenance link
- Publicize
 - Web article, social media, utility insert, Scottsdale Update
- Targeted outreach from Transportation
 - HOAs and Commercial properties – summer
 - Individual property owners - fall



Next Steps

- Send issues to Code Enforcement as needed
- Video in fall 2022 – webpage, Scottsdale Video Network and YouTube
- Coordination with Citizen Services programs and events
 - Operation Fix It
 - Create Adopt-a-Trail program
 - October National Make a Difference Day
 - April Earth Day



Trail Maintenance Outreach Plan

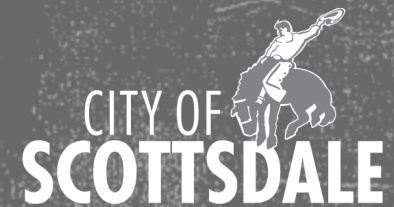
Transportation Commission
June 16, 2022



CITY OF SCOTTSDALE TRANSPORTATION COMMISSION
JUNE 16, 2022

STREET OPERATIONS

Road Maintenance



LINK TO THE TAP

TAP Goals and Values

- Support sustainability and cost savings by preserving and maintaining existing infrastructure

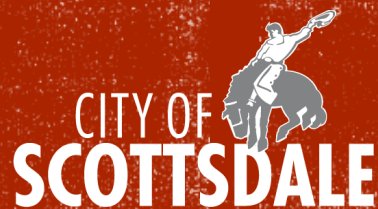
Transportation Investment priorities

- Preserve/maintain/optimize existing infrastructure

Transportation Action Plan
City of Scottsdale's 10-Year Transportation Roadmap

PIZZAZZO PEAK RD
MCDOWELL MOUNTAIN PARK
CITY OF SCOTTSDALE

MAINTENANCE FUN FACTS



- Unpaved Roads 37.50 miles
- Dust Palliative Roads 29.33 miles
- Shoulders 103.45 miles
 - Dust Palliative 76 miles
 - Maintenance grading 27.45 miles
- Unpaved Alleys 94.06 miles
- Street Sweeping 2,008 miles
- Washes 160.50 Acres
- Multi-Use Path 75 miles
- Drainage Assets 6688 assets

EMERGENCY RESPONSE



- Snow
- Monsoons
- Paint spills
- Accidents



CONCRETE REPAIRS — SIDEWALK UPHEAVAL



NPDES PROGRAM



- NPDES = National Pollutant Discharge Elimination System
- We inspect and maintain 6,688 assets that include Culverts, Catch basins/curbed inlets, guardrails/handrails

BRIDGES / GUARDRAILS



MAINTENANCE CYCLES

Maintenance Grading on Unpaved Roads every 45 days

Dust Palliative Cycle twice a year in Fall and Spring

Shoulder Maintenance twice a year following Dust Palliative cycle

Alley Maintenance Cycle twice a year in late Summer and Winter

Alley Weed control twice a year in Fall and Spring

Wash Maintenance Cycle early Summer



BLENDING DUST PALLIATIVE

- Street Operations dust abatement program ensures compliance with the Maricopa County PM-10 dust permit.
- On average we apply 80,000 gallons of Dust Palliative concentrate annually on our unpaved Dust Palliative roads.

ALLEY MAINTENANCE

We clean the alley
from wall to wall,
ensure proper
grading and apply
Dust Palliative





JOHN DEERE 772GP

One of two motor graders in operation. This piece of equipment is the primary equipment that we use in many aspects of Street Operations and maintenance.



STREET SWEEPING

Street Operations sweeps just over 20,000 miles annually

WASH MAINTENANCE

- Remove vegetation, regrade flowline and slopes





MULTI-USE PATH

- Regularly inspect Multi-use path to ensure the safety of path patrons, trim vegetation, remove hazards, report damaged concrete.
- Sweep monthly

ONGOING COORDINATION ITEMS

- At the present time we are working to fill the open positions in each of our sections.
- Costs are increasing for materials and services so we're making decisions on projects and programs to best utilize existing funds.
- Maximizing resources by working with other sections and departments and regional partners to fill existing needs.

As we move ahead:

- *Update on other sections*
- *Progress on previous items brought to the Commission*
- *New projects*

TENTATIVE FUTURE AGENDA ITEMS

Rev.06-09-2022

All Items Subject to Change

TRANSPORTATION COMMISSION

MEETING DATE: July 21, 2022

Cancelled

MEETING DATE: August 18, 2022

REPORTS/PRESENTATIONS DUE August 11th

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes June 16, 2022
- **Neighborhood Bikeways Prioritization Criteria** **Discussion and Action**
Review and approval of the criteria to be used for prioritizing future CIP investments in Neighborhood Bikeway Corridors – Nathan Domme, Senior Transportation Planner
- **Projects and Programs Update** **Discussion**
A continuing overview of Transportation & Streets divisions and programs/projects. – Mark Melnychenko, Transportation & Streets Director

FUTURE ITEMS:

INFORMATION ITEMS

- **Urban Air Mobility** **Information**
Information on Urban Air Mobility as Mode of Transportation
- **Electric Car Movement**..... **Information**
Information on the electric car movement – Hong Huo, Traffic Engineer Principal
- **Shea and 124th Street Underpass** **Information**
Update on underpass – Susan Conklu, Senior Transportation Planner
- **Utilities Causing Project Delays**..... **Information**
Update on the delay's utility projects and how they are holding up project schedules and budgets- Mark Melnychenko, Transportation & Streets Director
- **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
- **Loop 101 Princess Drive to Shea Boulevard Project** **Information**
Information on Loop 101 roadway improvements – John Tucker, Project Team AZDOT
- **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
- **Sustainability Director Introduction** **Information**
Introduction and information from the new Sustainability Director – Lisa McNeilly, Sustainability Director
- **Update from Valley Metro's New CEO** **Information**
Introduction and information from the new CEO of Valley Metro – Jessica Mefford-Miller, Valley Metro

TRANSPORTATION & STREETS DEPARTMENT ACTIVITIES

- **Loop 101 Mobility Project.....Presentation and Discussion**
Discuss USA’s Transportation Research Department regarding connected vehicle technology -Kristin Darr, consultant and Mark Melnychenko, Transportation & Streets Director
- **Impact on Parking.....Presentation and Discussion**
Latest parking study, Walter Brodzinski, Right-Way Supervisor
- **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
- **Bus Stop Lighting.....Discussion**
Discuss future plans to light bus stop shelters – Ratna Korepella, Transit Manager
- **Expanding Maintenance Needs.....Presentation and Discussion**
Maintenance of current infrastructure – Mark Melnychenko, Transportation & Streets Director
- **Noise Walls.....Presentation, Discussion and Possible Action**
Discuss noise wall locations, including FHWA DBE levels – 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
- **Sensagrate Pilot Project.....Presentation and Discussion**
Discuss Sensagrate Pilot Project in Scottsdale and how the results can be utilized – Darryl Keeton, Sensagrate
- **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
- **Speed Limit Study Update Project.....Presentation and Discussion**
Present Traffic Engineering’s recent effort to update speed limit studies in Scottsdale- Phil Kercher, Traffic Engineering and Ops Manager and Kiran Guntupalli, Traffic Engineer Principal

| |
|--|
| PATHS & TRAILS SUBCOMMITTEE |
|--|

MEETING DATE: August 2, 2022

REPORTS/PRESENTATIONS DUE July 26

- **Approval of Meeting Minutes Action**
Approval of Regular meeting minutes of June 7, 2022
- **Subcommittee Identification of Future Agenda Items.....Discussion**
Subcommittee members may identify items or topics of interest for future Subcommittee meetings
- **Vision Zero.....Information**
Information on Vision Zero (Tempe) – 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
- **Equestrian Connectivity** **Presentation and Discussion**
Panel – Susan Conklu, Senior Transportation Planner
- **Pavement Restriping** **Presentation and Discussion**
Information on the coordination of re-paving and re-striping – Dave Meinhart, Transportation Planning Manager

Lofgren, Kyle

From: WebServices
Sent: Tuesday, June 7, 2022 1:51 PM
To: Conklu, Susan; Lofgren, Kyle; Pamela Iacovo; kentlall@pdx.edu; miller.maryann1@gmail.com; karenkoyal@cox.net; ktwilcoxon@gmail.com; Melnychenko, Mark; dna@anderson-nelson.com
Subject: Transportation Commission Public Comment
Importance: High

Name: Ross Stuart
Address: 10238 N 101st St, Scottsdale, AZ 85258
Email: ross.b.stuart@gmail.com
Phone: (480) 254-3467

Comment:

Good afternoon. I'm a resident in the Las Brisas community of Scottsdale Ranch just south of Shea on 100th Street. I am very happy to see an in progress turn lane off Shea eastbound. I've countless times been honked at for turning off Shea, as it seems everyone is in a hurry. I'd like to make a small request that a speed limit sign be installed on 100th street with the work. There is no sign following the turn, and although 100th St is 25mph, most travel 45 plus. The only sign before Mtn View is at the Las Brisas entrance, and it is also blocked by a tree. Since most modern cars read signs, it would be nice to encourage a safe speed on 100th as it is a popular walking area for residents and kids. Thank you, and again, glad to see the turn lane going in. Someday a stoplight light might be a nice addition at the intersection as well as the westbound turn onto Shea is treacherous. Thx again, Ross