

PEDESTRIAN, BICYCLE and SHARED-USE FACILITY PROJECT APPLICATION

General Instructions:

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

This application form includes:

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

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

Deadlines and Transmittal Instructions:

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

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

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

<mailto:state@azmag.gov>

<mailto:tkennedy@azmag.gov>

<mailto:MDeCindis@azmag.gov>

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

PART A - CONTACT AND PROJECT DESCRIPTION

Contact Information	
1. Sponsoring Agency	Litchfield Park
2. Contact Name	Darryl H. Crossman
3. Phone	623-935-5033
4. E-Mail Address	dcrossman@litchfield-park.org
5. Mailing Address	214 W. Wigwam Boulevard Litchfield Park, Arizona 85340

Project Description	Old Litchfield Road Pedestrian Sidwalk Project
6. Please provide the Project Title.	
7. Please provide a general description of the project (Please no more then 200 characters)	
<p>This project proposes to provide a sidewalk connection/link from historic old town Litchfield in Litchfield Park to areas on the north side of the litchfield park area. The sidewalk connection along old Litchfield road would serve to bridge a link along the west side of old Litchfield road from west fairway drive to Bird Lane. This sidewalk link forms a connection between the following areas in order from the south to the north side of historic Litchfield Park: Stagg Park and Soccer Fields, the City lake, three churches, the City Recreational Center, the City Library, Litchfield Park Elementary School, restaurants and shopping areas within the heart of the historic old Litchfield Park just north of Wigwam Boulevard. Towards the north side of Litchfield, the sidewalk corridor connects the La Loma Medical facility with commercial areas at Camelback and Litchfield Bypass with eventual connection at Bird Lane and subsequently along the west side of old Litchfield Road. Moreover, the corridor fits into the area setting along Old Litchfield Road whereby the sidewalk corridor is proposed to be located within an 'arcade' of old growth palm trees and orange trees providing a desire for pedestrians to use the facility.</p>	
8. Please attach a map with streets labeled showing the location(s) of the bicycle/shared-use facility.	Please attach map with transmittal

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

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

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

CMAQ Funding Eligibility

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

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

Section 1 - Project Description

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

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

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

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

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

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

Federal Functional Classification of the Facility

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

Type of Facility the Improvement will be located on

Length (in Miles)

Posted Speed Limit (MPH)

Through Lanes

The application submission will include ArcGIS shapefiles.

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

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

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

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

ADT Estimate

Date Counted

Name of road the traffic count was taken from

Description of Methodology used for the ADT Estimate

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

Describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

7. Current ROW: (Check all that apply)

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

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

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

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

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

Pipelines, Sewer and Water
 Private Structures
Other

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

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

None noted

Section 2 - Proposed Improvements

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

The proposed work will install a 5 inch thick-portland cement concrete sidewalk thatg is 6 foot wide along the west side of Old Litchfield Road . The work will include earth excavation, subgrade preparation. Incidental obstruction removal of bushes that are adjacent to driveways along with installation of concrete ADA ramps at three local intersections and at both commercial and residential driveways to meet lines and grades for ADA complainece. Final restoration of landscaping in the form of seeding will be the final component of the project.

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

<input checked="" type="checkbox"/>	AASHTO Guide for Bicycle Facilities	Other	ADA, ADAAG and PROWAG
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines		
<input type="checkbox"/>	MAG Complete Streets Guide		

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

The proposed corridor fits into the area setting and theming along Old Litchfield Road whereby the sidewalk corridor is proposed to be located within an 'arcade' of old growth palm trees and orange trees providing a desire for pedestrians to use the facility. When completed, this facility also ties into the City's muli use pathway system of over three miles which eventually connects to adjacent town's and cities transit and pedestrian sidewalk facilities in Avondale and Goodyear.

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

Turf surface that is level but no hard/ADA traversable route

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

<input type="checkbox"/>	Wide bike lanes (6'-7')	Buffer Zone, Width	
<input type="checkbox"/>	Grade-separated crossing (overpass or underpass)		
<input type="checkbox"/>	Signalized crossing		
<input type="checkbox"/>	Path lighting	Other	

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

<input type="checkbox"/>	Wide sidewalk (8' min.)	Buffer Zone, Width	Nominal 8 foot offset from Old Litchfield Road
<input type="checkbox"/>	Grade-separated crossing (overpass or underpass)		
<input type="checkbox"/>	Signalized crossing		
<input type="checkbox"/>	Path lighting	Other	
<input checked="" type="checkbox"/>	Shade		

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

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

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

Number of Trees/shade structures

Other

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

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

Number of Trees/shade structures

Other

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

This project reduces potential conflicts between motor vehicles and students who walk/bike to school by removing the walking and bicycling school children from the Old Litchfield Road street/vehicle lanes of traffic and places them now on a completed sidewalk project. Completing this critical sidewalk project link also reduces the ongoing potential of indiscriminant school children crossing Old Litchfield Road to the east side of the road.

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

This proposed sidewalk facilities will provide a hard traversable surface for wheelchairs, scooters, walkers, etc. with ramps at all intersections along the corridor. This corridor will also remove the physically challenged persons from the roadway and transfer them to the sidewalk.

19. Connectivity: (Check all that apply)

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

Project is on a regional facility
Regional Facility Name

Multi Jurisdictional Project
List of Participating Jurisdictions

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

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

Miles of facilities connected

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

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

- Within 1/4 mile
List:
- 1/4 mile to 1/2 mile
List:
- 1/2 mile to 1 mile
List:

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

- Within 1/4 mile
List:
- 1/4 mile to 1/2 mile
List:
- 1/2 mile to 1 mile
List:

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

- Within 1/4 mile
List:
- 1/4 mile to 1/2 mile
List:
- 1/2 mile to 1 mile
List:

24. What are the demographics of the area served:

- Housing Density (Number of dwelling units per acre) within 1/2 mile
- The project is in a block group where the average household income is less than \$26,000/year (Use blockgroup data from the Census 2010)
- The project is in an area that serves adults over the age of 60 years (Use blockgroup data from the Census 2010)

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

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

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

26. The project is: (Check one)

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

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

School out reach, publication within the quarterly city news letter, city website

28. How will you determine customer satisfaction/evaluation?

general outreach and surveying during annual town hall meetings and general calls to the public during town council

PART C - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS

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

Cost Estimate for the Project Including ALL Segments	Cost	Optional (Additional Notes)
1.ADOT Fee	20,000	None
2. Design	118,500	None
3. Right of way	0	No acquisition of right-of-way needed
4. Utilities	0	No utility conflicts anticipated
5. Construction	244,340	None
6. Contingency	8,750	None
7. Total Cost	382,840	None

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

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

Yes

10. Expected Annual Maintenance Cost

0	
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Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
11. Design	2013	HURF	118,500	Not Available	118,500
12. Right of way and Utilities	2013	HURF	0	Not Available	0
13. Construction	2015	HURF	30,430	213,911	244,341
			148,930	213,911	362,841

Pedestrian, Bicycle and Shared-Use Facility Project Application from Litchfield Park for 'Old Litchfield Road Pedestrian Sidwalk Project'

PART D - SIGNATURE AND CHECKLIST

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

Signature: 

Name: Woodrow "Woody" Scoutten, PE

Title: City of Litchfield Park-City Engineer

Date: September 19,2012

WILL FILL OUT AFTER QUESTIONS APPROVED.

Checklist - OPTIONAL

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

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

Pedestrian, Bicycle and Shared-Use Facility Project Application from Litchfield Park for 'Old Litchfield Road Pedestrian Sidwalk Project'

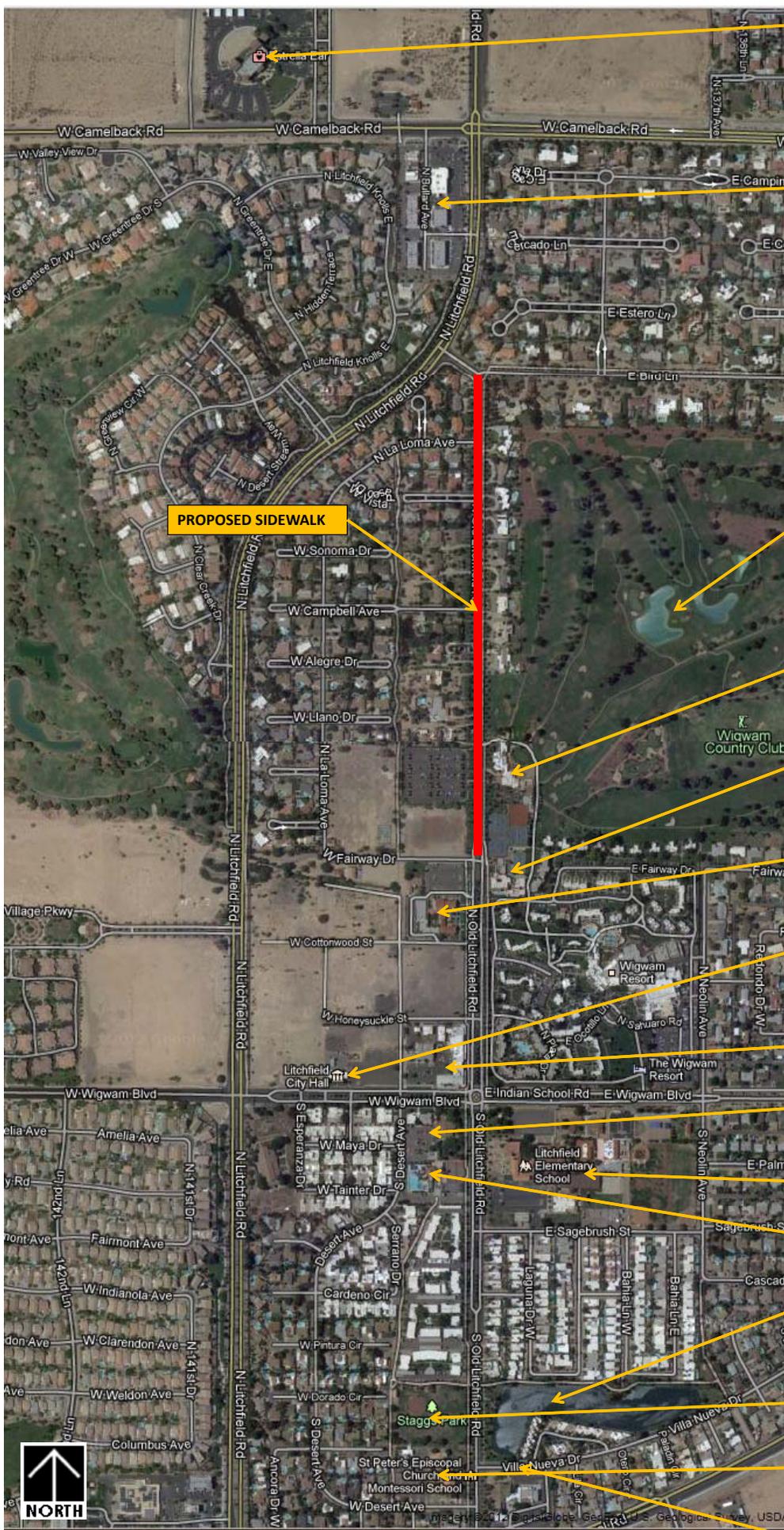
Pedestrian/Bicycle Cost Estimation Form

Design Funding	Locally Funded										
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	\$3,500.00	\$3,500.00	FALSE	\$0.00	\$3,500.00		
	2. PROJECT ASSESSMENT REPORT OR DETAILED WORKPLAN		LS	1	\$10,000.00	\$10,000.00	FALSE	\$0.00	\$10,000.00		
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting		LS	1	\$35,000.00	\$35,000.00	FALSE	\$0.00	\$35,000.00		
	4. HAZMAT ASSESSMENT		LS	1	\$5,000.00	\$5,000.00	FALSE	\$0.00	\$5,000.00		
Subtotal Scoping (Part A)						\$53,500.00	\$0.00	\$53,500.00			
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Right-of-Way Acquisition		LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
	2. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.		LS	1	\$60,000.00	\$60,000.00	FALSE	\$0.00	\$60,000.00		
	3. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report		LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
	4. DRAINAGE REPORT		LS	1	\$0.00	\$0.00	FALSE	\$0.00	\$0.00		
	5. SWPPP		LS	1	\$5,000.00	\$5,000.00	FALSE	\$0.00	\$5,000.00		
Subtotal PE (Part B)						\$65,000.00	\$0.00	\$0			
C. Construction Or Implementation For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4	1. Hardscape Construction	Installation of SWPP Measures		LS	1	\$7,500.00	\$7,500.00	TRUE	\$7,072.50	\$427.50	
		Site Preparation		LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Demolition	Sawcut		LF	1,020	\$2.00	\$2,040.00	TRUE	\$1,923.72	\$116.28
			Remove Structures and Obstructions		LS	1	\$10,000.00	\$10,000.00	TRUE	\$9,430.00	\$570.00
			Remove Fencing		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			Remove Structural Concrete		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			Remove Asphaltic Concrete Pavement		CY	132	\$25.00	\$3,300.00	TRUE	\$3,111.90	\$188.10
		Remove Concrete Sidewalks, Slabs		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Hazmat Abatement		LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Utility Relocation		LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Retaining Wall - Reinforced Concrete Cantilevered		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Earthwork	General Excavation		CY	590	\$12.00	\$7,080.00	TRUE	\$6,676.44	\$403.56
			Drainage Excavation		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			Structural Excavation		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			Structural Backfill		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
	Borrow (In Place)		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Curb & Gutter		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Aggregate Base		CY	260	\$8.00	\$2,080.00	TRUE	\$1,961.44	\$118.56		
	Pathway Or Sidewalk Materials	Concrete		SF	16,500	\$6.00	\$99,000.00	TRUE	\$93,357.00	\$5,643.00	
		Colored Concrete		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Stamped Color Concrete		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Precast Concrete Pavers		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Asphaltic Concrete		Ton	20	\$75.00	\$1,500.00	TRUE	\$1,414.50	\$85.50	
		Polymer or Resin Stabilized Surface		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Crosswalk Enhancement	Concrete Pavers		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Stamped Asphalt		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Stamped Concrete		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Integral Color Concrete		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Pedestrian ADA Ramp		SF	1,500	\$25.00	\$37,500.00	TRUE	\$35,362.50	\$2,137.50		
	Culvert Extensions		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Pedestrian Lighting Including Conduit And Trenching		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Handrail	Standard		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Decorative		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
	Subtotal Hardscape Construction						\$170,000.00		\$160,310.00	\$9,690.00	
	2. Landscaping & Irrigation Items	Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Trees (15 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Trees (5 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Shrubs (5 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Shrubs (1 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Cactus (5 Gallon Size)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Mulch	Decomposed Granite		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
			Organic		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00
		Topsoil		CY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Seeding		Acre	0.25	\$19,360.00	\$4,840.00	TRUE	\$4,564.12	\$275.88	
		Turf Sod		SY	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
Boulders		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			
Irrigation System		Drip		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
		Turf		SF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00	
Sleeving For Irrigation System		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			
Directional Bore		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			
Cut and Patch		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			
Landscape Header Curb		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			
Landscape Establishment		LS	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00			
Subtotal Landscaping & Irrigation Items						\$4,840.00		\$4,564.12	\$275.88		
3. Site Furnishings	Benches		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Seatwalls		LF	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Bike Racks		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Trash Receptacles		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Drinking Fountains		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Signage (Standard Traffic Control)		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Tree Grates		Each	1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Subtotal Site Furnishings						\$0.00		\$0.00	\$0.00	
4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows if Necessary)				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
				1	\$0.00	\$0.00	TRUE	\$0.00	\$0.00		
	Subtotal Other Construction						\$0.00		\$0.00	\$0.00	
5. Mobilization And Administration Costs	Contractor Mobilization		LS	1	\$17,500.00	\$17,500.00	FALSE	\$0.00	\$17,500.00		
	Traffic Control		LS	1	\$10,000.00	\$10,000.00	TRUE	\$9,430.00	\$570.00		
	Construction Survey & Layout		LS	1	\$1,750.00	\$1,750.00	TRUE	\$1,650.25	\$99.75		
	Construction Contingencies		LS	1	\$8,750.00	\$8,750.00	TRUE	\$8,251.25	\$498.75		
	Construction Administration		LS	1	\$31,500.00	\$31,500.00	TRUE	\$29,704.50	\$1,795.50		
	Subtotal Mobilization & Administration Costs					\$69,500.00		\$49,036.00	\$20,464.00		
Subtotal Construction Or Implementation Cost (Part C)						\$244,340.00		\$213,910.12	\$30,429.88		
D. Total Scoping, PE and Construction (Part A, B, and C)						\$362,840.00		\$213,910.12	\$83,929.88		
E. Adot Fee For Pe Reviews And Staff Charges (The higher of \$20,000 or 2% of Total Cost (Part D))						\$20,000.00	FALSE	\$0.00	\$20,000.00		
F. Total Project Cost Including ADOT Fees (Part D + Part E)						\$382,840.00		\$213,910.12	\$103,929.88		



PROPOSED SIDEWALK PROJECT CROSS-SECTION - LOOKING NORTH AT OLD LITCHFIELD ROAD

SCHEMATIC ONLY



LA LOMA MEDICAL CENTER

CORNER COMMERCIAL CENTER

PROPOSED SIDEWALK

WIGWAM GOLF COURSE

RESTAURANT AT LITCHFIELD

ELIZABETH ARDERNS DAY SPA

CHURCH AT LITCHFIELD PARK

CITY OF LITCHFIELD PARK CITY HALL

HISTORIC OLD TOWN RESTAURANTS AND SHOPPING

LIBRARY

LITCHFIELD ELEMENTARY SCHOOL

RECREATIONAL CENTER

CITY LAKE

STAGGE PARK AND SOCCER FIELD

ST PETER'S EPISCOPAL CHURCH

DESERT SPRINGS BAPTIST CHURCH



OLD LITCHFIELD ROAD SIDEWALK PROJECT

City of Litchfield Park



Two (2) mile radius

Litchfield Elementary School Location

Legend

- Elementary School

City of Litchfield Park
Map of Litchfield Park, Arizona
1500 N. Litchfield Rd., Box 310
Litchfield Park, AZ 85146
October 2009
Revised December 2009
This GIS Map is a limited representation
intended for planning purposes only.



AT FAIRWAY LOOKING NORTH TO OLD LITHFIELD ROAD



LOOKING NORTHBOUND TO OLD LITHFIELD ROAD



OLD LITCHFIELD ROAD LOOKING NORTH



OLD LITCHFIELD ROAD LOOKING SOUTH



OBSTRUCTION CLEARING AT OLD LITCHFIELD ROAD



SIGHT VISIBILITY RESTRICTED BY LANDSCAPING ELEMENTS



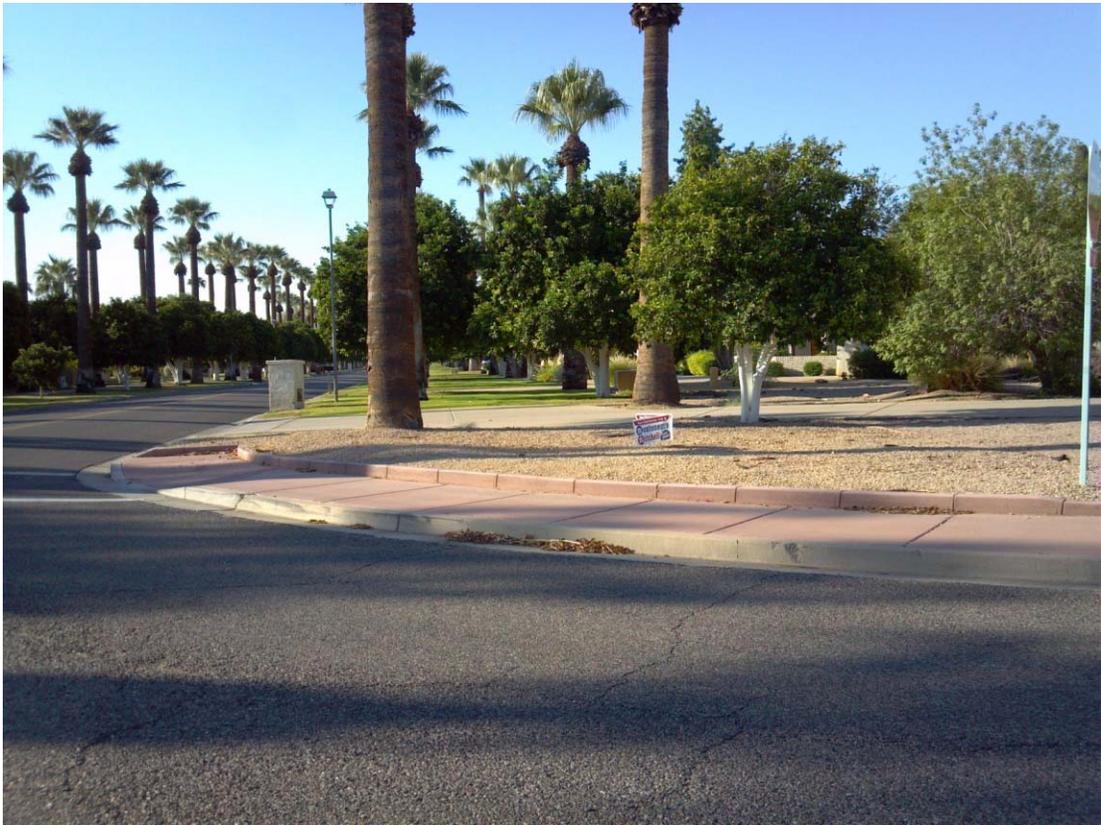
OLD LITCHFIELD ROAD LOOKING NORTH AT LA LOMA



AT LA LOMA LOOKING SOUTH TO OLD LITCHFIELD ROAD



OLD LITCHFIELD ROAD LOOKING NORTH TO BIRD LANE



BIRD LANE LOOKING SOUTH TO OLD LITCHFIELD ROAD