

SUNNYSLOPE  
NEIGHBORHOODS



A MOBILITY IMPROVEMENT PROJECT

# PHOENIX MOBILITY STUDY

## Sunnyslope Neighborhoods

### *Mobility Area #12*

## Final Report

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Prepared for:



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- Appendix A: MA 12 Current Conditions Report
- Appendix B: Mobility Improvement Project Detailed Cost Estimates
- Appendix C: Mobility Improvement Project Prioritization Results

## **MOBILITY ASSESSMENT AREA #12 OVERVIEW**

Illustrated in **Figure 1**, the T2050 Mobility Assessment Area #12 (MA 12) is approximately 7 miles north of Downtown Phoenix between Interstate 17 (I-17) and State Route 51 (SR-51). MA 12 is generally bounded by Mountain View Road and North Mountain to the north, Northern Avenue to the south, 12<sup>th</sup> Street to the east, and 7<sup>th</sup> Avenue to the west. MA 12 falls within the Sunnyslope community which is most notably known for the white “S” landmark on North Mountain near Central Avenue and Hatcher Road (Picture 1). Sunnyslope is located in the City of Phoenix North Mountain Village.

The Sunnyslope community has historical relevance dating back to the turn of the 20<sup>th</sup> century when the first neighborhood was platted in 1911. Many of the original frontiers to the area were seeking the arid climate to aid their recovery from tuberculosis, rheumatism, asthma and other various diseases. One such resident was John C. Lincoln who relocated from Ohio to treat his wife’s tuberculosis. The family immediately became a beacon of light for the community offering a faith-based medical services for the neighborhood, eventually evolving into the John C. Lincoln Health Network which remains as the area’s largest employer.



In the late 1940s, after World War II, the community really boomed. Many small businesses, churches and schools were established. The older neighborhoods contribute a historic character of the area, but also create opportunities for needed rehabilitation and upkeep in select areas.

The Arizona Canal (or Grand Canal) is the most notable transportation feature within MA 12, bisecting the study area as it traverses through the middle of the study area. The area to the north of the canal includes a broader mix of older homes and higher density of residential and non-residential uses. By contrast, the collection of neighborhoods south of the canal are predominately larger lot, single family homes with more favorable property values and socio-demographics than the areas north of the canal. The canal is an excellent source of regional connection for bicyclists and pedestrians. However, the canal also acts as physical barrier negatively effecting local mobility and connectivity. Within the study area, there are only five locations that cross over or under the canal, which are all exclusive to major roadways only including 7<sup>th</sup> Avenue, Dunlap Avenue, Central Avenue, 7<sup>th</sup> Street, and 12<sup>th</sup> Street.

There are many different education facilities within MA 12, including four schools and a community center. These locations are major destinations which typically attract a high volume of multimodal users, thus exacerbating the importance of mobility and connectivity issues in MA 12. As illustrated on **Figure 1**, the schools include Sunnyslope High School, Sunnyslope Elementary School, Desert View Elementary School, and Most Holy Trinity Elementary/Pre-school. In addition, the Sunnyslope Community and Senior Center is located in the northeast area of MA 12 and is one of the most significant destinations within the MA 12 study area.

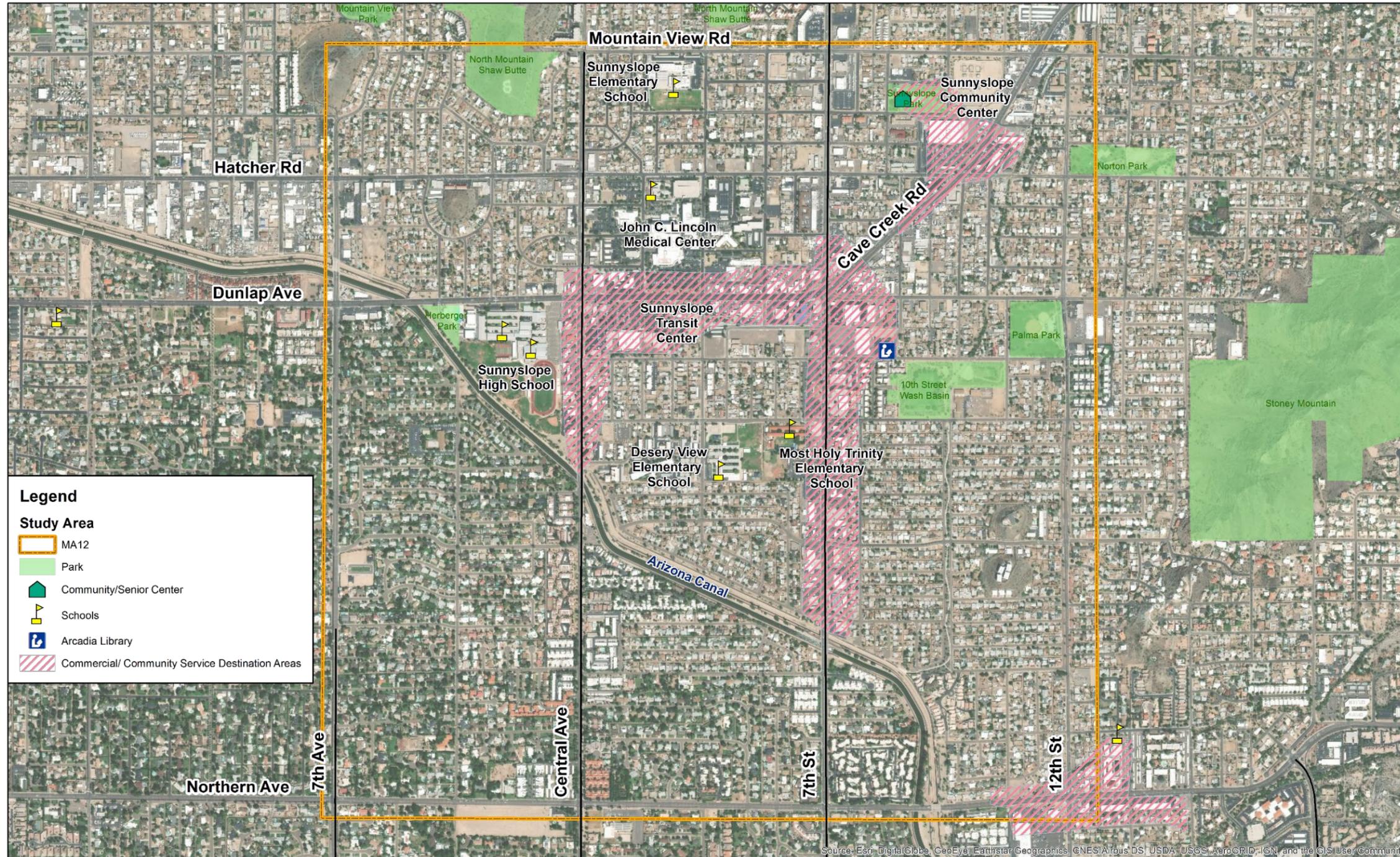
There is a significant concentration of commercial development along Dunlap Avenue between 7<sup>th</sup> Street and Central Avenue that attract frequent multimodal visitors from the adjacent neighborhoods, particularly the Sunnyslope Transit Center located south of Dunlap Avenue on 3<sup>rd</sup> Street. Other neighborhood commercial cores include Central Avenue between the Grand Canal and Dunlap Avenue, and 7<sup>th</sup> Street from the Grand Canal to Hatcher Road. Cave Creek Road offers an interesting mix of commercial and industrial uses hosting the area's largest grocery store and is main thoroughfare for automobiles presenting a challenging barrier for pedestrians and bicyclists.

MA 12 includes six parks within the study area, with five additional parks located on the outskirts. All six parks within the study area are located north of the Grand Canal which include Herberger Park, 10<sup>th</sup> Street Wash Basin Park, Palma Park, Norton Park, and Sunnyslope Park. Stoney Mountain Park and The Phoenix Mountain Preserve/Park are regional parks located east of MA 12 which attract recreational users from all over the valley. All of the parks within and around MA 12 generate multimodal activity so ensuring safe and convenient access to and from these parks will be essential

### **Assets & Key Destinations**

Assets are the primary destinations and trip generators of the community. These include major employers, schools, historic buildings, community organizations, initiatives, institutions and infrastructure. Asset mapping helps inform the planning process by creating an inventory for preserving, improving or further supporting the areas existing resources, while also identifying where residents and visitors will likely be traveling to and from. The major assets within MA 12 are depicted in **Figure 2** and listed below:

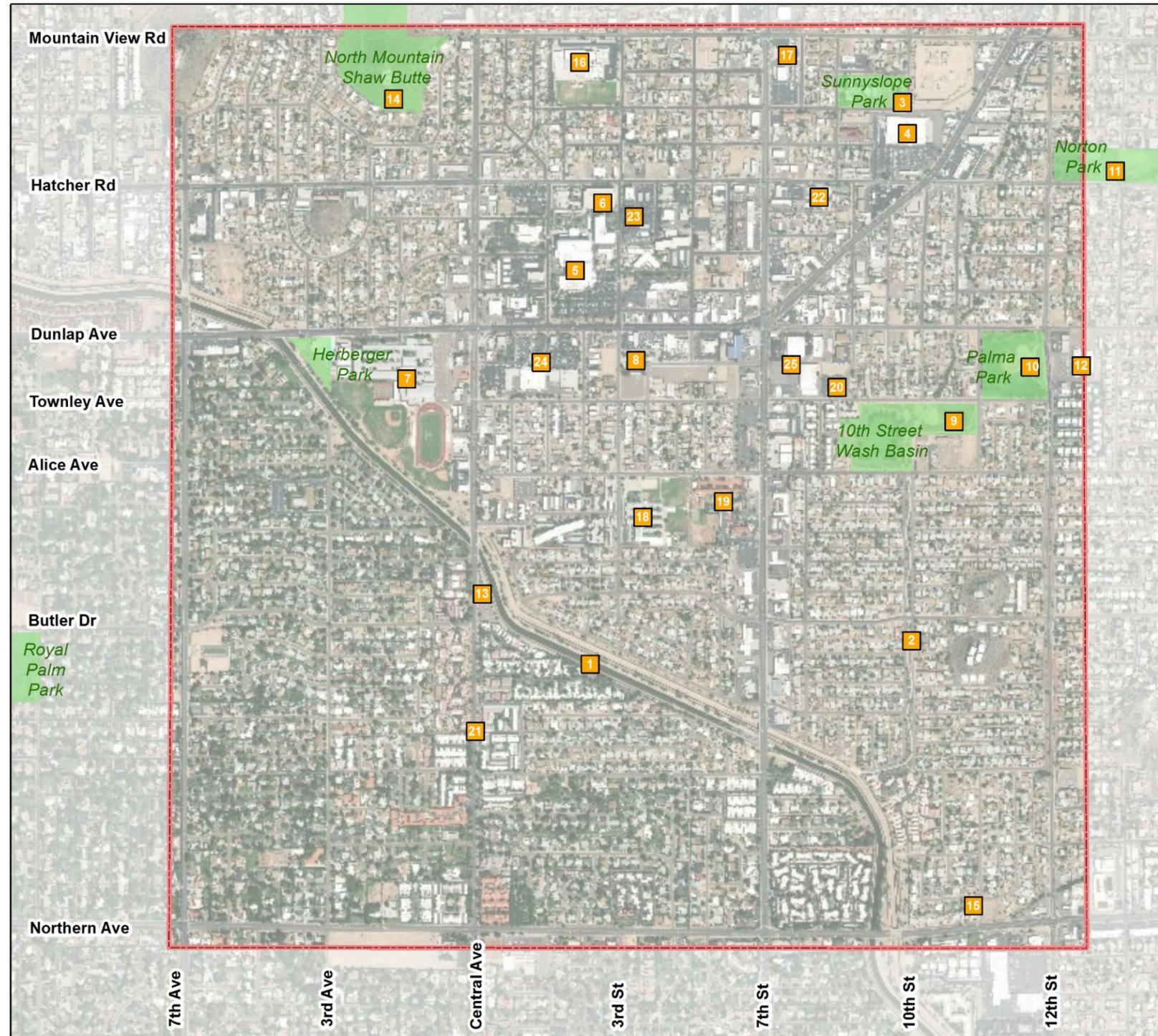
**Figure 1: Sunnyslope Neighborhoods Mobility Area**



Source: City of Phoenix



**Figure 2: Sunnyslope Neighborhoods Mobility Area Assets**



**Legend**

Study Area      Key Destination

**Key Destinations**

- |  |                                   |
|--|-----------------------------------|
| 1. Arizona Canal                       | 14. Shaw Butte Park               |
| 2. 10th Street Multi-Use Path          | 15. Foundation for the Blind      |
| 3. Sunnyslope Community/ Senior Center | 16. Sunnyslope Elementary School  |
| 4. Fry's Grocery Store                 | 17. US Postal Service             |
| 5. John C. Lincoln Health Network      | 18. Desert View School            |
| 6. Wal-Mart                            | 19. Most Holy Trinity School      |
| 7. Sunnyslope High School              | 20. Arcadia Library               |
| 8. Sunnyslope Transit Center           | 21. Central Avenue Multi-Use Path |
| 9. 10th Street Wash Basin Park         | 22. Sunnyslope Historical Society |
| 10. Palma Park                         | 23. Desert Mission Food Bank      |
| 11. Norton Park                        | 24. Sunnyslope Village Center     |
| 12. Let it Bowl                        | 25. Little Miss BBQ               |
| 13. Spoke & Wheel                      |                                   |



## PROPOSED RECOMMENDATIONS

During the first phase of the project, the consultants initially performed necessary fieldwork, data gathering, and a thorough analysis of existing conditions through a mobility improvements walkabout and a pedestrian, bicycle, and transit facility adequacy analysis. Community stakeholders and city staff were also involved to voice their concerns and project objectives to aid in the identification of lacking infrastructure and showcase deficiencies/gaps in the network. Refer to the Current Conditions report (**Appendix A**) for more information's pertaining to the existing conditions of the Mobility Area.

The goal of the second phase of the mobility study is to propose recommendations to facilitate safe, convenient, and enhanced walking, biking, and transit trips from homes to local destinations. **Table 1** shows a list of 23 proposed mobility recommended projects that address the identified needs of the Sunnyslope Neighborhoods Mobility Area. Each project includes a brief description of the project and what improvements will be made. **Figure 3** and **Figure 4** illustrate the location of the proposed mobility recommendations with a corresponding map identification number from **Table 1**. The recommendations are displayed in the following categories:

- Curb ramps;
- Sidewalks;
- Street lighting;
- Trees/shade;
- Traffic calming;
- Bike facilities; and
- Pedestrian crossing.

Traffic calming recommendations are tools used with the goal of reducing vehicle speed and improving the safety of motorists, pedestrians, and bicyclists. Butler Drive, Alice Avenue, and Townley Avenue were identified as roadways experiencing higher vehicle speeds because motorists used them to bypass congestion on arterial roads such as 7<sup>th</sup> Street, Dunlap Avenue, 7<sup>th</sup> Avenue, Northern Avenue, and 12<sup>th</sup> Street. Multiple traffic calming projects were recommended on Butler Drive in response to the significantly higher vehicle speeds than the posted speed limit.

Pedestrian categorized projects include recommended mid-block crossings, newly or freshly striped crosswalks, and sidewalk improvement or construction projects. For example, Project Number 2 – Arizona Canal Enhancements includes two mid-block crossings: a high-intensity activated crosswalk (HAWK) at Northern Avenue, and a rectangular flashing beacon (RFB) at Central Avenue.

Bicycle recommendations are corridor specific projects that either enhance an existing bicycle facility or introduce new bicycle infrastructure. For instance, Project Number 14 – West Butler Drive Bike Facility is a project introduces a new bike facility along Butler

Drive between 23<sup>rd</sup> Avenue and the Arizona Canal. This bike facility changes from an advisory bike lane, to a standard bike lane, and shared-lane markings over the length of the corridor.

American Disability Act (ADA) projects identified herein focus exclusively on identifying existing curb ramps within the MA 12 study area that are non-ADA complaint. A total of 624 ramps were identified as non-ADA complaint. The City has an ongoing initiative for replacing or updating all the non-ADA complaint ramps within city limits. For this study, we identified which non-ADA complaint ramps can be updated with the implementation of another proposed recommendation. A total of 458 ramps can be updated throughout the Sunnyslope study area.

Shade projects are unique in that they are recommendations that include shade in the form of trees and/or shade structures. The City adopted the *Tree and Shade Master Plan* in 2010 and has been making progress to provide added shade to create healthier and more walkable environments. In this study, there are three projects identified that could incorporate shade as an additional project element. For example, Project Number 3 – Arizona Canal Enhancements includes planting trees on both side of the canal from Northern Avenue to 7<sup>th</sup> Avenue. This project will introduce more shade to the canal and the adjacent multi-use paths.

The 23 proposed recommendations vary from corridor improvement projects to spot improvement projects that target different categories of active travel users to create or improve local and regional connections. Connections to parks, schools, healthcare facilities, and public transit were prioritized accordingly. The following pages of this section (pages 16 – 61) include detailed project fact sheets for all of the proposed 23 mobility improvement projects across MA 12. The project fact sheets include the project locations, project goals, project elements project location, and a complete planning-level cost estimate to implement the mobility improvement. There is a total cost estimate provided as well as cost estimates the cost of the project's design, right-of-way, construction and any other cost required to implement the projects. Please refer to **Appendix B** for detailed cost estimates for each of the 23 proposed mobility improvements.

**Table 1: Proposed Mobility Recommendations**

Project ID	Project Name	Route(s)	Project limits	Project Type	Description/Scope
<b>Corridor Recommendations</b>					
1	Dunlap Avenue Pedestrian & Bicycle Infrastructure Improvements	Dunlap Avenue	Dunlap Avenue; 7 <sup>th</sup> Avenue to 12 <sup>th</sup> Street (1.5 miles)	Street lighting Pedestrian crossing Curb ramps Bicycle facility	<ul style="list-style-type: none"> <li>A. Construct pedestrian-scale lighting from 7<sup>th</sup> Avenue to Cave Creek Road/7<sup>th</sup> Street.</li> <li>B. Convert 70 existing curb ramps to be ADA-compliant by installing truncated domes at 18 intersections.</li> <li>C. Add high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of Dunlap Avenue and Central Avenue.</li> <li>D. Add high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of Dunlap Avenue and 3<sup>rd</sup> Street.</li> <li>E. Add high-visibility crosswalks near Palma Park across Dunlap Avenue at the 11<sup>th</sup> Street alignment, and across 11<sup>th</sup> Street at both locations.</li> <li>F. Stripe advisory bike lanes on both sides of the Dunlap Avenue from 7<sup>th</sup> Street to 12<sup>th</sup> Street.</li> </ul>
2	Arizona Canal Enhancements	Arizona Canal	Arizona Canal; Northern Avenue to 7 <sup>th</sup> Avenue (1.6 miles)	Trees/shade Pedestrian crossing	<ul style="list-style-type: none"> <li>A. Plant additional trees and other aesthetic landscaping on both sides of the canal between Northern Avenue and 7<sup>th</sup> Avenue. Consider Arizona Ash or Chinese Elm tree species for their wide and thick canopies. The trees should be planted approximately every 75' to 100' which would require approximately 180 trees.</li> <li>B. Construct a HAWK with high-visibility crosswalks and enhanced lighting at Northern Avenue. Include advanced crossing warning signage and wayfinding as well.</li> <li>C. Add an RFB with a high-visibility crosswalk and enhanced lighting at the south bank of the canal across Central Avenue. Include eastbound and west bound advanced crossing warning signage and wayfinding as well.</li> <li>D. Construct a pedestrian bridge over the canal at the 3<sup>rd</sup> Avenue alignment.</li> </ul>
3	Central Avenue Complete Street Project	Central Avenue	Central Ave; Bethany Home Rd to Mountain View Rd (3 miles)	Street Lighting Trees/shade Curb ramps Bike facility	<ul style="list-style-type: none"> <li>A. Retrofit the existing crosswalks at the four signalized intersections to be high-visibility crosswalks.</li> <li>B. Install three RFBs, high-visibility crosswalks, and pedestrian/ school crossing signage at the intersections of Central Avenue and Rose Lane, Ocotillo Road, and Orangewood Avenue.</li> <li>C. Convert 70 existing curb ramps to be ADA-compliant by installing truncated domes at 19 intersections.</li> <li>D. Reconfigure Central Avenue by removing one travel lane in each direction between Ruth Avenue and Bethany Home Road (2.6 miles) and adding a two-way left turn lane and a buffered bike lane in each direction.</li> </ul>

Project ID	Project Name	Route(s)	Project limits	Project Type	Description/Scope
<b>Corridor Recommendations</b>					
4	Hatcher Road Improvements	Hatcher Road	Hatcher Road; 7 <sup>th</sup> Avenue to 14 <sup>th</sup> Street (2 miles)	Bike facility Pedestrian crossing	<ul style="list-style-type: none"> <li>A. Improve the existing bike lane by ensuring they fully extend to every intersection with green bike lane stamps.</li> <li>B. Convert 65 existing curb ramps to be ADA-compliant by installing truncated domes at 20 intersections.</li> <li>C. Install an RFB, high-visibility crosswalks, and pedestrian/ school crossing signage at the intersection of Hatcher Road and 3<sup>rd</sup> Street.</li> <li>D. Install high-visibility crosswalks and pedestrian/school crossing signage at the intersection of Hatcher Road and 2<sup>nd</sup> Street.</li> <li>E. Stripe advisory bike lanes on both sides of Hatcher Road from Cave Creek Road to 14<sup>th</sup> Street.</li> </ul>
5	2 <sup>nd</sup> Street Mid-Block Crossings	2 <sup>nd</sup> Street	2 <sup>nd</sup> Street; Dunlap Avenue to Hatcher Road (800 feet)	Pedestrian crossing Curb ramps	<ul style="list-style-type: none"> <li>A. Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 2<sup>nd</sup> Street between Sunnyslope Lane and Mission Lane.</li> <li>B. Install an RFB, high-visibility crosswalks, enhanced lighting, pedestrian crossing signage, and wayfinding on 2<sup>nd</sup> Street on the north leg of the intersection with Eva Street.</li> <li>C. Convert 8 existing curb ramps to be ADA-compliant by installing truncated domes at 3 intersections.</li> </ul>
6	3 <sup>rd</sup> Street Mid-Block Crossings	3 <sup>rd</sup> Street	3 <sup>rd</sup> Street; Dunlap Avenue to Hatcher Road (800 feet)	Pedestrian crossing Curb ramps	<ul style="list-style-type: none"> <li>A. Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 3<sup>rd</sup> Street south of Eva Street.</li> <li>B. Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 3<sup>rd</sup> Street north of Eva Street.</li> <li>C. Convert 2 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.</li> </ul>
7	Butler Drive Improvements	Butler Drive	Butler Drive; Arizona Canal to 12 <sup>th</sup> Street (1 mile)	Traffic calming Sidewalks Bike facility Curb ramps	<ul style="list-style-type: none"> <li>A. Convert 6 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.</li> <li>B. Install a traffic circle traffic calming device at the intersection of 8<sup>th</sup> Street and Butler Drive with advanced warning signage.</li> <li>C. Construct a raised intersection at 10<sup>th</sup> Street and Butler Drive. Include high visibility crosswalks at all legs of the intersection. Include advanced warning signage on all four legs of the intersection.</li> <li>D. Stripe an advisory bike lane from Arizona Canal to 12<sup>th</sup> Street.</li> <li>E. Construct 5' sidewalks on both sides of Butler Drive between 7<sup>th</sup> Street and the Arizona Canal.</li> </ul>
8	Alice Avenue Pedestrian & Bicycle Improvements	Alice Avenue	Alice Avenue; Central Avenue to 12 <sup>th</sup> Street (1 mile)	Sidewalks Pedestrian crossing Curb ramps Bicycle facility	<ul style="list-style-type: none"> <li>A. Convert 43 existing curb ramps to be ADA-compliant by installing truncated domes at 13 intersections.</li> <li>B. Install high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting on all four legs of the intersection of 7<sup>th</sup> Street and Alice Avenue.</li> <li>C. Install high-visibility crosswalks and pedestrian/school crossing signage on the south and east legs of the intersection of Alice Avenue and 3<sup>rd</sup> Street.</li> <li>D. Install crosswalks near 10<sup>th</sup> Street Wash Basin Park along Alice Avenue at 10<sup>th</sup> Street.</li> <li>E. Stripe advisory bike lanes on both sides of Alice Avenue from 12<sup>th</sup> Street to Central Avenue.</li> </ul>

Project ID	Project Name	Route(s)	Project limits	Project Type	Description/Scope
<b>Corridor Recommendations</b>					
9	Townley Avenue Traffic Calming & Pedestrian Improvements	Townley Avenue	Townley Avenue; Central Avenue to 12 <sup>th</sup> Street (1 mile)	Sidewalks Pedestrian crossing Curb ramps Traffic calming	<ul style="list-style-type: none"> <li>A. Convert 58 existing curb ramps to be ADA-compliant by installing truncated domes at 14 intersections.</li> <li>B. Add crosswalks near Palma Park along Townley Avenue and 11<sup>th</sup> Street at all legs of the intersection with advanced pedestrian crossing warning signage.</li> <li>C. Add a HAWK, high-visibility crosswalks, enhanced lighting, pedestrian crossing signage, and wayfinding on 7<sup>th</sup> Street at the intersection with Townley Avenue.</li> <li>D. Install Chicane-style traffic calming along Townley Avenue near 10<sup>th</sup> Street Wash Basin Park.</li> </ul>
10	Cave Creek Road Improvements	Cave Creek Road	Cave Creek Road; Dunlap Avenue to Cactus Road (2.7 miles)	Street lighting Pedestrian crossing Pedestrian crossing Bike facility	<ul style="list-style-type: none"> <li>A. Improve the existing bike lane by ensuring they fully extend to every intersection with green bike lane stamps. Add a 2-foot buffer where applicable.</li> <li>B. Convert 30 existing curb ramps to be ADA-compliant by installing truncated domes at 6 intersections.</li> <li>C. Install high-visibility crosswalks and pedestrian crossing signage, and enhanced lighting on all five legs of the intersection at Cave Creek Road and Hatcher Road.</li> <li>D. Install high-visibility crosswalks and pedestrian crossing signage, and enhanced lighting on all six legs of the intersection at Cave Creek Road, Dunlap Avenue, and 7<sup>th</sup> Street.</li> <li>E. Construct a HAWK with high-visibility crosswalks and enhanced lighting at Vogel Avenue across Cave Creek Road. Include advanced crossing warning signage and wayfinding as well.</li> </ul>
11	12 <sup>th</sup> Street Improvements	12 <sup>th</sup> Street	12 <sup>th</sup> Street; Northern Avenue to Dunlap Avenue (1 mile)	Pedestrian crossing Curb ramps Bicycle facility	<ul style="list-style-type: none"> <li>A. Convert 28 existing curb ramps to be ADA-compliant by installing truncated domes at 10 intersections.</li> <li>B. Install high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of 12<sup>th</sup> Street and Northern Avenue.</li> <li>C. Install an RFB, high-visibility crosswalks, pedestrian crossing signage, and wayfinding at the intersection of Alice Avenue and 12<sup>th</sup> Street.</li> <li>D. Install high-visibility crosswalks, pedestrian crossing signage, and wayfinding at the intersection of Townley Avenue and 12<sup>th</sup> Street.</li> <li>E. Upgrade 5 existing bus stops on 12<sup>th</sup> Street to incorporate bike lane bypasses with signage.</li> </ul>
12	7 <sup>th</sup> Street Corridor Improvements	7 <sup>th</sup> Street	7 <sup>th</sup> Street; Northern Avenue to Mountain View Road (1.5 miles)	Street lighting Curb ramps Pedestrian crossing	<ul style="list-style-type: none"> <li>A. Convert 75 existing curb ramps to be ADA-compliant by installing truncated domes at 22 intersections.</li> <li>B. Construct a HAWK with high-visibility crosswalks and enhanced lighting at Orchid Lane. Include advanced crossing warning signage and wayfinding as well.</li> <li>C. Construct pedestrian-scale lighting in accordance with city specifications from Arizona Canal to Hatcher Road.</li> </ul>

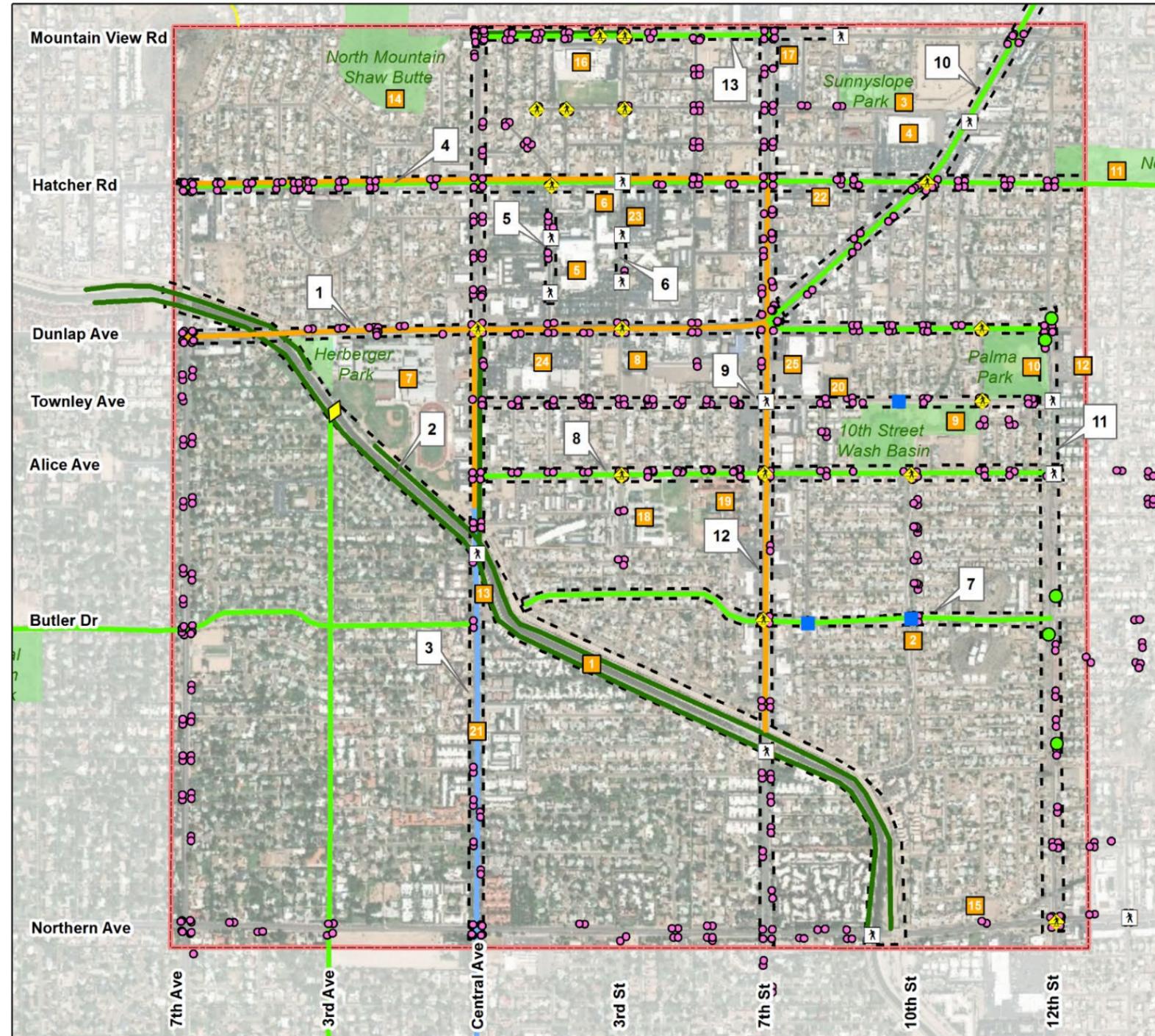
Project ID	Project Name	Route(s)	Project limits	Project Type	Description/Scope
<b>Corridor Recommendations</b>					
13	Mountain View Road Improvements	Mountain View Road	Mountain View Road; Central Avenue to 9 <sup>th</sup> Street (0.75 miles)	Sidewalks Pedestrian crossing Pedestrian crossing Bike facility	<ul style="list-style-type: none"> <li>A. Convert 29 existing curb ramps to be ADA-compliant by installing truncated domes at 7 intersections.</li> <li>B. Convert existing crosswalk to a raised, high-visibility crosswalk and pedestrian/school crossing signage near Sunnyslope Elementary School at 2<sup>nd</sup> Way.</li> <li>C. Convert existing crosswalks at 3<sup>rd</sup> Street and Mountain View Road to high-visibility crosswalks (adjacent to Sunnyslope Elementary School).</li> <li>D. Install an RFB and high-visibility crosswalks and pedestrian crossing signage at the intersection of Mountain View Road and 8<sup>th</sup> Street.</li> <li>E. Plant approximately 21 trees adjacent to the sidewalk on the north side of Mountain View Road near Sunnyslope Elementary School between Central Avenue and 3<sup>rd</sup> Street.</li> <li>F. Stripe 5' bike lanes from Cave Creek Road to Central Avenue.</li> </ul>
14	West Butler Avenue Bike Facility	Butler Avenue	Butler Drive; Central Avenue to 23 <sup>rd</sup> Avenue (2 miles)	Bike facility Curb ramps	<ul style="list-style-type: none"> <li>A. Stripe 6-foot advisory bike lanes with 7-foot on-street parking from Central Avenue to 7<sup>th</sup> Avenue. Shared-lane markings require approaching 7<sup>th</sup> Avenue.</li> <li>B. Stripe 6-foot bike lanes with 7-foot on-street parking from 7<sup>th</sup> Avenue to 11<sup>th</sup> Avenue. Shared-lane markings require approaching 7<sup>th</sup> Avenue.</li> <li>C. Stripe 6-foot bike lanes from 11<sup>th</sup> Avenue to 15<sup>th</sup> Avenue.</li> <li>D. Stripe shared-lane markings from 15<sup>th</sup> Avenue to 15<sup>th</sup> Drive.</li> <li>E. Stripe 6-foot bike lanes with 7-foot on-street parking from 15<sup>th</sup> Drive to 23<sup>rd</sup> Avenue.</li> <li>F. Convert 7 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.</li> </ul>
15	Mountain View Park Multi-Use Path	7 <sup>th</sup> Avenue	Mountain View Road to Cheryl Drive (1/4 mile)	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 10-foot multi-use path on the east side of 7<sup>th</sup> Avenue from Mountain View Road to Cheryl Drive.</li> </ul>

Project ID	Project Name	Route(s)	Project limits	Project Type	Description/Scope
<b>Neighborhood Recommendations</b>					
16	Sunland Heights Neighborhood Sidewalks	Central Avenue 1 <sup>st</sup> Street 2 <sup>nd</sup> Street 2 <sup>nd</sup> Place 2 <sup>nd</sup> Way 3 <sup>rd</sup> Street	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on the east side of Central Avenue from Mountain View Road to Foothill Drive.</li> <li>B. Construct 5-foot sidewalks on both sides of 1<sup>st</sup> Street from Mountain View Road to Foothill Drive.</li> <li>C. Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Street from Mountain View Road to Foothill Drive.</li> <li>D. Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Place from Mountain View Road to Foothill Drive.</li> <li>E. Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Way from Mountain View Road to Foothill Drive.</li> <li>F. Construct 5-foot sidewalks on the west side of 3<sup>rd</sup> Street from Mountain View Road to Foothill Drive.</li> </ul>
17	North Central Heights Neighborhood Sidewalks	Camino Vista Mountain View Road Vogel Avenue 1 <sup>st</sup> Ave 2 <sup>nd</sup> Drive 7 <sup>th</sup> Avenue	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on both sides of Camino Vista from Vogel Avenue to 3<sup>rd</sup> Drive.</li> <li>B. Construct 5-foot sidewalks on both sides of Mountain View Road from 3<sup>rd</sup> Drive to 7<sup>th</sup> Avenue.</li> <li>C. Construct a 5-foot sidewalk on the west side of 7<sup>th</sup> Avenue from Vogel Avenue to Mountain View Road.</li> <li>D. Construct 5-foot sidewalks on both sides of Vogel Avenue from 3<sup>rd</sup> Avenue to 6<sup>th</sup> Avenue</li> <li>E. Construct a 5-foot sidewalk on 1st Avenue from Hatcher Road to Vogel Avenue.</li> <li>F. Construct a 5-foot sidewalk on 2<sup>nd</sup> Drive from Hatcher Road to Vogel Avenue.</li> </ul>
18	Piedmont Neighborhood Sidewalks	Central Avenue 2 <sup>nd</sup> Place Carol Avenue 3 <sup>rd</sup> Street Purdue Avenue Vogel Avenue 7 <sup>th</sup> Place 8 <sup>th</sup> Street 9 <sup>th</sup> Street	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on 8<sup>th</sup> Street from Hatcher Road to Mountain View Road.</li> <li>B. Construct 5-foot sidewalks on 9<sup>th</sup> Street south of Mountain View Road.</li> <li>C. Construct 5-foot sidewalks on 11<sup>th</sup> Street south of Carol Avenue.</li> <li>D. Construct 5-foot sidewalks on 12<sup>th</sup> Place north of Purdue Avenue.</li> <li>E. Construct 5-foot sidewalks on Eva Street from Cave Creek to 5<sup>th</sup> Street.</li> <li>F. Construct 5-foot sidewalks on Mission Lane from Cave Creek to 5<sup>th</sup> Street.</li> <li>G. Construct 5-foot sidewalks on Caron Street from 5<sup>th</sup> Street to 3<sup>rd</sup> Street</li> <li>H. Construct 5-foot sidewalks on Carol Avenue Fry's Grocery Store to 2<sup>nd</sup> Place.</li> <li>I. Construct 5-foot sidewalks on Vogel Avenue from 13<sup>th</sup> Street to 8<sup>th</sup> Street.</li> <li>J. Construct 5-foot sidewalks on Purdue Avenue from 13<sup>th</sup> Street to 8<sup>th</sup> Street.</li> <li>K. Construct 5-foot sidewalks on Mountain View Road from 13<sup>th</sup> Street to 12<sup>th</sup> Place.</li> </ul>

Project ID	Project Name	Route(s)	Project limits	Project Type	Description/Scope
<b>Neighborhood Recommendations</b>					
19	Waltmore Neighborhood Sidewalks	8 <sup>th</sup> Street 9 <sup>th</sup> Street 11 <sup>th</sup> Street 12 <sup>th</sup> Place Eva Street Mission Lane Sunnyslope Lane Carol Avenue Vogel Avenue Purdue Avenue Mountain View Road	-	Sidewalks	A. Construct 5-foot sidewalks on 8 <sup>th</sup> Street from Dunlap Avenue to Cave Creek Road. B. Construct 5-foot sidewalks on 9 <sup>th</sup> Street from Dunlap Avenue to Cave Creek Road. C. Construct 5-foot sidewalks on 11 <sup>th</sup> Street from Dunlap Avenue to Cave Creek Road. D. Construct 5-foot sidewalks on 12 <sup>th</sup> Place from Mission Lane to Hatcher Road. E. Construct 5-foot sidewalks on Eva Street from 11 <sup>th</sup> Street to 13 <sup>th</sup> Street. F. Construct 5-foot sidewalks on Mission Lane from 11 <sup>th</sup> Street to 13 <sup>th</sup> Street. G. Construct 5-foot sidewalks on Sunnyslope Lane from 11 <sup>th</sup> Street to 13 <sup>th</sup> Street. H. Construct 5-foot sidewalks on Carol Avenue from 11 <sup>th</sup> Street to 13 <sup>th</sup> Street. I. Construct 5-foot sidewalks on Vogel Avenue from 11 <sup>th</sup> Street to 13 <sup>th</sup> Street. J. Construct 5-foot sidewalks on Purdue Avenue from 11 <sup>th</sup> Street to 13 <sup>th</sup> Street. K. Construct 5-foot sidewalks on Mountain View Road from 11 <sup>th</sup> Street to 13 <sup>th</sup> Street.
20	Townley Square Neighborhood Sidewalks	4 <sup>th</sup> Street 5 <sup>th</sup> Street 6 <sup>th</sup> Street 6 <sup>th</sup> Place	-	Sidewalks	A. Construct 5-foot sidewalks on 4 <sup>th</sup> Street from Alive Avenue to Townley Avenue. B. Construct 5-foot sidewalks on 5 <sup>th</sup> Street from Alive Avenue to Townley Avenue. C. Construct 5-foot sidewalks on 6 <sup>th</sup> Street from Alive Avenue to Townley Avenue. D. Construct 5-foot sidewalks on 6 <sup>th</sup> Place from Alive Avenue to Townley Avenue.
21	North Town Neighborhood Sidewalks	3 <sup>rd</sup> Street 5 <sup>th</sup> Street 6 <sup>th</sup> Street 1 <sup>st</sup> Street Orchid Lane Las Palmaritas Drive	-	Sidewalks	A. Construct 5-foot sidewalks on 3 <sup>rd</sup> Street from 5 <sup>th</sup> Street to Orchid Lane. B. Construct 5-foot sidewalks on 5 <sup>th</sup> Street north of Las Palmaritas Drive. C. Construct 5-foot sidewalks on 6 <sup>th</sup> Street from Las Palmaritas Drive to Orchid Lane. D. Construct 5-foot sidewalks on 1 <sup>st</sup> Street from Las Palmaritas Drive to Orchid Lane. E. Construct 5-foot sidewalks on Orchid Lane from 1 <sup>st</sup> Street to 6 <sup>th</sup> Street. F. Construct 5-foot sidewalks on Las Palmaritas Drive from Butler Drive to 6 <sup>th</sup> Street.
22	Skyline Vista Neighborhood Sidewalks	8 <sup>th</sup> Street 8 <sup>th</sup> Place 9 <sup>th</sup> Street 10 <sup>th</sup> Street Las Palmaritas Drive El Caminito Drive Echo Lane Seldon Lane Orchid Lane Diana Avenue Ruth Avenue	-	Sidewalks	A. Construct 5-foot sidewalks on 8 <sup>th</sup> Street south of Las Palmaritas Drive. B. Construct 5-foot sidewalks on 8 <sup>th</sup> Place south of Las Palmaritas Drive. C. Construct 5-foot sidewalks on 9 <sup>th</sup> Street south of Las Palmaritas Drive. D. Construct 5-foot sidewalks on 10 <sup>th</sup> Street south of Las Palmaritas Drive. E. Construct 5-foot sidewalks on Las Palmaritas Drive from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. F. Construct 5-foot sidewalks on El Caminito Drive from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. G. Construct 5-foot sidewalks on Echo Lane from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. H. Construct 5-foot sidewalks on Seldon Lane from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. I. Construct 5-foot sidewalks on Orchid Lane from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. J. Construct 5-foot sidewalks on Diana Avenue from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. K. Construct 5-foot sidewalks on Ruth Avenue from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street.

Project ID	Project Name	Route(s)	Project limits	Project Type	Description/Scope
<b>Neighborhood Recommendations</b>					
23	New North Town Neighborhood Sidewalks	10 <sup>th</sup> Place 11 <sup>th</sup> Street 11 <sup>th</sup> Place Harmont Drive	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on 10<sup>th</sup> Place south of Griswold Road.</li> <li>B. Construct 5-foot sidewalks on 11<sup>th</sup> Street south of Griswold Road.</li> <li>C. Construct 5-foot sidewalks on 11<sup>th</sup> Place south of Griswold Road.</li> <li>D. Construct 5-foot sidewalks on Harmont Drive from 11<sup>th</sup> Street t 12<sup>th</sup> Place.</li> <li>E. Construct 5-foot sidewalks on Royal Palms Road east of 12<sup>th</sup> Street.</li> <li>F. Construct 5-foot sidewalks on Griswold Road east of 12<sup>th</sup> Street.</li> <li>G. Construct 5-foot sidewalks on El Camino Drive east of 12<sup>th</sup> Street.</li> <li>H. Construct 5-foot sidewalks on Las Palmaritas Drive east of 12<sup>th</sup> Street.</li> <li>I. Construct 5-foot sidewalks on Echo Lane east of 12<sup>th</sup> Street.</li> <li>J. Construct 5-foot sidewalks on Butler Drive east of 12<sup>th</sup> Street.</li> </ul>

**Figure 3: Proposed Corridor Mobility Recommendations**



**Legend**

- Study Area
- Corridor Recommendations
- Key Destination
- Project ID

**Project Category**

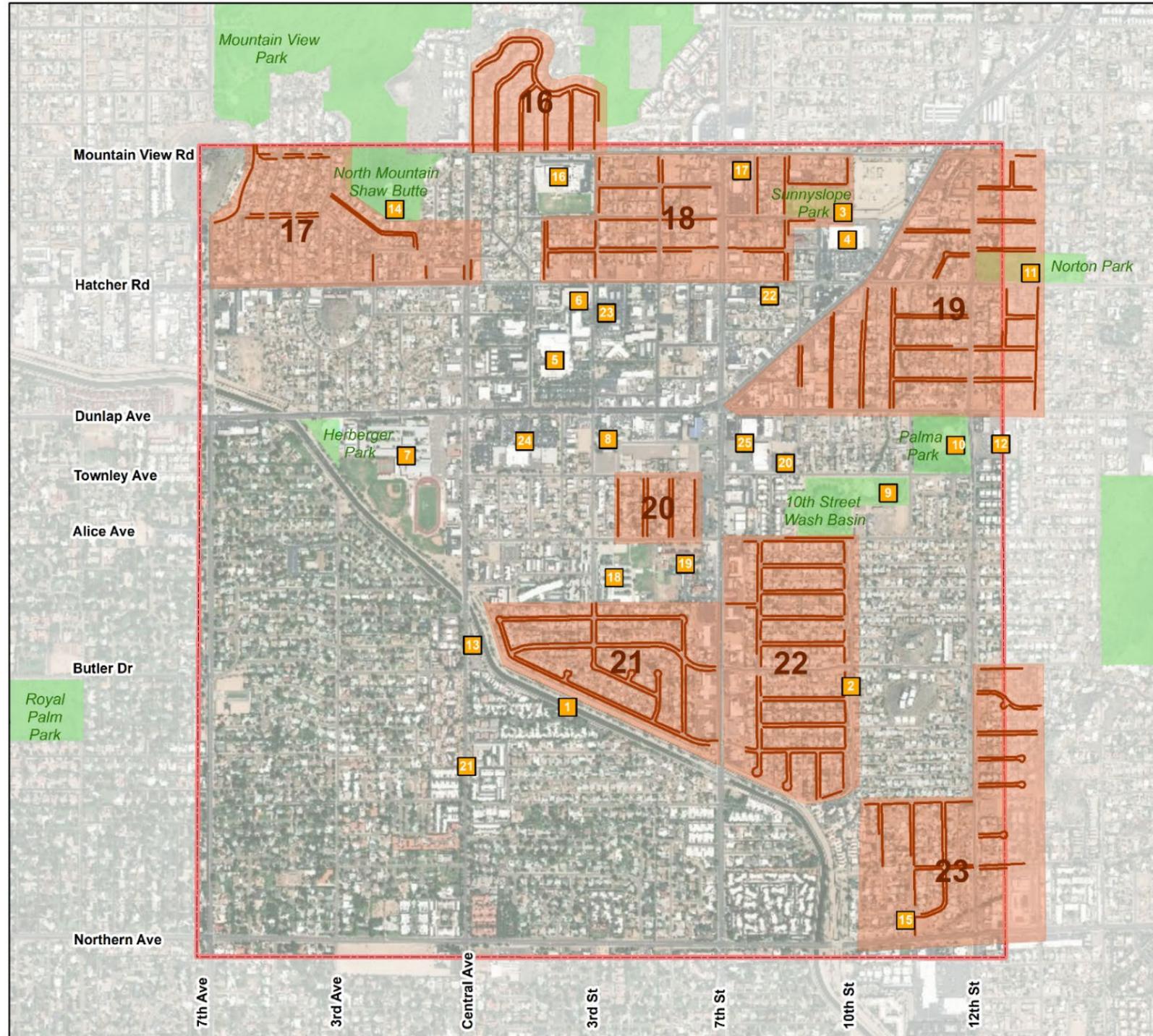
- Bike Facility
- Bike Facility
- ▲ Pedestrian Crosswalk
- ▾ Pedestrian Bridge
- X Pedestrian Mid-Block Crossing
- Traffic Calming
- ADA Curb Ramp
- Lighting
- Sidewalk or Multi-use Path
- Road Diet
- Shade

**Key Destinations**

- |                                       |                                   |
|---------------------------------------|-----------------------------------|
| 1. Arizona Canal                      | 14. Shaw Butte Park               |
| 2. 10th Street Multi-Use Path         | 15. Foundation for the Blind      |
| 3. Sunnyslope Community/Senior Center | 16. Sunnyslope Elementary School  |
| 4. Fry's Grocery Store                | 17. US Postal Service             |
| 5. John C. Lincoln Health Network     | 18. Desert View School            |
| 6. Wal-Mart                           | 19. Most Holy Trinity School      |
| 7. Sunnyslope High School             | 20. Arcadia Library               |
| 8. Sunnyslope Transit Center          | 21. Central Avenue Multi-Use Path |
| 9. 10th Street Wash Basin Park        | 22. Sunnyslope Historical Society |
| 10. Palma Park                        | 23. Desert Mission Food Bank      |
| 11. Norton Park                       | 24. Sunnyslope Village Center     |
| 12. Let it Bowl                       | 25. Little Miss BBQ               |
| 13. Spoke & Wheel                     |                                   |



**Figure 4: Proposed Neighborhood Mobility Recommendations**



**Legend**

- Study Area
- Neighborhood Recommendations
- Neighborhood Sidewalk Projects
- # Key Destination

**Key Destinations**

- |  |                                   |
|--|-----------------------------------|
| 1. Arizona Canal                       | 14. Shaw Butte Park               |
| 2. 10th Street Multi-Use Path          | 15. Foundation for the Blind      |
| 3. Sunnyslope Community/ Senior Center | 16. Sunnyslope Elementary School  |
| 4. Fry's Grocery Store                 | 17. US Postal Service             |
| 5. John C. Lincoln Health Network      | 18. Desert View School            |
| 6. Wal-Mart                            | 19. Most Holy Trinity School      |
| 7. Sunnyslope High School              | 20. Arcadia Library               |
| 8. Sunnyslope Transit Center           | 21. Central Avenue Multi-Use Path |
| 9. 10th Street Wash Basin Park         | 22. Sunnyslope Historical Society |
| 10. Palma Park                         | 23. Desert Mission Food Bank      |
| 11. Norton Park                        | 24. Sunnyslope Village Center     |
| 12. Let it Bowl                        | 25. Little Miss BBQ               |
| 13. Spoke & Wheel                      |                                   |





Project Name	Project ID
Dunlap Avenue Pedestrian & Bicycle Infrastructure Improvements	1

Project Limits	Prioritization Score
Dunlap Avenue; 7 <sup>th</sup> Avenue to 12 <sup>th</sup> Street (1.5 miles)	81

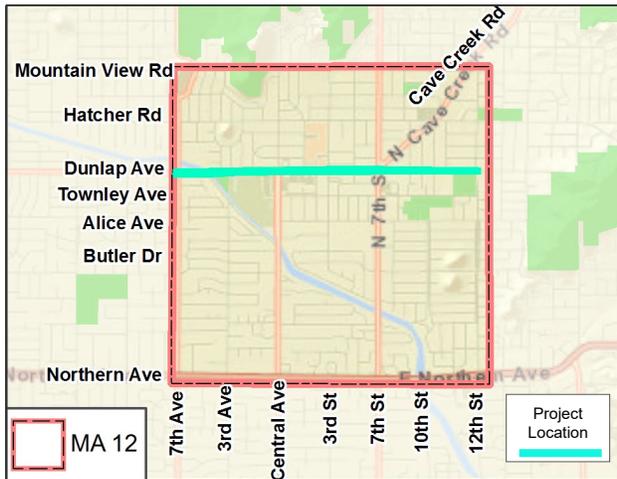
Current Conditions	Destinations
<ul style="list-style-type: none"> <li>• High traffic volumes</li> <li>• Vehicular speeding concern</li> <li>• Poor lighting conditions</li> <li>• Low pedestrian visibility</li> <li>• Lacking ADA-compliant curb ramps</li> </ul>	<ul style="list-style-type: none"> <li>• Sunnyslope High School</li> <li>• Sunnyslope Transit Center</li> <li>• Palma Park</li> <li>• Arizona Canal</li> <li>• Sunnyslope Village Center</li> <li>• John C. Lincoln Health Center</li> </ul>

Project Elements	Project Type	Benefits
Pedestrian-scale lighting	Street lighting	Enhanced safety and visibility
High-visibility crosswalks	Pedestrian crossing	Enhanced safety and visibility
ADA-compliant curb ramps	Curb ramps	Improved accessibility
Advisory bike Lane	Bicycle facility	Expanded mode choices

### Detailed Project Elements

- Construct pedestrian-scale lighting from 7<sup>th</sup> Avenue to Cave Creek Road/7<sup>th</sup> Street.
- Convert 70 existing curb ramps to be ADA-compliant by installing truncated domes at 18 intersections.
- Add high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of Dunlap Avenue and Central Avenue.
- Add high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of Dunlap Avenue and 3<sup>rd</sup> Street.
- Add high-visibility crosswalks near Palma Park across Dunlap Avenue at the 11<sup>th</sup> Street alignment, and across 11<sup>th</sup> Street at both locations.
- Stripe advisory bike lanes on both sides of the Dunlap Avenue from 7<sup>th</sup> Street to 12<sup>th</sup> Street.

Project Location	Project Cost Estimates
------------------	------------------------



Design	\$304,536.93
ROW	-
Construction	\$1,023,605.13
Other	\$494,519.32
<b>TOTAL</b>	<b>\$1,822,661.38</b>

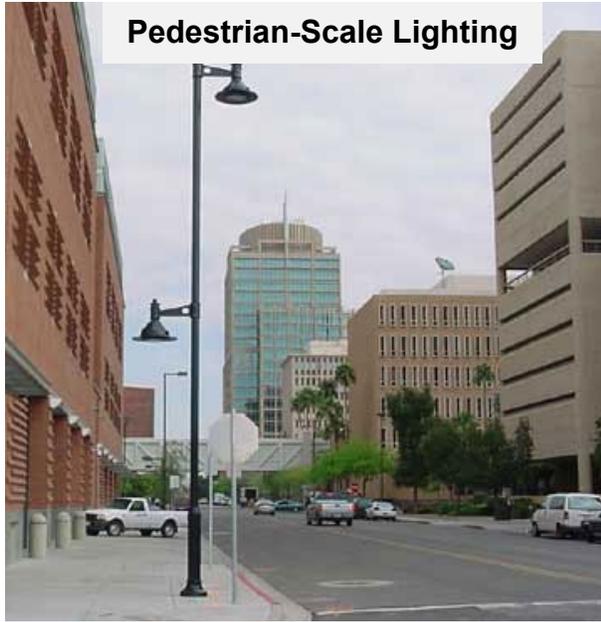
### Delivery Considerations

- Estimated with a projected implementation in Fiscal Year 2024/2025.
- Pedestrian-scale lighting is constructed on existing street lighting only.



<b>Project Name</b>	<b>Project ID</b>
Dunlap Avenue Pedestrian & Bicycle Infrastructure Improvements	1
<b>Project Limits</b>	<b>Prioritization Score</b>
Dunlap Avenue; 7 <sup>th</sup> Avenue to 12 <sup>th</sup> Street (1.5 miles)	81

**Project Example Photos**



**Pedestrian-Scale Lighting**



**Advisory Bike Lane**



**High-Visibility Crosswalk**



**ADA-Compliant Curb Ramp**



Project Name		Project ID
Arizona Canal Enhancements		2
Project Limits		Prioritization Score
Arizona Canal; Northern Avenue to 7 <sup>th</sup> Avenue (1.6 miles)		69
Current Conditions		Destinations
<ul style="list-style-type: none"> <li>Highly exposed facility with limited shading</li> <li>Unsafe crossing at arterial roads such as Central Avenue, Northern Avenue, and 7<sup>th</sup> Street</li> <li>Mobility barrier separating the study area</li> </ul>		<ul style="list-style-type: none"> <li>Sunnyslope High School</li> <li>Spoke &amp; Wheel Restaurant</li> <li>Herberger Park</li> <li>Arizona Canal</li> <li>Foundation for the Blind</li> </ul>
Project Elements	Project Type	Benefits
Landscaping	Trees/shade	Decreases sun exposure
Mid-block crossings	Pedestrian crossing	Increases safety
Pedestrian bridge	Pedestrian crossing	Enhances connectivity

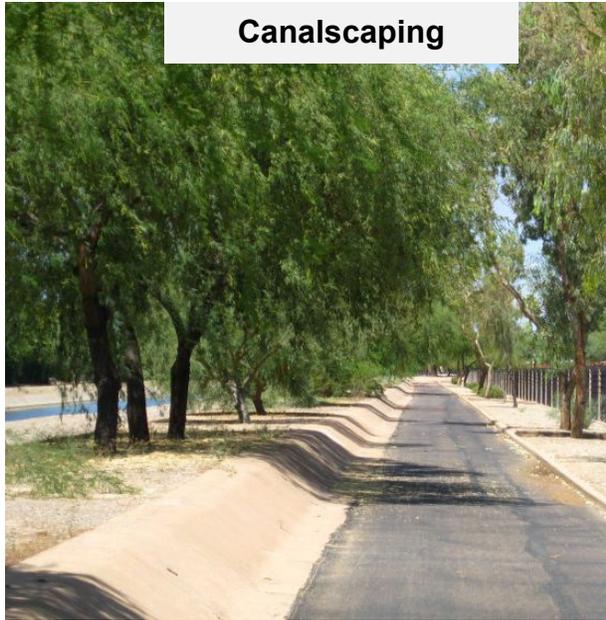
Detailed Project Elements
A. Plant additional trees and other aesthetic landscaping on both sides of the canal between Northern Avenue and 7th Avenue. Consider Arizona Ash or Chinese Elm tree species for their wide and thick canopies. The trees should be planted approximately every 75' to 100' which would require approximately 180 trees.
B. Construct a HAWK with high-visibility crosswalks and enhanced lighting at Northern Avenue. Include advanced crossing warning signage and wayfinding as well.
C. Add an RFB with a high-visibility crosswalk and enhanced lighting at the south bank of the canal across Central Avenue. Include eastbound and west bound advanced crossing warning signage and wayfinding as well.
D. Construct a pedestrian bridge over the canal at the 3rd Avenue alignment.

Project Location	Project Cost Estimates	
	Design	\$299,373.25
	ROW	-
	Construction	\$1,105,551.69
	Other	\$377,971.83
	<b>TOTAL</b>	<b>\$1,782,896.78</b>
	Delivery Considerations	<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Signal warrant analysis is required prior to the implementation of HAWK signals.</li> <li>Trees require annual maintenance which costs \$65.00 for a young tree and \$300 for a mature tree annually.</li> </ul>



<b>Project Name</b>	<b>Project ID</b>
Arizona Canal Enhancements	2
<b>Project Limits</b>	<b>Prioritization Score</b>
Arizona Canal; Northern Avenue to 7 <sup>th</sup> Avenue (1.6 miles)	69

**Project Example Photos**



**Canalscaping**



**HAWK Mid-block Crossing**



**Pedestrian Bridge**



Project Name	Project ID
Central Avenue Complete Street Project	3

Project Limits	Prioritization Score
Central Ave; Bethany Home Rd to Mountain View Rd (3 miles)	72

Current Conditions	Destinations
<ul style="list-style-type: none"> <li>• Vehicular speeding concern</li> <li>• Poor Lighting Conditions</li> <li>• Low pedestrian visibility</li> <li>• Lacking ADA-compliant curb ramps</li> <li>• Limited pedestrian/bicycle infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>• Sunnyslope High School</li> <li>• Spoke &amp; Wheel Restaurant</li> <li>• Herberger Park</li> <li>• Arizona Canal</li> </ul>

Project Elements	Project Type	Benefits
Mid-Block Crossing	Pedestrian Crossing	Increases visibility and safety
High-Visibility Crosswalks	Pedestrian Crossing	Increases visibility and safety
ADA-compliant curb ramps	Curb ramps	Enhances accessibility
Buffered bike lane	Bike facility	Expanded mode choices

- Detailed Project Elements**
- Retrofit the existing crosswalks at the four signalized intersections to be high-visibility crosswalks.
  - Install three RFBs, high-visibility crosswalks, and pedestrian/ school crossing signage at the intersections of Central Avenue and Rose Lane, Ocotillo Road, and Orangewood Avenue.
  - Convert 70 existing curb ramps to be ADA-compliant by installing truncated domes at 19 intersections.
  - Reconfigure Central Avenue by removing one travel lane in each direction between Ruth Avenue and Bethany Home Road (2.6 miles) and adding a two-way left turn lane and a buffered bike lane in each direction.

Project Location	Project Cost Estimates	
	Design	\$299,373.25
	ROW	-
	Construction	\$1,105,551.69
	Other	\$377,971.83
	<b>TOTAL</b>	<b>\$1,782,896.78</b>

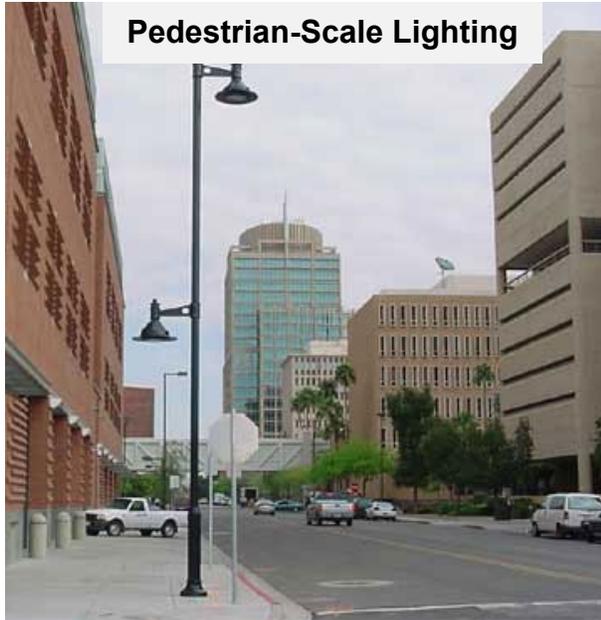
**Delivery Considerations**

- Estimated with a projected implementation in Fiscal Year 2024/2025.
- This description and elements described herein is just one of multiple possible alternatives that could be implemented. A future study will evaluate and determine a preferred alternative.



<b>Project Name</b>	<b>Project ID</b>
Central Avenue Complete Street Project	3
<b>Project Limits</b>	<b>Prioritization Score</b>
Central Ave; Bethany Home Rd to Mountain View Rd (3 miles)	72

### Project Example Photos





Project Name	Project ID
Hatcher Road Improvements	4

Project Limits	Prioritization Score
Hatcher Road; 7 <sup>th</sup> Avenue to 14 <sup>th</sup> Street (2 miles)	93

Current Conditions	Destinations
<ul style="list-style-type: none"> <li>• High traffic volumes</li> <li>• Vehicular speeding concern</li> <li>• Poor Lighting Conditions</li> <li>• Lacking ADA-compliant curb ramps</li> <li>• Unsafe pedestrian crossing conditions</li> </ul>	<ul style="list-style-type: none"> <li>• Sunnyslope High School</li> <li>• Sunnyslope Historical Society</li> <li>• Sunnyslope Elementary School</li> <li>• John C. Lincoln Health Center</li> <li>• Norton Park</li> <li>• Wal-Mart</li> </ul>

Project Elements	Project Type	Benefits
Bike lane improvement	Bike facility	Expanded mode choices
Mid-block crossing	Pedestrian crossing	Increases visibility and safety
Crosswalks	Pedestrian crossing	Increases visibility and safety
ADA-compliant curb ramps	Pedestrian crossing	Enhanced accessibility

- Detailed Project Elements**
- Improve the existing bike lane by ensuring they fully extend to every intersection with green bike lane stamps.
  - Convert 65 existing curb ramps to be ADA-compliant by installing truncated domes at 20 intersections.
  - Install an RFB, high-visibility crosswalks, and pedestrian/ school crossing signage at the intersection of Hatcher Road and 3<sup>rd</sup> Street.
  - Install high-visibility crosswalks and pedestrian/school crossing signage at the intersection of Hatcher Road and 2<sup>nd</sup> Street.
  - Stripe advisory bike lanes on both sides of Hatcher Road from Cave Creek Road to 14<sup>th</sup> Street.

Project Location	Project Cost Estimates	
	Design	\$95,750.12
	ROW	-
	Construction	\$330,602.43
	Other	\$119,722.25
	<b>TOTAL</b>	<b>\$546,074.79</b>

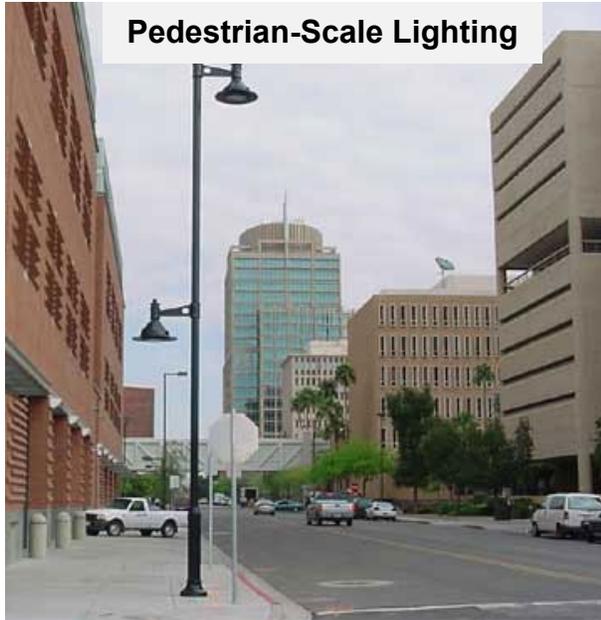
**Delivery Considerations**

- Estimated with a projected implementation in Fiscal Year 2024/2025.



<b>Project Name</b>	<b>Project ID</b>
Hatcher Road Improvements	4
<b>Project Limits</b>	<b>Prioritization Score</b>
Hatcher Road; 7 <sup>th</sup> Avenue to 14 <sup>th</sup> Street (2 miles)	93

### Project Example Photos





Project Name		Project ID
2 <sup>nd</sup> Street Mid-Block Crossings		5
Project Limits		Prioritization Score
2 <sup>nd</sup> Street; Dunlap Avenue to Hatcher Road (800 feet)		67
Current Conditions		Destinations
<ul style="list-style-type: none"> <li>• High pedestrian activity</li> <li>• Lacking ADA-compliant curb ramps</li> </ul>		<ul style="list-style-type: none"> <li>• Sunnyslope Historical Society</li> <li>• Sunnyslope Elementary School</li> <li>• John C. Lincoln Health Center</li> <li>• Sunnyslope Village Center</li> <li>• Sunnyslope Transit Center</li> </ul>
Project Elements	Project Type	Benefits
RFB Mid-block crossing	Pedestrian crossing	Increases safety and visibility
RFB Mid-block crossing	Pedestrian crossing	Increases safety and visibility
ADA-compliant curb ramps	Curb ramps	Enhances accessibility

### Detailed Project Description

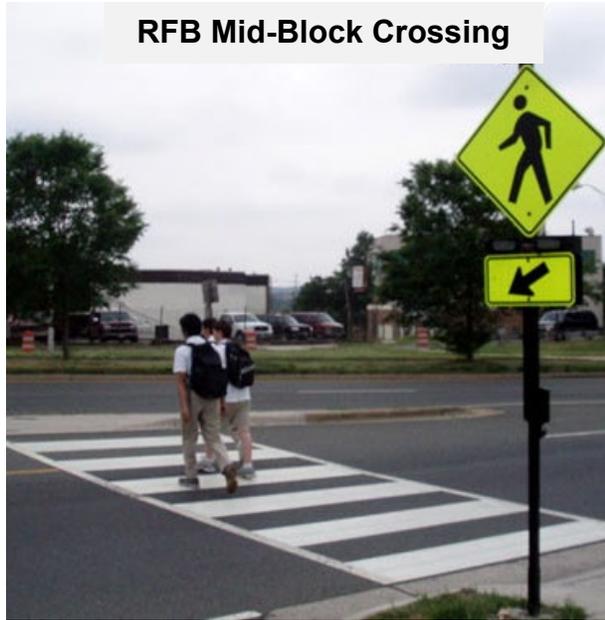
- Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 2<sup>nd</sup> Street between Sunnyslope Lane and Mission Lane.
- Install an RFB, high-visibility crosswalks, enhanced lighting, pedestrian crossing signage, and wayfinding on 2<sup>nd</sup> Street on the north leg of the intersection with Eva Street.
- Convert 8 existing curb ramps to be ADA-compliant by installing truncated domes at 3 intersections.

Project Location	Project Cost Estimates	
	Design	\$114,675.72
	ROW	-
	Construction	\$280,426.62
	Other	\$266,767.94
	<b>TOTAL</b>	<b>\$661,870.27</b>
	Delivery Considerations	<ul style="list-style-type: none"> <li>• Estimated with a projected implementation in Fiscal Year 2024/2025.</li> </ul>



<b>Project Name</b>	<b>Project ID</b>
2 <sup>nd</sup> Street Mid-Block Crossings	5
<b>Project Limits</b>	<b>Prioritization Score</b>
2 <sup>nd</sup> Street; Dunlap Avenue to Hatcher Road (800 feet)	67

### Project Example Photos





Project Name		Project ID
3 <sup>rd</sup> Street Mid-Block Crossings		6
Project Limits		Prioritization Score
3 <sup>rd</sup> Street; Dunlap Avenue to Hatcher Road (800 feet)		67
Current Conditions		Destinations
<ul style="list-style-type: none"> <li>• High pedestrian activity</li> <li>• Lacking ADA-compliant curb ramps</li> </ul>		<ul style="list-style-type: none"> <li>• Sunnyslope Historical Society</li> <li>• Sunnyslope Elementary School</li> <li>• John C. Lincoln Health Center</li> <li>• Sunnyslope Village Center</li> <li>• Sunnyslope Transit Center</li> </ul>
Project Elements	Project Type	Benefits
RRFB Mid-block crossing	Pedestrian crossing	Increases safety and visibility
RRFB Mid-block crossing	Pedestrian crossing	Increases safety and visibility
ADA-compliant curb ramps	Curb ramps	Enhances accessibility

**Detailed Project Description**

- Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 3<sup>rd</sup> Street south of Eva Street.
- Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 3<sup>rd</sup> Street north of Eva Street.
- Convert 2 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.

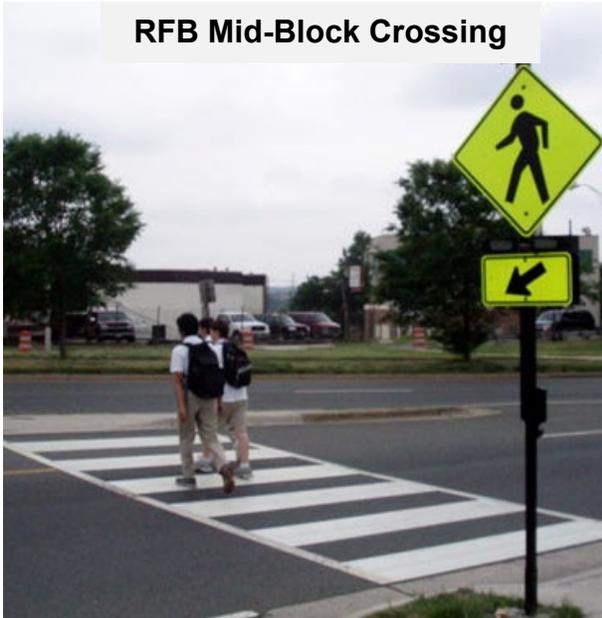
Project Location	Project Cost Estimates	
<p>MA 12</p>	Design	\$116,304.16
	ROW	-
	Construction	\$288,327.58
	Other	\$267,129.81
	<b>TOTAL</b>	<b>\$671,761.55</b>
	Delivery Considerations	<ul style="list-style-type: none"> <li>• Estimated with a projected implementation in Fiscal Year 2024/2025.</li> </ul>



<b>Project Name</b>	<b>Project ID</b>
3 <sup>rd</sup> Street Mid-Block Crossings	6
<b>Project Limits</b>	<b>Prioritization Score</b>
Dunlap Avenue to Hatcher Road	67

### Project Example Photos

**RFB Mid-Block Crossing**



**Wayfinding Signage**





Project Name	Project ID
Butler Drive Improvements	7

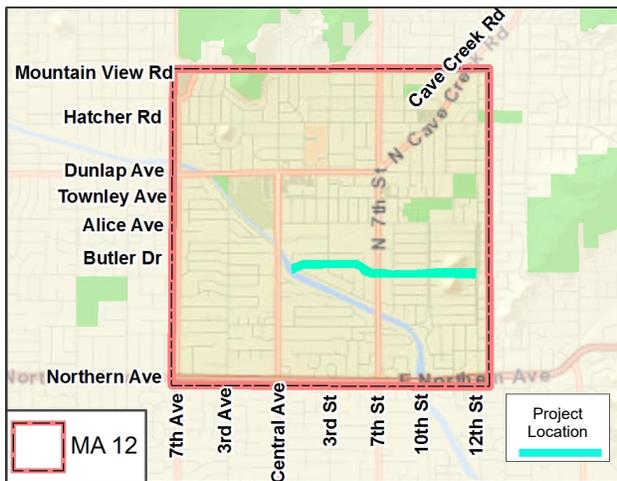
Project Limits	Prioritization Score
Butler Drive; Arizona Canal to 12 <sup>th</sup> Street (1 mile)	69

Current Conditions	Destinations
<ul style="list-style-type: none"> <li>• Vehicular speeding concern</li> <li>• Low pedestrian visibility</li> <li>• Lacking pedestrian and bicycle facilities</li> <li>• Lacking sidewalks and ADA-complaint curb ramps</li> </ul>	<ul style="list-style-type: none"> <li>• 10<sup>th</sup> Street Wash Basin Park</li> <li>• 10<sup>th</sup> Street multi-use path</li> <li>• Most Holy Trinity Schools</li> <li>• Arizona Canal</li> <li>• Spoke &amp; Wheel Restaurant</li> </ul>

Project Elements	Project Type	Benefits
Raised intersection	Traffic calming	Reduces vehicular speeds
Traffic circle	Traffic calming	Reduces vehicular speeds
Sidewalk gaps infill	Sidewalks	Increases connectivity
Advisory bike Lane	Bike facility	Expanded mode choices
ADA-compliant curb ramps	Curb ramps	Enhances accessibility

Detailed Project Description
<p>A. Convert 6 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.</p> <p>B. Install a traffic circle traffic calming device at the intersection of 8<sup>th</sup> Street and Butler Drive with advanced warning signage.</p> <p>C. Construct a raised intersection at 10<sup>th</sup> Street and Butler Drive. Include high visibility crosswalks at all legs of the intersection. Include advanced warning signage on all four legs of the intersection.</p> <p>D. Stripe an advisory bike lane from Arizona Canal to 12<sup>th</sup> Street.</p> <p>E. Construct 5' sidewalks on both sides of Butler Drive between 7<sup>th</sup> Street and the Arizona Canal.</p>

Project Location	Project Cost Estimates
------------------	------------------------



Design	\$206,285.87
ROW	-
Construction	\$966,905.50
Other	\$44,285.75
<b>TOTAL</b>	<b>\$1,217,477.11</b>

Delivery Considerations
<ul style="list-style-type: none"> <li>• Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>• Sidewalk projects may require right-of-way acquisition.</li> </ul>



Project Name	Project ID
Butler Drive Improvements	7
Project Limits	Prioritization Score
Butler Drive; Arizona Canal to 12 <sup>th</sup> Street (1 mile)	69

### Project Example Photos



Sidewalk



Traffic Circle Traffic Calming



Raised Intersection



Project Name	Project ID
Alice Avenue Pedestrian & Bicycle Improvements	8

Project Limits	Prioritization Score
Alice Avenue; Central Avenue to 12 <sup>th</sup> Street (1 mile)	73

Current Conditions	Destinations
<ul style="list-style-type: none"> <li>• Low pedestrian visibility</li> <li>• Lacking pedestrian and bicycle facilities</li> <li>• Unsafe arterial road crossing</li> <li>• Lacking sidewalks and ADA-complaint curb ramps</li> </ul>	<ul style="list-style-type: none"> <li>• Sunnyslope High School</li> <li>• Sunnyslope Transit Center</li> <li>• Palma Park</li> <li>• Arcadia Library</li> <li>• 10<sup>th</sup> Street Wash Basin Park</li> </ul>

Project Elements	Project Type	Benefits
Sidewalk gaps infill	Sidewalks	Increases connectivity
High-visibility crosswalks	Pedestrian crossing	Increases visibility and safety
ADA-compliant curb ramps	Curb ramps	Enhances accessibility
Advisory bike Lane	Bicycle facility	Expanded mode choices

Detailed Project Description
<p>A. Convert 43 existing curb ramps to be ADA-compliant by installing truncated domes at 13 intersections.</p> <p>B. Install high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting on all four legs of the intersection of 7<sup>th</sup> Street and Alice Avenue.</p> <p>C. Install high-visibility crosswalks and pedestrian/school crossing signage on the south and east legs of the intersection of Alice Avenue and 3<sup>rd</sup> Street.</p> <p>D. Install crosswalks near 10<sup>th</sup> Street Wash Basin Park along Alice Avenue at 10<sup>th</sup> Street.</p> <p>E. Stripe advisory bike lanes on both sides of Alice Avenue from 12<sup>th</sup> Street to Central Avenue.</p>

Project Location	Project Cost Estimates	
	Design	\$89,183.06
	ROW	-
	Construction	\$370,740.05
	Other	\$46,822.90
	<b>TOTAL</b>	<b>\$506,746.01</b>

**Delivery Considerations**

- Estimated with a projected implementation in Fiscal Year 2024/2025.



<b>Project Name</b>	<b>Project ID</b>
Alice Avenue Pedestrian & Bicycle Improvements	8
<b>Project Limits</b>	<b>Prioritization Score</b>
Alice Avenue; Central Avenue to 12 <sup>th</sup> Street (1 mile)	73

### Project Example Photos





Project Name	Project ID
Townley Avenue Traffic Calming & Pedestrian Improvements	9

Project Limits	Prioritization Score
Townley Avenue; Central Avenue to 12 <sup>th</sup> Street (1 mile)	85

Current Conditions	Destinations
<ul style="list-style-type: none"> <li>• Vehicular speeding concerns</li> <li>• Low pedestrian visibility</li> <li>• Lacking pedestrian and bicycle facilities</li> <li>• Unsafe arterial road crossing</li> <li>• Lacking sidewalks and ADA-complaint curb ramps</li> </ul>	<ul style="list-style-type: none"> <li>• Sunnyslope High School</li> <li>• Sunnyslope Transit Center</li> <li>• Palma Park</li> <li>• Arcadia Library</li> <li>• 10<sup>th</sup> Street Wash Basin Park</li> <li>• Sunnyslope Village Center</li> </ul>

Project Elements	Project Type	Benefits
Sidewalk gaps infill	Sidewalks	Increases connectivity
Mid-block crossing	Pedestrian crossing	Increases safety and visibility
ADA-compliant curb ramps	Curb ramps	Enhances accessibility
Traffic Chicane	Traffic calming	Reduces vehicular speed

Detailed Project Description
<p>A. Convert 58 existing curb ramps to be ADA-compliant by installing truncated domes at 14 intersections.</p> <p>B. Add crosswalks near Palma Park along Townley Avenue and 11<sup>th</sup> Street at all legs of the intersection with advanced pedestrian crossing warning signage.</p> <p>C. Add a HAWK, high-visibility crosswalks, enhanced lighting, pedestrian crossing signage, and wayfinding on 7<sup>th</sup> Street at the intersection with Townley Avenue.</p> <p>D. Install Chicane-style traffic calming along Townley Avenue near 10<sup>th</sup> Street Wash Basin Park.</p>

Project Location	Project Cost Estimates	
	Design	\$160,716.91
	ROW	-
	Construction	\$532,811.70
	Other	\$247,159.31
	<b>TOTAL</b>	<b>\$940,687.93</b>

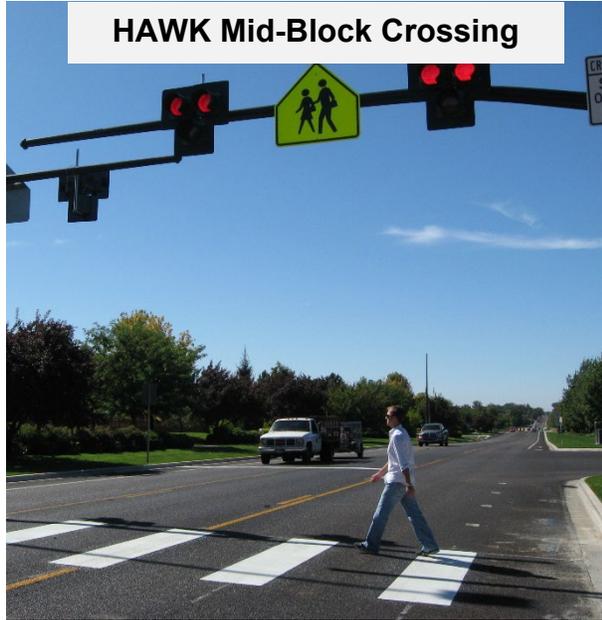
### Delivery Considerations

- Estimated with a projected implementation in Fiscal Year 2024/2025.
- Signal warrant analysis is required prior to the implementation of HAWK signals.



Project Name	Project ID
Townley Avenue Traffic Calming & Pedestrian Improvements	9
Project Limits	Prioritization Score
Townley Avenue; Central Avenue to 12 <sup>th</sup> Street (1 mile)	85

### Project Example Photos





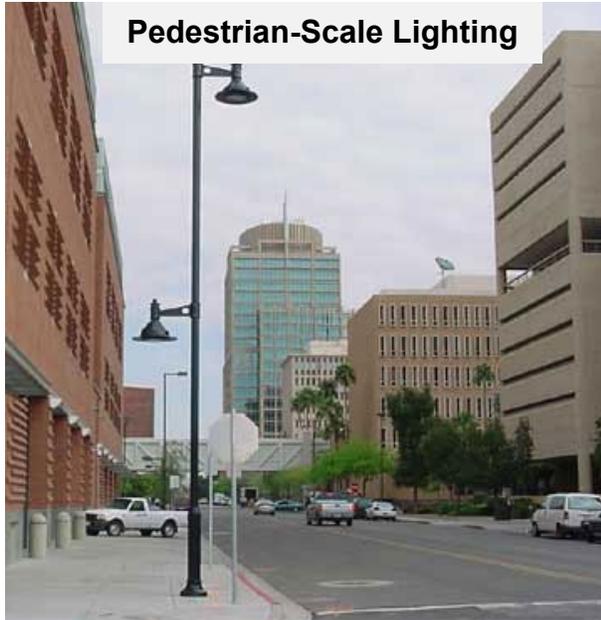
Project Name		Project ID
Cave Creek Road Improvements		10
Project Limits		Prioritization Score
Cave Creek Road; Dunlap Avenue to Cactus Road (2.7 miles)		66
Current Conditions		Destinations
<ul style="list-style-type: none"> <li>• High traffic volumes</li> <li>• Vehicular speeding concerns</li> <li>• Poor pedestrian crossings/visibility</li> <li>• Low pedestrian visibility</li> <li>• Poor lighting at intersections</li> </ul>		<ul style="list-style-type: none"> <li>• Fry's Grocery Store Grocery Store</li> <li>• Sunnyslope Park/Senior Center</li> <li>• Arcadia Library</li> <li>• Palma Park</li> <li>• Sunnyslope Village Center</li> </ul>
Project Elements	Project Type	Benefits
Pedestrian-scale lighting	Street lighting	Increases visibility and safety
High-visibility crosswalks	Pedestrian crossing	Increases visibility and safety
Bike lanes	Bike facility	Expanded mode choices
HAWK Mid-Block Crossing	Pedestrian Crossing	Increases safety and visibility
Detailed Project Description		
<p>A. Improve the existing bike lane by ensuring they fully extend to every intersection with green bike lane stamps. Add a 2-foot buffer where applicable.</p> <p>B. Convert 30 existing curb ramps to be ADA-compliant by installing truncated domes at 6 intersections.</p> <p>C. Install high-visibility crosswalks and pedestrian crossing signage, and enhanced lighting on all five legs of the intersection at Cave Creek Road and Hatcher Road.</p> <p>D. Install high-visibility crosswalks and pedestrian crossing signage, and enhanced lighting on all six legs of the intersection at Cave Creek Road, Dunlap Avenue, and 7<sup>th</sup> Street.</p> <p>E. Construct a HAWK with high-visibility crosswalks and enhanced lighting at Vogel Avenue across Cave Creek Road. Include advanced crossing warning signage and wayfinding as well.</p>		

Project Location	Project Cost Estimates	
	Design	\$163,045.19
	ROW	-
	Construction	\$488,108.14
	Other	\$304,796.71
	<b>TOTAL</b>	<b>\$955,950.03</b>
	Delivery Considerations	
<ul style="list-style-type: none"> <li>• Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>• Signal warrant analysis is required prior to the implementation of HAWK signals.</li> </ul>		



<b>Project Name</b>	<b>Project ID</b>
Cave Creek Road Improvements	10
<b>Project Limits</b>	<b>Prioritization Score</b>
Cave Creek Road; Dunlap Avenue to Cactus Road (2.7 miles)	66

### Project Example Photos





Project Name	Project ID
12 <sup>th</sup> Street Improvements	11

Project Limits	Prioritization Score
12 <sup>th</sup> Street; Northern Avenue to Dunlap Avenue (1 mile)	60

Current Conditions	Destinations
<ul style="list-style-type: none"> <li>• Vehicular speeding concerns</li> <li>• Low pedestrian visibility</li> <li>• High pedestrian and bicyclist activity</li> <li>• Lacking ADA-compliant curb ramps</li> </ul>	<ul style="list-style-type: none"> <li>• Arcadia Library</li> <li>• Palma Park</li> <li>• Sunnyslope Village Center</li> <li>• Foundation for the Blind</li> <li>• Let it Bowl</li> </ul>

Project Elements	Project Type	Benefits
High-visibility crosswalks	Pedestrian crossing	Increases safety and visibility
ADA-compliant curb ramps	Curb ramps	Enhances accessibility
Mid-block crossing	Pedestrian crossing	Increases safety
Bus stop bike bypass	Bicycle facility	Improve bike facility

Detailed Project Description
<p>A. Convert 28 existing curb ramps to be ADA-compliant by installing truncated domes at 10 intersections.</p> <p>B. Install high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of 12th Street and Northern Avenue.</p> <p>C. Install an RFB, high-visibility crosswalks, pedestrian crossing signage, and wayfinding at the intersection of Alice Avenue and 12<sup>th</sup> Street.</p> <p>D. Install high-visibility crosswalks, pedestrian crossing signage, and wayfinding at the intersection of Townley Avenue and 12<sup>th</sup> Street.</p> <p>E. Upgrade 5 existing bus stops on 12<sup>th</sup> Street to incorporate bike lane bypasses with signage.</p>

Project Location	Project Cost Estimates	
	Design	\$106,970.41
	ROW	-
	Construction	\$357,041.61
	Other	\$150,775.65
	<b>TOTAL</b>	<b>\$614,787.67</b>

### Delivery Considerations

- Estimated with a projected implementation in Fiscal Year 2024/2025.



<b>Project Name</b>	<b>Project ID</b>
12 <sup>th</sup> Street Improvements	11
<b>Project Limits</b>	<b>Prioritization Score</b>
12 <sup>th</sup> Street; Northern Avenue to Dunlap Avenue (1 mile)	60

### Project Example Photos

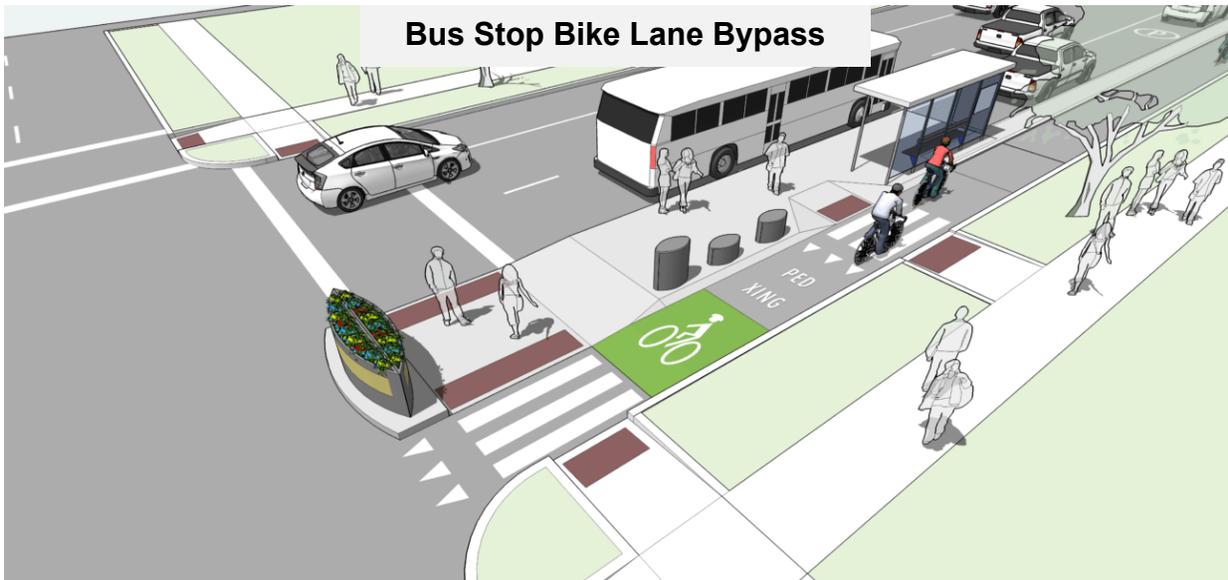
RFB Mid-Block Crossing



ADA-Compliant Curb Ramp



Bus Stop Bike Lane Bypass





Project Name		Project ID
7 <sup>th</sup> Street Corridor Improvements		12
Project Limits		Prioritization Score
7 <sup>th</sup> Street; Northern Avenue to Mountain View Road (1.25 miles)		72
Current Conditions		Destinations
<ul style="list-style-type: none"> <li>• Vehicular speeding concern</li> <li>• Low pedestrian visibility</li> <li>• Dangerous crossing locations</li> <li>• Lacking ADA-compliant infrastructure</li> </ul>		<ul style="list-style-type: none"> <li>• Fry's Grocery Store</li> <li>• Sunnyslope Village Center</li> <li>• Little Miss BBQ's</li> <li>• US Postal Service</li> <li>• Foundation for the Blind</li> </ul>
Project Elements	Project Type	Benefits
Pedestrian-scale lighting	Street lighting	Increased visibility and safety
ADA-compliant curb ramps	Curb ramps	Enhanced accessibility
HAWK mid-block crossing	Pedestrian crossing	Safe crossing location

**Detailed Project Description**

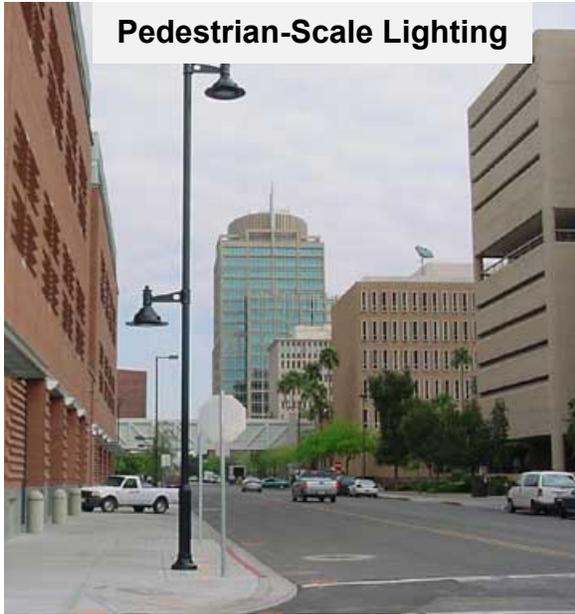
- Convert 75 existing curb ramps to be ADA-compliant by installing truncated domes at 22 intersections.
- Construct a HAWK with high-visibility crosswalks and enhanced lighting at Orchid Lane. Include advanced crossing warning signage and wayfinding as well.
- Construct pedestrian-scale lighting in accordance with city specifications from Arizona Canal to Hatcher Road.

Project Location	Project Cost Estimates	
	Design	\$241,648.80
	ROW	-
	Construction	\$782,481.20
	Other	\$412,764.18
	<b>TOTAL</b>	<b>\$1,436,894.17</b>
	Delivery Considerations	
<ul style="list-style-type: none"> <li>• Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>• Signal warrant analysis is required prior to the implementation of HAWK signals.</li> </ul>		



<b>Project Name</b>	<b>Project ID</b>
7 <sup>th</sup> Street Corridor Improvements	12
<b>Project Limits</b>	<b>Prioritization Score</b>
7 <sup>th</sup> Street; Northern Avenue to Mountain View Road (1.25 miles)	72

### Project Example Photos





Project Name	Project ID
Mountain View Road Improvements	13
Project Limits	Prioritization Score
Mountain View Road; Central Avenue to Cave Creek Road (1.5 miles)	73

Current Conditions	Destinations
<ul style="list-style-type: none"> <li>High pedestrian activity</li> <li>Lacking bike facilities</li> <li>Lacking ADA-compliant curb ramps</li> </ul>	<ul style="list-style-type: none"> <li>Sunnyslope High School</li> <li>Sunnyslope Elementary School</li> <li>US Postal Service</li> <li>Fry's Grocery Store</li> <li>Sunnyslope Park/Senior Center</li> </ul>

Project Elements	Project Type	Benefits
Landscaping	Shade/trees	Decreases sun exposure
High-visibility crosswalks	Pedestrian crossing	Increases safety and visibility
Mid-block crossings	Pedestrian crossing	Increases safety and visibility
Bike lane	Bike facility	Expanded mode choices

Detailed Project Description
<p>A. Convert 29 existing curb ramps to be ADA-compliant by installing truncated domes at 7 intersections.</p> <p>B. Convert existing crosswalk to a raised, high-visibility crosswalk and pedestrian/school crossing signage near Sunnyslope Elementary School at 2<sup>nd</sup> Way.</p> <p>C. Convert existing crosswalks at 3<sup>rd</sup> Street and Mountain View Road to high-visibility crosswalks (adjacent to Sunnyslope Elementary School).</p> <p>D. Install an RFB and high-visibility crosswalks and pedestrian crossing signage at the intersection of Mountain View Road and 8<sup>th</sup> Street.</p> <p>E. Plant approximately 21 trees adjacent to the sidewalk on the north side of Mountain View Road near Sunnyslope Elementary School between Central Avenue and 3<sup>rd</sup> Street.</p> <p>F. Stripe 5' bike lanes from Cave Creek Road to Central Avenue.</p>

Project Location	Project Cost Estimates	
	Design	\$59,329.33
	ROW	-
	Construction	\$249,344.17
	Other	\$11,164.66
	<b>TOTAL</b>	<b>\$319,838.16</b>

Delivery Considerations
<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Signal warrant analysis is required prior to the implementation of HAWK signals.</li> <li>Trees require annual maintenance which costs \$65.00 for a young tree and \$300 for a mature tree annually.</li> </ul>



<b>Project Name</b>	<b>Project ID</b>
Mountain View Road Improvements	13
<b>Project Limits</b>	<b>Prioritization Score</b>
Mountain View Road; Central Avenue to Cave Creek Road (1.5 miles)	73

**Project Example Photos**





Project Name		Project ID
West Butler Drive Bike Facility		14
Project Limits		Prioritization Score
Butler Drive; Central Avenue to 23 <sup>rd</sup> Avenue (2 miles)		69
Current Conditions		Destinations
<ul style="list-style-type: none"> <li>Fast vehicular speed</li> <li>Lacking bike facility</li> <li>Potential connection to Phoenix Light Rail</li> </ul>		<ul style="list-style-type: none"> <li>Sunnyslope High School</li> <li>Arizona Canal</li> <li>Spoke &amp; Wheel</li> <li>Phoenix Light Rail</li> </ul>
Project Elements	Project Type	Benefits
Bike lane	Bike facility	Expanded mode choices
Advisory bike lane	Bike facility	Increases safety and visibility
Shared-lane markings	Bike facility	Increases safety and visibility
ADA-compliant curb ramps	Curb ramps	Enhances accessibility

### Detailed Project Description

- Stripe 6-foot advisory bike lanes with 7-foot on-street parking from Central Avenue to 7<sup>th</sup> Avenue. Shared-lane markings require approaching 7<sup>th</sup> Avenue.
- Stripe 6-foot bike lanes with 7-foot on-street parking from 7<sup>th</sup> Avenue to 11<sup>th</sup> Avenue. Shared-lane markings require approaching 7<sup>th</sup> Avenue.
- Stripe 6-foot bike lanes from 11<sup>th</sup> Avenue to 15<sup>th</sup> Avenue.
- Stripe shared-lane markings from 15<sup>th</sup> Avenue to 15<sup>th</sup> Drive.
- Stripe 6-foot bike lanes with 7-foot on-street parking from 15<sup>th</sup> Drive to 23<sup>rd</sup> Avenue.
- Convert 7 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.

Project Location	Project Cost Estimates	
	Design	\$49,129.55
	ROW	-
	Construction	\$135,446.63
	Other	\$6,064.77
	<b>TOTAL</b>	<b>\$190,640.95</b>
	Delivery Considerations	<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> </ul>



<b>Project Name</b>	<b>Project ID</b>
West Butler Avenue Bike Facility	14
<b>Project Limits</b>	<b>Prioritization Score</b>
Arizona Canal to 23 <sup>rd</sup> Avenue	69

**Project Example Photos**





Project Name		Project ID
Mountain View Park Multi-Use Path		15
Project Limits		Prioritization Score
Mountain View Road to Cheryl Drive (1/4 mile)		55
Current Conditions		Destinations
<ul style="list-style-type: none"> <li>High pedestrian activity</li> <li>Sidewalk gaps</li> </ul>		<ul style="list-style-type: none"> <li>Sunnyslope Elementary school</li> <li>Mountain View Park</li> <li>Arizona Canal</li> <li>Sunnyslope High School</li> </ul>
Project Elements	Project Type	Benefits
Multi-use path	sidewalk	Increased pedestrian/bicyclist connectivity

**Detailed Project Description**

- A. Construct 10-foot multi-use path on the east side of 7<sup>th</sup> Avenue from Mountain View Road to Cheryl Drive.

Project Location	Project Cost Estimates	
	Design	\$44,182.09
	ROW	-
	Construction	\$80,199.98
	Other	\$3,591.04
	<b>TOTAL</b>	<b>\$127,973.12</b>
	Delivery Considerations	
<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Sidewalk projects may require right-of-way acquisition.</li> </ul>		



<b>Project Name</b>	<b>Project ID</b>
Mountain View Park Multi-Use Path	15
<b>Project Limits</b>	<b>Prioritization Score</b>
Mountain View Road to Cheryl Drive (1/4 mile)	55

**Project Example Photos**





<b>Project Name</b>	<b>Project ID</b>
Sunland Heights Neighborhood Sidewalks	16
<b>Project Limits</b>	<b>Prioritization Score</b>
-	64

<b>Current Conditions</b>	<b>Destinations</b>
<ul style="list-style-type: none"> <li>Lacking sidewalks</li> <li>High pedestrian activity</li> </ul>	<ul style="list-style-type: none"> <li>Sunnyslope Elementary school</li> <li>Shaw Butte Park</li> </ul>

<b>Project Elements</b>	<b>Project Type</b>	<b>Benefits</b>
Sidewalk gaps infill	sidewalks	Increases connectivity

**Detailed Project Description**

- Construct 5-foot sidewalks on the east side of Central Avenue from Mountain View Road to Foothill Drive.
- Construct 5-foot sidewalks on both sides of 1<sup>st</sup> Street from Mountain View Road to Foothill Drive.
- Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Street from Mountain View Road to Foothill Drive.
- Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Place from Mountain View Road to Foothill Drive.
- Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Way from Mountain View Road to Foothill Drive.
- Construct 5-foot sidewalks on the west side of 3<sup>rd</sup> Street from Mountain View Road to Foothill Drive.

<b>Project Location</b>	<b>Project Cost Estimates</b>	
	Design	\$366,710.77
	ROW	-
	Construction	\$1,785,231.21
	Other	\$79,935.73
	<b>TOTAL</b>	<b>\$2,231,877.71</b>
	<b>Delivery Considerations</b>	
<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Sidewalk projects may require right-of-way acquisition.</li> </ul>		



Project Name	Project ID
Sunland Heights Neighborhood Sidewalks	16
Project Limits	Prioritization Score
-	64

### Project Example Photos





Project Name	Project ID
North Central Heights Neighborhood Sidewalks	17
Project Limits	Prioritization Score
-	65

Current Conditions	Destinations
<ul style="list-style-type: none"> <li>Lacking sidewalks</li> <li>High pedestrian activity</li> </ul>	<ul style="list-style-type: none"> <li>Sunnyslope Elementary school</li> <li>Shaw Butte Park</li> </ul>

Project Elements	Project Type	Benefits
Sidewalk gaps infill	sidewalks	Increases connectivity

Detailed Project Description
<p>A. Construct 5-foot sidewalks on both sides of Camino Vista from Vogel Avenue to 3<sup>rd</sup> Drive.</p> <p>B. Construct 5-foot sidewalks on both sides of Mountain View Road from 3<sup>rd</sup> Drive to 7<sup>th</sup> Avenue.</p> <p>C. Construct a 5-foot sidewalk on the west side of 7<sup>th</sup> Avenue from Vogel Avenue to Mountain View Road.</p> <p>D. Construct 5-foot sidewalks on both sides of Vogel Avenue from 3<sup>rd</sup> Avenue to 6<sup>th</sup> Avenue</p> <p>E. Construct a 5-foot sidewalk on 1st Avenue from Hatcher Road to Vogel Avenue.</p> <p>F. Construct a 5-foot sidewalk on 2<sup>nd</sup> Drive from Hatcher Road to Vogel Avenue.</p>

Project Location	Project Cost Estimates	
	Design	\$197,325.07
	ROW	-
	Construction	\$944,576.27
	Other	\$42,294.46
	<b>TOTAL</b>	<b>\$1,184,195.80</b>

### Delivery Considerations

- Estimated with a projected implementation in Fiscal Year 2024/2025.
- Sidewalk projects may require right-of-way acquisition.



Project Name	Project ID
North Central Heights Neighborhood Sidewalks	17
Project Limits	Prioritization Score
-	65

### Project Example Photos





Project Name	Project ID
Piedmont Neighborhood Sidewalks	18
Project Limits	Prioritization Score
-	87

Current Conditions	Destinations	
<ul style="list-style-type: none"> <li>Lacking sidewalks</li> <li>High pedestrian activity</li> </ul>	<ul style="list-style-type: none"> <li>Sunnyslope Elementary school</li> <li>John C. Lincoln Health Center</li> <li>Sunnyslope Village Center</li> <li>Sunnyslope Historical Society</li> <li>Fry's Grocery Store</li> </ul>	
Project Elements	Project Type	Benefits
Sidewalk gaps infill	sidewalks	Increases connectivity

Detailed Project Description
<p>A. Construct 5-foot sidewalks on 8<sup>th</sup> Street from Hatcher Road to Mountain View Road.</p> <p>B. Construct 5-foot sidewalks on 9<sup>th</sup> Street south of Mountain View Road.</p> <p>C. Construct 5-foot sidewalks on 11<sup>th</sup> Street south of Carol Avenue.</p> <p>D. Construct 5-foot sidewalks on 12<sup>th</sup> Place north of Purdue Avenue.</p> <p>E. Construct 5-foot sidewalks on Eva Street from Cave Creek to 5<sup>th</sup> Street.</p> <p>F. Construct 5-foot sidewalks on Mission Lane from Cave Creek to 5<sup>th</sup> Street.</p> <p>G. Construct 5-foot sidewalks on Caron Street from 5<sup>th</sup> Street to 3<sup>rd</sup> Street</p> <p>H. Construct 5-foot sidewalks on Carol Avenue Fry's Grocery Store to 2<sup>nd</sup> Place.</p> <p>I. Construct 5-foot sidewalks on Vogel Avenue from 13<sup>th</sup> Street to 8<sup>th</sup> Street.</p> <p>J. Construct 5-foot sidewalks on Purdue Avenue from 13<sup>th</sup> Street to 8<sup>th</sup> Street.</p> <p>K. Construct 5-foot sidewalks on Mountain View Road from 13<sup>th</sup> Street to 12<sup>th</sup> Place.</p>

Project Location	Project Cost Estimates	
	Design	\$384,031.82
	ROW	-
	Construction	\$1,871,194.97
	Other	\$83,784.85
	<b>TOTAL</b>	<b>\$2,339,011.64</b>
	Delivery Considerations	<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Sidewalk projects may require right-of-way acquisition.</li> </ul>



<b>Project Name</b>	<b>Project ID</b>
Piedmont Neighborhood Sidewalks	18
<b>Project Limits</b>	<b>Prioritization Score</b>
-	87

**Project Example Photos**





Project Name	Project ID
Waltmore Neighborhood Sidewalks	19
Project Limits	Prioritization Score
-	75

Current Conditions	Destinations	
<ul style="list-style-type: none"> <li>Lacking sidewalks</li> <li>High pedestrian activity</li> </ul>	<ul style="list-style-type: none"> <li>Sunnyslope Elementary school</li> <li>John C. Lincoln Health Center</li> <li>Fry's Grocery Store</li> <li>Sunnyslope Historical Society</li> <li>Palma Park</li> </ul>	
Project Elements	Project Type	Benefits
Sidewalk gaps infill	sidewalks	Increases connectivity

Detailed Project Description
<p>A. Construct 5-foot sidewalks on 8<sup>th</sup> Street from Dunlap Avenue to Cave Creek Road.</p> <p>B. Construct 5-foot sidewalks on 9<sup>th</sup> Street from Dunlap Avenue to Cave Creek Road.</p> <p>C. Construct 5-foot sidewalks on 11<sup>th</sup> Street from Dunlap Avenue to Cave Creek Road.</p> <p>D. Construct 5-foot sidewalks on 12<sup>th</sup> Place from Mission Lane to Hatcher Road.</p> <p>E. Construct 5-foot sidewalks on Eva Street from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</p> <p>F. Construct 5-foot sidewalks on Mission Lane from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</p> <p>G. Construct 5-foot sidewalks on Sunnyslope Lane from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</p> <p>H. Construct 5-foot sidewalks on Carol Avenue from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</p> <p>I. Construct 5-foot sidewalks on Vogel Avenue from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</p> <p>J. Construct 5-foot sidewalks on Purdue Avenue from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</p> <p>K. Construct 5-foot sidewalks on Mountain View Road from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</p>

Project Location	Project Cost Estimates	
	Design	\$697,701.39
	ROW	-
	Construction	\$3,427,925.42
	Other	\$153,489.20
	<b>TOTAL</b>	<b>\$4,279,116.00</b>
<th>Delivery Considerations</th>		Delivery Considerations
<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Sidewalk projects may require right-of-way acquisition.</li> </ul>		



Project Name	Project ID
Waltmore Neighborhood Sidewalks	19
Project Limits	Prioritization Score
-	75

**Project Example Photos**





Project Name		Project ID
Townley Square Neighborhood Sidewalks		20
Project Limits		Prioritization Score
-		75
Current Conditions		Destinations
<ul style="list-style-type: none"> <li>Lacking sidewalks</li> <li>High pedestrian activity</li> </ul>		<ul style="list-style-type: none"> <li>Sunnyslope Transit Center</li> <li>John C. Lincoln Health Center</li> <li>Sunnyslope Village Center</li> <li>Arcadia Library</li> <li>Desert View Elementary School</li> </ul>
Project Elements	Project Type	Benefits
Sidewalk gaps infill	sidewalks	Increases connectivity

**Detailed Project Description**

- A. Construct 5-foot sidewalks on 4<sup>th</sup> Street from Alive Avenue to Townley Avenue.
- B. Construct 5-foot sidewalks on 5<sup>th</sup> Street from Alive Avenue to Townley Avenue.
- C. Construct 5-foot sidewalks on 6<sup>th</sup> Street from Alive Avenue to Townley Avenue.
- D. Construct 5-foot sidewalks on 6<sup>th</sup> Place from Alive Avenue to Townley Avenue.

Project Location	Project Cost Estimates	
	Design	\$110,520.21
	ROW	-
	Construction	\$513,766.98
	Other	\$23,004.49
	<b>TOTAL</b>	<b>\$647,291.68</b>
	Delivery Considerations	
<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Sidewalk projects may require right-of-way acquisition.</li> </ul>		



Project Name	Project ID
Townley Square Neighborhood Sidewalks	20
Project Limits	Prioritization Score
-	75

### Project Example Photos





Project Name	Project ID
North Town Neighborhood Sidewalks	21
Project Limits	Prioritization Score
-	66

Current Conditions	Destinations	
<ul style="list-style-type: none"> <li>Lacking sidewalks</li> <li>High pedestrian activity</li> </ul>	<ul style="list-style-type: none"> <li>Arizona Canal</li> <li>Most Holy Trinity Schools</li> <li>Sunnyslope Village Center</li> <li>Arcadia Library</li> <li>Desert View Elementary School</li> </ul>	
Project Elements	Project Type	Benefits
Sidewalk gaps infill	sidewalks	Increases connectivity

**Detailed Project Description**

- A. Construct 5-foot sidewalks on 3<sup>rd</sup> Street from 5<sup>th</sup> Street to Orchid Lane.
- B. Construct 5-foot sidewalks on 5<sup>th</sup> Street north of Las Palmaritas Drive.
- C. Construct 5-foot sidewalks on 6<sup>th</sup> Street from Las Palmaritas Drive to Orchid Lane.
- D. Construct 5-foot sidewalks on 1<sup>st</sup> Street from Las Palmaritas Drive to Orchid Lane.
- E. Construct 5-foot sidewalks on Orchid Lane from 1<sup>st</sup> Street to 6<sup>th</sup> Street.
- F. Construct 5-foot sidewalks on Las Palmaritas Drive from Butler Drive to 6<sup>th</sup> Street.

Project Location	Project Cost Estimates	
	Design	\$476,099.13
	ROW	-
	Construction	\$2,328,121.59
	Other	\$104,244.25
	<b>TOTAL</b>	<b>\$2,908,464.97</b>

**Delivery Considerations**

- Estimated with a projected implementation in Fiscal Year 2024/2025.
- Sidewalk projects may require right-of-way acquisition.



Project Name	Project ID
North Town Neighborhood Sidewalks	21
Project Limits	Prioritization Score
-	66

### Project Example Photos





Project Name	Project ID
Skyline Vista Neighborhood Sidewalks	22
Project Limits	Prioritization Score
-	67

Current Conditions	Destinations	
<ul style="list-style-type: none"> <li>Lacking sidewalks</li> <li>High pedestrian activity</li> </ul>	<ul style="list-style-type: none"> <li>Arizona Canal</li> <li>Most Holy Trinity Schools</li> <li>10<sup>th</sup> Street Multi-Use Path</li> <li>Arcadia Library</li> <li>Desert View Elementary School</li> </ul>	
Project Elements	Project Type	Benefits
Sidewalk gaps infill	sidewalks	Increases connectivity

Detailed Project Description
<p>A. Construct 5-foot sidewalks on 8<sup>th</sup> Street south of Las Palmaritas Drive.</p> <p>B. Construct 5-foot sidewalks on 8<sup>th</sup> Place south of Las Palmaritas Drive.</p> <p>C. Construct 5-foot sidewalks on 9<sup>th</sup> Street south of Las Palmaritas Drive.</p> <p>D. Construct 5-foot sidewalks on 10<sup>th</sup> Street south of Las Palmaritas Drive.</p> <p>E. Construct 5-foot sidewalks on Las Palmaritas Drive from 8<sup>th</sup> Street to 10<sup>th</sup> Street.</p> <p>F. Construct 5-foot sidewalks on El Caminito Drive from 8<sup>th</sup> Street to 10<sup>th</sup> Street.</p> <p>G. Construct 5-foot sidewalks on Echo Lane from 8<sup>th</sup> Street to 10<sup>th</sup> Street.</p> <p>H. Construct 5-foot sidewalks on Seldon Lane from 8<sup>th</sup> Street to 10<sup>th</sup> Street.</p> <p>I. Construct 5-foot sidewalks on Orchid Lane from 8<sup>th</sup> Street to 10<sup>th</sup> Street.</p> <p>J. Construct 5-foot sidewalks on Diana Avenue from 8<sup>th</sup> Street to 10<sup>th</sup> Street.</p> <p>K. Construct 5-foot sidewalks on Ruth Avenue from 8<sup>th</sup> Street to 10<sup>th</sup> Street.</p>

Project Location	Project Cost Estimates	
	Design	\$589,362.38
	ROW	-
	Construction	\$2,890,242.93
	Other	\$129,413.86
	<b>TOTAL</b>	<b>\$3,609,019.18</b>
<th>Delivery Considerations</th>		Delivery Considerations
<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Sidewalk projects may require right-of-way acquisition.</li> </ul>		



Project Name	Project ID
Skyline Vista Neighborhood Sidewalks	22
Project Limits	Prioritization Score
-	67

### Project Example Photos





Project Name	Project ID
New North Town Neighborhood Sidewalks	23
Project Limits	Prioritization Score
-	70

Current Conditions	Destinations	
<ul style="list-style-type: none"> <li>Lacking sidewalks</li> <li>High pedestrian activity</li> </ul>	<ul style="list-style-type: none"> <li>Arizona Canal</li> <li>Most Holy Trinity Schools</li> <li>10<sup>th</sup> Street Multi-Use Path</li> <li>Foundation for the Blind</li> <li>Desert View Elementary School</li> </ul>	
Project Elements	Project Type	Benefits
Sidewalk gaps infill	sidewalks	Increases connectivity

Detailed Project Description
<p>A. Construct 5-foot sidewalks on 10<sup>th</sup> Place south of Griswold Road.</p> <p>B. Construct 5-foot sidewalks on 11<sup>th</sup> Street south of Griswold Road.</p> <p>C. Construct 5-foot sidewalks on 11<sup>th</sup> Place south of Griswold Road.</p> <p>D. Construct 5-foot sidewalks on Harmont Drive from 11<sup>th</sup> Street t 12<sup>th</sup> Place.</p> <p>E. Construct 5-foot sidewalks on Royal Palms Road east of 12<sup>th</sup> Street.</p> <p>F. Construct 5-foot sidewalks on Griswold Road east of 12<sup>th</sup> Street.</p> <p>G. Construct 5-foot sidewalks on El Camino Drive east of 12<sup>th</sup> Street.</p> <p>H. Construct 5-foot sidewalks on Las Palmaritas Drive east of 12<sup>th</sup> Street.</p> <p>I. Construct 5-foot sidewalks on Echo Lane east of 12<sup>th</sup> Street.</p> <p>J. Construct 5-foot sidewalks on Butler Drive east of 12<sup>th</sup> Street.</p>

Project Location	Project Cost Estimates	
	Design	\$386,482.43
	ROW	-
	Construction	\$1,883,357.23
	Other	\$84,329.43
	<b>TOTAL</b>	<b>\$2,354,169.09</b>
	Delivery Considerations	<ul style="list-style-type: none"> <li>Estimated with a projected implementation in Fiscal Year 2024/2025.</li> <li>Sidewalk projects may require right-of-way acquisition.</li> </ul>



Project Name	Project ID
New North Town Neighborhood Sidewalks	23
Project Limits	Prioritization Score
-	70

### Project Example Photos





## **PRIORITIZATION OF PROPOSED RECOMMENDATIONS**

It can be a challenge to equitably compare projects across varying project types, especially with variation in cost, complexity, and project type. In response, the City worked with the consultant to develop a set of evaluation criteria and weighting as an instrument to rank and prioritize the various recommendations. The projects with the highest scores will ultimately rank above the projects with lower scores. The project prioritization tool was set up on a 100-point scale with the following six prioritization categories:

1. Safety (23 Possible Points);
2. Roadway User Stress Level (15 Possible Points);
3. Connectivity (22 Possible Points);
4. Public Input (20 Possible Points);
5. Deliverability/Constructability (10 Possible Points); and
6. Project Cost (10 Possible Points).

The purpose of the prioritization tool is to take the complete list of all 23 proposed mobility recommendations to reach a more fiscally constrained list of projects for implementation. The evaluation criteria and weighting tool was strategically prioritized to yield an advantage for safety and connectivity as central goals of the Mobility Study. However, even though the preliminary list of the 23 recommendations was developed by the project team, a fundamental element to the prioritized projects were developed by the biking and walking experts - the residents themselves. Residents and other members of the public were engaged in the process at a Community Open House where they provided feedback and gave their input on the proposed recommendations. The public also had an opportunity to solicit and provide community feedback on project recommendations and prioritization through a community preference survey. The community preference survey was provided as a hard copy as well as listed on the City's website. These results accounted for 20% (20 points) of the prioritization results. An additional 10 possible bonus points was awarded based on the rank of the Mobility Area. Since the Sunnyslope Neighborhoods Mobility Area was number 12, each project was awarded an additional 5 points. Refer to **Appendix C** for the results of the prioritization criteria for each of the preliminary 23 proposed mobility recommendations; while **Table 2** on the following pages lists the 23 mobility recommendations in prioritized order.

**Table 2: Prioritized MA 12 Mobility Improvements**

Rank	Project Name	Route(s)	Project limits	Project Type(s)	Project Description	Cost Estimate	Evaluation Criteria Score	Map ID
1	Hatcher Road Improvements	Hatcher Road	Hatcher Road; 7 <sup>th</sup> Avenue to 14 <sup>th</sup> Street (2 miles)	Bike facility Pedestrian crossing	<ul style="list-style-type: none"> <li>A. Improve the existing bike lane by ensuring they fully extend to every intersection with green bike lane stamps.</li> <li>B. Convert 65 existing curb ramps to be ADA-compliant by installing truncated domes at 20 intersections.</li> <li>C. Install an RFB, high-visibility crosswalks, and pedestrian/ school crossing signage at the intersection of Hatcher Road and 3<sup>rd</sup> Street.</li> <li>D. Install high-visibility crosswalks and pedestrian/school crossing signage at the intersection of Hatcher Road and 2<sup>nd</sup> Street.</li> <li>E. Stripe advisory bike lanes on both sides of Hatcher Road from Cave Creek Road to 14<sup>th</sup> Street.</li> </ul>	\$546,074.79	93	4
2	Piedmont Neighborhood Sidewalks	Central Avenue 2 <sup>nd</sup> Place Carol Avenue 3 <sup>rd</sup> Street Purdue Avenue Vogel Avenue 7 <sup>th</sup> Place 8 <sup>th</sup> Street 9 <sup>th</sup> Street	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on 8<sup>th</sup> Street from Hatcher Road to Mountain View Road.</li> <li>B. Construct 5-foot sidewalks on 9<sup>th</sup> Street south of Mountain View Road.</li> <li>C. Construct 5-foot sidewalks on 11<sup>th</sup> Street south of Carol Avenue.</li> <li>D. Construct 5-foot sidewalks on 12<sup>th</sup> Place north of Purdue Avenue.</li> <li>E. Construct 5-foot sidewalks on Eva Street from Cave Creek to 5<sup>th</sup> Street.</li> <li>F. Construct 5-foot sidewalks on Mission Lane from Cave Creek to 5<sup>th</sup> Street.</li> <li>G. Construct 5-foot sidewalks on Caron Street from 5<sup>th</sup> Street to 3<sup>rd</sup> Street</li> <li>H. Construct 5-foot sidewalks on Carol Avenue Fry's Grocery Store to 2<sup>nd</sup> Place.</li> <li>I. Construct 5-foot sidewalks on Vogel Avenue from 13<sup>th</sup> Street to 8<sup>th</sup> Street.</li> <li>J. Construct 5-foot sidewalks on Purdue Avenue from 13<sup>th</sup> Street to 8<sup>th</sup> Street.</li> <li>K. Construct 5-foot sidewalks on Mountain View Road from 13<sup>th</sup> Street to 12<sup>th</sup> Place.</li> </ul>	\$2,339,011.64	87	18
3	Townley Avenue Traffic Calming & Pedestrian Improvements	Townley Avenue	Townley Avenue; Central Avenue to 12 <sup>th</sup> Street (1 mile)	Sidewalks Pedestrian crossing Curb ramps Traffic calming	<ul style="list-style-type: none"> <li>A. Convert 58 existing curb ramps to be ADA-compliant by installing truncated domes at 14 intersections.</li> <li>B. Add crosswalks near Palma Park along Townley Avenue and 11<sup>th</sup> Street at all legs of the intersection with advanced pedestrian crossing warning signage.</li> <li>C. Add a HAWK, high-visibility crosswalks, enhanced lighting, pedestrian crossing signage, and wayfinding on 7<sup>th</sup> Street at the intersection with Townley Avenue.</li> <li>D. Install Chicane-style traffic calming along Townley Avenue near 10<sup>th</sup> Street Wash Basin Park.</li> </ul>	\$940,687.93	85	9

Rank	Project Name	Route(s)	Project limits	Project Type(s)	Project Description	Cost Estimate	Evaluation Criteria Score	Map ID
4	Dunlap Avenue Pedestrian and Bicycle Improvements	Dunlap Avenue	Dunlap Avenue; 7 <sup>th</sup> Avenue to 12 <sup>th</sup> Street (1.5 miles)	Street lighting Pedestrian crossing Curb ramps Bicycle facility	<ul style="list-style-type: none"> <li>A. Construct pedestrian-scale lighting from 7<sup>th</sup> Avenue to Cave Creek Road/7<sup>th</sup> Street.</li> <li>B. Convert 70 existing curb ramps to be ADA-compliant by installing truncated domes at 18 intersections.</li> <li>C. Add high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of Dunlap Avenue and Central Avenue.</li> <li>D. Add high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of Dunlap Avenue and 3<sup>rd</sup> Street.</li> <li>E. Add high-visibility crosswalks near Palma Park across Dunlap Avenue at the 11<sup>th</sup> Street alignment, and across 11<sup>th</sup> Street at both locations.</li> <li>F. Stripe advisory bike lanes on both sides of the Dunlap Avenue from 7<sup>th</sup> Street to 12<sup>th</sup> Street.</li> </ul>	\$1,822,661.38	81	1
5	Waltmore Neighborhood Sidewalks	8 <sup>th</sup> Street 9 <sup>th</sup> Street 11 <sup>th</sup> Street 12 <sup>th</sup> Place Eva Street Mission Lane Sunnyslope Lane Carol Avenue Vogel Avenue Purdue Avenue Mountain View Road	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on 8<sup>th</sup> Street from Dunlap Avenue to Cave Creek Road.</li> <li>B. Construct 5-foot sidewalks on 9<sup>th</sup> Street from Dunlap Avenue to Cave Creek Road.</li> <li>C. Construct 5-foot sidewalks on 11<sup>th</sup> Street from Dunlap Avenue to Cave Creek Road.</li> <li>D. Construct 5-foot sidewalks on 12<sup>th</sup> Place from Mission Lane to Hatcher Road.</li> <li>E. Construct 5-foot sidewalks on Eva Street from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</li> <li>F. Construct 5-foot sidewalks on Mission Lane from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</li> <li>G. Construct 5-foot sidewalks on Sunnyslope Lane from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</li> <li>H. Construct 5-foot sidewalks on Carol Avenue from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</li> <li>I. Construct 5-foot sidewalks on Vogel Avenue from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</li> <li>J. Construct 5-foot sidewalks on Purdue Avenue from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</li> <li>K. Construct 5-foot sidewalks on Mountain View Road from 11<sup>th</sup> Street to 13<sup>th</sup> Street.</li> </ul>	\$4,279,116.00	75	19

Rank	Project Name	Route(s)	Project limits	Project Type(s)	Project Description	Cost Estimate	Evaluation Criteria Score	Map ID
6	Townley Square Neighborhood Sidewalks	4 <sup>th</sup> Street 5 <sup>th</sup> Street 6 <sup>th</sup> Street 6 <sup>th</sup> Place	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on 4<sup>th</sup> Street from Alive Avenue to Townley Avenue.</li> <li>B. Construct 5-foot sidewalks on 5<sup>th</sup> Street from Alive Avenue to Townley Avenue.</li> <li>C. Construct 5-foot sidewalks on 6<sup>th</sup> Street from Alive Avenue to Townley Avenue.</li> <li>D. Construct 5-foot sidewalks on 6<sup>th</sup> Place from Alive Avenue to Townley Avenue.</li> </ul>	\$647,291.68	75	20
7	Alice Avenue Pedestrian & Bicycle Improvements	Alice Avenue	Alice Avenue; Central Avenue to 12 <sup>th</sup> Street (1 mile)	<ul style="list-style-type: none"> <li>Sidewalks</li> <li>Pedestrian crossing</li> <li>Curb ramps</li> <li>Bicycle facility</li> </ul>	<ul style="list-style-type: none"> <li>A. Convert 43 existing curb ramps to be ADA-compliant by installing truncated domes at 13 intersections.</li> <li>B. Install high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting on all four legs of the intersection of 7<sup>th</sup> Street and Alice Avenue.</li> <li>C. Install high-visibility crosswalks and pedestrian/school crossing signage on the south and east legs of the intersection of Alice Avenue and 3<sup>rd</sup> Street.</li> <li>D. Install crosswalks near 10<sup>th</sup> Street Wash Basin Park along Alice Avenue at 10<sup>th</sup> Street.</li> <li>E. Stripe advisory bike lanes on both sides of Alice Avenue from 12<sup>th</sup> Street to Central Avenue.</li> </ul>	\$506,746.01	73	8
8	Mountain View Road Improvements	Mountain View Road	Mountain View Road; Central Avenue to 9 <sup>th</sup> Street (0.75 miles)	<ul style="list-style-type: none"> <li>Sidewalks</li> <li>Pedestrian crossing</li> <li>Pedestrian crossing</li> <li>Bike facility</li> </ul>	<ul style="list-style-type: none"> <li>A. Convert 29 existing curb ramps to be ADA-compliant by installing truncated domes at 7 intersections.</li> <li>B. Convert existing crosswalk to a raised, high-visibility crosswalk and pedestrian/school crossing signage near Sunnyslope Elementary School at 2<sup>nd</sup> Way.</li> <li>C. Convert existing crosswalks at 3<sup>rd</sup> Street and Mountain View Road to high-visibility crosswalks (adjacent to Sunnyslope Elementary School).</li> <li>D. Install an RFB and high-visibility crosswalks and pedestrian crossing signage at the intersection of Mountain View Road and 8<sup>th</sup> Street.</li> <li>E. Plant approximately 21 trees adjacent to the sidewalk on the north side of Mountain View Road near Sunnyslope Elementary School between Central Avenue and 3<sup>rd</sup> Street.</li> <li>F. Stripe 5' bike lanes from Cave Creek Road to Central Avenue.</li> </ul>	\$319,838.16	73	13

Rank	Project Name	Route(s)	Project limits	Project Type(s)	Project Description	Cost Estimate	Evaluation Criteria Score	Map ID
9	Central Avenue Complete Street Project	Central Avenue	Central Ave; Bethany Home Rd to Mountain View Rd (3 miles)	Street lighting Trees/shade Curb ramps Bike facility	<ul style="list-style-type: none"> <li>A. Retrofit the existing crosswalks at the four signalized intersections to be high-visibility crosswalks.</li> <li>B. Install three RFBs, high-visibility crosswalks, and pedestrian/ school crossing signage at the intersections of Central Avenue and Rose Lane, Ocotillo Road, and Orangewood Avenue.</li> <li>C. Convert 70 existing curb ramps to be ADA-compliant by installing truncated domes at 19 intersections.</li> <li>D. Reconfigure Central Avenue by removing one travel lane in each direction between Ruth Avenue and Bethany Home Road (2.6 miles) and adding a two-way left turn lane and a buffered bike lane in each direction.</li> </ul>	\$1,782,896.78	72	3
10	7 <sup>th</sup> Street Corridor Improvements	7 <sup>th</sup> Street	7 <sup>th</sup> Street; Northern Avenue to Mountain View Road (1.5 miles)	Street lighting Curb ramps Pedestrian crossing	<ul style="list-style-type: none"> <li>A. Convert 75 existing curb ramps to be ADA-compliant by installing truncated domes at 22 intersections.</li> <li>B. Construct a HAWK with high-visibility crosswalks and enhanced lighting at Orchid Lane. Include advanced crossing warning signage and wayfinding as well.</li> <li>C. Construct pedestrian-scale lighting in accordance with city specifications from Arizona Canal to Hatcher Road.</li> </ul>	\$1,436,894.17	72	12
11	New North Town Neighborhood Sidewalks	10 <sup>th</sup> Place 11 <sup>th</sup> Street 11 <sup>th</sup> Place Harmont Drive	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on 10<sup>th</sup> Place south of Griswold Road.</li> <li>B. Construct 5-foot sidewalks on 11<sup>th</sup> Street south of Griswold Road.</li> <li>C. Construct 5-foot sidewalks on 11<sup>th</sup> Place south of Griswold Road.</li> <li>D. Construct 5-foot sidewalks on Harmont Drive from 11<sup>th</sup> Street to 12<sup>th</sup> Place.</li> <li>E. Construct 5-foot sidewalks on Royal Palms Road east of 12<sup>th</sup> Street.</li> <li>F. Construct 5-foot sidewalks on Griswold Road east of 12<sup>th</sup> Street.</li> <li>G. Construct 5-foot sidewalks on El Camino Drive east of 12<sup>th</sup> Street.</li> <li>H. Construct 5-foot sidewalks on Las Palmaritas Drive east of 12<sup>th</sup> Street.</li> <li>I. Construct 5-foot sidewalks on Echo Lane east of 12<sup>th</sup> Street.</li> <li>J. Construct 5-foot sidewalks on Butler Drive east of 12<sup>th</sup> Street.</li> </ul>	\$2,354,169.09	70	23
12	Arizona Canal Enhancements	Arizona Canal	Arizona Canal; Northern Avenue to 7 <sup>th</sup> Avenue (1.6 miles)	Trees/shade Pedestrian crossing	<ul style="list-style-type: none"> <li>A. Plant additional trees and other aesthetic landscaping on both sides of the canal between Northern Avenue and 7<sup>th</sup> Avenue. Consider Arizona Ash or Chinese Elm tree species for their wide and thick canopies. The trees should be planted approximately every 75' to 100' which would require approximately 180 trees.</li> <li>B. Construct a HAWK with high-visibility crosswalks and enhanced lighting at Northern Avenue. Include advanced crossing warning signage and wayfinding as well.</li> <li>C. Add an RFB with a high-visibility crosswalk and enhanced lighting at the south bank of the canal across Central Avenue. Include eastbound and west bound advanced crossing warning signage and wayfinding as well.</li> </ul> <p>Construct a pedestrian bridge over the canal at the 3<sup>rd</sup> Avenue alignment.</p>	\$1,782,896.78	69	2

Rank	Project Name	Route(s)	Project limits	Project Type(s)	Project Description	Cost Estimate	Evaluation Criteria Score	Map ID
13	Butler Drive Improvements	Butler Drive	Butler Drive; Arizona Canal to 12 <sup>th</sup> Street (1 mile)	Traffic calming Sidewalks Bike facility Curb ramps	<ul style="list-style-type: none"> <li>A. Convert 6 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.</li> <li>B. Install a traffic circle traffic calming device at the intersection of 8<sup>th</sup> Street and Butler Drive with advanced warning signage.</li> <li>C. Construct a raised intersection at 10<sup>th</sup> Street and Butler Drive. Include high visibility crosswalks at all legs of the intersection. Include advanced warning signage on all four legs of the intersection.</li> <li>D. Stripe an advisory bike lane from Arizona Canal to 12<sup>th</sup> Street.</li> <li>E. Construct 5' sidewalks on both sides of Butler Drive between 7<sup>th</sup> Street and the Arizona Canal.</li> </ul>	\$1,217,477.11	69	7
14	West Butler Avenue Bike Facility	Butler Avenue	Butler Drive; Central Avenue to 23 <sup>rd</sup> Avenue (2 miles)	Bike facility Curb ramps	<ul style="list-style-type: none"> <li>A. Stripe 6-foot advisory bike lanes with 7-foot on-street parking from Central Avenue to 7<sup>th</sup> Avenue. Shared-lane markings require approaching 7<sup>th</sup> Avenue.</li> <li>B. Stripe 6-foot bike lanes with 7-foot on-street parking from 7<sup>th</sup> Avenue to 11<sup>th</sup> Avenue. Shared-lane markings require approaching 7<sup>th</sup> Avenue.</li> <li>C. Stripe 6-foot bike lanes from 11<sup>th</sup> Avenue to 15<sup>th</sup> Avenue.</li> <li>D. Stripe shared-lane markings from 15<sup>th</sup> Avenue to 15<sup>th</sup> Drive.</li> <li>E. Stripe 6-foot bike lanes with 7-foot on-street parking from 15<sup>th</sup> Drive to 23<sup>rd</sup> Avenue.</li> <li>F. Convert 7 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.</li> </ul>	\$190,640.95	69	14
15	2 <sup>nd</sup> Street Mid-Block Crossings	2 <sup>nd</sup> Street	2 <sup>nd</sup> Street; Dunlap Avenue to Hatcher Road (800 feet)	Pedestrian crossing Curb ramps	<ul style="list-style-type: none"> <li>A. Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 2<sup>nd</sup> Street between Sunnyslope Lane and Mission Lane.</li> <li>B. Install an RFB, high-visibility crosswalks, enhanced lighting, pedestrian crossing signage, and wayfinding on 2<sup>nd</sup> Street on the north leg of the intersection with Eva Street.</li> <li>C. Convert 8 existing curb ramps to be ADA-compliant by installing truncated domes at 3 intersections.</li> </ul>	\$661,870.27	67	5
16	3 <sup>rd</sup> Street Mid-Block Crossings	3 <sup>rd</sup> Street	3 <sup>rd</sup> Street; Dunlap Avenue to Hatcher Road (800 feet)	Pedestrian crossing Curb ramps	<ul style="list-style-type: none"> <li>A. Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 3<sup>rd</sup> Street south of Eva Street.</li> <li>B. Install an RFB to the existing high-visibility crosswalk, and add enhanced lighting, pedestrian crossing signage, and wayfinding on 3<sup>rd</sup> Street north of Eva Street.</li> <li>C. Convert 2 existing curb ramps to be ADA-compliant by installing truncated domes at 1 intersection.</li> </ul>	\$671,761.55	67	6

Rank	Project Name	Route(s)	Project limits	Project Type(s)	Project Description	Cost Estimate	Evaluation Criteria Score	Map ID
17	<b>Skyline Vista Neighborhood Sidewalks</b>	8 <sup>th</sup> Street 8 <sup>th</sup> Place 9 <sup>th</sup> Street 10 <sup>th</sup> Street Las Palmaritas Drive El Caminito Drive Echo Lane Seldon Lane Orchid Lane Diana Avenue Ruth Avenue	-	Sidewalks	A. Construct 5-foot sidewalks on 8 <sup>th</sup> Street south of Las Palmaritas Drive. B. Construct 5-foot sidewalks on 8 <sup>th</sup> Place south of Las Palmaritas Drive. C. Construct 5-foot sidewalks on 9 <sup>th</sup> Street south of Las Palmaritas Drive. D. Construct 5-foot sidewalks on 10 <sup>th</sup> Street south of Las Palmaritas Drive. E. Construct 5-foot sidewalks on Las Palmaritas Drive from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. F. Construct 5-foot sidewalks on El Caminito Drive from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. G. Construct 5-foot sidewalks on Echo Lane from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. H. Construct 5-foot sidewalks on Seldon Lane from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. I. Construct 5-foot sidewalks on Orchid Lane from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. J. Construct 5-foot sidewalks on Diana Avenue from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street. K. Construct 5-foot sidewalks on Ruth Avenue from 8 <sup>th</sup> Street to 10 <sup>th</sup> Street.	\$3,609,019.18	67	22
18	<b>Cave Creek Road Improvements</b>	Cave Creek Road	Cave Creek Road; Dunlap Avenue to Cactus Road (2.7 miles)	Street lighting Bike facility Curb ramps Pedestrian crossing Pedestrian crossing Bike facility	A. Improve the existing bike lane by ensuring they fully extend to every intersection with green bike lane stamps. Add a 2-foot buffer where applicable. B. Convert 30 existing curb ramps to be ADA-compliant by installing truncated domes at 6 intersections. C. Install high-visibility crosswalks and pedestrian crossing signage, and enhanced lighting on all five legs of the intersection at Cave Creek Road and Hatcher Road. D. Install high-visibility crosswalks and pedestrian crossing signage, and enhanced lighting on all six legs of the intersection at Cave Creek Road, Dunlap Avenue, and 7 <sup>th</sup> Street. E. Construct a HAWK with high-visibility crosswalks and enhanced lighting at Vogel Avenue across Cave Creek Road. Include advanced crossing warning signage and wayfinding as well.	\$955,950.03	66	10
19	<b>North Town Neighborhood Sidewalks</b>	3 <sup>rd</sup> Street 5 <sup>th</sup> Street 6 <sup>th</sup> Street 1 <sup>st</sup> Street Orchid Lane Las Palmaritas Drive	-	Sidewalks	A. Construct 5-foot sidewalks on 3 <sup>rd</sup> Street from 5 <sup>th</sup> Street to Orchid Lane. B. Construct 5-foot sidewalks on 5 <sup>th</sup> Street north of Las Palmaritas Drive. C. Construct 5-foot sidewalks on 6 <sup>th</sup> Street from Las Palmaritas Drive to Orchid Lane. D. Construct 5-foot sidewalks on 1st Street from Las Palmaritas Drive to Orchid Lane. E. Construct 5-foot sidewalks on Orchid Lane from 1 <sup>st</sup> Street to 6 <sup>th</sup> Street. F. Construct 5-foot sidewalks on Las Palmaritas Drive from Butler Drive to 6 <sup>th</sup> Street.	\$2,908,464.97	66	21

Rank	Project Name	Route(s)	Project limits	Project Type(s)	Project Description	Cost Estimate	Evaluation Criteria Score	Map ID
20	North Central Heights Neighborhood Sidewalks	Camino Vista Mountain View Road Vogel Avenue 1 <sup>st</sup> Ave 2 <sup>nd</sup> Drive 7 <sup>th</sup> Avenue	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on both sides of Camino Vista from Vogel Avenue to 3<sup>rd</sup> Drive.</li> <li>B. Construct 5-foot sidewalks on both sides of Mountain View Road from 3<sup>rd</sup> Drive to 7<sup>th</sup> Avenue.</li> <li>C. Construct a 5-foot sidewalk on the west side of 7<sup>th</sup> Avenue from Vogel Avenue to Mountain View Road.</li> <li>D. Construct 5-foot sidewalks on both sides of Vogel Avenue from 3<sup>rd</sup> Avenue to 6<sup>th</sup> Avenue</li> <li>E. Construct a 5-foot sidewalk on 1st Avenue from Hatcher Road to Vogel Avenue.</li> <li>F. Construct a 5-foot sidewalk on 2<sup>nd</sup> Drive from Hatcher Road to Vogel Avenue.</li> </ul>	\$1,184,195.80	65	17
21	Sunland Heights Neighborhood Sidewalks	Central Avenue 1 <sup>st</sup> Street 2 <sup>nd</sup> Street 2 <sup>nd</sup> Place 2 <sup>nd</sup> Way 3 <sup>rd</sup> Street	-	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 5-foot sidewalks on the east side of Central Avenue from Mountain View Road to Foothill Drive.</li> <li>B. Construct 5-foot sidewalks on both sides of 1<sup>st</sup> Street from Mountain View Road to Foothill Drive.</li> <li>C. Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Street from Mountain View Road to Foothill Drive.</li> <li>D. Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Place from Mountain View Road to Foothill Drive.</li> <li>E. Construct 5-foot sidewalks on both sides of 2<sup>nd</sup> Way from Mountain View Road to Foothill Drive.</li> <li>F. Construct 5-foot sidewalks on the west side of 3<sup>rd</sup> Street from Mountain View Road to Foothill Drive.</li> </ul>	\$2,231,877.71	64	16
22	12 <sup>th</sup> Street Improvements	12 <sup>th</sup> Street	12 <sup>th</sup> Street; Northern Avenue to Dunlap Avenue (1 mile)	Pedestrian crossing Curb ramps Bicycle facility	<ul style="list-style-type: none"> <li>A. Convert 28 existing curb ramps to be ADA-compliant by installing truncated domes at 10 intersections.</li> <li>B. Install high-visibility crosswalks, pedestrian crossing signage, wayfinding, and enhanced intersection lighting at the intersection of 12th Street and Northern Avenue.</li> <li>C. Install an RFB, high-visibility crosswalks, pedestrian crossing signage, and wayfinding at the intersection of Alice Avenue and 12<sup>th</sup> Street.</li> <li>D. Install high-visibility crosswalks, pedestrian crossing signage, and wayfinding at the intersection of Townley Avenue and 12<sup>th</sup> Street.</li> <li>E. Upgrade 5 existing bus stops on 12<sup>th</sup> Street to incorporate bike lane bypasses with signage.</li> </ul>	\$614,787.67	60	11
23	Mountain View Park Multi-Use Path	7 <sup>th</sup> Avenue	Mountain View Road to Cheryl Drive (1/4 mile)	Sidewalks	<ul style="list-style-type: none"> <li>A. Construct 10-foot multi-use path on the east side of 7<sup>th</sup> Avenue from Mountain View Road to Cheryl Drive.</li> </ul>	\$127,973.12	55	15

## **NEXT STEPS & IMPLEMENTATION TIMEFRAME**

The proposed recommendations in this plan are divided into three prioritization tiers: High, Medium, and Low. These categories should help the City coordinate these efforts with staffing plans and work plans.

### ***High-Tier Recommendations: 0-3 Years***

The first-tier of recommendations are generally corridors and intersections that are currently walkable and bikeable but may be aided by some low-cost improvements, such as network signage or crossing improvements. These projects should be completed in less than three years.

These projects involve little to no start-up costs or long-term organization. Many education and encouragement initiatives are proposed for near-term implementation to build support for later projects.

### ***Mid-Tier Recommendations: 3-5 Years***

Mid-tier recommendations are corridors and intersections where current conditions could be easily improved—with a moderate construction budget—to become more walkable and bikeable. Examples include corridors with low average daily traffic (ADT) and ample width to add bike lanes or shared lane markings, and intersections that are currently signalized but could be improved by curb extensions, transit shelters, local sidewalk completion, and other network amenities.

Although mid-tier completion is expected in three to five years, some projects require preliminary work in the near term. These projects may have initial start-up costs and coordination with community organizations. Mid-term projects generally involve more planning.

### ***Low-Tier Recommendations: 5-10+ years***

The third-tier recommendations are often complicated by jurisdictional issues or the balancing of regional network priorities. These recommendations may have other feasibility issues, such as high ADT or restricted road width or lack of available right-of-way.

These projects, expected to begin implementation between five and ten years, frequently depend on the completion of earlier projects and local support.

## **APPENDIX A: MA 12 CURRENT CONDITIONS REPORT**

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## **APPENDIX B: MOBILITY IMPROVEMENT PROJECT DETAILED COST ESTIMATES**

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## **APPENDIX C: MOBILITY IMPROVEMENT PROJECT PRIORITIZATION** **RESULTS**

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