Bicycle Friendly Community Public Meeting

May 30 and June 4, 2019
Bikeways and Trails

- Connectivity to destinations – local and regional
- Quality of life for residents and visitors
- Safety
- Access to McDowell Sonoran Preserve
- Funding: 0.2% Transportation Sales Tax
Transportation Master Plan

- 2008 Bike Element Goals:
  - Provide a safe, connected, and convenient on-road bicycle network throughout the City of Scottsdale;
  - Expand the network of off-street shared-use paths and trails within the City of Scottsdale;
  - Achieve a Bicycle Friendly Community ranking of Gold from the League of American Bicyclists
- Transportation Master Plan Updated in 2016
  - More condensed document
  - Integrated the 2004 Trails Master Plan
Bikeways Projects

Bike Lanes
- New Construction
- Reconstruction
- On-Street Re-Striping
  - Routine pavement maintenance
  - Low cost

Paths and Trails
- Prioritization for Capital Improvement Plan
- Private development
# Existing Bicycle Facilities

<table>
<thead>
<tr>
<th></th>
<th>1995</th>
<th>2007</th>
<th>2015</th>
<th>2019</th>
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<tbody>
<tr>
<td>Bike Lanes</td>
<td>8</td>
<td>86</td>
<td>134</td>
<td>174</td>
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<tr>
<td>Bike Routes</td>
<td>0</td>
<td>50</td>
<td>123</td>
<td>103</td>
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<tr>
<td>Paved Shoulders</td>
<td>0</td>
<td>10</td>
<td>*8</td>
<td>7</td>
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<tr>
<td>Paved Paths</td>
<td>37</td>
<td>61</td>
<td>89</td>
<td>129</td>
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<tr>
<td>Unpaved Trails</td>
<td>35</td>
<td>238</td>
<td>143</td>
<td>133</td>
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<tr>
<td>Outside Preserve</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>McDowell Sonoran</td>
<td></td>
<td></td>
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<tr>
<td>Preserve</td>
<td>47</td>
<td>172</td>
<td>214</td>
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</tr>
</tbody>
</table>

* 4 miles were converted to bike lanes
Existing Bikeway Network

Scottsdale Path/Trail Network

- Bike Lane, Existing
- Bike Route, Existing
- Paved Shoulder, Existing
- Shared Use Path, Existing
- Unpaved Trail, Existing

Date: 6/4/2019
Scottsdale Transportation GIS

Regional and local connectivity
Regional and local connectivity
## Off-Street Bicycle Network

<table>
<thead>
<tr>
<th>Category</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>Enhanced Crossings</td>
<td>192 total</td>
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<tr>
<td>Grade-Separated</td>
<td></td>
</tr>
<tr>
<td>Underpasses</td>
<td>42</td>
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<tr>
<td>Tunnels</td>
<td>44 *</td>
</tr>
<tr>
<td>Bridges</td>
<td>22</td>
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<tr>
<td>At-Grade</td>
<td></td>
</tr>
<tr>
<td>HAWK</td>
<td>7</td>
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<tr>
<td>Pedestrian Refuges</td>
<td>81</td>
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<tr>
<td>Raised Ped Crossings</td>
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<tr>
<td>Rectangular Rapid Flashing Beacons</td>
<td>7</td>
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*2 tunnels are closed pending path construction*
Off-Street Bicycle Network

Scottsdale Path/Trail Network & Crossings

Date: 6/4/2019
Scottsdale Transportation GIS
Bike Racks in Old Town

Scottsdale Transportation GIS
Downtown Bike Parking

Date: 5/30/2019

Map showing locations of bike racks in Old Town Scottsdale.
Recently Completed Projects

- Crosscut Canal Bridge and Path
  - South of McDowell
  - Connects to Bellevue bike route
- 2nd Street Path
  - Connects Indian Bend Wash Path to 75th Street and Civic Center Library
- 68th Street Bridge Over Arizona Canal
  - Full bridge replacement
  - Added sidewalks and bike lanes on both sides of the bridge
  - Improved connection of the canal path to the crosswalk
- Adero Canyon Path
  - Sole connection for bicyclists and pedestrians between Scottsdale and Fountain Hills
Recently Completed Projects

- Detection for Bicyclists at Traffic Signals
  - Approximately 30 locations completed

- Wayfinding Signage for Paths and Trails
  - Design is complete for McKellips Road to Indian Bend Road

- Bicycle Station Study
  - Concept is completed
  - Fully funded with a grant from Maricopa Association of Governments
Upcoming Projects

• Hayden and Thomas Intersection
• Shea Underpass and Trail near 124th Street
• Arizona Canal path North of Camelback
• McDowell Road Bike Lanes
• Osborn Road Complete Street: Hayden to Scottsdale Road
• Hayden and Chaparral Underpass east of Hayden
• 68th Street Complete Street from Thomas to Indian School
• Thomas Road Bike Lanes from 73rd Street to 56th Street
Upcoming Projects

- Arterial Life Cycle Program (ALCP)
  - 70% funding from Maricopa Association of Governments (MAG) from Proposition 400 – half cent sales tax, expires in Fiscal Year 2026
  - 30% Scottsdale contribution using 0.1% temporary (10 year) transportation sales tax increase, voter-approved in November 2018

<table>
<thead>
<tr>
<th>Table 2</th>
<th>Mileage</th>
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<tr>
<td>Corridor</td>
<td>Path</td>
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<tr>
<td>Pima Rd - Pinnacle Peak to Happy Valley</td>
<td>1.0</td>
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<tr>
<td>Happy Valley - Pima to Alma School</td>
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</tr>
<tr>
<td>Raintree Drive - Scottsdale to Loop 101</td>
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</tr>
<tr>
<td>Redfield Road - 76th to Hayden</td>
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<tr>
<td>Pima Rd - Krail to Chaparral</td>
<td>0.0</td>
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<tr>
<td><strong>Total In Design</strong></td>
<td><strong>1.0</strong></td>
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<table>
<thead>
<tr>
<th>Table 3</th>
<th>Mileage</th>
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</thead>
<tbody>
<tr>
<td>Corridor</td>
<td>Path</td>
</tr>
<tr>
<td>Pima Rd - Happy Valley to Stagecoach</td>
<td>7.0</td>
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<tr>
<td>Scottsdale Rd - Thompson Peak to Carefree</td>
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<td>Carefree Hwy - 56th to Scottsdale</td>
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<td>Shea Blvd - Loop 101 to 144th</td>
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<td>Hualapai &amp; Mayo Connections</td>
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<tr>
<td>Pima Rd - Chaparral to Thomas</td>
<td>0.0</td>
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<tr>
<td><strong>Total Future</strong></td>
<td><strong>15.7</strong></td>
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Outreach, Education and Events

• Promote Bikeways and Trails to all ages
• Presentations
  • K-12 Classrooms and college students
  • Scout troops
• Bike Rodeos to learn cycling skills
• Community bike rides – Cycle the Arts, ride rules
• Walk and Bike to School Day
Bike Month

• April is Valley Bike Month
  • Began as single Bike to Work Day in 1980s
  • Grew to a full month in 2005
• Valley Metro partnership with cities
  • Event promotion on [www.ShareTheRide.com](http://www.ShareTheRide.com)
  • Printed materials
  • Bike Month Challenge with prizes
  • “Sweet Deals” for bicyclists at valley businesses
  • Free t-shirts designed by artists
• City events
  • Scottsdale Cycle the Arts
  • Bike to Work Day
Cycle the Arts

- Began in 2005 – Annual Bike Month activity.
- Partner with Scottsdale Public Art staff, board members, artists, as well as Valley Metro
- Promote Public Art and Bikeways to all ages:
  - Education on bike skills – pre-ride safety talk
  - Percent for Art Program and extensive art collection
  - Capital Improvement Program
  - Highlight new projects
  - Encourage bike riding for all experience levels
  - Small groups with ride leaders and sweepers
Cycle the Arts 2019

- Cycle the Arts Downtown Family ride
  - Sunday April 14th
  - Museum of the West
  - Mayor Lane kicked off the event
  - 13 miles long, 9 art stops
  - 50 attendees
  - Received 2 t-shirts and breakfast snacks
    - Artist Lucretia Torva signed shirts and posters
Cycle the Arts 2019

- Route and stops
  - Diamond Bloom
  - Tributary Wall
  - One-Eyed Jack
  - The Yearlings
  - Swale
  - Garden of Evidence
  - Historical Happenstance and IN FLUX
  - Swimming Dream
  - Jack Early Mural at Rage Cycles
Bike to Work Day

- Wednesday April 17th
  - Stops at Vista del Camino Park, ReGroup Coffee, One Civic, Mountain View Park
  - Drinks, breakfast snacks, and t-shirts
  - Sponsors: General Dynamics, Phil and Shar Roos, ReGroup Coffee, & Scottsdale Transportation Department
  - Approximately 109 riders
  - Councilwoman Whitehead biked to work via Mountain View Park
Pueblo Elementary Bike to School Day

• Wednesday May 8, 2019
• Transportation and Police Bike Unit
• 50 students and several parents
• Helmet fittings and safety talk
• Raffled helmet, bike tune up, and bags
• Snacks and drinks by Renegade Coffee
Safe Routes to School Coordinator

- Grant funded part-time Coordinator for events at 15 SUSD K-8 schools
  - Walk & Bike to School Day
  - Classroom activities
- Modest incentives
  - Helmets, stickers, bracelets
- Also coordinate with staff:
  - Engineering and Enforcement

![Image of group of children and adults with bikes]
League of American Bicyclists (LAB)

- The Bicycle Friendly Community (BFC) program recognizes municipalities that actively support cycling and encourage residents to use bicycles for transportation and recreation.
- Evaluation of cities gives measurable goals for improvements
- The 5 E’s
  - Engineering
  - Education
  - Encouragement/ events
  - Enforcement
  - Evaluation and Planning
  - 6th E: Equity

LAB provides resources to communities
League of American Bicyclists (LAB)

- An award of Diamond, Platinum, Gold, Silver or Bronze status is designated for four years.

- Scottsdale awarded Silver level in 2005.
  - First community without a university or college to reach Silver level.

- Awarded Gold level in 2011 and 2015
  - Public input for applications.
  - Local reviewers help LAB evaluate applications.
  - Received feedback from LAB.
No two communities are the same. These are an average of key benchmarks.
Bicycle Friendly Communities

• 2011
  • 190 communities in 46 states
  • 3 Platinum
  • 14 Gold

• Fall 2015
  • 372 communities in 50 states
  • 5 Platinum
    • Boulder, Fort Collins, Davis, Portland, and Madison.
  • 24 Gold

• Spring 2019
  • 462 communities in 50 states
  • 5 Platinum
  • 34 Gold
Engineering Key Steps to Platinum

- Continue to expand and improve the bike network through the use of different types of bicycle facilities.
- Install a bicycle wayfinding system with distance and destination information.
- Continue to increase the amount of high quality bicycle parking throughout the community.
- Launch a bike share system that is open to the public.
Education Key Steps to Platinum

- Work with your local bicycle groups or interested parents to expand the Safe Routes to School program to all schools.
- Continue efforts to expand adult bicycle education opportunities such as commuter classes.
Encouragement Key Steps to Platinum

- Increase your efforts on Bike to Work Day and Bike to School Day.
- Offer a ‘Cyclovia’ or Open Streets type event, closing off a major corridor to auto traffic and offering the space to cyclists and pedestrians.
Enforcement Key Steps to Platinum

- Continue to ensure that police officers are educated on traffic laws as they apply to bicyclists and motorists as well as bicycling skills.
- Consider an update to your restriction on motorized bikes on paths to account for newer models of electrically-assisted bicycles.
Evaluation & Planning
Key Steps to Platinum

• Continue efforts to update your 2008 bicycle plan to ensure that state-of-the-art bicycle facilities are included, and that infrastructure planning is complemented with encouragement, education, and enforcement programs.

• Adopt a target level of bicycle use (percent of trips) to be achieved within a specific timeframe, and ensure data collection necessary to monitor progress.

• Ensure that your bicycle counts also capture the gender of cyclists to identify any gender gaps.
Next Steps

• Public Outreach – Meetings, online, individual meetings
• Staff are 75% finished drafting the application
• Current application form has improved in format and asks for more detail:
  – Bicycle Parking
  – Lighting
  – Bike Share
  – Education – Students and Adults
  – Bicycle-Related Laws
  – Funding and Implementation
  – Expanded Evaluation Methods
  – Bonus Points for Each of the 5 E’s
• Scottsdale will apply for the next BFC August 8, 2019.
Discussion