

Golden Gate Neighborhood Pedestrian Safety Project

	<p>Proposed Sidewalk Location Palm Lane 35th to 37th Avenues (south side) 36th Avenue - Palm Lane to McDowell Road (both sides)</p>
	
	 <p>Proposed HAWK Location 35th Avenue at Palm Lane</p>

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

Golden Gate Neighborhood Pedestrian Safety Project

City of Phoenix

**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)

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)		
<input type="checkbox"/>	Shared-use path (10' min.)		Other:
<input type="checkbox"/>	Detached Sidewalk with 4' min. buffer	<input type="text" value="HAWK Pedestrian signal across arterial street"/>	
<input checked="" 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="text" value="0"/>	Number of new openings in street walls
<input type="checkbox"/>	Tunnel (underpass)	<input type="text" value="0"/>	Number of Trees
<input checked="" type="checkbox"/>	Safe Routes to School	<input type="text" value="0"/>	Number of Shade Structures
<input type="text" value="0"/>	Signalized Crossing	<input type="text" value="0"/>	Number of Seating/Rest Area(s)
<input type="text" value="1"/>	Signalized midblock crossing/HAWK	<input type="text" value="0"/>	Number of bicycle/pedestrian counting devices
<input type="text" value="1"/>	Countdown Pedestrian Signal		Other:
<input type="text" value="0"/>	Number of Bike racks/lockers	<input type="text"/>	
<input type="text" value="0"/>	Number of Drinking Fountains		
<input type="text" value="0"/>	Number of Way-finding Signs		
<input type="text" value="0"/>	Number of Trash receptacles		

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

Currently sidewalk, curb and gutter is missing along the most of the south side and a portion of the north side of Palm Lane between 37th Avenue and 35th Avenue and a portion of the north side. Sidewalk, curb and gutter is missing from both sides of 36th Avenue between Palm Lane and McDowell Road. Also the school crossing of 35th Avenue between Palm Lane and Granada Road is a 15 mph school zone with high visibility marked but unsignalized school crosswalk and crossing guards during arrival and dismissal times.

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

Funding for this project would allow the city to complete the sidewalk, curb and gutter along Palm Lane between 37th and 35th Avenues and would allow for the installation of sidewalk, curb and gutter on 36th Avenue between Palm Lane and McDowell Road. It would also allow the design and installation of a HAWK signal at the school crossing on 35th Avenue between Palm Lane and Granada Road.

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

The City of Phoenix and the Isaac School District hope that by completing the sidewalk project, this will allow students walking to school from this neighborhood to do so without walking in mud or through the street or around parked cars. It is also expected that the curbing will provide a better barrier between moving vehicles and pedestrians. It is hoped that the HAWK signal at the school crossing on 35th Avenue will allow for a safer crossing of this busy arterial street than static signs currently in place.

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.

From 2008 - 2012 there were 360 pedestrian and bike crashes with two miles of this Segment. Of those 305 resulted in an injury and 29 in a fatality. 84 pedestrians and bicyclist were children under the age of 18, 25 of those hit during school hours. 258 males and 98 females were struck (4 person's gender was unknown.) 226 of these collisions were reported during daylight leaving 134 occurring at night or twilight.

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

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

PART B-PROJECT DESCRIPTION	
8. How does this project improve upon an existing safety issue?	The sidewalk portion of the project will allow for a designated walking path that is separated from vehicles. The HAWK signal will allow for safer crossing of a wide multi-lane arterial street (35th Avenue)
9. How does the project improve ADA facilities for persons with disabilities?	The sidewalk installation portions of the project will be fully ada compliant but more importantly will allow persons with disabilities a place to walk that is separate from vehicles. The HAWK signal will allow for positive stop control of the pedestrian crossing with or without the presence of a school crossing guard.
10. How does the project create a sense of place?	The sidewalks and the HAWK will improve pedestrian mobility inside the neighborhood and strengthen the bonds that come with vibrant pedestrian activity. They will also help improve neighborhood connectivity.
11. Connectivity: (Check all that apply)	<div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> Project fills a gap in the system Explain: New sidewalks will link with existing sidewalks along Palm Lane and elsewhere, HAWK will help connect</div> <div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> Project connects to other local bikeways List of connected bikeways: Safe biking route through neighborhood directs children down Palm Lane and 36th Avenues to School Zone</div> <div style="margin-bottom: 5px;"><input type="checkbox"/> Multi Jurisdictional Project List of Participating Jurisdictions: <div style="background-color: #e0ffe0; height: 20px; width: 100%;"></div></div> <div style="margin-bottom: 5px;"><input type="checkbox"/> 0.5 Total length of facilities connected by this project (in miles)</div>
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.	<div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 2 Within 1/4 mile List routes and frequency: Bus Route 17 - McDowell Road Route - 61 east/westbound trips per weekday (approx. 3.6 trips/hr) Bus Route 35 - 35th Avenue Route - 41 north/southbound trips per weekday (approx 2.4 trips/hr)</div>
13. Number of major transit facilities (park and rides, transit centers, etc.) served by this project:	<div style="margin-bottom: 5px;"><input checked="" type="checkbox"/> 0 Within 1/4 mile List: None</div>
14. Describe how this project will improve access from nearby neighborhoods and/or adjacent uses:	The sidewalk project will connect pre-existing sidewalks within the neighborhood along Palm Lane and 36th Avenue to pre-existing sidewalks along major arterial boarders to the neighborhood including 35th Avenue (Palm Lane sidewalk) and McDowell Road (36th Avenue sidewalk). The HAWK crossing at 35th Avenue will then allow students and neighborhood residents safer and more convenient access to and from the neighborhood.

PART B-PROJECT DESCRIPTION	
<p>15. Number of activity centers (parks, libraries, senior centers, recreational centers, etc.) this project will benefit:</p> <p><input type="text" value="3"/> Within 1/4 mile List: <input type="text" value="Isaac Middle School, Hierbreria Y Libreria (Isaac Learning Center), Golden Gate Community Center"/></p>	
<p>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):</p> <p><input type="text" value="2"/> Within 1/4 mile List: <input type="text" value="Isaac School District Office, Isaac Middle School"/></p>	
<p>17. Number of K-8 public schools this project will benefit:</p> <p><input type="text" value="3"/> Within 1/4 mile List: <input type="text" value="Mitchell School, Isaac Middle School, JB Sutton Elementary School"/></p>	
<p>18. Number of other schools (charter schools, high schools, colleges, and universities) this project will benefit:</p> <p><input type="text" value="0"/> Within 1/4 mile List: <input type="text" value="None"/></p>	
<p>19. What are the demographics of the area served:</p> <p><input type="text" value="9300"/> People Per Square Mile <input type="text" value="6"/> % Families in Poverty</p>	<p>MAG Demographic Mapping</p> <p>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.</p>

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:

Sidewalk: Palm Lane 37th to 35th Avenues and 36th Avenue
Palm Lane to McDowell Road

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

HAWK: Palm Lane and 35th Avenue

Federal Functional Classification of the Facility:

Major Arterial

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

Type of Facility the Improvement will be located on:

Residential Road

0.5 Length (in Miles)

25 Posted Speed Limit (MPH)

2 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.

32,445 ADT Estimate

5/14/12 Date Counted

Name of road the traffic count was taken from

35th Avenue McDowell Road to Encanto Boulevard

Description of Methodology and Source used for the ADT Estimate

Traffic counts consisted of 24 hour average over two days. Count was conducted using pneumatic tubes.

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.

None

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.

None, all sidewalk curb and gutter would be installed within city right-of-way and HAWK signal is completely within city 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

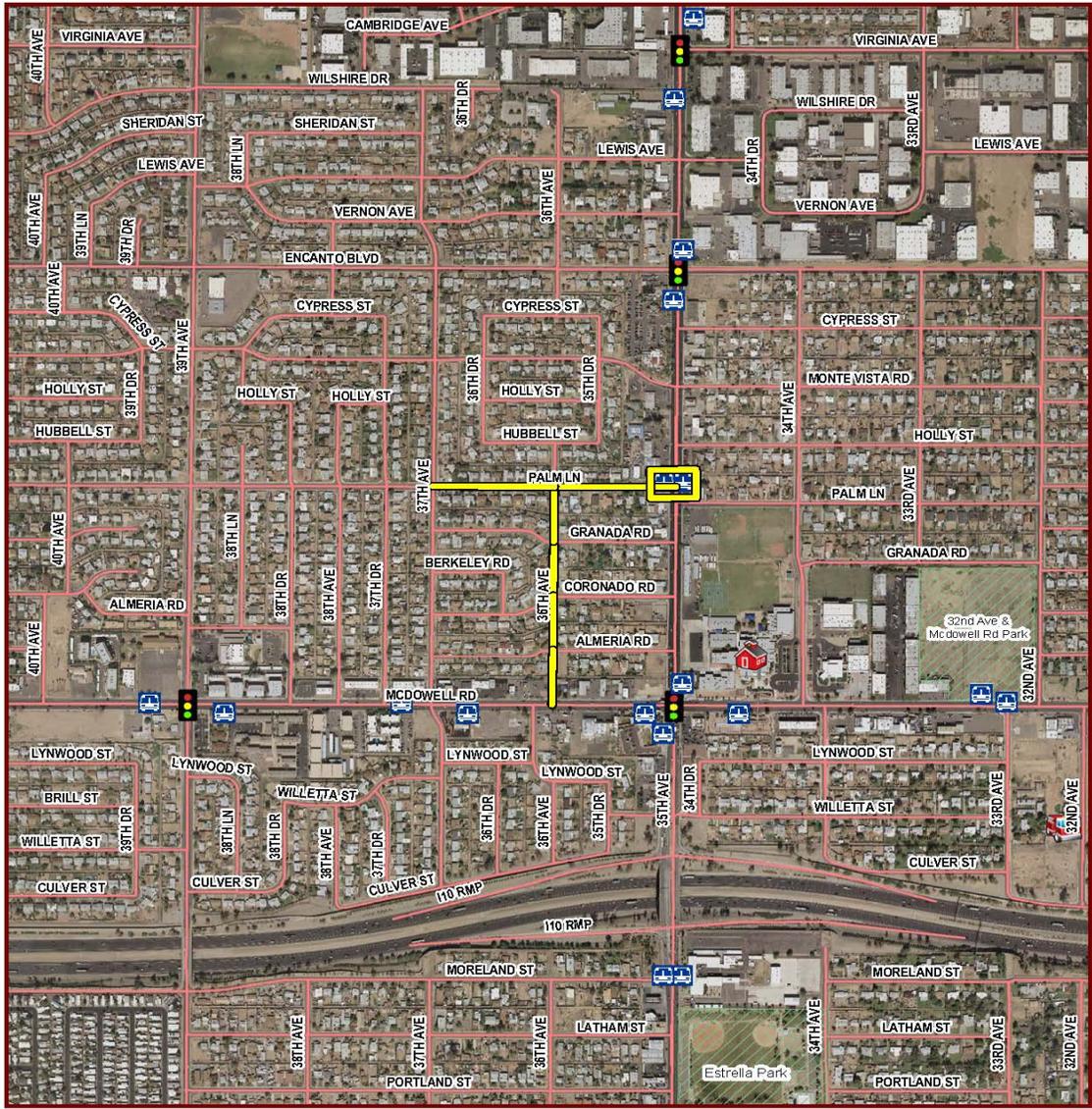
Other:

PART B-PROJECT DESCRIPTION															
26. Please describe any utility conflicts that will need to be addressed.	<div style="border: 1px solid black; background-color: #e0ffe0; height: 60px; padding: 5px;">None</div>														
27. Guidelines used to develop project: (Check all that apply)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;"><input type="checkbox"/></td> <td style="width: 45%;">AASHTO Guide for Bicycle Facilities</td> <td style="width: 40%;">Other:</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>MAG Pedestrian Policies and Design Guidelines</td> <td rowspan="5" style="border: 1px solid black; background-color: #e0ffe0; height: 40px;"></td> </tr> <tr> <td><input checked="" 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	Other:	<input checked="" 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"/>	NACTO Urban Bikeway Design Guide	<input type="checkbox"/>	RPTA Bus Stop Program and Standards
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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: center;"><input type="checkbox"/> Recommended</td> </tr> <tr> <td>With new development and capital improvement projects, bike lanes on collector streets are:</td> <td style="text-align: center;"><input type="checkbox"/> Required</td> </tr> <tr> <td>With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:</td> <td style="text-align: center;"><input type="checkbox"/> Recommended</td> </tr> <tr> <td>With new development or during development retrofits, shared-use paths are:</td> <td style="text-align: center;"><input type="checkbox"/> Recommended</td> </tr> <tr> <td>Bicycle program implemented, including bike education, safety events, and bike maps</td> <td style="text-align: center;"><input type="checkbox"/> Yes</td> </tr> <tr> <td>Complete Streets Policy</td> <td style="text-align: center;"><input type="checkbox"/> No</td> </tr> </table>	With new development and capital improvement projects, bike lanes on arterial streets are:	<input type="checkbox"/> Recommended	With new development and capital improvement projects, bike lanes on collector streets are:	<input type="checkbox"/> Required	With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	<input type="checkbox"/> Recommended	With new development or during development retrofits, shared-use paths are:	<input type="checkbox"/> Recommended	Bicycle program implemented, including bike education, safety events, and bike maps	<input type="checkbox"/> Yes	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: 15%;"><input type="checkbox"/></td> <td style="width: 85%;">Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source) List: <div style="border: 1px solid black; background-color: #e0ffe0; height: 20px; margin-top: 5px;"></div></td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Consistent with general policy/practices, but not formally identified (provide source) Explain: <div style="border: 1px solid black; background-color: #e0ffe0; padding: 2px; margin-top: 5px;">General plan calls for improvements to neighborhood connectivity and pedestrian safety</div></td> </tr> <tr> <td><input type="checkbox"/></td> <td>Not addressed by jurisdiction's plans, policies, or practices Explain: <div style="border: 1px solid black; background-color: #e0ffe0; height: 20px; margin-top: 5px;"></div></td> </tr> </table>	<input type="checkbox"/>	Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source) List: <div style="border: 1px solid black; background-color: #e0ffe0; height: 20px; margin-top: 5px;"></div>	<input checked="" type="checkbox"/>	Consistent with general policy/practices, but not formally identified (provide source) Explain: <div style="border: 1px solid black; background-color: #e0ffe0; padding: 2px; margin-top: 5px;">General plan calls for improvements to neighborhood connectivity and pedestrian safety</div>	<input type="checkbox"/>	Not addressed by jurisdiction's plans, policies, or practices Explain: <div style="border: 1px solid black; background-color: #e0ffe0; height: 20px; margin-top: 5px;"></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: #e0ffe0; padding: 5px; min-height: 60px;">City of Phoenix Street Maintenance Division (sidewalks) and Traffic Services Division (HAWK)</div>														
31. How will the applicant measure the success of this project?	<div style="border: 1px solid black; background-color: #e0ffe0; padding: 5px; min-height: 60px;">Success of sidewalk enhancement will be measured through periodic video or manual counts of neighborhood pedestrian traffic activity. HAWK utilization will be measured through actuation counts.</div>														
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: #e0ffe0; padding: 5px; min-height: 60px;">HAWK signals will provide automatic updates of actuations.</div>														
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: #e0ffe0; padding: 5px; min-height: 60px;">If funded, Street Transportation Department staff will provide neighborhood outreach and education on new walking routes and HAWK signal use.</div>														

Part C - Required Attachments

Required Attachment 1

Golden Gate Neighborhood Pedestrian Improvement Project



Project Location



Bus Stops



School Locations



Fire Station



Required Attament 2

35th Ave & Palm Ln Looking Southbound



35th Ave & Palm Ln Looking Northbound

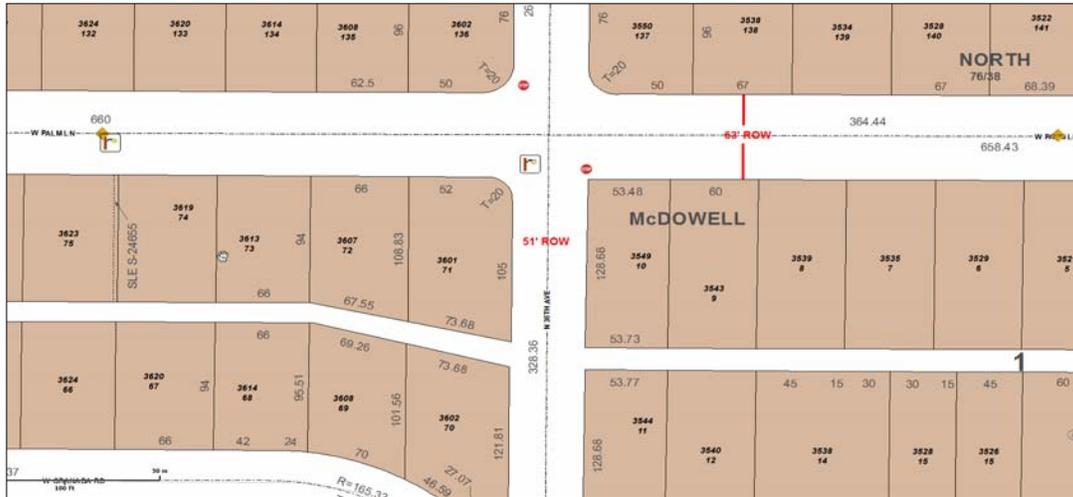


Palm Ln and 36th Ave Birds Eye Looking Northbound

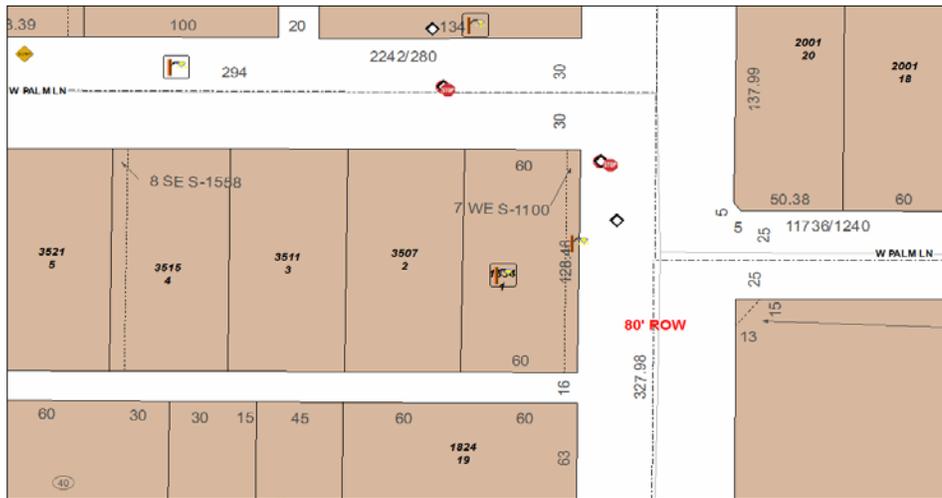


Required Attament 3

36th Av & Palm Ln



35th Av & Palm Ln



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 Phoenix **Project Title:** Golden Gate Community Sidewalks **Application Date:**

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	\$10,000.00	\$10,000.00	No	\$0.00	\$10,000.00		
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$4,000.00	\$4,000.00	No	\$0.00	\$4,000.00		
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1	\$15,000.00	\$15,000.00	No	\$0.00	\$15,000.00		
	4. HAZMAT ASSESSMENT	LS	1	\$2,500.00	\$2,500.00	No	\$0.00	\$2,500.00		
	Subtotal Scoping (Part A)				\$31,500.00		\$0.00	\$31,500.00		
B. Final Preliminary Engineering Design - Stages II, III, IV And	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$93,000.00	\$93,000.00	No	\$0.00	\$93,000.00		
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$5,000.00	\$5,000.00	No	\$0.00	\$5,000.00		
	3. DRAINAGE REPORT	LS	1	\$2,500.00	\$2,500.00	No	\$0.00	\$2,500.00		
	4. SWPPP	LS	1	\$2,500.00	\$2,500.00	No	\$0.00	\$2,500.00		
	Subtotal PE (Part B)				\$103,000.00		\$0.00	\$103,000.00		
Subtotal Preliminary Engineering (Part A + Part B)					\$134,500.00		\$0.00	\$134,500.00		
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	LS	1	\$12,500.00	\$12,500.00	No	\$0.00	\$12,500.00		
Subtotal Right-of-Way Acquisition (Part C)					\$12,500.00		\$0.00	\$12,500.00		
D. Utility Relocation	1. Utility Relocation	LS	1	\$18,050.00	\$18,050.00	No	\$0.00	\$18,050.00		
Subtotal Utility Relocation (Part D)					\$18,050.00		\$0.00	\$18,050.00		
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	\$5.00	\$5.00	Yes	\$4.72	\$0.29
			Remove Structures and Obstructions	LS	21	\$1,000.00	\$21,000.00	Yes	\$19,803.00	\$1,197.00
			Remove Fencing	LF	60	\$35.00	\$2,100.00	Yes	\$1,980.30	\$119.70
			Remove Structural Concrete	CY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00
			Remove Asphaltic Concrete Pavement	SY	555	\$30.00	\$16,650.00	Yes	\$15,700.95	\$949.05
			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	Each	1	\$4,000.00	\$4,000.00	Yes	\$3,772.00	\$228.00
			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	1,581	\$18.00	\$28,458.00	Yes	\$26,835.89	\$1,622.11
		Aggregate Base		TON	1	\$115.00	\$115.00	Yes	\$108.45	\$6.56
		Pathway Or Sidewalk Materials	Concrete	SF	10,784	\$4.00	\$43,136.00	Yes	\$40,677.25	\$2,458.75
			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		

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		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			
		Crosswalk Enhancement	Integral Color Concrete	SF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
		Pedestrian ADA Ramp		Each	14	\$1,850.00	\$25,900.00	Yes	\$24,423.70	\$1,476.30		
		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						\$141,364.00		\$133,306.25	\$8,057.75	
		E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	2. Landscaping & Irrigation Items	Design 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		
Seeding				Acre	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
Turf Sod				SY	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
Boulders				Each	1	\$0.00	\$0.00	Yes	\$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		
Sleeving For Irrigation System	Directional Bore			LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
	Cut and Patch			LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
Landscape Header Curb				LF	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
Landscape Establishment				LS	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00		
Subtotal Landscaping & Irrigation Items						\$0.00		\$0.00	\$0.00			
	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	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00			
		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						\$0.00		\$0.00	\$0.00	
	4. Other Construction Items. Also,	Bicycle and Pedestrian Counter	Each	1	\$0.00	\$0.00	Yes	\$0.00	\$0.00			
		Driveway Entrances	SF	216	\$15.00	\$3,240.00	Yes	\$3,055.32	\$184.68			
		Alley Entrances	SF	64	\$13.00	\$832.00	Yes	\$784.58	\$47.42			
		Truncated Domes	SF	126	\$24.00	\$3,024.00	Yes	\$2,851.63	\$172.37			

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 Phoenix **Project Title:** Golden Gate Community Sidewalks **Application Date:**

Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
	Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows if Necessary)	Subgrade Preparation	SY	1,194	\$8.00	\$9,552.00	Yes	\$9,007.54	\$544.46
		AC Pavement (Surface Course)	SY	141	\$90.00	\$12,690.00	Yes	\$11,966.67	\$723.33
		AC Pavement (Base Course)	TON	141	\$115.00	\$16,215.00	Yes	\$15,290.75	\$924.26
		Tack Coat	TON	1	\$500.00	\$625.00	Yes	\$589.38	\$35.63
		Remove verticle curb and gutter	LF	630	\$5.00	\$3,150.00	Yes	\$2,970.45	\$179.55
		Hawk Pedestrian light	LS	1	\$250,000.00	\$250,000.00	Yes	\$235,750.00	\$14,250.00
		Sutotal Other Construction				\$299,328.00		\$282,266.30	\$17,061.70
	5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	\$0.00	\$0.00	No	\$0.00	\$0.00
		Traffic Control	LS	1	\$4,200.00	\$4,200.00	Yes	\$3,960.60	\$239.40
		Construction Survey & Layout	LS	1	\$3,000.00	\$3,000.00	Yes	\$2,829.00	\$171.00
		Construction Contingencies	LS	1	\$60,600.00	\$60,600.00	Yes	\$57,145.80	\$3,454.20
		Construction Administration	LS	1	\$149,458.00	\$149,458.00	Yes	\$140,938.89	\$8,519.11
		Subtotal Mobilization & Administration Costs				\$217,258.00		\$204,874.29	\$12,383.71
		Subtotal Construction Or Implementation Cost (Part E)				\$657,950.00		\$620,446.85	\$37,503.15
	F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)					\$823,000.00		\$620,446.85	\$202,553.15
G. Adot Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part F))					\$20,000.00	No	\$0.00	\$20,000.00	
H. Total Project Cost Including ADOT Fees (Part F + Part G)					\$843,000.00		\$620,446.85	\$222,553.15	

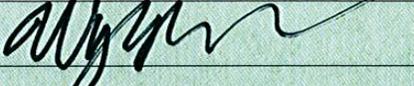
PART E - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS

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

Cost Estimate for the Project Including ALL Segments	Cost	Additional Notes (if needed)			
1. ADOT Fee	\$20,000				
2. Design	\$134,500				
3. Right of way	\$12,500				
4. Utilities	\$18,050				
5. Construction	\$657,950				
6. Total Cost	\$843,000				
7. Will the agency maintain the improvement after it is completed?		Yes			
8. Expected Annual Maintenance Cost		1,500			
9. Identify Source of Maintenance Funds		City of Phoenix Street Transportation Operating Funds			
Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
10. Design	FY15	General Fund	\$134,500	Not Available	\$134,500
11. ADOT Fee	FY15	General Fund	\$20,000	Not Available	\$20,000
12. Right of way and Utilities	FY15	General Fund	\$30,550	Not Available	\$30,550
13. Construction	FY16	General Fund	\$37,503	\$620,447	\$657,950
14. Total Costs			\$222,553	\$620,447	\$843,000

SIGNATURE(S):

As a 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 agency's local CIP/TIP if the project is selected for federal funding.


Wylie Beal, PE PhD
City of Phoenix Street Transportation Director
10/22/2013

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

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, projects that include more signatures will be ranked higher.

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

District official (required):

Enforcement Official (required):
