



Transportation Alternatives Application for
FY 2015, 2016, and 2017 Projects

ROAD DIET FOR WEST POINT PARKWAY AND STATLER BOULEVARD

CITY OF SURPRISE

APPLICATIONS ARE DUE AT MAG OFFICES BY
Tuesday, October 22, 2013 at 10:00 a.m.

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

Surprise: Sidewalk & Road Diet for West Point Parkway and Statler Blvd

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 & Economic Development Department 16000 N. Civic Center Plaza, Surprise, AZ 85374
Project Description	
6. Please provide the Project Title.	Sidewalk & Road Diet for West Point Parkway and Statler Blvd
7. Please provide a concise, specific description of the project (250 character limit):	
<p>The project provides multimodal facilities to connect existing residents to multiple destination centers. The project proposes to construct a 10' wide multimodal pathway along the west side of West Point Parkway and a 5' wide sidewalk along the north side of Statler Blvd. Restripe these roadways to provide a painted median, two 11' wide travel lane, one 6' wide bike lane along the opposite side of the multimodal pathway.</p>	
8. Please provide the project limits:	
<p>Beginning along West Point Parkway approximately 800 feet south of Bell Road, to Greenway Road, a distance of approximately 5,000 feet. Along Statler Boulevard from Litchfield Road to West Point Parkway, a distance of approximately 2,300 feet.</p>	
Safe Routes to School (if project is NOT a Safe Routes to School project, proceed to Part B)	
9. School Name	
10. School Address	
11. School City, State, ZIP Code	

PART B-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 12-13 and 15-18, 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. What type of project is this? (Check only one)

<input type="checkbox"/>	Bicycle lane (4' min. w/o curb/gutter)	<input type="checkbox"/>	Wide Sidewalk (8' min.)
<input type="checkbox"/>	Bicycle lane (5' min. with curb/gutter)	Other:	
<input type="checkbox"/>	Shared-use path (10' min.)	<input type="text" value="Road diet and installation of multimodal facilities"/>	
<input type="checkbox"/>	Detached Sidewalk with 4' min. buffer		
<input type="checkbox"/>	Sidewalk (5' min.)		

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

<input type="checkbox"/>	Bridge (overpass)	<input type="checkbox"/>	Number of new openings in street walls
<input type="checkbox"/>	Tunnel (underpass)	<input type="checkbox"/>	Number of Trees
<input type="checkbox"/>	Safe Routes to School	<input type="checkbox"/>	Number of Shade Structures
<input type="checkbox"/>	Signalized Crossing	<input type="checkbox"/>	Number of Seating/Rest Area(s)
<input type="checkbox"/>	Signalized midblock crossing/HAWK	<input type="checkbox"/>	Number of bicycle/pedestrian counting devices
<input type="checkbox"/>	Countdown Pedestrian Signal	Other:	
<input type="checkbox"/>	Number of Bike racks/lockers	<input type="text"/>	
<input type="checkbox"/>	Number of Drinking Fountains		
<input type="checkbox"/>	Number of Way-finding Signs		
<input type="checkbox"/>	Number of Trash receptacles		

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

West Point Parkway is a 64' wide north-south collector from Bell Road to Greenway Road. It is striped for 4 through lanes and a 14' wide median. A 5' wide sidewalk is provided along the east side of the roadway, but no sidewalk along the west side of the road. No bike lanes are present. Statler Blvd is a 64' wide east-west collector from Litchfield Road to West Point Parkway. It is striped for 4 through lanes and a 14' wide median. A 5' wide sidewalk is provided along the south side of the roadway, but no sidewalk along the north side. No bike lanes are present. Pedestrian and bicyclist facilities are missing on the project roadways.

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

As part of this project the City of Surprise will complete a partial road diet for WestPoint and Statler. As part of the project the City will add a multimodal 10 foot pathway along the west side of WestPoint Parkway and a 5 foot sidewalk along the north side of Statler RD. WestPoint will have its travel lanes reduced to 11' travel lanes and its two way turn lane to will be reduced to 13' allowing for a bicycle lane along the east side of the facility. Along Statler the two way turn lane will be eliminated to allow for the inclusion of two 7' bicycle lanes with 11' travels lanes and a 4' painted median.

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

Provide better and safer pedestrian access for residents along Statler Blvd and West Point Parkway via new multimodal facilities. New bike lanes will provide safer travels for bicyclists. These facilities will allow for residents of all ages and abilities new sidewalk/multimodal path and bike lanes will connect these neighborhoods to four retail/commercial centers, one elementary school, Surprise Civic Center, and to the overall pedestrian and bicycle facilities throughout Surprise.

6. Please provide a site safety / crash history, and provide a source for this information.

Please describe any car-bicycle and car-pedestrian crashes on streets within 2-mile radius of the project (within the last 5 years). You may attach crash reports or summarize their results below.

The City of Surprise has requested crash data for this project through MAG. As crash data will not be available prior to the TA application deadline, MAG will provide the crash data as an attachment prior to releasing the application to the evaluation panel for review.

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

<input checked="" type="checkbox"/>	Wide bike lanes (6'-7')	<input type="text" value=""/>	Buffer Zone, Width
<input checked="" type="checkbox"/>	Wide sidewalk (8' min.)		
<input type="checkbox"/>	Grade-separated crossing (overpass or underpass)	Other	
<input type="checkbox"/>	Signalized crossing/Ped countdown/HAWK	<input type="text"/>	
<input type="checkbox"/>	Lighting		
<input checked="" type="checkbox"/>	Striping/re-striping of roadway		
<input type="checkbox"/>	Countdown signals		

PART B-PROJECT DESCRIPTION

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

There are no sidewalks on the north side of Statler Blvd and on the west side of West Point Parkway. Pedestrians have to walk on the landscaping with rocks, trees, and bushes. There are no bike lanes. Bicyclists have to ride along vehicular traffic in a 12' wide curb lane. This project would provide a new paved sidewalk and multimodal path and stripe new bike lanes.

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

There are no sidewalks on the north side of Statler Blvd and on the west side of West Point Parkway. Persons with disabilities would have to walk on the landscaping with rocks, trees, and bushes. It would be extremely difficult for a wheel chair. This project would construct a paved path with ADA ramps, drastically improving the safety and accessibility for persons with disabilities.

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

The community has multiple incomplete facilities that are disconnected. By creating a complete street network the City will encourage neighborhood residence to use alternative modes of transportation, to and from, their residence to the surrounding business, recreation centers and to the City Hall Complex to the west. This will not only complete the transportation network but also create a community by encouraging them to interact within the neighborhood by walking and biking.

11. Connectivity: (Check all that apply)

- Project fills a gap in the system
Explain:
This project would connect bike lanes and sidewalks on West Point Parkway from Greenway Road to the existing retail/commercial centers along Bell Road, and connect bike lanes and sidewalks on Statler Blvd from Litchfield Road to West Point Parkway.
- Project connects to other local bikeways
List of connected bikeways:
Striped bicycle lanes on Greenway Road and Litchfield Road.
- Multi Jurisdictional Project
List of Participating Jurisdictions:

- Total length of facilities connected by this project (in miles)

12. 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 1/4 mile
List routes and frequency:
N/A

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

- Within 1/4 mile
List:
Surprise Park and Ride

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

This project improves pedestrian and bicyclist access from the West Point Town Center neighborhood to nearby retail/commercial centers, Civic Center, a medical office building, and West Point Elementary School.

PART B-PROJECT DESCRIPTION

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

8 Within 1/4 mile

List:

Surprise Civic Center, 7 neighborhood parks

16. 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):

5 Within 1/4 mile

List:

Surprise Marketplace, Surprise Town Center, Sprouts & Chili's shopping center, CVS & Frazee Paint shopping center, Banner Health Center medical office building,

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

1 Within 1/4 mile

List:

West Point Elementary School

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

1 Within 1/4 mile

List:

Communiversitry @ Surprise

19. What are the demographics of the area served:

[MAG Demographic Mapping](#)

4752 People Per Square Mile

1.6 % Families in Poverty

Use the MAG Demographic Mapping link above. Zoom in to your project area. On the right-hand side of the screen, under "Reporting," select "Custom." Next, select "Corridor of Interest." Left-click to begin drawing. Draw a line through all census blocks 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 blocks 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.

PART B-PROJECT DESCRIPTION

20. 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:

On West Point Parkway, from 800 feet south of Bell Road to Greenway Road. On Statler Blvd, from Litchfield Road to West Point Parkway.

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

n/a

Federal Functional Classification of the Facility:

Local Street

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

Type of Facility the Improvement will be located on:

Collector Road

1.3 Length (in Miles)

35 Posted Speed Limit (MPH)

4 Number of Travel Lanes

21. Please provide an estimated traffic volume (ADT) below. If project is not on a road (ex. Canal path), use nearest parallel arterial.

6,000 ADT Estimate

3/15/12 Date Counted

Name of road the traffic count was taken from

Intersection of West Point Parkway and Statler Blvd. 6,000 ADT on West Point Parkway, 2,000 ADT on Statler Blvd.

Description of Methodology and Source used for the ADT Estimate

Manual intersection turning movement counts at the intersection of West Point Parkway and Statler Blvd, counted in March 2012, by Field Data Services of Arizona, Inc.

22. 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.

No known cultural, historical and biological resources, hazardous materials or other environmental issues.

23. 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

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

No Right-of-Way issues anticipated. All work will be within the existing Right of Way.

25. 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:

Gas Pipeline on the north side of Statler Blvd

PART B-PROJECT DESCRIPTION															
26. Please describe any utility conflicts that will need to be addressed.	<div style="border: 1px solid black; background-color: #e0f0e0; padding: 10px; min-height: 60px;"> No utility conflicts are anticipated. </div>														
27. Guidelines used to develop project: (Check all that apply)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; vertical-align: top;"> <table style="width: 100%; border-collapse: collapse;"> <tr><td><input type="checkbox"/></td><td>AASHTO Guide for Bicycle Facilities</td></tr> <tr><td><input type="checkbox"/></td><td>MAG Pedestrian Policies and Design Guidelines</td></tr> <tr><td><input type="checkbox"/></td><td>MAG Complete Streets Guide</td></tr> <tr><td><input type="checkbox"/></td><td>MAG Designing Transit Accessible Communities</td></tr> <tr><td><input type="checkbox"/></td><td>NACTO Urban Bikeway Design Guide</td></tr> <tr><td><input type="checkbox"/></td><td>RPTA Bus Stop Program and Standards</td></tr> </table> </td> <td style="width: 50%; vertical-align: top; padding-left: 20px;"> Other: <div style="border: 1px solid black; background-color: #e0f0e0; padding: 5px; min-height: 30px;"> City of Surprise Engineering Design Standards (EDS) will be followed. The EDS has adopted AASHTO and MAG design guidelines to meet the City requirements </div> </td> </tr> </table>	<table style="width: 100%; border-collapse: collapse;"> <tr><td><input type="checkbox"/></td><td>AASHTO Guide for Bicycle Facilities</td></tr> <tr><td><input type="checkbox"/></td><td>MAG Pedestrian Policies and Design Guidelines</td></tr> <tr><td><input type="checkbox"/></td><td>MAG Complete Streets Guide</td></tr> <tr><td><input type="checkbox"/></td><td>MAG Designing Transit Accessible Communities</td></tr> <tr><td><input type="checkbox"/></td><td>NACTO Urban Bikeway Design Guide</td></tr> <tr><td><input type="checkbox"/></td><td>RPTA Bus Stop Program and Standards</td></tr> </table>	<input type="checkbox"/>	AASHTO Guide for Bicycle Facilities	<input type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	<input type="checkbox"/>	MAG Complete Streets Guide	<input type="checkbox"/>	MAG Designing Transit Accessible Communities	<input type="checkbox"/>	NACTO Urban Bikeway Design Guide	<input type="checkbox"/>	RPTA Bus Stop Program and Standards	Other: <div style="border: 1px solid black; background-color: #e0f0e0; padding: 5px; min-height: 30px;"> City of Surprise Engineering Design Standards (EDS) will be followed. The EDS has adopted AASHTO and MAG design guidelines to meet the City requirements </div>
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<input type="checkbox"/>	RPTA Bus Stop Program and Standards														

28. Jurisdiction has the following policies for improved bicycle/shared use facilities:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">With new development and capital improvement projects, bike lanes on arterial streets are:</td> <td style="width: 20%; text-align: right;"><input type="checkbox"/> Recommend</td> </tr> <tr> <td>With new development and capital improvement projects, bike lanes on collector streets are:</td> <td style="text-align: right;"><input type="checkbox"/> Recommend</td> </tr> <tr> <td>With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:</td> <td style="text-align: right;"><input type="checkbox"/> Not Addressed</td> </tr> <tr> <td>With new development or during development retrofits, shared-use paths are:</td> <td style="text-align: right;"><input type="checkbox"/> Not Addressed</td> </tr> <tr> <td>Bicycle program implemented, including bike education, safety events, and bike maps</td> <td style="text-align: right;"><input type="checkbox"/> No</td> </tr> <tr> <td>Complete Streets Policy</td> <td style="text-align: right;"><input type="checkbox"/> No</td> </tr> </table>	With new development and capital improvement projects, bike lanes on arterial streets are:	<input type="checkbox"/> Recommend	With new development and capital improvement projects, bike lanes on collector streets are:	<input type="checkbox"/> Recommend	With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	<input type="checkbox"/> Not Addressed	With new development or during development retrofits, shared-use paths are:	<input type="checkbox"/> Not Addressed	Bicycle program implemented, including bike education, safety events, and bike maps	<input type="checkbox"/> No	Complete Streets Policy	<input type="checkbox"/> No
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Complete Streets Policy	<input type="checkbox"/> No												

29. The project is: (Check one)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center;"><input checked="" type="checkbox"/></td> <td style="width: 15%;">Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)</td> <td style="width: 80%;"> List: <div style="border: 1px solid black; background-color: #e0f0e0; padding: 2px;">City of Surprise Gap Study, 2010</div> </td> </tr> <tr> <td><input type="checkbox"/></td> <td>Consistent with general policy/practices, but not formally identified (provide source)</td> <td> Explain: <div style="border: 1px solid black; background-color: #e0f0e0; height: 20px; width: 100%;"></div> </td> </tr> <tr> <td><input type="checkbox"/></td> <td>Not addressed by jurisdiction's plans, policies, or practices</td> <td> Explain: <div style="border: 1px solid black; background-color: #e0f0e0; height: 20px; width: 100%;"></div> </td> </tr> </table>	<input checked="" type="checkbox"/>	Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)	List: <div style="border: 1px solid black; background-color: #e0f0e0; padding: 2px;">City of Surprise Gap Study, 2010</div>	<input type="checkbox"/>	Consistent with general policy/practices, but not formally identified (provide source)	Explain: <div style="border: 1px solid black; background-color: #e0f0e0; height: 20px; width: 100%;"></div>	<input type="checkbox"/>	Not addressed by jurisdiction's plans, policies, or practices	Explain: <div style="border: 1px solid black; background-color: #e0f0e0; height: 20px; width: 100%;"></div>
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30. Identify the organization(s) responsible for on-going maintenance and repairs of the project:	<div style="border: 1px solid black; background-color: #e0f0e0; padding: 10px; min-height: 60px;"> Public Works, Street Maintenance Division. </div>
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31. How will the applicant measure the success of this project?	<div style="border: 1px solid black; background-color: #e0f0e0; padding: 10px; min-height: 60px;"> Built on time and within budget. Increased pedestrian and bicyclist activity on West Point Parkway and Statler Blvd. </div>
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32. 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?	<div style="border: 1px solid black; background-color: #e0f0e0; padding: 10px; min-height: 60px;"> No </div>
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33. 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.	<div style="border: 1px solid black; background-color: #e0f0e0; padding: 10px; min-height: 60px;"> No </div>
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Part C - Required Attachments

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.

PLEASE INCLUDE EACH ATTACHMENT AS A SEPARATE .JPEG OR .PDF FILE ON YOUR APPLICATION CD.

Please insert ALL attachments between Part B and Part D on your printed application, in the order they are listed below. See below for alternate submission requirements for GIS coverage files.

Required Attachments:

1) Please attach a map with streets labeled showing the location(s) of the proposed project, including a north arrow.

2) Please attach up to four photos indicating existing conditions in the project area (two 4x6 photos per page).

3) Please attach 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.

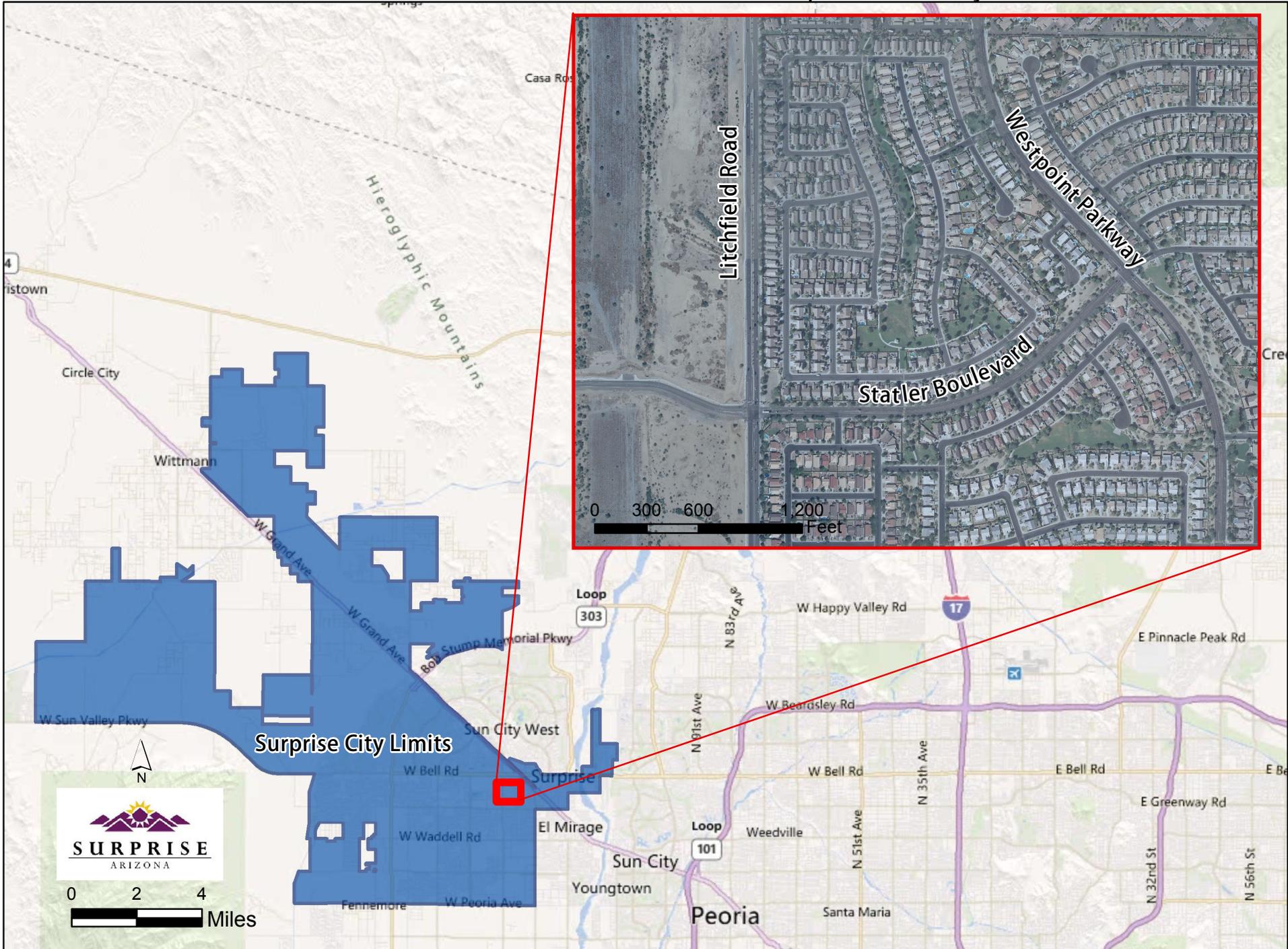
OPTIONAL Attachments:

(OPTIONAL) Attach up to two photos showing what the completed project will look like, if available (these can be photoshop, renderings, etc.).

(OPTIONAL) Attach any crash report(s) referenced in Part B, Section 2, #6.

(OPTIONAL) If the applicant will be providing a GIS coverage (shapefile or geodatabase), please see the tab labeled "GIS Transmittal Instructions"

Statler Boulevard – Litchfield Road to Westpoint Parkway



Legend

 Proposed Pedestrian Improvements

 Existing Bike Lanes

 • 6+ miles Bike Lanes

 • 2.5 + miles Urban Trails

 • Surprise Elm.
• West Point Elm.
• Arizona Academy

 • Surprise Marketplace

 • 15+ Restaurants

 • Sprouts Farmers Market

 • Target Pharmacy
• CVS Pharmacy
• Sprouts Farmers Market



Maps are not to scale and show approximate locations only. The information in this document is indicative and is intended to act as a guide only.



Bell Road

US 60 / Grand Ave

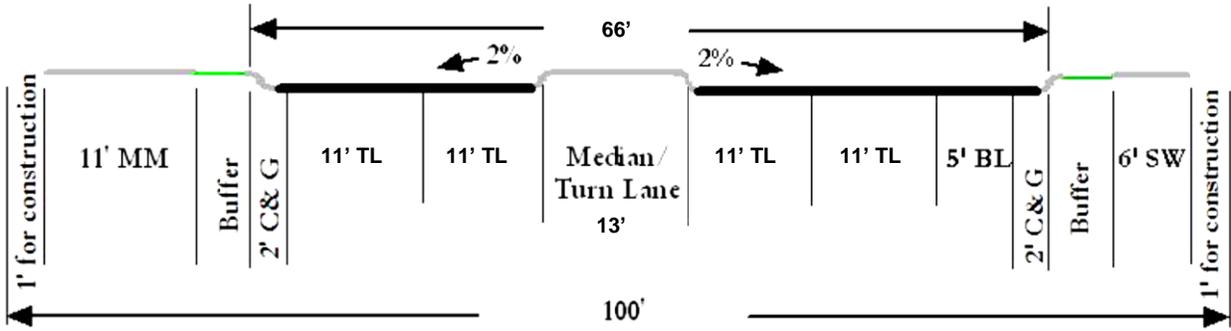
Dysart Road

Litchfield Road

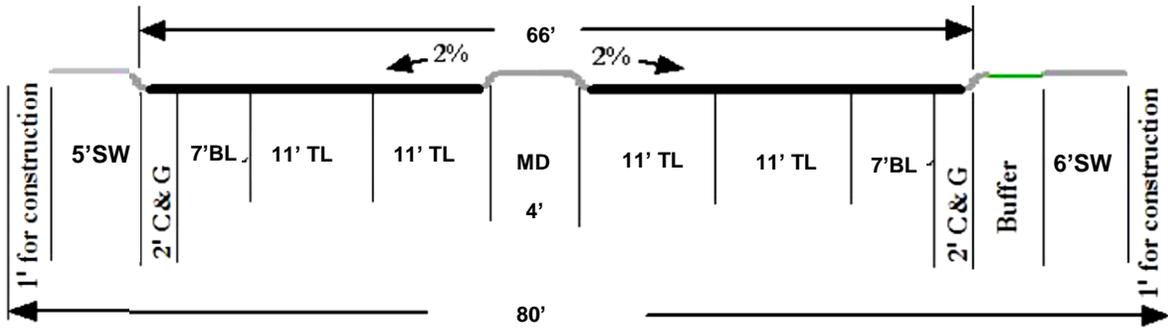
Greenway Road







West Point Parkway Looking North
Cross Section



Statler Road Looking West
Cross Section

An aerial photograph of a residential street named West Point Parkway. The street is a two-lane road with a white center line and dashed edge lines. A red line is drawn along the left side of the road, indicating the proposed location of a sidewalk. The surrounding area includes several houses with swimming pools, lawns, and trees. The text "Sidewalk Needed" is written in white, bold, sans-serif font, following the curve of the red line.

Sidewalk Needed

West Point Parkway

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:		City of Surprise	Project Title:		Sidewalks and Road Diet for West Point Parkway and Statler Blvd	Application Date:		22-Oct-13		
Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)		
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY	LS	1	\$2,500.00	\$2,500.00	No	\$0.00	\$2,500.00		
	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	\$5,000.00	\$5,000.00	No	\$0.00	\$5,000.00		
	4. HAZMAT ASSESSMENT	LS	1	\$750.00	\$750.00	No	\$0.00	\$750.00		
	Subtotal Scoping (Part A)				\$13,250.00		\$0.00	\$13,250.00		
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$25,000.00	\$25,000.00	No	\$0.00	\$25,000.00		
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$3,500.00	\$3,500.00	No	\$0.00	\$3,500.00		
	3. DRAINAGE REPORT	LS	1	\$2,500.00	\$2,500.00	No	\$0.00	\$2,500.00		
	4. SWPPP	LS	1	\$2,000.00	\$2,000.00	No	\$0.00	\$2,000.00		
	Subtotal PE (Part B)				\$33,000.00		\$0.00	\$33,000.00		
Subtotal Preliminary Engineering (Part A + Part B)					\$46,250.00		\$0.00	\$46,250.00		
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS	1	\$0.00	\$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	\$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	\$0.00	Yes	\$0.00	\$0.00
		Site Preparation		LS	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Demolition	Sawcut	LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Structures and Obstructions	LS	1	\$2,500.00	\$2,500.00	Yes	\$2,357.50	\$142.50
			Remove Fencing	LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Structural Concrete	CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Asphaltic Concrete Pavement	CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Concrete Sidewalks, Slabs	CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Hazmat Abatement		LS	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Retaining Wall - Reinforced Concrete Cantilevered		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Earthwork	General Excavation	CY	1,100	\$5.00	\$5,500.00	Yes	\$5,186.50	\$313.50
			Drainage Excavation	CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Structural Excavation	CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Structural Backfill	CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Borrow (In Place)	CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Curb & Gutter		LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Aggregate Base		CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Pathway Or Sidewalk Materials	Concrete	SF	61,820	\$3.00	\$185,460.00	Yes	\$174,888.78	\$10,571.22
			Colored Concrete	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Stamped Color Concrete	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Precast Concrete Pavers	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Asphaltic Concrete	Ton	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Polymer or Resin Stabilized Surface	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Crosswalk Enhancement	Concrete Pavers	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Stamped Asphalt	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Stamped Concrete	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Concrete	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Integral Color Concrete		SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Pedestrian ADA Ramp		SF	6	\$2,500.00	\$15,000.00	Yes	\$14,145.00	\$855.00
		Culvert Extensions		LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Pedestrian Lighting Including Conduit And Trenching		Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Handrail	Standard	LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
Decorative	LF		1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
Subtotal Hardscape Construction					\$208,460.00		\$196,577.78	\$11,882.22		

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:		City of Surprise	Project Title:		Sidewalks and Road Diet for West Point Parkway and Statler Blvd	Application Date:		22-Oct-13				
Part	Item Description				Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	
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	\$0.00	Yes	\$0.00	\$0.00	
		Trees (15 Gallon Size)			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Trees (5 Gallon Size)			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (5 Gallon Size)			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Shrubs (1 Gallon Size)			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Cactus (5 Gallon Size)			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Mulch	Decomposed Granite			CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Organic			CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Topsoil			CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	\$0.00
		Seeding			Acre	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	\$0.00
		Turf Sod			SY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	\$0.00
		Boulders			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	\$0.00
		Irrigation System	Drip			SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Turf			SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
					Directional Bore	LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
		Sleeving For Irrigation System			Cut and Patch	LF	75	\$50.00	\$3,750.00	Yes	\$3,536.25	\$213.75
		Landscape Header Curb			LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	\$0.00
		Landscape Establishment			LS	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	\$0.00
	Subtotal Landscaping & Irrigation Items							\$3,750.00		\$3,536.25	\$213.75	
	3. Site Furnishings	Benches			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Seatwalls			LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Bike Racks			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Trash Receptacles			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Drinking Fountains			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Signage (Standard Traffic Control)			Each	14	\$90.00	\$1,260.00	Yes	\$1,188.18	\$71.82	
		Signage (Wayfinding)			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Tree Grates			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Subtotal Site Furnishings							\$1,260.00		\$1,188.18	\$71.82
		Bicycle and Pedestrian Counter			Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	\$0.00
	4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Striping			LF	39,220	\$0.80	\$31,376.00	Yes	\$29,587.57	\$1,788.43	
		Micro-Surface			SY	47,809	\$2.50	\$119,522.50	Yes	\$112,709.72	\$6,812.78	
						1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
						1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
						1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
						1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
						1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
						1	\$0.00	\$0.00	Yes	\$0.00	\$0.00	
		Subtotal Other Construction							\$150,898.50		\$142,297.29	\$8,601.21
		Contractor Mobilization			LS	1	\$15,000.00	\$15,000.00	Yes	\$14,145.00	\$855.00	
	5. Mobilization And Administration Costs	Traffic Control			LS	1	\$1,500.00	\$1,500.00	Yes	\$1,414.50	\$85.50	
		Construction Survey & Layout			LS	1	\$1,500.00	\$1,500.00	Yes	\$1,414.50	\$85.50	
		Construction Contingencies			LS	1	\$10,000.00	\$10,000.00	Yes	\$9,430.00	\$570.00	
		Construction Administration			LS	1	\$22,500.00	\$22,500.00	Yes	\$21,217.50	\$1,282.50	
		Subtotal Mobilization & Administration Costs							\$50,500.00		\$47,621.50	\$2,878.50
		Subtotal Construction Or Implementation Cost (Part E)							\$414,868.50		\$391,221.00	\$23,647.50
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)										\$461,118.50		
G. Adot Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part F))									No	\$0.00	\$20,000.00	
H. Total Project Cost Including ADOT Fees (Part F + Part G)										\$481,118.50	\$391,221.00	\$89,897.50

PART E - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS

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 23-26 in Part B.

Cost Estimate for the Project Including ALL Segments	Cost	Additional Notes (if needed)			
1. ADOT Fee	\$20,000	None			
2. Design	\$46,250	None			
3. Right of way	\$0	None			
4. Utilities	\$0	None			
5. Construction	\$443,214	None			
6. Total Cost	\$509,464	None			
7. Will the agency maintain the improvement after it is completed?		Yes			
8. Expected Annual Maintenance Cost		0			
9. Identify Source of Maintenance Funds		General Fund/HURF			
Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
10. Design	2015	HURF	\$46,250	Not Available	\$46,250
11. ADOT Fee	2015	HURF	\$20,000	Not Available	\$20,000
12. Right of way and Utilities			\$0	Not Available	\$0
13. Construction	2016	HURF	\$23,648	\$391,221	\$414,869
14. Total Costs			\$89,898	\$391,221	\$481,119

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
Safe Routes to School, fields 9-12 are complete (if applicable)	Yes
PART B - Project Description	Complete?
Fields 1 - 11 (Project Description) are complete	Yes
Fields 12– 14 (Transit and Access) are complete	Yes
Fields 15 – 19 (Attractors and Demographics) are complete	Yes
Fields 20 – 26 (Traffic, Environmental, ROW, and Utilities) are complete	Yes
Fields 27 – 29 (Guidelines, Policies, and Plans) are complete	Yes
Fields 30 – 33 (Maintenance and Performance Measurement) are complete	Yes
PART C - Required Attachments	Complete?
Field 1 - Project map is provided in the printed application and the PDF application	Yes
Field 2 - Up to 4 photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	Yes
Field 3 - Cross-section(s) provided in the printed application and the PDF application.	Yes
(OPTIONAL)- Up to 2 photos/renderings of the completed project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - Crash report(s) 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	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 – 6 are complete and costs are accurate	Yes
Field 7 - 9 are complete	Yes
Fields 10 – 13 Years are complete	Yes
Fields 10 – 13 Local Funding Sources are complete	Yes
Fields 10 – 13 Local Costs are complete and accurate	Yes
Field 10 - 13 Federal Costs are complete and accurate	Yes
Field 14 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
(SAFE ROUTES TO SCHOOL PROJECTS ONLY) - Additional signatures and related name, date, and title are completed.	

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:	<i>Martin M .Lucero</i>
Name:	Martin Lucero
Title:	Transportation Planning Manager
Date:	10/22/2013

Complete the following ONLY if this is a Safe Routes to School Project.

Note: All signatures indicate an agreement in principle and a partnership on this project between the applicant and the signing organization. Although not all signatures are required, applications that include more signatures will be ranked higher

School/Site Official (required):
(Principal, assistant principal, teacher-in-charge, PE Teacher, SRTS coordinator)

Signature:	
Name:	
Title:	
Date:	

School District official (required):

Signature:	
Name:	
Title:	
Date:	

Law Enforcement Official (required):

Signature:	
Name:	
Title:	
Date:	

ATTACHMENT: MAG CRASH DATA

MAG has provided crash summaries for this project, as requested by the agency,
in reference to Part B, Question 6 of the MAG Transportation Alternatives Application

Surprise, Project #2, Pedestrian						
Year	Severity					5 total
	1	2	3	4	5	
2008	0	0	0	1	0	1
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	1	0	0	1
2012	0	0	1	1	0	2
2013	0	0	0	0	0	0
<i>total</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>2</i>	<i>0</i>	<i>4</i>

Surprise, Project #2, Bicyclist						
Year	Severity					5 total
	1	2	3	4	5	
2008	0	0	0	0	0	0
2009	1	0	1	0	0	2
2010	0	0	1	0	0	1
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
2013	0	0	0	0	0	0
<i>total</i>	<i>1</i>	<i>0</i>	<i>2</i>	<i>0</i>	<i>0</i>	<i>3</i>