



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

8:30 A.M.

Tuesday, February 1, 2022

Meeting will be held electronically and remotely

Until further notice Path and Trails Subcommittee meetings are being held electronically. While physical facilities are not open to the public, Path and Trails Subcommittee meetings are available on Scottsdale’s YouTube channel to allow the public to virtually attend and listen/view the meeting in progress.

1. Go to ScottsdaleAZ.gov, search “live stream”
2. Click on “Scottsdale YouTube Channel”
3. Scroll to “Upcoming live streams”
4. Select the applicable meeting

Call to Order

Roll Call

Don Anderson, Chair, Transportation Commission
Kyle Davis, Subcommittee Member
Teresa Kim Hayes-Quale - Commissioner, Parks and Recreation Commission
B. Kent Lall, Comimssioner, Transportation Commission
William Levie, Subcommittee Member

Public Comment

Only written comments submitted electronically are 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 Path and Trails Subcommittee from discussing or taking action on an item that is not on the prepared agenda.

1. [Approval of Meeting Minutes](#)Action

Approval of the Regular Meeting minutes of December 7, 2021

2. **Approval of the Paths & Trails Subcommittee Annual Report****Discussion and Action**
Approve the Paths & Trails Subcommittee Annual Report - From 2021
3. **Grant Process****Presentation and Discussion**
Information on how the grant process works and updates on recent grant applications - Susan Conklu, Senior Transportation Planner
4. **CIP Update**.....**Presentation and Discussion**
Provide an update on the yearly capital improvement project programs that fund bicycle, pedestrian, and equestrian projects – Susan Conklu, Senior Transportation Planner
5. **Other Transportation Projects and Programs Status****Information**
Status of projects and programs – Susan Conklu, 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

TUESDAY, DECEMBER 7, 2021

Meeting Held Electronically

CALL TO ORDER

The meeting of the Paths & Trails Subcommittee was called to order at 8:32 a.m. A formal roll call confirmed the presence of Subcommittee members as noted below.

ROLL CALL

PRESENT: Donald Anderson, Chair – Transportation Commission
Kent Lall, Commissioner – Transportation Commission
William Levie, Subcommittee Member
Teresa Kim Hayes-Quale, Commissioner – Parks and Recreation Commission

ABSENT: Kyle Davis, Subcommittee Member

STAFF: Susan Conklu, Senior Transportation Planner
Greg Davies, Senior Transportation Planner
Nathan Domme, Senior Transportation Planner
Kyle Lofgren, Staff Coordinator
Dave Meinhart, Transportation Planning Manager
Elaine Mercado, Project Manager

PUBLIC COMMENT

There were no public comments.

1. APPROVAL OF MEETING MINUTES

Chair Anderson called for modifications and approval of the minutes.

SUBCOMMITTEE MEMBER LEVIE MOVED TO APPROVE THE MINUTES OF THE OCTOBER 5, 2021 MEETING AS PRESENTED. SUBCOMMITTEE MEMBER LALL SECONDED THE MOTION, WHICH CARRIED 3-0 WITH CHAIR ANDERSON, SUBCOMMITTEE MEMBERS DAVIS, LALL AND LEVIE VOTING IN THE AFFIRMATIVE WITH NO DISSENTING VOTES. COMMISSIONER HAYES-QUALE ABSTAINED.

2. PATH COUNTER NUMBERS UPDATE

Nathan Domme, Senior Transportation Planner, stated that there are nine permanent counter locations in the City:

Greenbelt:

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

Non-greenbelt:

- Crosscut Canal Bridge
- Arizona Canal/84th Street alignment
- Pima Path south of Indian Bend Road
- Upper Camelback Wash/Cholla Street
- Sweetwater Avenue east of Loop 101

Key findings include:

- 56 percent decrease in network usage between spring and summer
- 4,306 average daily trips in the summer
- Greater decrease in weekend use than weekday use
- More usage during early am and late pm during hot periods
- Greater decrease in bike usage at McCormick Parkway and Pima Path
- Greater decrease in pedestrian use at Upper Camelback Wash and Sweetwater

An overview of individual counter statistics and ridership was provided. The counts will continue to be studied. Staff will look for ways to improve bike and pedestrian comfort during the summer months in order to increase usage. There is consideration for signal timing at intersections to improve wait times for pedestrians and cyclists. There are potential shade opportunities at locations along the path that conform to guidelines in the Transportation Action Plan (TAP). Improved lighting is a possibility for usage before sunrise and after sunset.

Chair Anderson inquired about the lighting situation in the areas the counters are located. Greg Davies, Senior Transportation Planner, stated that the locations do not have specific direct lighting, other than from surrounding ambient light. Cross-Cut Canal is a lit shared use path. The Green Belt Indian Bend Wash Path is completely lit. The Arizona Canal is not lit.

In answer to a question from Chair Anderson, Mr. Davies stated that ambient and street lighting will not affect the function of the pyro sensor.

Chair Anderson commented that the counters will help to quantify use and provide data to make changes as necessary. Dave Meinhart, Transportation Planning Manager added that the City is deploying two portable counters as well.

Mr. Davies stated that from January, 2021 to date, there have been over one million uses of the system. The most popular location is the greenbelt at the Indian School area. In response to a question from Chair Anderson, Mr. Davies stated that as of the beginning of the pandemic, there has been a 65 percent increase in use of the system.

3. TRANSPORTATION ACTION PLAN (TAP) INPUT

Mr. Meinhart gave an overview of the public outreach process, including an online questionnaire. A summary of responses was provided, including identification of transportation challenges, improvements to reduce auto use and identification of priorities. A virtual open house was held from October 18 through 31st, 2021 with recorded presentations for each element. There were 156 views and 11 comments submitted.

Comment topics included:

- Revise plan for 128th Street where McDowell Sonoran Preserve is on both sides
- Continue to improve bike and pedestrian access
- Crosswalk design concerns
- Light rail extension northbound into Scottsdale
- Widen Chaparral Road for access to Fashion Square area
- Development density concerns
- Do not install roundabouts
- Future Rio Verde widening must include wildlife crossing near 124th Street
- Do not widen Mountain View Road between 92nd and 96th
- Need mass transit
- Support reducing number of travel lanes

Bikeway element additions include:

- McDonald Drive: Scottsdale to Indian Bend Wash - add existing 8 foot south sidewalk to side path system map
- Indian Bend Road: Hayden to Pima -- add existing 8 foot north sidewalk (Hayden to 84th) to side path system map and add 84th to Pima to planned side path system map

Next steps include a final presentation of the draft TAP and recommendations to the Transportation Commission on December 16th, 2021 and review with City Council in early 2022.

Commissioner Lall commented that under the question about use of new technologies, it would be helpful for the questionnaire to cite examples of such opportunities within the question. As there was a 75 percent response in agreement with use of new technologies, this seems to be an area of great interest.

Subcommittee Member Levie stated that there did not appear to be any questions specifically addressing e-bikes and e-personal transportation in general. With these uses growing on the paths and trails in the City, the impacts to planning will increase.

In response to a question from Chair Anderson, Mr. Meinhart stated the majority of e-bikes have a pedal assist capability up to 20 miles an hour. Others max out at 15 miles per hour or 28 miles an hour.

4. OTHER TRANSPORTATION PROJECTS AND PROGRAM STATUS

Susan Conklu, Senior Transportation Planner and Mr. Davies gave updates on various projects and programs, including:

- McDowell Road Bike Lanes construction
- Dynamite Boulevard bike lanes construction
- Path Wayfinding signage construction
- Indian Bend Wash (IBW) Underpass at Chapparral 90 percent design
- 68th Street Complete Street 60 percent design
- Thunderbird Trail 60 percent design
- Mobile bike tours
- Osborn Road complete streets
- Thomas Road Bike Lane project
- Goldwater Underpass at Scottsdale Road and Chaparral Road
- Federal funding applications

In response to a question from Subcommittee Member Levie, Ms. Conklu stated that the plan for the IBW underpass at Chaparral to have construction funding in fiscal year 2022. There is currently no timeline for completion. In response to a question from Commissioner Hayes-Quale, Ms. Conklu stated that there will not be a tunnel east/west on the north side of the intersection. However, most movements are on the north/south paths on both sides of Hayden. The east/west tunnel south of the intersection will remain available.

Commissioner Hayes-Quale noted rising inflation levels and asks about increases in project cost estimates. Ms. Conklu said some increases are due to increased costs, however, staff typically includes an escalation fee in its estimates so that they do not come up short.

In response to a question from Commissioner Hayes-Quale, Mr. Davies stated that the Thunderbird Trail will be located on the north side of Thunderbird between Hayden and 76th Street. A project is being constructed at the Seventh Day Adventist campus. That project will include construction of a north/south trail on 76th Street west side. This will provide connectivity to Sweetwater. There will be improvements at Hayden to allow pedestrian access. They will also analyze the intersection for potential equestrian access options and DDD ramps. Mr. Meinhart added that there is also a trail going across Northsight, which connects to a trail on the west side of Loop 101, connecting to Sweetwater.

5. SUBCOMMITTEE IDENTIFICATION OF FUTURE AGENDA ITEMS

Chair identified future agenda topics including, wayfinding, bicycle education programs, Bike Month recap and access to Indian Bend wash.

6. ADJOURNMENT

With no further business to discuss, being duly moved by Commissioner Hayes-Quale and seconded by Subcommittee Member Levie, the meeting adjourned at 10:07 a.m.

Paths & Trails Subcommittee
December 7, 2021
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AYES: Chair Anderson, Subcommittee Members Lall and Levie and Commissioner Hayes-Quale.
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>**



2021 Annual Report

Paths & Trails Subcommittee

Prepared by Kyle Lofgren, Office Manager on December 28, 2021

Approved by the Paths & Trails Subcommittee on February 1, 2022

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 3-0.
- 2020 Bicycle and Pedestrian Collision Report; Information.
- 70th Street Neighborhood Bikeway; Presentation and Discussion.
- Old Town Bicycle Master Plan; Presentation and Discussion.
- Other Transportation Projects and Programs Status; Information.
- Transportation Action Plan (TAP), update on the development; Presentation and Discussion.
- Trail Maintenance Outreach; Information.
- Path Counters Update; Information.
- Green Bike Lane Markings; Information.
- Transportation Action Plan (TAP), proposed changes; Information and Discussion.
- Guidelines to Identify Pedestrian Crossing Treatments; Information.
- Bicycle and Related Devices Ordinance; Presentation and Discussion.
- Civic Center Renovation, updates on the design and construction; Presentation and Discussion.
- Path Counter Numbers Update; Presentation and Discussion.
- Transportation Action Plan (TAP) Input, review of the public input of the tap regarding bicycle, pedestrian and equestrian plans and priorities; Presentation and Discussion.
- Subcommittee Identification of Future Agenda Items; Discussion.

Current Member Attendance:

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

Note* Commissioner Doering was replaced by Commissioner Quale in August.

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 1, 2022.

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: N/A.

Upcoming Opportunities, Challenges, or Outcomes: N/A.

Additional Comments/Recommendations: N/A.

Report Approved on: February 1, 2022.

SCOTTSDALE PATHS & TRAILS SUBCOMMITTEE REPORT



To: Paths and Trails Subcommittee
From: Susan Conklu, Senior Transportation Planner
Subject: Grant Process
Meeting Date: February 1, 2022

Action: Information and discussion

Purpose:

Information on how the grant process works and updates on recent grant applications.

Information:

The Maricopa Association of Governments (MAG) manages several opportunities for Federal Highway Administration funding. On an annual or bi-annual basis, there is a Call for Projects for to fund construction of bike and pedestrian projects with funding allocated as:

- Congestion Mitigation and Air Quality Improvement Program (CMAQ)
- Transportation Alternatives (TA-MAG)

The CMAQ and TA-MAG funded projects require a 5.7% local match and the construction costs are reimbursed with the federal funding. Additionally, every summer MAG issues a Call for Projects for the MAG Design Assistance Program. This program provides agencies with a study and design concept using MAG's approved on-call design consultants.

Many projects that are approved for construction funding are also eligible for MAG Closeout Funds, when available. Closeout Funds are used for design or increased construction costs and also require a 5.7% local match.

On August 2, 2021 the Maricopa Association of Governments (MAG) announced the newest Call for Projects for CMAQ and TA-MAG bicycle and pedestrian construction projects. Total funding available for this announcement for Bicycle and Pedestrian Projects is approximately \$14 million for programing in Fiscal Year 2025.

In the past the City of Scottsdale has successfully obtained bicycle and pedestrian funding from previous Calls for Projects. The table below lists these projects, with an asterisk indicating those that received additional Closeout funds:

Project	Limits	Status
Goldwater Tunnel	South side of Arizona Canal	Complete
Arizona Canal Path	60 th Street to Goldwater Boulevard	Complete
Arizona Canal Path	Chaparral to Indian Bend Wash	Complete
Shea Underpass	124 th Street	Under design for repairs, construction in fall 2022
McDowell Road Bike Lanes *	Pima Road to 64 th Street	Recently completed
Indian Bend Wash Underpass *	Hayden Road and Chaparral Road	Design complete, awaiting US Army Corp of Engineering approval

Osborn Road Complete Street *	Hayden Road to Scottsdale Road	Construction in spring 2022
68 th Street Bike Lanes *	Thomas Road to Indian School Road	60% design, construction summer 2022
Thomas Road Bike Lanes	56 th Street to 73 rd Street	In design, construction 2023
Goldwater Underpass	Scottsdale Road and Chaparral Road	Preliminary design, construction late 2023

Additionally, every summer there is a Call for Projects for the MAG Design Assistance Program. This program provides agencies with a study and design concept using MAG's approved on-call design consultants. In the past the City of Scottsdale has successfully obtained design services for several projects including:

- Downtown Pedestrian Mobility Study
- Loop 101/ CAP Canal Path Crossing
- Bicycle Station Study
- 70th Street Neighborhood Bikeway from Continental to Old Town
- Old Town Scottsdale Bicycle Master Plan

On September 17, 2021 Transportation staff submitted two projects for the recent Call for Projects:

Location:	Total Cost:	Funding Type:
Indian Bend Wash (IBW) Path Extension from McDowell Mountain Ranch Road to Bell Road	\$1.8M	CMAQ/TA
Central Arizona Project (CAP) Canal Path from Scottsdale Road to Northsight Boulevard	\$2.4M	CMAQ/TA

MAG received seventeen (17) bicycle/pedestrian project requests, totaling more than \$38M in federal aid.

All projects go through a detailed process for scoring, prioritizing, recommendation, and approval at MAG, including:

- Active Transportation Committee reviews applications, agency presentations, and committee scoring. Comments are forwarded to Air Quality Staff.
- Air Quality Technical Advisory Committee recommends air quality evaluations of projects.
- Active Transportation Committee reviews scores and recommend priority listings of CMAQ and TA funded projects.
- Transportation Review Committee (TRC) reviews the prioritized listing and recommend programming of projects.

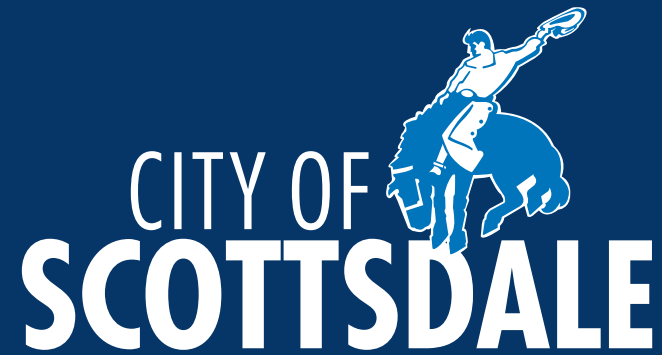
- Management Committee reviews the prioritized listing and approves proposed Transportation Improvement Program (TIP) listings.
- Regional Council makes final approval of the prioritized listings and recommend proposed TIP listings.

Next Steps:

At the January 13, 2022 MAG Management Committee Meeting, the Central Arizona Project Canal Path project was recommended for funding. The MAG Regional Council will vote to approve the project listing and proposed Transportation Improvement Program listings on January 26, 2022.

Grant projects approved by MAG must be added to the city's Capital Improvement Program for their appropriate years of design and construction. Per the city's financial policies, before grant projects begin to expend federal funds, City Council must approve acceptance of the grants.

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



Grant Process

Paths & Trails Subcommittee
February 1, 2022

Federal Funding through Maricopa Association of Governments (MAG)

- Annual or bi-annual Call for Projects - Federal Highway Administration Funding
 - Congestion Mitigation and Air Quality Improvement Program (CMAQ)
 - Transportation Alternatives (TA-MAG)
 - 5.7% Local Match Required
 - August 2, 2021 - \$14 million available for construction in 2025
- Design Assistance Program each summer
- Closeout Funds annual process each fall/ winter

Past Grant Funded Bike and Pedestrian Projects

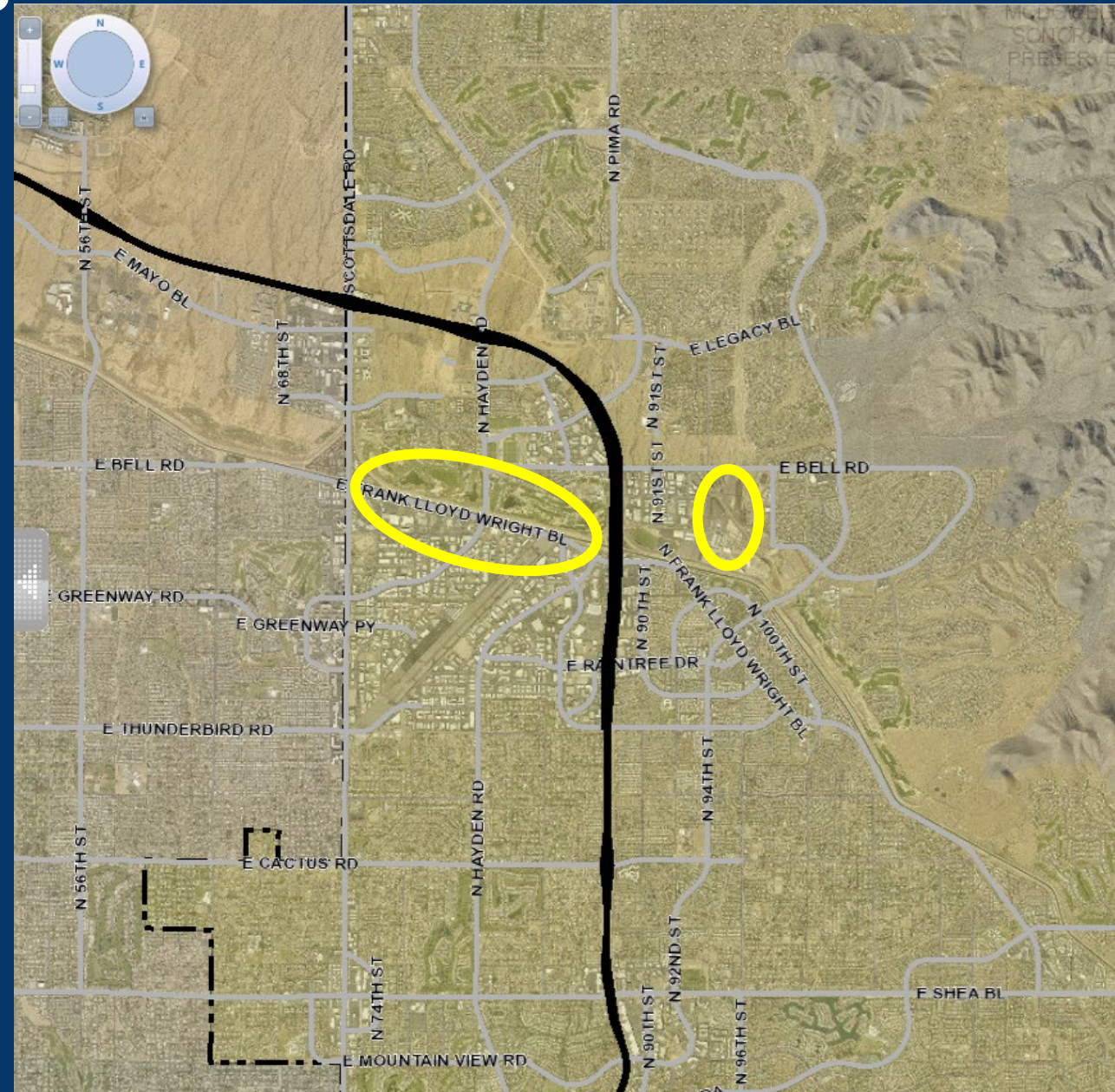
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Osborn Road Complete Street *	Hayden Road to Scottsdale Road	Construction in spring 2022
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Thomas Road Bike Lanes	56 th Street to 73 rd Street	In design, construction 2023
Goldwater Underpass	Scottsdale Road and Chaparral Road	Preliminary design, construction late 2023

Design Assistance Program

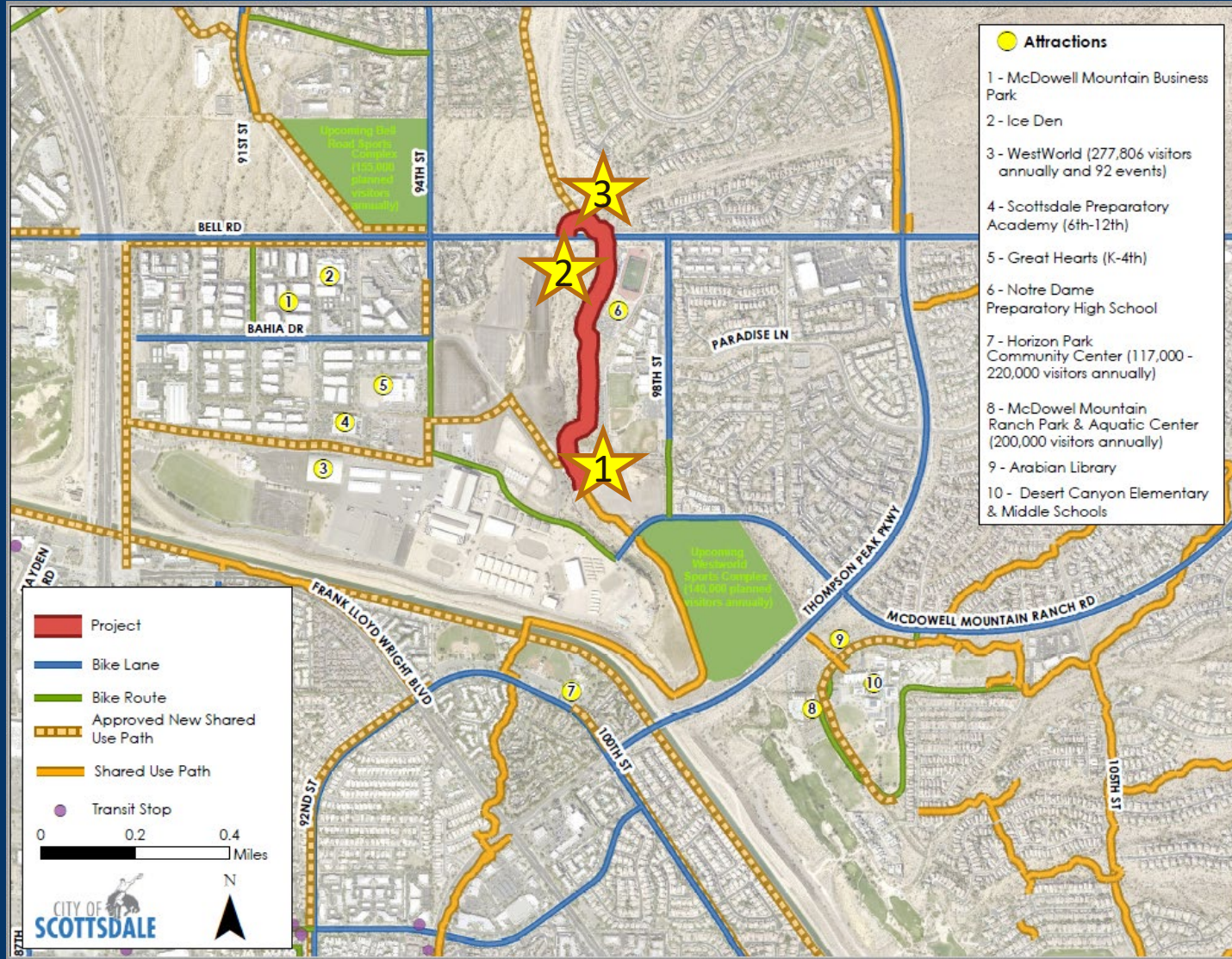
- Study and design concept using MAG's approve on-call design consultants
- Downtown Pedestrian Mobility Study
- Loop 101/ CAP Canal Path Crossing
- Bicycle Station Study
- 70th Street Neighborhood Bikeway from Continental to Old Town
- Old Town Scottsdale Bicycle Master Plan

Scottsdale Recent Submittals

- Indian Bend Wash Path (IBW) Extension: McDowell Mountain Ranch Road to Bell Road - \$1.8M
- Central Arizona Project (CAP) Canal Path from Scottsdale Road to Northsight Boulevard - \$2.4M



Indian Bend Wash Path Extension



Indian Bend Wash Path Extension



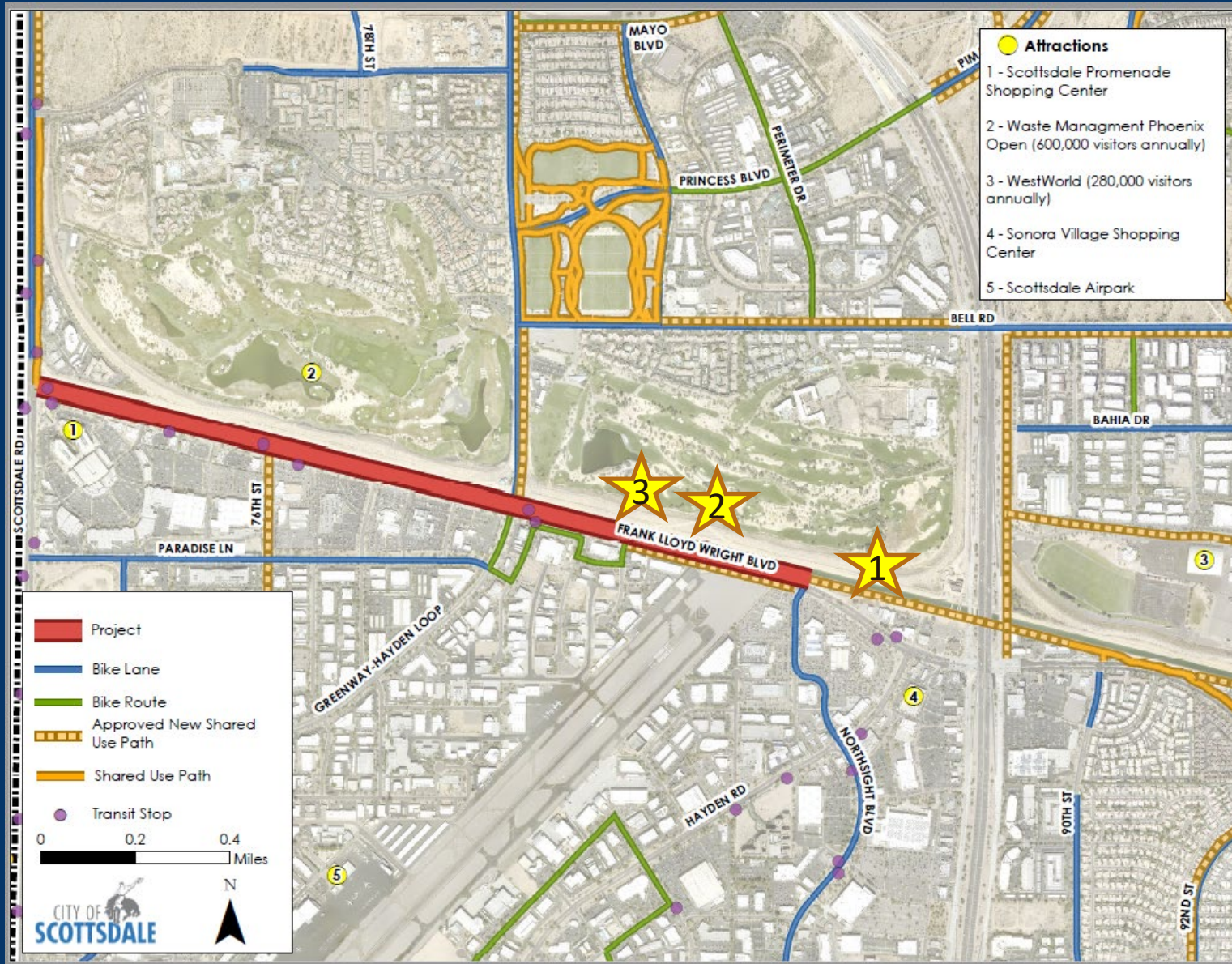
1. Looking southeast at existing path where it terminates near the drainage basin in WestWorld

2. Looking north underneath existing Bell Road Bridge



3. Looking west, on north side of existing Bell Road Bridge

Central Arizona Project (CAP) Canal Path



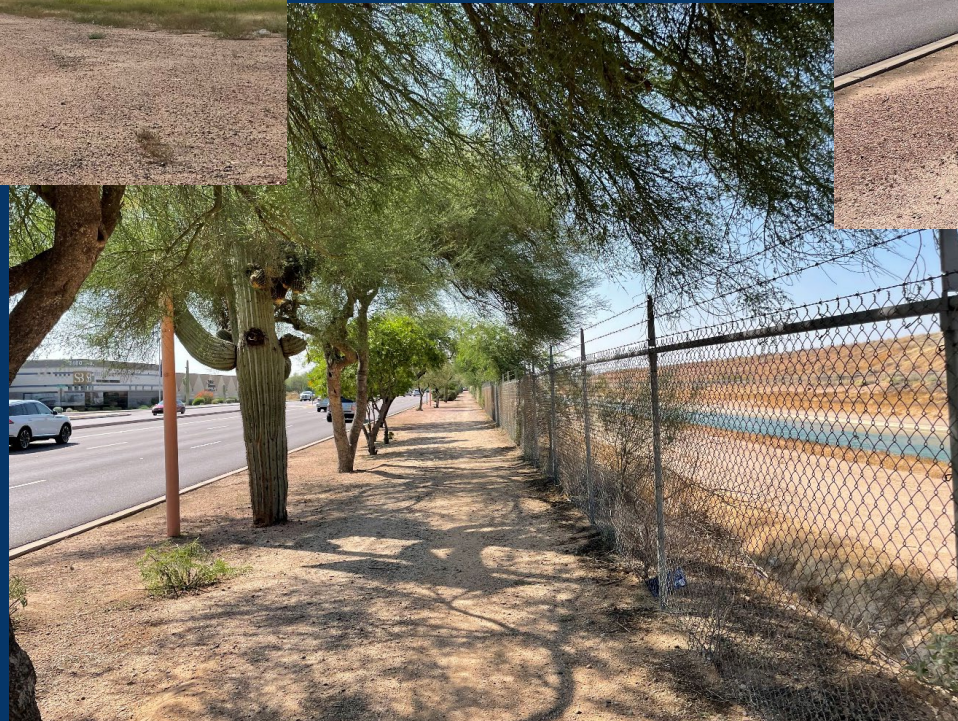
Central Arizona Project (CAP) Canal Path



1. Looking west toward project area and traffic signal at Northsight Blvd and Frank Lloyd Wright Blvd



2. Looking west in planned path alignment



3. Looking west near Frank Lloyd Wright Blvd and 82nd Street

MAG Project Scoring, Ranking, and Approval

- Air Quality Technical Advisory Committee
- Active Transportation Committee
- Transportation Review Committee (TRC)
- Management Committee reviews the prioritized listing and approves proposed Transportation Improvement Program (TIP) listings.
- Regional Council makes final approval of the prioritized listings and recommend proposed TIP listings.

Next Steps

- MAG received seventeen (17) bicycle/pedestrian project requests, totaling more than \$38M in federal aid.
- MAG Management Committee January 13, 2022 Meeting
 - The top three (3) CMAQ projects to be funded, the 4th ranked project to be partially funded.
 - CAP Canal Path project ranked 3rd
 - The highest ranked TA project (not already funded by CMAQ) to be partially funded.

Next Steps

- MAG Regional Council January 26, 2022 Meeting
 - Vote to approve project listing and proposed MAG TIP listings
- Scottsdale City Council approval of grant acceptance
- Add project to the CIP for design and construction

SCOTTSDALE PATHS AND TRAILS SUBCOMMITTEE REPORT



To: Paths and Trails Subcommittee
From: Susan Conklu, Senior Transportation Planner
Subject: Capital Improvement Project Programs
Meeting Date: February 1, 2022

ITEM IN BRIEF

Action: Presentation and discussion

Purpose:

Provide an update on the yearly capital improvement project programs that fund bicycle, pedestrian, and equestrian projects.

Background:

The Transportation Department implements bicycle, pedestrian, and equestrian projects from the 2016 Transportation Master Plan. After adoption of the Draft Transportation Action Plan 2021, staff will use the Implementation Element of the TAP. These improvements are designed and constructed as stand-alone projects or in conjunction with other intersection and streetscape improvements. City projects are funded in several ways including:

- Bond funding
- Federal grants
- Local 0.2% Transportation Sales Tax

Projects that are under \$250,000 can be funded yearly through programmatic CIP funds referred to as Y Projects. These include ADA Transition Plan Implementation, Trail Improvement Program, Sidewalk Improvements, and the Bikeways Program. A standalone CIP project called Buffered Bike Lane Installation is also funded. The list of projects that utilize this funding are not typically submitted yearly during the Capital Improvement Program (CIP) budget package that City Council will review and approve. Instead, City Council approves the amount of funding yearly for each program. Table 1 below provides the funding City Council approved for the Fiscal Year 2021/22 Capital Improvement Program Budget.

Table 1
FY 2021/22 Capital Improvement Program Budget

Program Name	FY2021/22 Adopted	FY 2020/21 Carry Over	FY 2021/22 Remaining Budget	Available
ADA Transition Plan Implementation	\$300,000	\$155,000	\$300,000	\$455,000
Trail Improvement Program	\$200,000	\$122,000	\$200,000	\$322,000
Sidewalk Improvements	\$200,000	\$32,000	\$200,000	\$232,000
Bikeways Program	\$400,000	-	\$324,000	\$324,000
Buffered Bike Lanes	\$400,000	\$175,000	\$400,000	\$575,000

Transportation staff identify and prioritize projects for funding throughout each year using similar criteria to the Transportation Master Plan project ranking. Projects typically include public outreach during design.

Update:

There are several projects that are currently in design or construction, several that are being considered to move to design phase and some projects are on hold for various reasons (see PowerPoint presentation). Sometimes, a project that is in design in one fiscal year, is constructed in the following year. If a project cost will exceed \$250,000 it may still be designed with a specific program. However, funding for construction that project would then become part of the Transportation request list in the annual CIP budget process. Then the project would receive its own CIP number.

Transportation staff presented this topic at several meetings including:

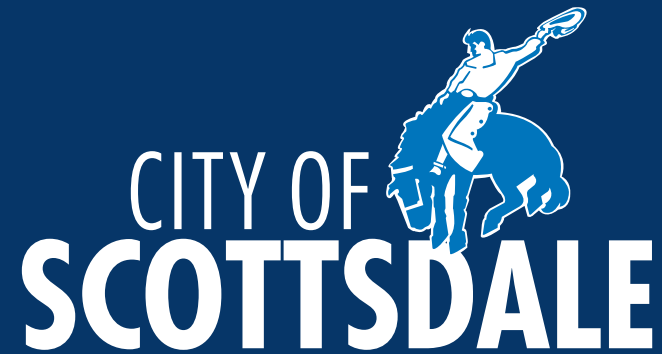
- February 4, 2020 Paths and Trails Subcommittee meeting
- August 4, 2020 Paths and Trails Subcommittee meeting
- August 20, 2020 Transportation Commission meeting

Feedback at each meeting was positive. This presentation can become made as an annual update to the Paths & Trails Subcommittee, if desired.

Next Steps:

Staff would like Paths and Trails Subcommittee input on the list for this current fiscal year.

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



Capital Improvement Project Programs

Paths & Trails Subcommittee
February 1, 2022

Background

- Implementation from 2016 Transportation Master Plan
 - Bicycle, pedestrian and equestrian improvements
 - New: ADA Transition Plan and Buffered Bike Lanes
- Funding includes:
 - Bonds
 - Federal grants
 - Regional funding
 - Local 0.2% Transportation Sales Tax

Program Funds – Projects Under \$250,000

- City Council approves the amount of funding annually for each program, rather than the project list:
- Design and construction
 - Can fund design in one year, construction the following year
 - Some programs fund design only with construction funding through a CIP number

Current Funding Fiscal Year 2021/22

- Transportation staff rank and prioritize projects (including new requests) for the funding throughout each year
- Projects typically include public outreach during design.

Program Name	FY2021/22 Adopted	FY 2020/21 Carry Over	FY 2021/22 Remaining Budget	Available
ADA Transition Plan Implementation	\$300,000	\$155,000	\$300,000	\$455,000
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Active Projects

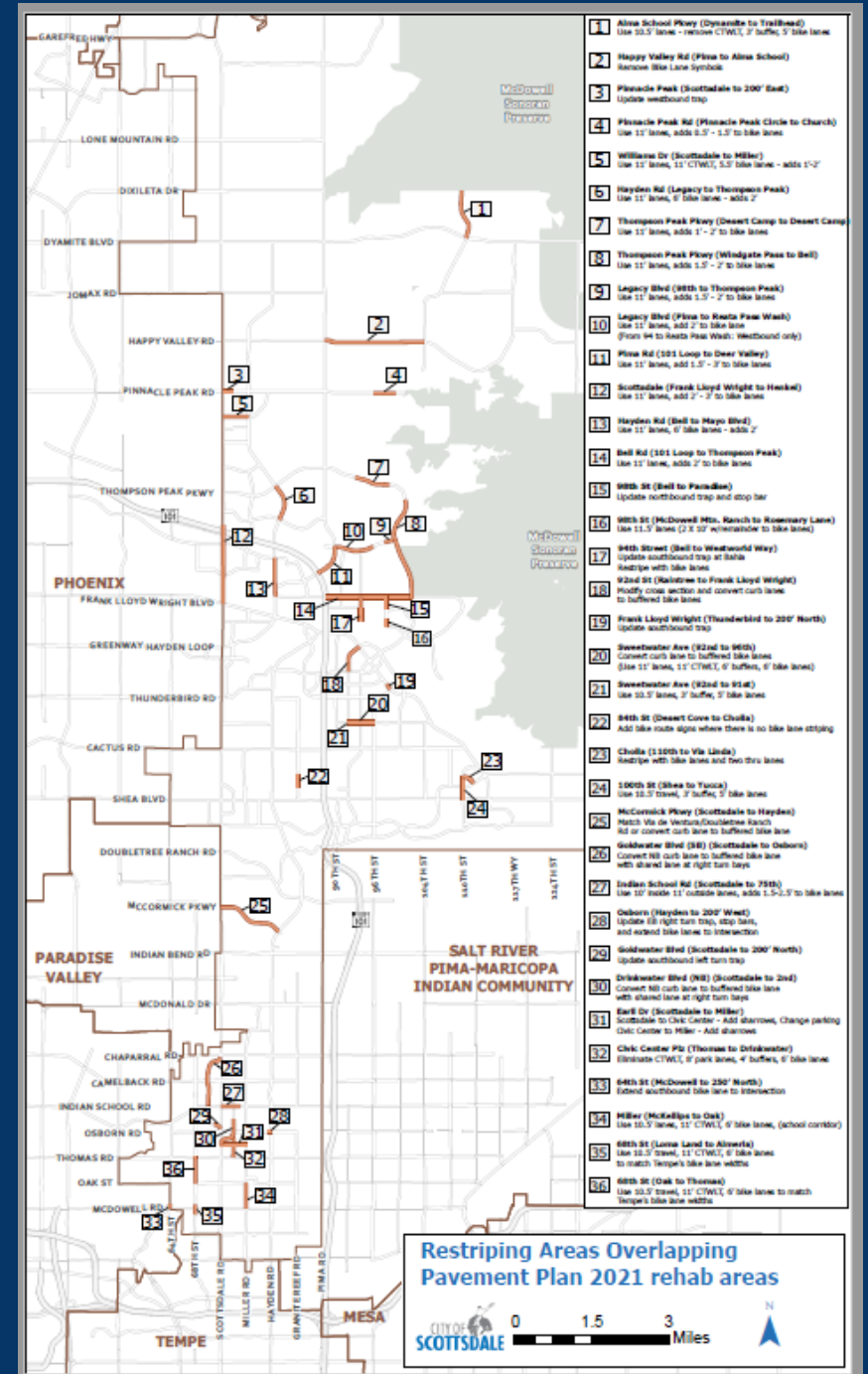
PROGRAM	NAME	LOCATION	DESCRIPTION	STATUS/COMMENTS	COST/ BUDGET	% COMPLETE
ADA	Priority Area 1	Old Town area	Add curb ramps and truncated domes	Construction planned after April	Getting cost estimate	In progress
ADA	IBW/Pima Path	Various locations	Widening ramps and adding truncated domes	Construction planned with Priority Area 1	Getting cost estimate	
ADA	Mountain View Sidewalk	Indian Bend Wash to Arabian Trail	Complete sidewalk on N side & connect to existing path & underpass at Mt View Park & School	COMPLETED		100%
ADA	Thomas Road	81st to 82nd Street	Short gap adjacent to frontage road	COMPLETED		100%
Sidewalk	Camelback	Miller to 73 rd	Sidewalk gap on north side of street	Addressing utility and right-of-way issues	\$1.5M	99%
Sidewalk	Thomas Road	86 th Street	Modfiy existing splitter island at SE Corner of intersection, HAWK by others	Tentative construction winter 2022	\$212,873	
Sidewalk	Camelback	AZ Canal	750 feet of path along north side of canal.	Path on Hold due to technical challenges and cost/benefit. Installing temporary asphalt walkway.	COMPLETE	100%
Bikeway	Jackrabbit Connection	Chaparral Park	Improve path within park and southeast corner of Hayden Road and Jackrabbit	In design	\$217,000	60%

Active Projects

PROGRAM	NAME	LOCATION	DESCRIPTION	STATUS/COMMENTS	COST/ BUDGET	% COMPLETE
Bikeway	Indian Bend Wash Renovation	<ul style="list-style-type: none"> North of Via de Ventura South of Via de Ventura Glenrosa to Camelback Osborn to Earll 	Remove existing path and construct 10-foot wide path	In design	\$2,119,000	
Bikeway	Path Wayfinding Signage	Thomas Road to Indian Bend Road	IBW path wayfinding and directional signage	Sign submittal and mock up in review. Start date pending approval.	\$800,000	
Bikeway	Path Counters	8 permanent locations and 2 mobile		COMPLETED	\$150,000	100%
Trail	Thunderbird	76 th Street to 83 rd Street	Construct trail and railing on north side of street	In design	Getting cost estimate	
Trail	Pinnacle Peak	Miller Road to Williams Drive	Construct trail on south side of street, to improve connection to school in the neighborhood to the south	In design	Getting cost estimate	
Trail	Trail Repairs	IBW west side of Hayden south of Jackrabbit / IBW in Camelback Park	Repair trail adjacent to IBW path in two areas, due to erosion	In progress	Getting cost estimate	
Trail	Pinnacle Vista Trail	56th to 62nd	Construct trail on north side to connect to school.	COMPLETED	\$20,018	100%
Trail	Ranch Gate Trail	119th alignment to 125th Place	Construct trail on south side of Ranch Gate Road	COMPLETED	\$12,808	100%

Active Projects

- Buffered bike lanes and roadway restriping
- Coordinated with 5-Year Paving Plan



Next Candidate Projects to Rank for Active List

PROGRAM	NAME	LOCATION	DESCRIPTION	COMMENTS	COST ESTIMATE
ADA	Granite Reef	Joe Foss Way	New and updated ramps needed		
ADA	Curb ramps	Priority Area 2 and 3			
Bikeway	Path Restriping	Various locations	Restripe edgelines and add centerlines, a few sections are getting striping for the first time		Need cost estimate
Trail	Pinnacle Vista and 79 th Street area	Redbird, Pinnacle Vista, 78 th St, 79 th St area	Neighborhood trails	Former dirt roads have dust mitigation 2X per year, leaving slippery surface for horses, streets are also narrow for walking/riding. Neighbor request.	Need cost and public outreach

Next Steps

- Staff would like input on the list for this current fiscal year.
- Transportation staff will continue ranking projects to move to the Active List.
 - This includes working with Capital Project Management staff on design and construction.
- After adoption of the Transportation Active Plan, staff will use the Implementation Program for ranking and prioritizing projects.

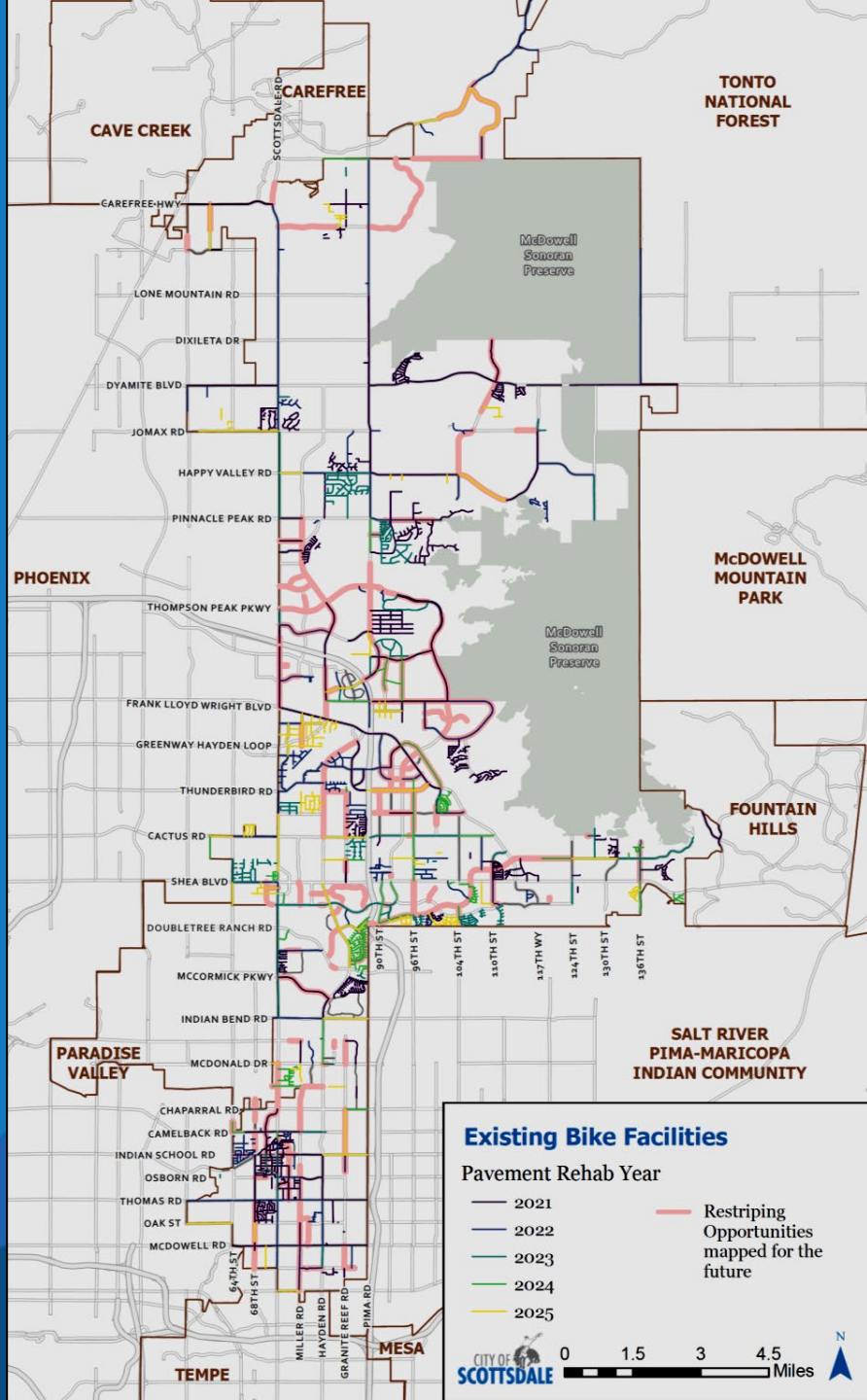
Questions

Projects and Programs Update

Paths and Trails Subcommittee
February 1, 2022

McDowell Road Bike Lanes

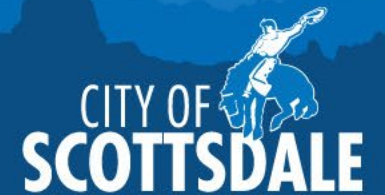
Dynamite/ Rio Verde Bike Lanes



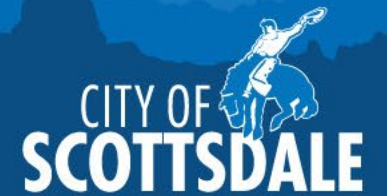
Paving project
 + Restriping for bike lanes
 + ADA/Safety improvements

Comprehensive approach

Continuing to see how we can fully plan and coordinate efforts.



Thank you. Questions?



TENTATIVE FUTURE AGENDA ITEMS

Rev.01-24-2022

All Items Subject to Change

TRANSPORTATION COMMISSION

MEETING DATE: March 17, 2022

REPORTS/PRESENTATIONS DUE March 9

- **Approval of Meeting Minutes** **Action**
Approval of Regular meeting minutes February 17, 2022
- **Commission Identification of Future Agenda Items**.....**Discussion**
Commissioners may identify items or topics of interest for future Commission meetings

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
- **Proposition 400 Extension**.....**Information**
*Information on Preposition 400 and the newly adopted Regional Transportation Plan – MAG Staff (*or Dave Meinhart, Transportation Planning Manager)*

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
- **Cost Implications on CIP Projects**.....**Presentation and Discussion**
Discussion on costs during CIP projects and how it can be addressed– Dave Meinhart, Transportation Planning 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
- **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
- **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

PATHS & TRAILS SUBCOMMITTEE

MEETING DATE: February 1, 2022

REPORTS/PRESENTATIONS DUE January 24

- **Approval of Meeting Minutes Action**
Approval of Regular meeting minutes of December 7, 2021
- **Approval of the Paths & Trails Subcommittee Annual Report Discussion and Action**
Approval of the Paths & Trails Subcommittee Annual Report – From 2021
- **Grant Process Presentation and Discussion**
Information on how the grant process works and updates on upcoming grant applications – Susan Conklu, Senior Transportation Planner
- **CIP Update Presentation and Discussion**
Provide an update on the yearly capital improvement project programs that fund bicycle, pedestrian, and equestrian projects – Susan Conklu, Senior Transportation Planner
- **Subcommittee Identification of Future Agenda Items..... Discussion**
Subcommittee members may identify items or topics of interest for future Subcommittee meetings

FUTURE ITEMS:

INFORMATION ITEMS

- **Federal Highway Administration’s Safety Countermeasures.....Information**

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

- **Vision Zero**..... **Information**
Information on Vision Zero (Tempe) – Susan Conklu, Senior Transportation Planner

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
- **Bike Lane Safety Measures** **Presentation and Discussion**
Information on how bike lanes improve safety – 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
- **Bicycle Education Program** **Presentation and Discussion**
Update on Laws and Education – Susan Conklu, Senior Transportation Planner
- **Bike Month Recap**..... **Presentation and Discussion**
Information on Bike Month – Susan Conklu, Senior Transportation Planner