



Transportation Alternatives / CMAQ Application for
FY 2021 and FY 2022 Projects

Surprise Bike Share Program

City of Surprise

**APPLICATIONS ARE DUE AT MAG OFFICES BY
Monday, September 25, 2017 at 10:00 a.m.**

(LATE AND/OR INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED)

Surprise: Surprise Bike Share Program

PART A - CONTACT AND PROJECT DESCRIPTION	
Contact Information	
1. Name of Sponsoring Agency	Surprise
2. Agency Contact Name	Martin Lucero
3. Phone Number of Agency Contact	623-222-3142
4. E-Mail Address of Agency Contact	martin.lucero@surpriseaz.gov
5. Mailing Address of Agency Contact	Community Development Department 16000 N. Civic Center Plaza Surprise, AZ 85379
Project Description	
6. Please provide the Project Title.	Surprise Bike Share Program
7. Please provide a concise, specific description of the project (250 character limit):	
<p>This Program will provide convenient and comfortable shared bicycles for residents and visitors to use between the Civic Center, Ottawa University, WestMEC, major retail centers, the entertainment district and the Surprise Park and Ride. This initial program will include 50 bicycles, 80 bicycle racks, and 10 bike share kiosks. The Scope will also include the procurement and installation of Bike Share equipment.</p>	
8. Please provide the project limits:	
<p>Bike Share kiosks and bicycle racks will be placed at 10 locations within close proximity to the Civic Center and Ottawa University, major commercial and recreation centers, Surprise Stadium, and the West Maricopa Education Center (WestMEC).</p>	

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PART B-DETAILED PROJECT DESCRIPTION

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.

NOTE: For Part B, Questions 14-20, the specified distance will vary (and update automatically) depending on the project type identified in Part B, Question 1. Pedestrian-only projects will use a distance of 1/4 mile, while bicycle and Shared-Use projects will use a distance of 1/2 mile.

1. Please select which funding source(s) this project is applying for. Check all that apply.

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

2. What type of project is this? (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) | <input type="checkbox"/> Wide Sidewalk (8' min.) |
| <input type="checkbox"/> Buffered Bike Lane | <input type="checkbox"/> Detached Sidewalk with 4' min. buffer |
| <input type="checkbox"/> Protected Bike Lane | <input type="checkbox"/> Signalized Crossing |
| <input type="checkbox"/> Shared-use path (10' min.) | Other: |
| <input type="checkbox"/> Sidewalk (5' min.) | <input type="text" value="Procure and install bike share program equipment"/> |
| <input checked="" type="checkbox"/> Planning Study | |

3. What other major elements are included in this project? (Check all that apply)

- | | |
|--|----------------------|
| <input type="checkbox"/> Bridge (overpass) | Other: |
| <input type="checkbox"/> Tunnel (underpass) | <input type="text"/> |
| <input type="checkbox"/> Signalized midblock crossing/HAWK | |
| <input type="checkbox"/> Countdown Pedestrian Signal | |

4. What amenities are included in this project?

- | | |
|---|--|
| <input type="text" value="80"/> Number of Bike racks/lockers | <input type="checkbox"/> Number of Seating/Rest Area(s) |
| <input type="checkbox"/> Number of Drinking Fountains | <input type="checkbox"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Way-finding Signs | <input type="checkbox"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Trash receptacles | Other: |
| <input type="checkbox"/> Number of Trees | <input type="text" value="50 bicycles and 10 bike share kiosks"/> |
| <input type="checkbox"/> Number of new openings in street walls | |
| <input type="checkbox"/> Number of Shade Structures | |

5. Please describe the existing condition of the project site and any problem(s) being addressed.

The City of Surprise has two new institutions of higher learning beginning this school year and wishes to provide those students who may not have a vehicle on campus with a viable alternative transportation mode. Surprise attracts a sizable number of visitors during Spring Training, Tennis Tournaments, and other special events throughout the year. These visitors currently must drive or walk to local retail, entertainment, and restaurant establishments. The bike share program would be a convenient and fun transportation alternative that reduces vehicle emissions, minimizes traffic congestion, saves time, and improves public health.

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PART B-DETAILED PROJECT DESCRIPTION

6. Please describe the work being done and improvements being made as part of this project.

Bicycle transportation has been a hot topic in Surprise for the past few years. Safe Routes to School studies and maps for all Dysart Unified Schools and 3 charter schools have been funded through Transportation Alternatives funds over the last 3 years. Design for the Bullard Avenue Protected Bike Lanes Project is nearing completion and construction is scheduled to begin Spring 2018. The City of Surprise recently completed a Design Assistance project which included a 10-foot wide multi-use path along Grand Avenue. The Surprise Bicycle and Pedestrian Master Plan was selected for funding during the August meeting of the MAG Bicycle and Pedestrian Committee. All these projects have one common goal: to continuously improve the safety and convenience of bicyclists and pedestrians. The proposed bike share program is consistent with and builds upon the work that is being done in Surprise.

7. What do you hope to achieve with this project?

The City's goal to provide an affordable and convenient transportation alternative to the students of Ottawa University and WestMEC, seasonal visitors and residents to visit commercial/retail/dinning establishments along Bell Road, the Civic Center, and recreation areas. The proposed 10 bike share kiosk locations will be located near the busiest and most popular destinations in the City, helping to generate additional economic activity. Two bike share kiosks will be located in the Surprise Original Town Site (OTS), which is a neighborhood with a high level of non-vehicle ownership. This project will give greater mobility and accessibility to those residents.

8. Safety improvements to be included for this project: (Check all that apply)

- Medians with pedestrian crossing islands
- Roadway Reconfiguration (Road Diet)
- Striping/re-striping to narrow vehicle lanes
- Color pavement or similar treatment
- Lighting
- Landscape buffer between sidewalk and roadway
- Rectangular Rapid Flash Beacon (RRFB)
- Driver Feedback Sign

Other

9. Does this project include a road safety education component?

- Yes
- No

Please Explain:

This project will be incorporated into the Drive Wise Surprise roadway safety campaign

10. How does this project or planning study address safety?

This project will be incorporated into the Drive Wise Surprise roadway safety campaign. This campaign addresses safety by raising awareness of all road uses, discourage distracted driving, speeding and tailgating, and encourages sharing the road with bicycles and pedestrians.

Surprise : Surprise Bike Share Program

PART B-DETAILED PROJECT DESCRIPTION

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

n/a

12. Describe how this project will improve access from nearby neighborhoods and/or adjacent uses:

This project will greatly improve access for students and staff of Ottawa University and WestMEC and Civic Center employees to visit nearby destinations without the need to drive and contend with traffic and parking. bike share kiosk locations will be placed near some of the most popular destinations in the City. Also, two bike share kiosk are planned to be located within Surprise Original Town Site (OTS), a neighborhood with a very high level of non-vehicle ownership. This project will significantly improve their accessibility to local commercial and recreation destinations.

13. How does the project create a sense of place?

Bike share will create and enhance the sense of place, especially around the Surprise Center, which includes the Civic Center, Ottawa University, Surprise Tennis Center, and the retail/commercial center directly north of the Civic Center, as the City is currently constructing a direct connection between these destinations. Using bike share creates a sense of place by allowing the rider to interact more closely with his/her surroundings and other pedestrians and bicyclists. As Surprise Center is developed bike share will be a critical component of its development.

14. Connectivity: (Check all that apply)

Project fills a gap in the system
Explain:

This bikeshar project fills a gap in the availability of travel modes for those without a motor vehicle or chooses to travel via bicycles.

Project connects to other local bikeways
List of connected bikeways:

Most of the proposed bike share kiosk locations are along roadways that have bike lanes or multi-use paths; ie: Litchfield Road, Civic Center Drive, Bullard Avenue, and Paradise Lane.

Multi Jurisdictional Project (please include letter of support (See Part C)
List of Participating Jurisdictions:

13 Total length of bikeways directly connected by this project (in miles)

15. Number of transit stops this project will connect to. Do NOT count major transit facilities (park and rides, transit centers, etc.) in this question. List associated route(s) and their peak frequency, using Valley Metro as the source.

0 Within 1/4 mile

16. Number of transit routes serviced by the transit stops in question 15 that this project will connect to. List associated route(s) and their peak frequency, using Valley Metro as the source.

1 Within 1/4 mile
List routes and frequency:

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PART B-DETAILED PROJECT DESCRIPTION

Route 571 Surprise Express - Monday - Friday. Four inbound trips in the morning, four outbound trips in the evening.

17. Number of major transit facilities (park and rides, transit centers, etc.) served by this project:

1 Within 1/4 mile

List:

Surprise Park and Ride. 13327 W. Bell Road.

18. Number of non-commercial activity centers (parks, libraries, senior centers, recreational centers, etc.) this project will benefit:

16 Within 1/4 mile

List:

Surprise City Hall, Tennis Center, Surprise Park, Northwest Regional Library, Surprise Aquatics Center, Ottawa University, Maricopa County Superior Court, Surprise Stadium, Uptown Alley, WestMEC, Villaneuva Community Center, Hollyhock Pool, Hollyhock Library, Surprise Senior Center, Floyd Gaines Park, WHAM Community Art Center.

19. Number of commercial and employment destinations (malls, retail centers, business parks, etc.) this project will benefit (for example, a mall is ONE destination; do NOT count every store in a mall as a separate destination):

7 Within 1/4 mile

List:

Surprise Town Center, Surprise Marketplace, Crossroads, Surprise City Hall, Maricopa County Superior Court, Surprise Pointe, Surprise Crossing.

20. Number of K-8 public schools this project will benefit:

1 Within 1/4 mile

List:

Parkview Elementary School.

21. Number of other schools (charter schools, high schools, colleges, and universities) this project will benefit:

5 Within 1/4 mile

List:

Arizona Charter Academy, Ottawa University, WestMEC, Valley Vista High School, Jumpstart Childcare & Learning Center.

22. Number of activity centers for air quality cost effectiveness (i.e. bank, church, hospital, health care facility, light rail station, park-and-ride lot, office park, post office, public library, shopping area, grocery store, university or junior college):

19 Within 1/4 miles

List:

Bank of America, Sprouts Famer's Market, BBVA Compass Bank, Surprise Marketplace, Surprise Park and Ride, US Post Office on Dysart Road, WestMEC, Aspire Church, Iglesia De Dios Pentecostal, Northside Market, Hollyhock Library, Arizona Business Bank, Northwest Regional Library, Ottawa University, Comerica Bank, Dignity Health Emergency Room, Kohl's shopping center, Surprise Marketplace, Surprise Town Center.

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PART B-DETAILED PROJECT DESCRIPTION

9 1/4 miles to 1/2 miles
List:

Mountain of Life Pentecostal, Cindy's Mni Market, First Country Church, Hollyhock Library, Jerusalem MB Church, Rio Salado College Lifelong Learning Center, Arizona Motor Vehicle Division, Banner Health Center, Shepherd of the Valley Church.

23. What are the demographics of the area served: [MAG Demographic Mapping](#)

2,200 People Per Square Mile
19803/9

16.4 % Families in Poverty

Use the MPO/COG Demographic Mapping link above. Zoom in to your project area. On the right-hand side of the screen, under "Reporting," select "Custom Summary." Next, select "Corridor of Interest." Left-click to begin drawing. Draw a line through all census block groups adjacent to your project, left-clicking where needed to change the direction of the line. Double-click to finish drawing the line. The selected census block groups will become highlighted in blue. A pop-up box will appear with "Results for Selected Block Groups." Select the "Summary Report" tab, and use the data found there. You may export the results to Excel (click the printer icon at the top-right side of the pop-up window) for your records.

24. Please provide the following information on the facility on which the improvement will be located.

For a linear project, please enter the Facility Name, Starting Limit and Ending Limit:

Ten (10) bike share kiosks will be located at within the City. Kiosks will be located along Bell Road, Grand Avenue, Bullard Avenue, and Litchfield Road.

For a point project (e.g. an intersection or crossing), please enter a Facility Name and a Crossing Feature:

bike share kiosk locations will be located at 10 (ten) different locations in the City. Please see map in attachment for locations.

Federal Functional Classification of the Facility:

Principal Arterial

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

Type of Facility the Improvement will be located on:

Arterial Road

Length (in Miles)

n/a Posted Speed Limit (MPH)

n/a Number of Travel Lanes Before Project

n/a Number of Travel Lanes After Project

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PART B-DETAILED PROJECT DESCRIPTION

25. Please provide an estimated traffic volume (ADT) on the nearest parallel arterial.

ADT Estimate

Date Counted

Name of road the traffic count was taken from

52,078 ADT on Bell Road between Dysart Road and RH Johnson Blvd
 7,628 ADT on Bullard Avenue between Greenway Rd and Paradise Ln
 32,000 ADT on Grand Avenue
 18,161 ADT on Litchfield Road between Waddell Rd and Cactus Rd.

Description of Methodology and Source used for the ADT Estimate

ADT Counts on Bell Rd, Bullard Ave, and Litchfield Rd taken by Field Data Services of Arizona in April 2017.
 ADT on Grand Avenue taken from ADOT website. Count year 2015.

26. 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.

There are no known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on this project.

27. 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

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

Four of the ten locations will be on City owned properties. Agreements will be made between the City and the private property owners to install bike share kiosks on private property. No ROW will be acquired.

29. Please indicate whether all parcels for this project have been inventoried.

Yes

No

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PART B-DETAILED PROJECT DESCRIPTION

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

<input checked="" type="checkbox"/>	No Utility in or abutting the alignment	<input type="checkbox"/>	Private Structures
<input type="checkbox"/>	Canals & Drainage		
<input type="checkbox"/>	Power Lines & Cables	Other:	
<input type="checkbox"/>	Pipelines, Sewer and Water	<input type="text"/>	

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

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

<input checked="" type="checkbox"/>	AASHTO Guide for Bicycle Facilities	<input type="text" value="Other:"/>
<input type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	
<input checked="" type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input type="checkbox"/>	MAG Valley Path Brand & Wayfinding Signage Guidelines	
<input checked="" type="checkbox"/>	NACTO Urban Bikeway Design Guide	
<input type="checkbox"/>	RPTA Bus Stop Program and Standards	

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

With new development and capital improvement projects, bike lanes on arterial streets are:	<input type="text" value="Required"/>
With new development and capital improvement projects, bike lanes on collector streets are:	<input type="text" value="Required"/>
With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	<input type="text" value="Required"/>
With new development or during development retrofits, shared-use paths are:	<input type="text" value="Recommend"/>
Bicycle program implemented, including bike education, safety events, and bike maps	<input type="text" value="No"/>
Complete Streets Policy	<input type="text" value="No"/>

34. The project is: (Check one)

Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)
List:

Consistent with general policy/practices, but not formally identified (provide source)
Explain:

Not addressed by jurisdiction's plans, policies, or practices
Explain:

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PART B-DETAILED PROJECT DESCRIPTION

35. How will the applicant measure the success of this project?

Success of this project will be measured by bike share utilization and ridership. The City anticipates collecting this data through the smartphone app.

36. Will bicycle/pedestrian count technology be incorporated? Will the devices broadcast automatic updates or require manual data collection? If manual, how will the agency identify staff resources to dedicate to collecting the data?

The total rideship, frequency, time, and duration of each use of bike share bicycles will be gathered by and collected from the smartphone app.

37. Will the project include an education/marketing component upon completion of construction, to publicize the project and increase citizen awareness of the project impact and benefits? If yes, please describe below.

Marketing and education of the bike share program will be distributed to the Ottawa University, WestMEC, Surprise Stadium, local libraries, recreation facilities, and local businesses. bike share will be promoted at various events in the City, such as the annual Surprise Fiesta Grande, the annual Surprise Party, and other city sponsored events.

38. Will the project include wayfinding signage elements? If yes, please describe below.

Large maps of the location of each bike share kiosk will be displayed along with bike lanes, multi-use paths, and local points of interest.

Part C - Required Attachments
<p>Listed below are the required attachments for this project application. These attachments are intended to demonstrate the need of the project. They should clearly show the segment alignment and features that connect to other bicycle, pedestrian, and/or shared-use facilities, as well as washes, canals, railroad crossings, and other crossing features that may affect the project.</p> <p><u>PLEASE INCLUDE EACH ATTACHMENT AS A SEPARATE .JPEG OR .PDF FILE ON YOUR APPLICATION CD.</u></p> <p>Please insert ALL attachments at the end of your printed application, in the order they are listed below. See below for alternate submission requirements for GIS coverage files.</p>
Required Attachments:
<p>1) Please attach a map showing the general location of the proposed project in relation to the region, including a north arrow.</p>
<p>2) Please attach a map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow.</p>
<p>3) Please attach up to four photos indicating existing conditions in the project area (two 4x6 photos per page).</p>
<p>4) Please attach a simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel.</p>
OPTIONAL Attachments:
<p>(OPTIONAL) Attach up to two photos showing what the completed project will look like, if available (these can be photoshop, renderings, etc.).</p>
<p>(OPTIONAL) Attach up to three (3) letters of support for the project.</p>
<p>(OPTIONAL) If the applicant will be providing a GIS coverage (shapefile or geodatabase), please see the tab labeled "GIS Transmittal Instructions"</p>

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PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:	Project Title:	Application Date:
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)	
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY	LS	1		\$0.00	No	\$0.00	\$0.00		
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$5,000.00	\$5,000.00	No	\$0.00	\$5,000.00		
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1		\$0.00	No	\$0.00	\$0.00		
	4. HAZMAT ASSESSMENT	LS	1		\$0.00	No	\$0.00	\$0.00		
	Subtotal Scoping (Part A)					\$5,000.00		\$0.00	\$5,000.00	
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1		\$0.00	No	\$0.00	\$0.00		
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1		\$0.00	No	\$0.00	\$0.00		
	3. DRAINAGE REPORT	LS	1		\$0.00	No	\$0.00	\$0.00		
	4. SWPPP	LS	1		\$0.00	No	\$0.00	\$0.00		
	Subtotal PE (Part B)					\$0.00		\$0.00	\$0.00	
Subtotal Preliminary Engineering (Part A + Part B)					\$5,000.00		\$0.00	\$5,000.00		
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS	1		\$0.00	No	\$0.00	\$0.00		
Subtotal Right-of-Way Acquisition (Part C)					\$0.00		\$0.00	\$0.00		
D. Utility Relocation	1. Utility Relocation	LS	1		\$0.00	No	\$0.00	\$0.00		
Subtotal Utility Relocation (Part D)					\$0.00		\$0.00	\$0.00		
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	1. Hardscape Construction	Installation Of SWPP Measures		LS	1		\$0.00	Yes	\$0.00	\$0.00
		Site Preparation		LS	1		\$0.00	Yes	\$0.00	\$0.00
		Demolition	Sawcut	LF	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Structures and Obstructions	LS	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Fencing	LF	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Structural Concrete	CY	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Asphaltic Concrete Pavement	CY	1		\$0.00	Yes	\$0.00	\$0.00
			Remove Concrete Sidewalks, Slabs	CY	1		\$0.00	Yes	\$0.00	\$0.00
		Hazmat Abatement		LS	1		\$0.00	Yes	\$0.00	\$0.00
		Retaining Wall - Reinforced Concrete Cantilevered		SF	1		\$0.00	Yes	\$0.00	\$0.00
		Earthwork	General Excavation	CY	1		\$0.00	Yes	\$0.00	\$0.00
			Drainage Excavation	CY	1		\$0.00	Yes	\$0.00	\$0.00
			Structural Excavation	CY	1		\$0.00	Yes	\$0.00	\$0.00
			Structural Backfill	CY	1		\$0.00	Yes	\$0.00	\$0.00
			Borrow (In Place)	CY	1		\$0.00	Yes	\$0.00	\$0.00
		Curb & Gutter		LF	1		\$0.00	Yes	\$0.00	\$0.00
		Aggregate Base		CY	1		\$0.00	Yes	\$0.00	\$0.00
		Pathway Or Sidewalk Materials	Concrete	SF	1		\$0.00	Yes	\$0.00	\$0.00
			Colored Concrete	SF	1		\$0.00	Yes	\$0.00	\$0.00
			Stamped Color Concrete	SF	1		\$0.00	Yes	\$0.00	\$0.00
			Precast Concrete Pavers	SF	1		\$0.00	Yes	\$0.00	\$0.00
			Asphaltic Concrete	Ton	1		\$0.00	Yes	\$0.00	\$0.00
			Polymer or Resin Stabilized Surface	SF	1		\$0.00	Yes	\$0.00	\$0.00
		Crosswalk Enhancement	Concrete Pavers	SF	1		\$0.00	Yes	\$0.00	\$0.00
			Stamped Asphalt	SF	1		\$0.00	Yes	\$0.00	\$0.00
Stamped Concrete	SF		1		\$0.00	Yes	\$0.00	\$0.00		
Concrete	SF		1		\$0.00	Yes	\$0.00	\$0.00		
Integral Color Concrete	SF		1		\$0.00	Yes	\$0.00	\$0.00		

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PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:		Project Title:		Application Date:	
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)	
	Pedestrian ADA Ramp	SF	1		\$0.00	Yes	\$0.00	\$0.00		
	Culvert Extensions	LF	1		\$0.00	Yes	\$0.00	\$0.00		
	Pedestrian Lighting Including Conduit And Trenching	Each	1		\$0.00	Yes	\$0.00	\$0.00		
	Handrail	Standard	LF	1	\$0.00	Yes	\$0.00	\$0.00		
		Decorative	LF	1	\$0.00	Yes	\$0.00	\$0.00		
	Subtotal Hardscape Construction				\$0.00		\$0.00	\$0.00		
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	2. Landscaping & Irrigation Items	Requirements	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Trees (15 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Trees (5 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (5 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (1 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Cactus (5 Gallon Size)	Each	1		\$0.00	Yes	\$0.00	\$0.00	
		Mulch	Decomposed Granite	CY	1		\$0	Yes	\$0	\$0
			Organic	CY	1		\$0	Yes	\$0	\$0
		Topsoil	CY	1		\$0	Yes	\$0	\$0	
		Seeding	Acre	1		\$0	Yes	\$0	\$0	
		Turf Sod	SY	1		\$0	Yes	\$0	\$0	
		Boulders	Each	1		\$0	Yes	\$0	\$0	
		Irrigation System	Drip	SF	1		\$0	Yes	\$0	\$0
			Turf	SF	1		\$0	Yes	\$0	\$0
		Sleeving For Irrigation System	Directional Bore	LF	1		\$0	Yes	\$0	\$0
	Cut and Patch		LF	1		\$0	Yes	\$0	\$0	
	Landscape Header Curb	LF	1		\$0	Yes	\$0	\$0		
	Landscape Establishment	LS	1		\$0	Yes	\$0	\$0		
	Subtotal Landscaping & Irrigation Items					\$0		\$0	\$0	
	3. Site Furnishings	Benches	Each	1		\$0	Yes	\$0	\$0	
		Seatwalls	LF	1		\$0	Yes	\$0	\$0	
		Bike Racks	Each	1		\$0	Yes	\$0	\$0	
		Trash Receptacles	Each	1		\$0	Yes	\$0	\$0	
		Drinking Fountains	Each	1		\$0	Yes	\$0	\$0	
		Signage (Standard Traffic Control)	Each	1		\$0	Yes	\$0	\$0	
		Signage (Wayfinding)	Each	1		\$0	Yes	\$0	\$0	
		Tree Grates	Each	1		\$0	Yes	\$0	\$0	
		Subtotal Site Furnishings					\$0		\$0	\$0
		4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Bicycle and Pedestrian Counter	Each	1		\$0	Yes	\$0	\$0
	Bikeshare Bicycles (incl. assembly, shipping, parts kit)			50	\$2,150	\$107,500	Yes	\$101,373	\$6,128	
	Bikeshare Kiosks (incl. Site prep, base plate, shipping, system map)			15	\$754	\$11,310	Yes	\$10,665	\$645	
	Bikeshare Station Large Map Signs/Base			10	\$3,465	\$34,650	Yes	\$32,675	\$1,975	
	Solar Bikeshare Payment Kiosk (incl. base plate, shipping, map, assembly)			5	\$14,500	\$72,500	Yes	\$68,368	\$4,133	
				1		\$0	Yes	\$0	\$0	
				1		\$0	Yes	\$0	\$0	
			1		\$0	Yes	\$0	\$0		
			1		\$0	Yes	\$0	\$0		
Subtotal Other Construction						\$225,960		\$213,080	\$12,880	

Surprise: Surprise Bike Share Program

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:		Project Title:		Application Date:	
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Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
	5. Mobilization And Administration Costs	Contractor Mobilization	1		\$0	No	\$0	\$0	
		Traffic Control	1		\$0	Yes	\$0	\$0	
		Construction Survey & Layout	1		\$0	Yes	\$0	\$0	
		Construction Contingencies	1		\$0	Yes	\$0	\$0	
		Construction Administration	1		\$0	Yes	\$0	\$0	
		Subtotal Mobilization & Administration Costs				\$0		\$0	\$0
	Subtotal Construction Or Implementation Cost (Part E)				\$225,960		\$213,080	\$12,880	
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)					\$230,960		\$213,080	\$17,880	
G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,0000					\$30,000	No	\$0	\$30,000	
H. Total Project Cost Including ADOT Fees (Part F + Part G)					\$260,960		\$213,080	\$47,880	

Surprise: Surprise Bike Share Program

PART E - TOTAL PROJECT SCHEDULE AND BUDGET

Please verify that the cost and programming estimates for the total project are correct below. The numeric values on this sheet (in GREY) are automatically populated from the cost estimate sheet (Part D) and cannot be modified. If there are any errors in the numeric values on this sheet, please verify and correct the numbers you have entered into the cost estimate sheet (Part D). You MUST fill in the GREEN portions of Part E manually.

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 questions 24-27 in Part B.

Cost Estimate for the Project Including ALL Segments	Cost	Additional Notes (if needed)
1. ADOT Fee	\$30,000	
2. Design	\$5,000	
3. Right of way	\$0	
4. Utilities	\$0	
5. Construction	\$225,960	
6. Contingency	\$0	No more than 20% of Construction Cost
7. Total Cost	\$260,960	

8. Will the agency maintain the improvement after it is completed? No

9. Expected Annual Maintenance Cost 30,000

10. Identify Source of Maintenance Funds Maintenance and operating funds will be covered by private bikeshare operator through Contract.

Requested MAG Programming	Year	Short Work Description (E.g. Construct Multiuse Path)	Local Funding Source	Local Cost	Federal Cost	Total Cost	Local Share
11. Design (Optional)	2020	Bikeshare Station Siting		\$5,000	Not Available	\$5,000	100.0%
12. Right of way (Optional)				\$0	Not Available	\$0	
13. Utilities (Optional)				\$0	Not Available	\$0	
14. Other (Optional)		ADOT Fee		\$30,000	Not Available	\$30,000	100.0%
15. Construction	2021	Bikeshare Equipment (Bikes, Racks, Kiosks, Map Signs)		\$12,880	\$213,080	\$225,960	5.7%
16. Total Costs				\$47,880	\$213,080	\$260,960	18.3%

PART F - SIGNATURE AND CHECKLIST

Checklist

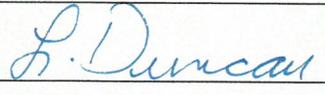
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

COVER SHEET	C
Cover Sheet is completely filled out	
PART A - Contacts and Project Description Fields	C
Contact Information, fields 1 – 5 are complete	
Project Description, fields 6 - 8 are complete	
PART B - Project Description	C
Fields 1 - 14 (Project Description) are complete	
Fields 15 - 17 (Transit) are complete	
Fields 18 – 22 (Attractors and Demographics) are complete	
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	
PART C - Required Attachments	C
Field 1 - Map showing the general location of the proposed project in relation to the region, including a north arrow provided in the printed application and the PDF application.	
Field 2 - Map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow provided in the printed application and the PDF application.	
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	
Field 4 - Simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel in the printed application and the PDF application.	
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	
PART D - Cost Estimate Worksheet	C
Sponsoring Agency, Project Title, and Application Date are complete	
Part A - Scoping is complete	
Part B - Final Preliminary Engineering Design is complete	
Part C - Right-of-Way Acquisition is complete	
Part D - Utility Relocation is complete	
Part E - Construction or Implementation is complete	

Field 11 - 15 Federal Costs are complete and accurate	Yes
Field 16 Total Costs are complete and accurate	Yes
PART F - Signature and Checklist	Complete?
Entire checklist is completed.	Yes
Form is signed by MAG member agency's manager/administrator or designated representative.	Yes
Name, title and date fields under the signature are completed.	Yes

SIGNATURE(S):

As the MAG member agency'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:	Lindsey Duncan
Title:	Finance Director
Date:	9/22/2017

Attachment 1 – Regional Map
Surprise Bike Share Program



Attachment 2 – Project Location

Surprise Bike Share Program



Attachment 3 – Existing Condition

Surprise Bike Share Program







OFFICE OF MAYOR
CITY OF SURPRISE
16000 N. CIVIC CENTER PLAZA
SURPRISE, AZ 85374
T. 623-222-1300

September 21, 2017

Mr. Jason Stephens
Maricopa Association of Governments
302 North First Avenue, Suite 300
Phoenix, AZ 85003

RE: City of Surprise Transportation Alternatives/CMAQ Application for a Bike Share Program

Dear Mr. Stephens;

As Mayor of the City of Surprise, I fully support the City's Bike Share Program funding request. This application would fund a Bike Share Program that would be enjoyed by all Surprise residents as they seek alternative transportation modes that are sustainable, cost-effective, and fun.

Surprise is proud to be the new home of Ottawa University Arizona (OUAZ). Currently there are more than 400 college students who live and attend classes within 1.5 miles of some of the most popular destinations in the City. (That number is expected to grow to more than 3,000 students within the next 10 years.) The City of Surprise is also the Spring Training home of the Kansas City Royals and the Texas Rangers. Each Spring thousands of visitors flock to Surprise to watch their favorite baseball teams. Combine these with the rapid growth of the City, and I believe a Bike Share program would be very well received and utilized. A Bike Share Program is in line with the City Council's goal to develop a safe and convenient network for bicycle travel between various land uses.

My office looks forward to working with all stakeholders and MAG as a crucial stakeholder in this importation project.

I hope you find this grant application worthy of funding, and I would be happy to provide any additional information regarding how I may be able to assist in this project.

Sincerely,

A handwritten signature in black ink that reads "Sharon R. Wolcott". The signature is written in a cursive style.

Mayor Sharon Wolcott
City of Surprise



Office of the City Council
16000 N. Civic Center Plaza
Surprise, AZ 85374
Ph 623-222-1300
Fax 623-222-1301

September 21, 2017

Jason Stephens
Maricopa Association of Governments
302 North First Avenue, Suite 300
Phoenix, AZ 85003

RE: City of Surprise Transportation Alternative/CMAQ Application for a Bike Share Program

Dear Mr. Stephens;

It is my pleasure to support the City of Surprise's Bike Share Program funding requests. Bicycle sharing would be a great program for our residents and visitors young and old to travel between the Civic Center, adjacent retail centers, Ottawa University, Surprise Stadium, and other popular public and private facilities.

As a Councilmember in District 5, I firmly support this grant application. I trust that you also recognize the tremendous benefit to local businesses, traffic congestion mitigation, public health, and the formation of an authentic local character. Shared bicycles would be affordable, easy-to-use, and available to all who enjoy a quick bike ride to their favorite places. I certainly hope that you find this an important project worthy of funding.

Thank you in advance for your consideration. If I can provide any additional information, please do not hesitate to contact me at 623.222.1300.

Many Thanks,

A handwritten signature in black ink that reads "Skip Hall". The signature is fluid and cursive.

Skip Hall
Councilman, District 5
City of Surprise

September 15, 2017

Mr. Jason Stephens
Maricopa Association of Governments
302 N. 1st Avenue, Suite 300
Phoenix, AZ 85003

RE: City of Surprise Bike Share Project

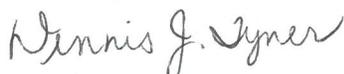
Dear Mr. Stephens,

Among other factors, Ottawa University's decision to build a new residential campus in Surprise, AZ was largely due to the city's commitment to a strong partnership with our institution. Since we arrived in January, 2017, we have worked side-by-side with members of their staff to brainstorm ideas and implement ways in which our students can have the finest college experience imaginable. As co-inhabitants of the city's 250-acre "campus," our students have easy access to their many resources, and they have been taking advantage of them since their first days with us.

Ottawa University has been a private, non-profit, liberal arts institution since its founding in 1865, and we pride ourselves in preparing our students for lives of significance. From the very beginning when Ottawa University offered free education to children of the Ottawa tribe, the institution has always provided an opportunity for many first generation students to pursue a college degree. The challenge these students face, however, is that they typically arrive at our school with limited resources available to them. Because of that, Ottawa University has a larger percentage of students enrolled at the school who do not own a motor vehicle. So, when I learned of the city's interest in starting the Bike Share Project, I immediately thought about the number of students on our campus who don't have access to their own transportation, yet who could benefit by having the kind of access to bicycles that this Project could provide.

With the heart of the city's restaurant and shopping establishments with a few miles of the school, access to bicycle transportation would be a great way for our students to transport themselves to these locations for either shopping purposes or for part-time employment. I consider this to be a win for the institution and a win for the economy of the city. I wholeheartedly support the city's Bike Share Project grant application. I hope that you too will see how this project will be of great value and benefit to Ottawa University and to the City of Surprise.

Sincerely,



Dennis J. Tyner
Vice President and OUAZ Provost