

**PEDESTRIAN, BICYCLE and SHARED-USE FACILITY PROJECT APPLICATION**

**General Instructions:**

This Excel form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for Bicycle Projects to be included in the FY2014-FY 2018 MAG Transportation Improvement Program. Funding is available for Federal Fiscal Year (FFY) 2015, 2016 and 2017.

This application form includes:

- Part A - Contact and Project Description,
- Part B - Segment Description and Proposed Improvements,
- Part C - Total Project Budget and Schedule,
- Part D - Checklist and Signature Page, and Transmittal Instructions and Schedule.

Each part is a separate tab of this excel file. Please complete Parts A - D. Alternative application forms are available upon request.

**Deadlines and Transmittal Instructions:**

Two copies of a printed, complete and signed application must be received in the MAG offices by **10:00 a.m. Wednesday, September 19, 2012**. The application is to be submitted electronically and should include ArcGIS shape files depicting the project location if they are available.

**Detailed transmittal instructions are located in a separate tab** in this excel sheet. Late applications will not be accepted.

If member agencies need additional information or have questions, they should contact Teri Kennedy or Stephen Tate at (602) 254-6300 or contact them by e-mail at the following addresses:

- <mailto:state@azmag.gov>
- <mailto:tkennedy@azmag.gov>
- <mailto:MDeCindis@azmag.gov>

**All information is required, unless noted by the word - Optional.**

**PART A - CONTACT AND PROJECT DESCRIPTION**

<b>Contact Information</b>	
1. Sponsoring Agency	Surprise
2. Contact Name	Terry Lowe
3. Phone	623-222-6022
4. E-Mail Address	terry.lowe@surpriseaz.gov
5. Mailing Address	16000 N. Civic Center Plaza Surprise, AZ 85374

<b>Project Description</b> 6. Please provide the Project Title.	West Point Gap Study Sidewalk
7. Please provide a general description of the project (Please no more than 200 characters)	
Project will consist of construction of a 5 ft wide sidewalk and ADA ramps that will connect to Bell Road Retail shopping center.	
8. Please attach a map with streets labeled showing the location(s) of the bicycle/shared-use facility.	<b>Please attach map with transmittal</b>

**PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS**

This part of the form identifies the current characteristics and proposed improvements for each project.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

**CMAQ Funding Eligibility**

All Pedestrian, Bicycle and Shared-Use projects to be funded with federal CMAQ funds must be located in the 8-Hour Ozone Nonattainment Area. Please use the following link to verify that the project is in the nonattainment area.

[Links to 8-Hr Ozone Nonattainment Area Map](#)

**Section 1 - Project Description**

1. What is the type of bicycle project? (Check all that apply)

<input type="checkbox"/>	Bicycle lane (4' min. w/o curb/gutter)	<input type="checkbox"/>	Shoulder paving is within 4-miles of a PM-10 monitor
<input type="checkbox"/>	Bicycle lane (5' min. with curb/gutter)		<a href="#">Link MAG Webpage for Map of PM-10 Monitor Locations</a>
<input type="checkbox"/>	Shared-use path (10' min.)	<input type="checkbox"/>	Signalized crossing
<input type="checkbox"/>	Bridge (overpass)	<input type="checkbox"/>	Signalized midblock crossing/HAWK
<input type="checkbox"/>	Tunnel (underpass)	<input type="checkbox"/>	Mid-block crossing w/ pedestrian refuge
<input type="checkbox"/>	Paved shoulders (5' min.)	Other	<input type="text"/>

1a. What is the type of pedestrian project? (Check all that apply)

<input checked="" type="checkbox"/>	Sidewalk (5' min.)	<input type="checkbox"/>	Signalized crossing
<input type="checkbox"/>	Wide sidewalk (8' min.)	<input type="checkbox"/>	Signalized midblock crossing/HAWK
<input type="checkbox"/>	Detached sidewalk (4' min. buffer)	<input type="checkbox"/>	Mid-block crossing w/ pedestrian refuge
<input type="checkbox"/>	Bridge (overpass)	Other	<input type="text"/>
<input type="checkbox"/>	Tunnel (underpass)		

2. Please describe the facility on which the improvement will be located.

For a linear feature please enter the Facility Name, Starting Limit and Ending Limit. For a point feature (e.g. an intersection or crossing) please enter a Facility Name and a Crossing Feature.

West side of Westpoint Prakway from Greenway Road to Bell Road and north side of Staler Road from Litchfield Road to Westpoint Parkway

Federal Functional Classification of the Facility

[Link to MAG webpage for Federal Functional Classification Map](#)

Type of Facility the Improvement will be located on

Length (in Miles)

Posted Speed Limit (MPH)

Through Lanes

The application submission will include ArcGIS shapefiles.

3. Please provide a map, aerial map, graphics and photos that clearly show the segment alignment and features that connect to other bicycle facilities and that cross into or about the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.

4. Please provide a simple diagram of the current typical cross section, including widths, of the segment that shows the right of way limits, sidewalks and shoulders (if any), and the lanes of travel.

**PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS**

5. Please provide an estimated traffic volume (ADT) below.

ADT Estimate

Date Counted

Name of road the traffic count was taken from

Description of Methodology used for the ADT Estimate

6. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete. Describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

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7. Current ROW: (Check all that apply)

Agency owns all ROW Needed  
 ROW to be acquired  
 Owners will donate ROW

Agency owns easement  
 Agency has right-of-use (i.e. canal)  
 Condemnation may be required

8. Please describe any right of way issues associated with the project.

9. Current Utilities in or abutting the alignment: (Check all that apply)

No Utility in or abutting the alignment  
 Canals & Drainage  
 Power Lines & Cables

Pipelines, Sewer and Water  
 Private Structures  
Other

**PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS**

10. Please describe any utility conflicts that will need to be addressed.

None

**Section 2 - Proposed Improvements**

11. Please describe the work to be performed on the project:

Subgrade preparation, Construct 5 ft wide concrete sidewalk, ADA Ramps and parkway grading.

12. Guidelines used to develop project: (Check all that apply)

- AASHTO Guide for Bicycle Facilities
- MAG Pedestrian Policies and Design Guidelines
- MAG Complete Streets Guide

Other  City of Surprise Engineering Design Standards (EDS) for sidewalks will be followed. The EDS has adopted AASHTO and MAG design guidelines to meet the City requirements.

13. Why is this project an enhancement to the local and/or regional transportation system? Is this a one-time opportunity?

Providing sidewalks on both sides of the mile long West Point Parkway will provide enhancements in safety and accessibility for residents. Students, shoppers and those who choose to walk to their destination will enjoy safe access from the neighborhood along Westpoint Parkway to Litchfield Road which will potentially provide multi-modal access to all the municipalities to the south of Surprise. Both the Surprise General Plan and Parks and Trails Plan encourage interconnectivity to destinations such as schools, shopping and health care services as well as connectivity between municipalities.

14. Please describe the current surface condition of the proposed project

Existing surface is graded land due to the presence of landscaping. The dirt surface has been compacted due to residents walking.

15a. Safety improvements to be included for bike facilities: (Check all that apply)

- Wide bike lanes (6'-7')
- Grade-separated crossing (overpass or underpass)
- Signalized crossing
- Path lighting

Buffer Zone, Width

Other

15b. Safety improvements to be included for pedestrian facilities: (Check all that apply)

- Wide sidewalk (8' min.)
- Grade-separated crossing (overpass or underpass)
- Signalized crossing
- Path lighting
- Shade

Buffer Zone, Width

0-5

Other

**PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS**

16a. Number of convenience improvements to be included for bike facilities:

- Number of Drinking Fountains
- Number of Way-finding Signs
- Number of Bike racks/lockers
- Number of Trash receptacles
- Number of Seating/Rest(s)

Number of Trees/shade structures

Other

16b. Number of convenience improvements to be included for pedestrian facilities:

- Number of Drinking Fountains
- Number of Way-finding Signs
- Number of Trash receptacles
- Number of Seating/Rest(s)

Number of Trees/shade structures

Other

17. How does this project improve upon an existing safety issue?

Due to the presence of a continuous path, the sidewalk will prevent residents and wheelchairs crossing the roadway thereby preventing accidents with vehicles.

18. How does the project improve ADA facilities for persons with disabilities?

This project will allow for persons with disabilities access from their residential subdivision to existing and future commercial development.

19. Connectivity: (Check all that apply)

- Project fills a gap in the system
- Project connects to other local facilities

Project is on a regional facility  
Regional Facility Name

Multi Jurisdictional Project  
List of Participating Jurisdictions

Number of transit routes and Park & rides served.  
List: route number(s)/park & ride(s) served.

20. Total length of facility connected by this project (in miles)

Miles of facilities connected

**PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS**

21. Number of activity centers (parks, libraries, senior centers, recreational centers, etc.) this project will benefit:

Within 1/4 mile  
List:

1/4 mile to 1/2 mile  
List:

1/2 mile to 1 mile  
List:

22. Number of commercial destinations (malls, retail centers, business parks, etc.) and transit services (bus/rail routes, stops, and stations) this project will benefit:

Within 1/4 mile  
List:

1/4 mile to 1/2 mile  
List:

1/2 mile to 1 mile  
List:

23. Number of schools (public elementary, middle, and high schools, colleges, and universities) this project will benefit:

Within 1/4 mile  
List:

1/4 mile to 1/2 mile  
List:

1/2 mile to 1 mile  
List:

24. What are the demographics of the area served:

Housing Density (Number of dwelling units per acre) within 1/2 mile

The project is in a block group where the average household income is less than \$26,000/year (Use blockgroup data from the Census 2010)

The project is in an area that serves adults over the age of 60 years (Use blockgroup data from the Census 2010)

**PART B-PEDESTRIAN, BICYCLE & SHARED-USE PROJECT DESCRIPTION AND PROPOSED IMPROVEMENTS**

25. Jurisdiction has the following policies for improved bicycle/shared use facilities:

With new development and capital improvement projects, bike lanes on arterial streets are:	Not Addressed
With new development and capital improvement projects, bike lanes on collector streets are:	Not Addressed
With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	Not Addressed
With new development or during development retrofits, shared-use paths are:	Not Addressed
Bicycle program implemented, including bike education, safety events, and bike maps	Not Addressed
Complete Streets Policy	Not Addressed

26. The project is: (Check one)

- Identified in General Plan, council adopted policy, or Capital Improvements Program  
List:
- Consistent with general policy/practices, but not formally identified  
Explain
- Not addressed by jurisdiction's plans, policies, or practices

27. Describe how this project will be publicized to the general public.

28. How will you determine customer satisfaction/evaluation?

**PART C - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS**

Please provide a cost and programming estimate for the total project (e.g. the cost to complete all planned segment improvements). The design for the project should be programmed at least 1 year, preferably 2 years, prior to construction. Utilities and right of way should be programmed at least 1 year prior to construction, but may occur in the same year as construction depending on utility and right of way concerns that are identified in the segment description(s) in Part B(s).

Cost Estimate for the Project Including ALL Segments	Cost	Optional (Additional Notes)
1. ADOT Fee	20,000	None
2. Design	44,950	None
3. Right of way	0	None
4. Utilities	0	None
5. Construction	224,750	None
6. Contingency	22,475	None
7. Total Cost	312,175	None

8. Please attach a detailed cost estimate if available. [Link to MAG Webpage for Bike-Ped Cost Form](#)

9. Will the agency maintain the improvement after it is completed?

Yes
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10. Expected Annual Maintenance Cost

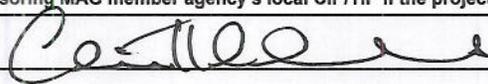
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Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
11. Design	2014	HURF	64,950	Not Available	64,950
12. Right of way and Utilities	2014	HURF	0	Not Available	0
13. Construction	2016	HURF	14,100	233,125	247,225
			79,050	233,125	312,175

Pedestrian, Bicycle and Shared-Use Facility Project Application from Surprise for 'West Point Gap Study Sidewalk'

**PART D - SIGNATURE AND CHECKLIST**

As the jurisdiction's manager/administrator or designated representative, I certify that this application is accurate and complete and that the project will be included in the sponsoring MAG member agency's local CIP/TIP if the project is selected for federal funding.

Signature: 

Name: Chris Hillman

Title: City Manager

Date: 9/18/12

**WILL FILL OUT AFTER QUESTIONS APPROVED.**

**Checklist - OPTIONAL**

This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed.

<b>PART A - Contacts and Project Description Fields</b>	<b>Complete?</b>
Contact Information, fields 1 – 5 are complete	
Project Description, fields 6 - 7 are complete	
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	
<b>PART B - Segment Description and Proposed Improvements Fields</b>	<b>Complete?</b>
<b>Project Description, Section 1</b>	
Fields 1 - 2 are complete	
Field 3 – segment alignment map is provided in the printed application. Please attach PDF file in the electronic submittal.	
Field 4 - please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal.	
Fields 5 – 10 are complete	
<b>Proposed Improvements, Section 2</b>	
Fields 11 – 28 are complete	
<b>PART C - Total Project Schedule and Budget Including All Segment Fields</b>	<b>Complete?</b>
Fields 1 – 7 are complete	
Field 8 - please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal.	
Field 9 - 10 are complete	
Fields 11 – 13 Years are complete	
Fields 11 – 13 Local Funding Sources are complete	
Fields 11 – 13 Local Costs are complete	
Field 11 - 13 Federal Costs are complete	
<b>PART D - Signature Page Fields</b>	<b>Complete?</b>
Form is signed	
Name, title and date fields are completed.	

Pedestrian, Bicycle and Shared-Use Facility Project Application from Surprise for 'West Point Gap Study Sidewalk'





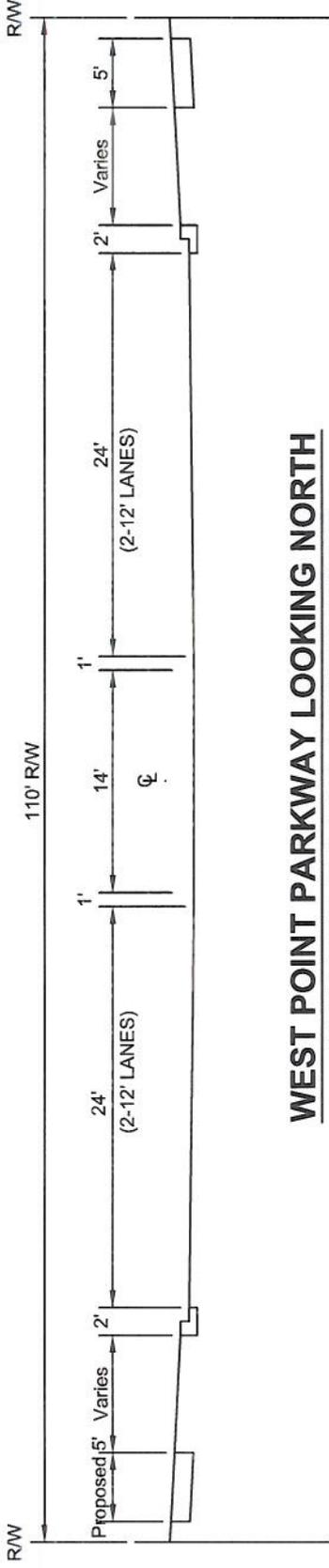


Dysart Road

Bell Road

Greenway Road

Litchfield Road



**WEST POINT PARKWAY LOOKING NORTH**  
**STATLER ROAD LOOKING WEST**  
**CROSS SECTION**





