



Transportation Alternatives / CMAQ Application for
FY 2018, 2019, and 2020 Projects

Grand Avenue Sidewalk Construction Project

CITY OF SURPRISE

**APPLICATIONS ARE DUE AT MAG OFFICES BY
Monday, September 21, 2015 at 10:00 a.m.**

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

Surprise: Grand Avenue Sidewalk Construction Project**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 85374

Project Description

6. Please provide the Project Title.	Grand Avenue Sidewalk Construction Project
7. Please provide a concise, specific description of the project (250 character limit):	Construct approximately 2 miles of 10-foot wide shared use path on the southwest side of Grand Avenue from SR303 to Yorkshire Drive. The project will also fill in a missing segment of sidewalk (approximately 200 feet) in front of the Century Link building at 14541 W. Grand Avenue, approximately 2,200 feet south of W. Yorkshire Drive.
8. Please provide the project limits:	Grand Avenue from SR303 to Yorkshire Drive, approximately 2 miles, and in front of the Century Link Building.

Surprise : Grand Avenue Sidewalk Construction Project

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 checked="" 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 checked="" type="checkbox"/> Shared-use path (10' min.) | Other: |
| <input type="checkbox"/> Sidewalk (5' min.) | <input style="width: 400px; height: 20px;" type="text"/> |
| <input 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 style="width: 400px; height: 20px;" 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="checkbox"/> 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 style="width: 400px; height: 20px;" type="text"/> |
| <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.

Currently, there are no sidewalks on the southwest side of Grand Avenue between SR303 and W. Yorkshire Drive. Pedestrians, bicyclists, persons with mobility challenges, and golf cars use this segment of Grand Avenue regularly, some use the pavement, and some use the unimproved dirt shoulders and have worn out a path in the dirt. These alternative mode users are traveling along a 45 mph 6-lane roadway without their own dedicated space. There are no sidewalks on the northeast side of Grand Avenue either, therefore, pedestrians have no viable options when walking along this segment of Grand Ave.

Surprise : Grand Avenue Sidewalk Construction Project

PART B-DETAILED PROJECT DESCRIPTION

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

Last year the City of Surprise received Design Assistance funding for this project. Olsson Associates were retained to provide a Project Assessment report and 15% plans to construct the project. That project is coming to a close and the City of Surprise would like to continue the progresss already made and construct the sidewalk.

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

This project would significantly improve the safety and connectivity for pedestrians and bicyclists along this route by constructing a much-needed 10-foot wide sidewalk on the southwest side of Grand Avenue.

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

Pedestrian ramps at all intersection corners.

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

- Yes
- No

Please Explain:

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

Pedestrians and bicyclists would have a 10-foot wide shared use path to travel along the southwest side of Grand Avenue, instead of walking/biking adjacent to motor vehicles traveling at 45 mph.

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

This project would provide a continuous paved concrete path, making it significantly easier for persons with disabilities to travel in this segment of Grand Avenue. The missing segment of sidewalk in front of the Century Link building is practically impossible for a person with disability to pass through because of the uneven surfaces. This project will fill in that missing segment with a new sidewalk.

Surprise : Grand Avenue Sidewalk Construction Project

PART B-DETAILED PROJECT DESCRIPTION

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

This project will provide a new 10-foot wide sidewalk between SR303 and Yorkshire Drive, and complete a missing segment of sidewalk in front of the Century Link building. The new sidewalk will complete a 5.6-mile stretch of sidewalk on Grand Avenue from SR303 to Litchfield Road, and improve pedestrian access from the nearby residential neighborhoods to the local retail and commercial uses.

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

This project helps to establish the importance of pedestrian and bicyclists safety in Surprise by making a safe connection between the residential communities along Grand Avenue and the regional commercial centers.

14. Connectivity: (Check all that apply)

Project fills a gap in the system

Explain:

Provide sidewalks on Grand Avenue from SR303 in Surprise to Thunderbird Road in El Mirage

Project connects to other local bikeways

List of connected bikeways:

Parkview Place, Mountain View Blvd, Litchfield Road, numerous local roadways in the Original Town Site.

Multi Jurisdictional Project (please include letter of support (See Part C)

List of Participating Jurisdictions:

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.

Within 1/2 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.

Within 1/2 mile

List routes and frequency:

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

Within 1/2 mile

List:

Surprise : Grand Avenue Sidewalk Construction Project

PART B-DETAILED PROJECT DESCRIPTION

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

Within 1/2 mile

List:

Del E Webb Memorial Field, Grandview Golf Course

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):

Within 1/2 mile

List:

Grand Marketplace, Grand Village Center

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

Within 1/2 mile

List:

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

Within 1/2 mile

List:

Montessori of Surprise

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):

Within 1/4 miles

List:

Hope Community Church - Nazarene, Church for the Nations, Del E. Webb Memorial Hospital, Grandview Terrace Sun Health, Sun City West Medical Associates, Grand Marketplace, Grand Village Center

1/4 miles to 1/2 miles

List:

Trinity Bible Church - Sun City, Granite Valley Medical Offices, Valley Rehabilitation, Cardiac Solutions, Banner Health Clinic - Sun City West, Best Care Internal Medicine

Surprise : Grand Avenue Sidewalk Construction Project

PART B-DETAILED PROJECT DESCRIPTION

23. What are the demographics of the area served:

[MAG Demographic Mapping](#) People Per Square Mile % 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:

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

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) Number of Travel Lanes Before Project Number of Travel Lanes After Project

Surprise : Grand Avenue Sidewalk Construction Project

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

Description of Methodology and Source used for the ADT Estimate

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.

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.

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

Yes

No

Surprise : Grand Avenue Sidewalk Construction Project

PART B-DETAILED PROJECT DESCRIPTION

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

<input type="checkbox"/>	No Utility in or abutting the alignment	<input type="checkbox"/>	Private Structures
<input type="checkbox"/>	Canals & Drainage		
<input checked="" type="checkbox"/>	Power Lines & Cables		Other:
<input checked="" 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 type="checkbox"/>	AASHTO Guide for Bicycle Facilities	Other:
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	<input type="text"/>
<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 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 faculties:

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="Not Adresse"/>
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:

Surprise : Grand Avenue Sidewalk Construction Project

PART B-DETAILED PROJECT DESCRIPTION

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

Reduction of accident rate between vehicle and pedestrian, vehicle and bicyclists. Overall usage of the sidewalk/shared use path.

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?

None

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.

None

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

None

Surprise: Grand Avenue Sidewalk Construction Project

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	Completed under MAG Design Assistance	
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1		\$0.00	No	\$0.00	\$0.00		
	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)					\$0.00		\$0.00	\$0.00	
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$169,500.00	\$169,500.00	No	\$0.00	\$169,500.00		
	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	\$34,800.00	\$34,800.00	No	\$0.00	\$34,800.00		
	Subtotal PE (Part B)					\$0.00		\$204,300.00	\$204,300.00	
Subtotal Preliminary Engineering (Part A + Part B)					\$204,300.00		\$0.00	\$204,300.00		
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS	16,810	\$3.25	\$54,632.50	No	\$0.00	\$54,632.50		
Subtotal Right-of-Way Acquisition (Part C)					\$54,632.50		\$0.00	\$54,632.50		
D. Utility Relocation	1. Utility Relocation	LS	1	\$42,400.00	\$42,400.00	No	\$0.00	\$42,400.00		
Subtotal Utility Relocation (Part D)					\$42,400.00		\$0.00	\$42,400.00		
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	AC	7	\$1,250.00	\$8,750.00	Yes	\$8,251.25	\$498.75
			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	2,132	\$250.00	\$533,000.00	Yes	\$502,619.00	\$30,381.00
		Earthwork	General Excavation	CY	1,150	\$12.00	\$13,800.00	Yes	\$13,013.40	\$786.60
			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	8,250	\$12.00	\$99,000.00	Yes	\$93,357.00	\$5,643.00
		Curb & Gutter		LF	10,288	\$22.00	\$226,336.00	Yes	\$213,434.85	\$12,901.15
		Aggregate Base		CY	991	\$50.00	\$49,550.00	Yes	\$46,725.65	\$2,824.35
		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	1,176	\$90.00	\$105,840.00	Yes	\$99,807.12	\$6,032.88
			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	104,760	\$4.00	\$419,040.00	Yes	\$395,154.72	\$23,885.28
		Integral Color Concrete		SF	1		\$0.00	Yes	\$0.00	\$0.00
		Pedestrian ADA Ramp		Each	2	\$1,300.00	\$2,600.00	Yes	\$2,451.80	\$148.20
		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					\$1,457,916.00		\$1,374,814.79	\$83,101.21		

Surprise: Grand Avenue Sidewalk Construction Project

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)		
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	
	Aggregate Base (Class 2)		CY	572	\$32	\$18,304	Yes	\$17,261	\$1,043		
	Asphalt Driveway		SF	590	\$10	\$5,900	Yes	\$5,564	\$336		
	Concrete Median Paving, 4" Thick		SF	2,172	\$4	\$8,688	Yes	\$8,193	\$495		
	Remove Concrete Curb and Gutter		LF	10,288	\$3	\$30,864	Yes	\$29,105	\$1,759		
	Landscape / Irrigation Restoration		LS	1	\$25,000	\$25,000	Yes	\$23,575	\$1,425		
	Concrete Block Masonry		LF	670	\$100	\$67,000	Yes	\$63,181	\$3,819		
	Safety Rail (Height = 4'-8") MAG Det 145		LF	2,200	\$40	\$88,000	Yes	\$82,984	\$5,016		
	Misc Items		LS	1	\$34,000	\$34,000	Yes	\$32,062	\$1,938		
					1		\$0	Yes	\$0	\$0	
	Sutotal Other Construction					\$277,756		\$261,924	\$15,832		
	5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	\$211,800	\$211,800	No	\$0	\$211,800		
		Traffic Control	LS	1	\$86,800	\$86,800	Yes	\$81,852	\$4,948		
		Construction Survey & Layout	LS	1	\$31,800	\$31,800	Yes	\$29,987	\$1,813		
		Construction Contingencies	LS	1	\$260,400	\$260,400	Yes	\$245,557	\$14,843		
		Construction Administration	LS	1	\$317,700	\$317,700	Yes	\$299,591	\$18,109		
	Subtotal Mobilization & Administration Costs					\$908,500		\$656,988	\$251,512		
Subtotal Construction Or Implementation Cost (Part E)							\$2,644,172	\$2,293,727	\$350,445		
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)							\$2,945,505	\$2,293,727	\$651,778		
G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,0000							\$30,000	\$0	\$30,000		
H. Total Project Cost Including ADOT Fees (Part F + Part G)							\$2,975,505	\$2,293,727	\$681,778		

Surprise: Grand Avenue Sidewalk Construction Project

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	\$204,300	
3. Right of way	\$54,633	
4. Utilities	\$42,400	
5. Construction	\$2,383,772	
6. Contingency	\$260,400	No more than 20% of Construction Cost
7. Total Cost	\$2,975,505	

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

9. Expected Annual Maintenance Cost

10. Identify Source of Maintenance Funds

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)				\$0	Not Available	\$0	
12. Right of way (Optional)				\$0	Not Available	\$0	
13. Utilities (Optional)				\$0	Not Available	\$0	
14. Other (Optional)				\$0	Not Available	\$0	
15. Construction	\$2,019		General Fund	\$681,778	\$2,293,727	\$2,975,505	22.9%
16. Total Costs				\$681,778	\$2,293,727	\$2,975,505	22.9%

Surprise: Grand Avenue Sidewalk Construction Project

PART F - SIGNATURE AND CHECKLIST**Checklist**

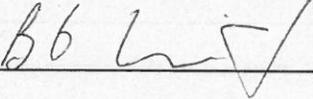
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

COVER SHEET	Complete?
Cover Sheet is completely filled out	Yes
PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 8 are complete	Yes
PART B - Project Description	Complete?
Fields 1 - 14 (Project Description) are complete	Yes
Fields 15 - 17 (Transit) are complete	Yes
Fields 18 – 22 (Attractors and Demographics) are complete	Yes
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	Yes
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	Yes
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	Yes
PART C - Required Attachments	Complete?
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.	Yes
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.	Yes
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	Yes
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.	Yes
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Yes
PART D - Cost Estimate Worksheet	Complete?
Sponsoring Agency, Project Title, and Application Date are complete	Yes
Part A - Scoping is complete	Yes
Part B - Final Preliminary Engineering Design is complete	Yes
Part C - Right-of-Way Acquisition is complete	Yes
Part D - Utility Relocation is complete	Yes
Part E - Construction or Implementation is complete	Yes
Parts F, G, and H - Costs are complete and accurate	Yes
PART E - Total Project Schedule and Budget Including All Segment Fields	Complete?
Fields 1 – 7 are complete and costs are accurate	Yes
Field 8 - 10 are complete	Yes
Fields 11 – 15 Years are complete	Yes
Fields 11 – 15 Local Funding Sources are complete	Yes
Fields 11 – 15 Local Costs are complete and accurate	Yes

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

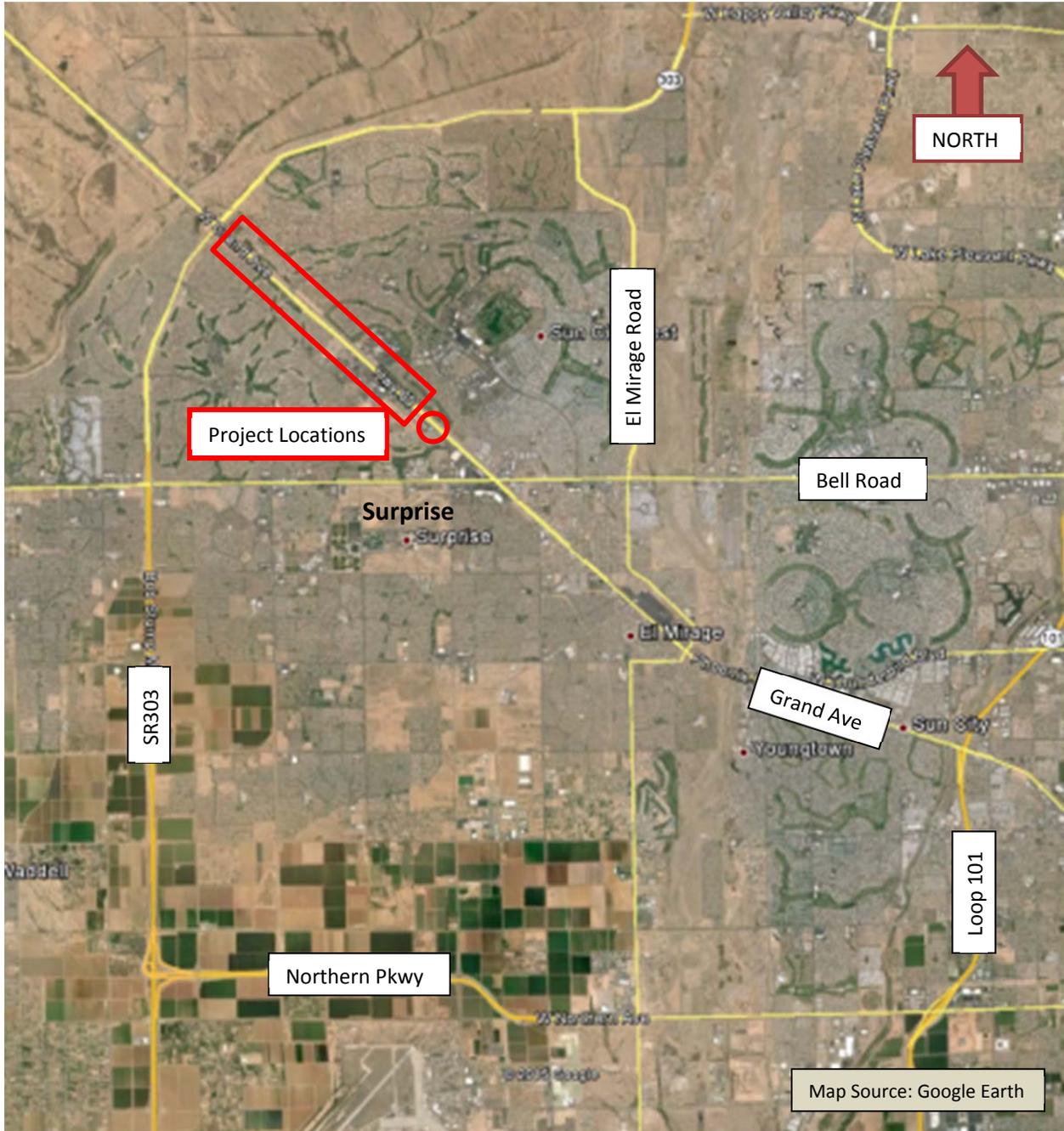
SIGNATURE(S):

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:	Bob Wingenroth
Title:	City Manager
Date:	9/17/15

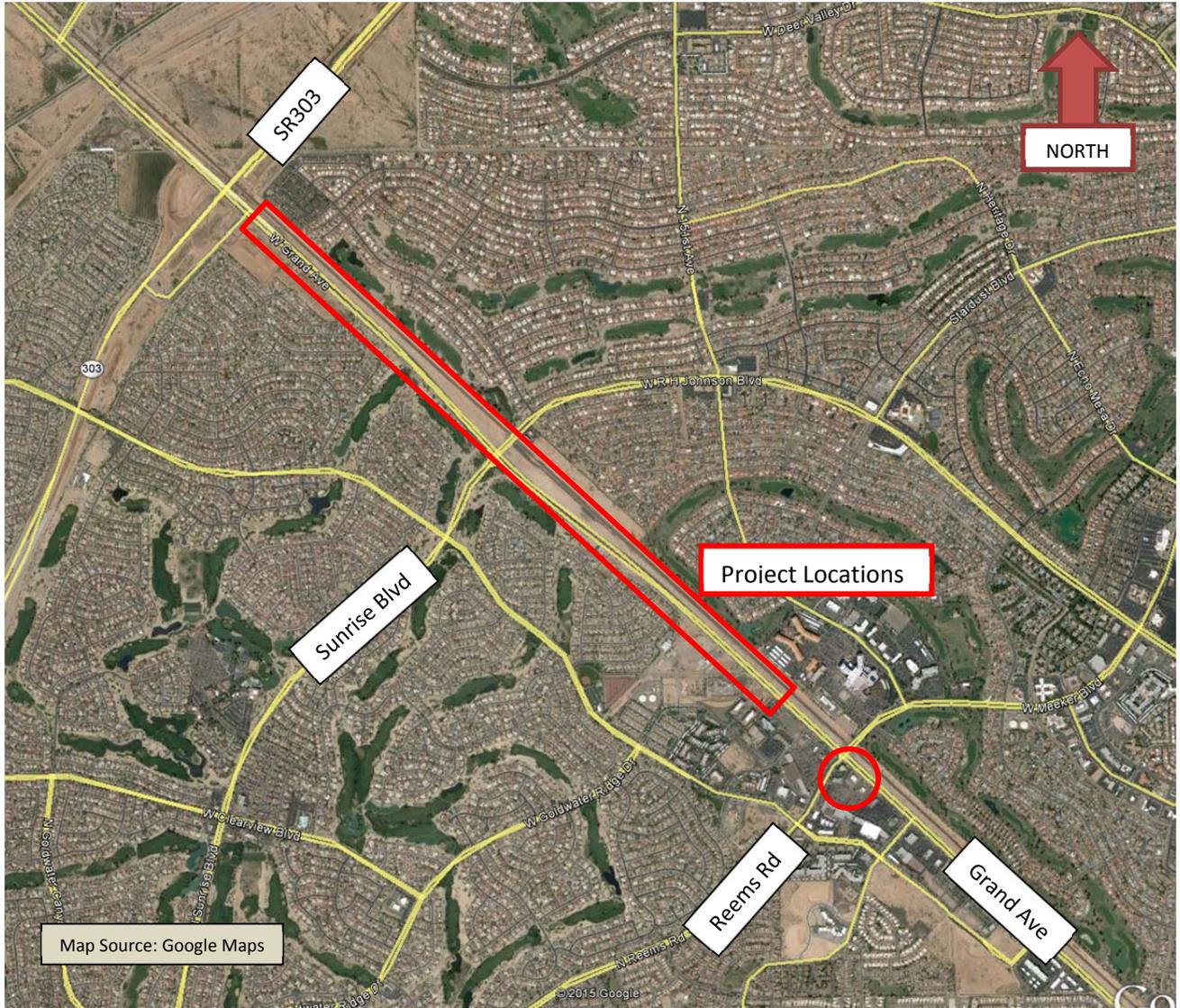
Attachment 1

Regional Location



Attachment 2

Project Location





A Pedestrian Walks Along the Southwest Side of Grand Avenue



Pedestrians and Bicyclists have Worn Out a Path in the Dirt



Incomplete Sidewalk Segment in Front of the Century Link Building is a Hazard for All Sidewalk Users



Uneven Surface in Front of Century Link Building Can Not Accommodate Persons with Disability, Elderly, Bicyclists, and Children

Attachment 4
Typical Cross Section

