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

Mountain View Safe Streets/Safe Routes to School Project

City of Phoenix

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

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

Phoenix: Mountain View Safe Streets/Safe Routes to School Project

PART A - CONTACT AND PROJECT DESCRIPTION

Contact Information

1. Name of Sponsoring Agency	Phoenix
2. Agency Contact Name	Eileen Yazzie
3. Phone Number of Agency Contact	(602) 534-5692
4. E-Mail Address of Agency Contact	eileen.yazzie@phoenix.gov
5. Mailing Address of Agency Contact	200 W Washington Phoenix, Arizona 85003 5th Floor

Project Description

6. Please provide the Project Title.	Mountain View Safe Streets/Safe Routes to School Project

7. Please provide a concise, specific description of the project (250 character limit):

To install missing and incomplete sections of sidewalk, curb and gutter, ADA ramps and Lighting for the neighborhood west of Mountain View Elementary. The City of Phoenix estimates that the total adjusted cost of this project would be $1,910,885. The City is requesting $1,419,064 in federal funding and would provide $491,821 in matching funds. If approved in full, the city would finish construction on this project in FY20. All work would be designed and built to current city, state and federal standards and once operational would be maintained by the City of Phoenix.

8. Please provide the project limits:

The project area is bounded by Peoria Avenue to the north, Mountain View Road to the south, 7th Avenue to the east and 15th Avenue to the west.

Phoenix : Mountain View Safe Streets/Safe Routes to School Project

PART B-DETAILED PROJECT DESCRIPTION

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

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

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

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

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

2. What type of project is this? (Check all that apply)

	Bicycle Lane (4' min. w/o curb/gutter)
	Bicycle Lane (5' min. with curb/gutter)
	Buffered Bike Lane
	Protected Bike Lane
	Shared-use path (10' min.)
X	Sidewalk (5' min.)
	Planning Study

	Shoulder paving is within 4-miles of a PM-10 Monitor
	Wide Sidewalk (8' min.)
	Detached Sidewalk with 4' min. buffer
	Signalized Crossing

Other:

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

	Bridge (overpass)
	Tunnel (underpass)
	Signalized midblock crossing/HAWK
	Countdown Pedestrian Signal

Other:

N/A

4. What amenities are included in this project?

	Number of Bike racks/lockers
	Number of Drinking Fountains
	Number of Way-finding Signs
	Number of Trash receptacles
	Number of Trees
	Number of new openings in street walls
	Number of Shade Structures

	Number of Seating/Rest Area(s)
	Number of bicycle/pedestrian counting devices
	Number of bicycle/pedestrian counting devices

Other:

N/A

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

Mountain View Elementary (801 W Peoria Road) has the largest volume of K-8 students at a single City of Phoenix school with 1450 students. The current school is a combination of two schools. The old Mountain View Elementary (1502 W Mountain View Road) was closed in 2007 and was combined with the old Sunnyslope Elementary to make up the current school. Many of the streets in this neighborhood are missing or have incomplete sidewalks. Students end up walking in the roadwaywhen parked cars block the walking path. Walking students or residents with ADA issues have to navagate uneven surfaces and often end up in the street along with cars.

Phoenix : Mountain View Safe Streets/Safe Routes to School Project

PART B-DETAILED PROJECT DESCRIPTION

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

The sidewalk, curb and gutter, ADA ramps and lighting will be installed where needed on the seven east/west streets in the neighborhood (North Lane, Cochise Drive, Beryl Avenue, Cheryl Drive, Brown Street, Cinnabar Avenue and Ironwood Drive). The work will also be completed on seven north/south streets (14th Avenue, 13rd Avenue, 12th Avenue, 11th Avenue, 10th Avenue, 9th Avenue and 8th Avenue).

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

Improved walking safety for student and residents in the neighborhood.

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

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

Other

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

X	Yes
	No

Please Explain:

Mountain View Elementary will take part in the City of

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

By installing sidewalks, curb and gutter, ADA ramps and Lighting, students, residents and persons with disabilities will be able to walk out of the roadway and away from cars.

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

Due to the curves, slopes and uneven walking path areas, the project will help to eliminate these concerns and improve the walking process for people with disabilities

Phoenix : Mountain View Safe Streets/Safe Routes to School Project

PART B-DETAILED PROJECT DESCRIPTION

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

N/A

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

The project will improve the look and feel of the neighborhood and create a better sense of place for residents.

14. Connectivity: (Check all that apply)

[ ] Project fills a gap in the system

Explain:

N/A

[ ] Project connects to other local bikeways

List of connected bikeways:

N/A

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

List of Participating Jurisdictions:

N/A

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

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

4 Within 1/4 mile

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

4 Within 1/4 mile

List routes and frequency:

15th Avenue and Peoria, 15th Avenue and Cochise, 15th Avenue and Brown and 15th Avenue and Mountain View (11 times a day)

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

0 Within 1/4 mile

List:

N/A

Phoenix : Mountain View Safe Streets/Safe Routes to School Project

PART B-DETAILED PROJECT DESCRIPTION

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

1 Within 1/4 mile

List:

North Mountain Park

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

0 Within 1/4 mile

List:

N/A

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

1 Within 1/4 mile

List:

Mountain View Elementary- 801 W Peoria Road

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

0 Within 1/4 mile

List:

N/A

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

0 Within 1/4 miles

List:

N/A

0 1/4 miles to 1/2 miles

List:

N/A

Phoenix : Mountain View Safe Streets/Safe Routes to School Project

PART B-DETAILED PROJECT DESCRIPTION

23. What are the demographics of the area served: MAG Demographic Mapping

3463	People Per Square Mile
18	% Families in Poverty

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

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

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

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

The project is bounded by Peoria Road to the north, Mountain View Road to the south, 7th Avenue to the east and 15th Avenue to the west.

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:

Residential Road

0.6	Length (in Miles)
25	Posted Speed Limit (MPH)
2	Number of Travel Lanes Before Project
2	Number of Travel Lanes After Project

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PART B-DETAILED PROJECT DESCRIPTION

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

30,566 ADT Estimate

9/1/08 Date Counted

Name of road the traffic count was taken from

19th Avenue

Description of Methodology and Source used for the ADT Estimate

Pneumatic tubes - Average Daily Traffic (ADT) is calculated by first calibrating the traffic count by month/day to account for daily and seasonal fluctuations in traffic. ADT may not represent the actual count taken on a particular day but instead has been adjusted to represent anticipated traffic flow on an average day throughout the year. The daily factors are calculated by first averaging the bi-directional traffic volume totals for the 12 full weeks of each weekday. The factor is that average divided by the sum of each of the 12 instances of a weekday day.

26. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete.

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

N/A

27. Current ROW: (Check all that apply)

X	Agency owns all ROW Needed		Agency owns easement
	ROW to be acquired		Agency has right-of-use (i.e. canal)
	Owners will donate ROW		Condemnation may be required

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

City owns R-O-W

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

X Yes

No

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PART B-DETAILED PROJECT DESCRIPTION

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

X	No Utility in or abutting the alignment		Private Structures
	Canals & Drainage		
	Power Lines & Cables	Other:	
X	Pipelines, Sewer and Water		

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

The City will need to address floodway and drainage structures that run through the area. The City is experienced with this, as it's completed similar sidewalk projects in the area, notable, in the vicinity of Central and Hatcher.

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

	AASHTO Guide for Bicycle Facilities	Other:
X	MAG Pedestrian Policies and Design Guidelines	
X	MAG Complete Streets Guide	
	MAG Designing Transit Accessible Communities	
	MAG Valley Path Brand & Wayfinding Signage Guidelines	
	NACTO Urban Bikeway Design Guide	
	RPTA Bus Stop Program and Standards	

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

With new development and capital improvement projects, bike lanes on arterial streets are:	Recommende
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:	Recommende
With new development or during development retrofits, shared-use paths are:	Recommende
Bicycle program implemented, including bike education, safety events, and bike maps	Yes
Complete Streets Policy	Yes

34. The project is: (Check one)

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

List:
City of Phoenix General Plan

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

Explain:

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

Explain:

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PART B-DETAILED PROJECT DESCRIPTION

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

By evaluation of increased walking activity and reviewing collisions records.

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

The City of Phoenix and Mountain View Elementary will meet and agree on who and how the data will be collected.

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

N/A

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

N/A

Phoenix: Mountain View Safe Streets/Safe Routes to School Project

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

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

Sponsoring Agency:	City of Phoenix	Project Title:	Mountain View Safe Streets/Safe Routes to School Project	Application Date:	9/21/2015

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	7	$3,185.00	$22,295.00	No	$0.00	$22,295.00	PDP
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN		LS	1	$25,000.00	$25,000.00	No	$0.00	$25,000.00	KW
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)		LS	1	$30,000.00	$30,000.00	No	$0.00	$30,000.00	KW
	4. HAZMAT ASSESSMENT		LS	1	$15,000.00	$15,000.00	No	$0.00	$15,000.00	KW
	Subtotal Scoping (Part A)					**$92,295.00**		**$0.00**	**$92,295.00**	
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.		LS	1	$170,000.00	$170,000.00	No	$0.00	$170,000.00	PDP
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report		LS	1	$25,000.00	$25,000.00	No	$0.00	$25,000.00	KW
	3. DRAINAGE REPORT		LS	1	$25,000.00	$25,000.00	No	$0.00	$25,000.00	KW
	4. SWPPP		LS	1	$25,000.00	$25,000.00	No	$0.00	$25,000.00	KW
	Subtotal PE (Part B)					**$245,000.00**		**$0.00**	**$245,000.00**	
	Subtotal Preliminary Engineering (Part A + Part B)					**$337,295.00**		**$0.00**	**$337,295.00**	
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition		LS	1	$0.00	$0.00	No	$0.00	$0.00	KW
	Subtotal Right-of-Way Acquisition (Part C)					**$0.00**		**$0.00**	**$0.00**	
D. Utility Relocation	1. Utility Relocation		LS	1	$48,750.00	$48,750.00	No	$0.00	$48,750.00	PDP
	Subtotal Utility Relocation (Part D)					**$48,750.00**		**$0.00**	**$48,750.00**	
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	$75,000.00	$75,000.00	Yes	$70,725.00	$4,275.00	PDP Subgrade
		Site Preparation	SY	120	$20.00	$2,400.00	Yes	$2,263.20	$136.80	
		Demolition - Sawcut	LF	1		$0.00	Yes	$0.00	$0.00	
		Demolition - Remove Structures and Obstructions	LS	1	$45,000.00	$45,000.00	Yes	$42,435.00	$2,565.00	PDP
		Demolition - Remove Fencing	LF	1		$0.00	Yes	$0.00	$0.00	
		Demolition - Remove Structural Concrete	CY	1	$0.00	$0.00	Yes	$0.00	$0.00	
		Demolition - Remove Asphaltic Concrete Pavement	SY	238	$35.00	$8,330.00	Yes	$7,855.19	$474.81	
		Demolition - Remove Concrete Sidewalks, Slabs	SF	162	$9.00	$1,458.00	Yes	$1,374.89	$83.11	
		Hazmat Abatement	LS	1		$0.00	Yes	$0.00	$0.00	
		Retaining Wall - Reinforced Concrete Cantilevered	SF	1		$0.00	Yes	$0.00	$0.00	
		Earthwork - General Excavation	CY	1		$0.00	Yes	$0.00	$0.00	
		Earthwork - Drainage Excavation	CY	1		$0.00	Yes	$0.00	$0.00	
		Earthwork - Structural Excavation	CY	1		$0.00	Yes	$0.00	$0.00	
		Earthwork - Structural Backfill	CY	1		$0.00	Yes	$0.00	$0.00	
		Earthwork - Borrow (In Place)	CY	1		$0.00	Yes	$0.00	$0.00	
		Curb & Gutter	LF	600	$11.00	$6,600.00	Yes	$6,223.80	$376.20	
		Aggregate Base	Ton	30	$250.00	$7,500.00	Yes	$7,072.50	$427.50	AC Pavement
		Pathway Or Sidewalk Materials - Concrete	SF	63,000	$8.00	$504,000.00	Yes	$475,272.00	$28,728.00	PDP Cost but KW chg qty based on 5' wide sidewalks
		Pathway Or Sidewalk Materials - Colored Concrete	SF	1		$0.00	Yes	$0.00	$0.00	
		Pathway Or Sidewalk Materials - Stamped Color Concrete	SF	1		$0.00	Yes	$0.00	$0.00	
		Pathway Or Sidewalk Materials - Precast Concrete Pavers	SF	1		$0.00	Yes	$0.00	$0.00	
		Pathway Or Sidewalk Materials - Asphaltic Concrete	Ton	1		$0.00	Yes	$0.00	$0.00	
		Pathway Or Sidewalk Materials - Polymer or Resin Stabilized Surface	SF	1		$0.00	Yes	$0.00	$0.00	
		Crosswalk Enhancement - Concrete Pavers	SF	1		$0.00	Yes	$0.00	$0.00	
		Crosswalk Enhancement - Stamped Asphalt	SF	1		$0.00	Yes	$0.00	$0.00	
		Crosswalk Enhancement - Stamped Concrete	SF	1		$0.00	Yes	$0.00	$0.00	
		Crosswalk Enhancement - Concrete	SF	1		$0.00	Yes	$0.00	$0.00	
		Crosswalk Enhancement - Integral Color Concrete	SF	1		$0.00	Yes	$0.00	$0.00	
		Pedestrian ADA Ramp	Each	40	$2,125.00	$85,000.00	Yes	$80,155.00	$4,845.00	
		Culvert Extensions	LF	1		$0.00	Yes	$0.00	$0.00	
		Pedestrian Lighting Including Conduit And Trenching	Each	1		$0.00	Yes	$0.00	$0.00	
		Handrail - Standard	LF	1		$0.00	Yes	$0.00	$0.00	
		Handrail - Decorative	LF	1		$0.00	Yes	$0.00	$0.00	
		Subtotal Hardscape Construction				$735,288.00		$693,376.58	$41,911.42	

Phoenix: Mountain View Safe Streets/Safe Routes to School Project

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

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

Sponsoring Agency:	City of Phoenix	Project Title:	Mountain View Safe Streets/Safe Routes to School Project	Application Date:	9/21/2015

Part	Item Description			Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Note(s)
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4]	2. Landscaping & Irrigation Items	Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements		Each	1		$0.00	Yes	$0.00	$0.00	
		Trees (15 Gallon Size)		Each	1		$0.00	Yes	$0.00	$0.00	
		Trees (5 Gallon Size)		Each	1		$0.00	Yes	$0.00	$0.00	
		Shrubs (5 Gallon Size)		Each	1		$0.00	Yes	$0.00	$0.00	
		Shrubs (1 Gallon Size)		Each	1		$0.00	Yes	$0.00	$0.00	
		Cactus (5 Gallon Size)		Each	1		$0.00	Yes	$0.00	$0.00	
		Mulch	Decomposed Granite	CY	1		$0	Yes	$0	$0	
			Organic	CY	1		$0	Yes	$0	$0	
		Topsoil		CY	1		$0	Yes	$0	$0	
		Seeding		Acre	1		$0	Yes	$0	$0	
		Turf Sod		SY	1		$0	Yes	$0	$0	
		Boulders		Each	1		$0	Yes	$0	$0	
		Irrigation System	Drip	SF	1		$0	Yes	$0	$0	
			Turf	SF	1		$0	Yes	$0	$0	
		Sleeving For Irrigation System	Directional Bore	LF	1		$0	Yes	$0	$0	
			Cut and Patch	LF	1		$0	Yes	$0	$0	
		Landscape Header Curb		LF	1		$0	Yes	$0	$0	
		Landscape Establishment		LS	1		$0	Yes	$0	$0	
		Subtotal Landscaping & Irrigation Items					$0		$0	$0	
	3. Site Furnishings	Benches		Each	1		$0	Yes	$0	$0	
		Seatwalls		LF	1		$0	Yes	$0	$0	
		Bike Racks		Each	1		$0	Yes	$0	$0	
		Trash Receptacles		Each	1		$0	Yes	$0	$0	
		Drinking Fountains		Each	1		$0	Yes	$0	$0	
		Signage (Standard Traffic Control)		Each	1		$0	Yes	$0	$0	
		Signage (Wayfinding)		Each	1		$0	Yes	$0	$0	
		Tree Grates		Each	1		$0	Yes	$0	$0	
		Subtotal Site Furnishings					$0		$0	$0	
	4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Street Lights		Each	25	$5,300	$132,500	Yes	$124,948	$7,553	PDP Cost + KW Quantity
		Relocate fire hydrants		Each	8	$1,600	$12,800	Yes	$12,070	$730	
		Concrete Driveway Entrances		SF	6,984	$16	$108,252	Yes	$102,082	$6,170	
					1		$0	Yes	$0	$0	
					1		$0	Yes	$0	$0	
					1		$0	Yes	$0	$0	
					1		$0	Yes	$0	$0	
					1		$0	Yes	$0	$0	
					1		$0	Yes	$0	$0	
					1		$0	Yes	$0	$0	
		Sutotal Other Construction					$253,552		$239,100	$14,452	
	5. Mobilization And Administration Costs	Contractor Mobilization		LS	1	$10,000	$10,000	yes	$9,430	$570	
		Traffic Control		LS	1	$16,000	$16,000	Yes	$15,088	$912	Police/Traffic Control - PDP
		Construction Survey & Layout		LS	1	$0	$0	Yes	$0	$0	
		Construction Contingencies		LS	1	$250,000	$250,000	Yes	$235,750	$14,250	
		Construction Administration		LS	1	$250,000	$250,000	Yes	$235,750	$14,250	
		Subtotal Mobilization & Administration Costs					$526,000		$496,018	$29,982	
	Subtotal Construction Or Implementation Cost (Part E)						**$1,514,840**		**$1,428,494**	**$86,346**	
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)							**$1,900,885**		**$1,428,494**	**$472,391**	
G. Adot Fee Review Fee - $10,000 for Certified Accepted agencies, otherwise $30,0000							**$10,000**	No	$0	$10,000	
H. Total Project Cost Including ADOT Fees (Part F + Part G)							**$1,910,885**		**$1,428,494**	**$482,391**	

Phoenix: Mountain View Safe Streets/Safe Routes to School Project

PART E - TOTAL PROJECT SCHEDULE AND BUDGET

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

The design for the project should be programmed at least 1 year, preferably 2 years, prior to construction. Utilities and right of way should be programmed at least 1 year prior to construction, but may occur in the same year as construction depending on utility and right of way concerns that are identified in questions 24-27 in Part B.

Cost Estimate for the Project Including ALL Segments	Cost	Additional Notes (if needed)
1. ADOT Fee	$10,000	
2. Design	$337,295	
3. Right of way	$0	
4. Utilities	$48,750	
5. Construction	$1,514,840	
6. Contingency	Yes	No more than 20% of Construction Cost
7. Total Cost	$1,910,885	

8. Will the agency maintain the improvement after it is completed?	yes
9. Expected Annual Maintenance Cost	10,000
10. Identify Source of Maintenance Funds	City of Phoenix Capital Construction Funds (CCF)

Requested MAG Programming	Year	Short Work Description (E.g. Construct Multiuse Path)	Local Funding Source	Local Cost	Federal Cost	Total Cost	Local Share
11. Design (Optional)	2017			$337,295	Not Available	$337,295	100.0%
12. Right of way (Optional)				$0	Not Available	$0	
13. Utilities (Optional)	2018			$48,750	Not Available	$48,750	100.0%
14. Other (Optional)				$10,000	Not Available	$10,000	100.0%
15. Construction	2020			$86,346	$1,428,494	$1,514,840	5.7%
16. Total Costs				$482,391	$1,428,494	$1,910,885	25.2%

PART F - SIGNATURE AND CHECKLIST

Checklist

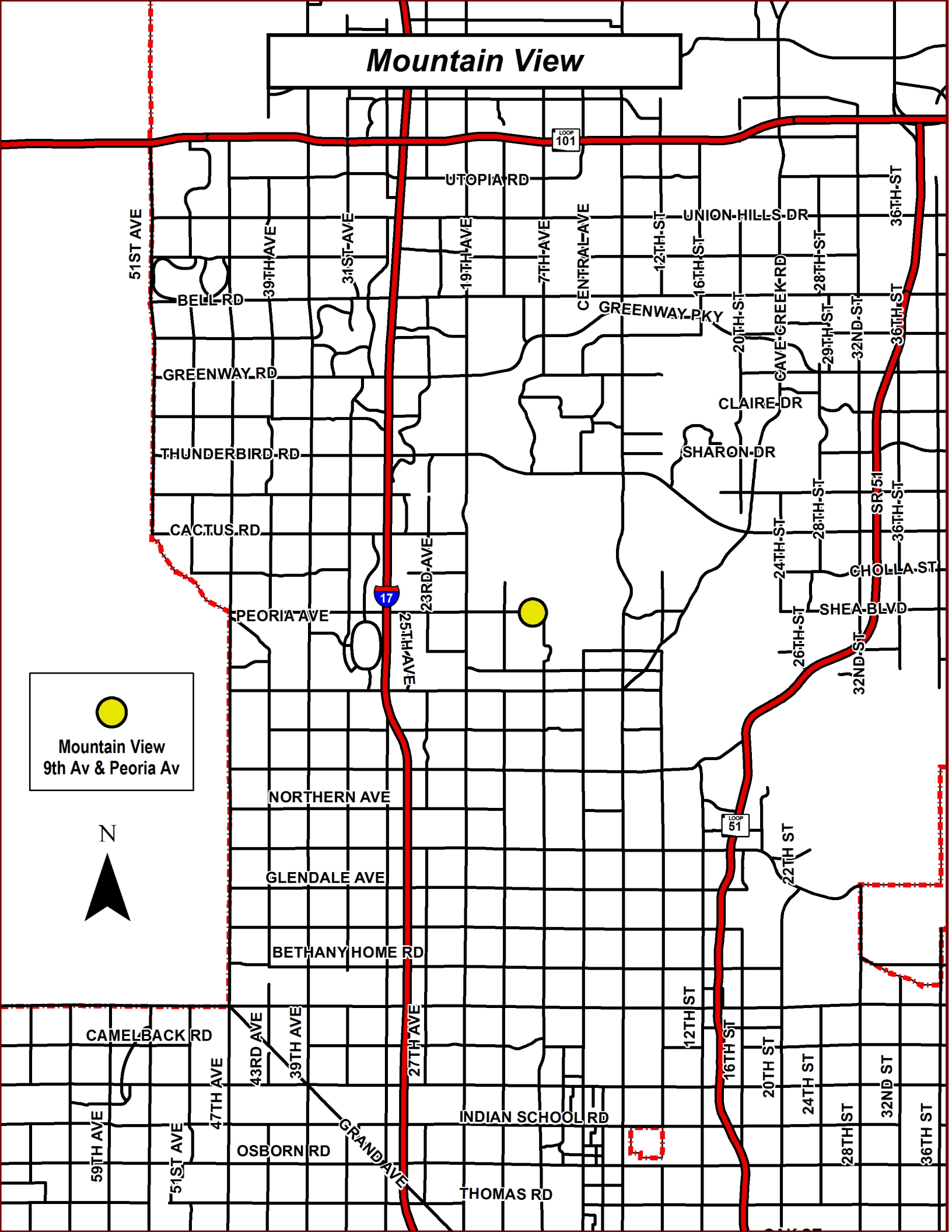
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

COVER SHEET	Complete?
Cover Sheet is completely filled out	✓
PART A - Contacts and Project Description Fields	**Complete?**
Contact Information, fields 1 – 5 are complete	✓
Project Description, fields 6 - 8 are complete	✓
PART B - Project Description	**Complete?**
Fields 1 - 14 (Project Description) are complete	✓
Fields 15 - 17 (Transit) are complete	✓
Fields 18 – 22 (Attractors and Demographics) are complete	✓
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	✓
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	✓
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	✓
PART C - Required Attachments	**Complete?**
Field 1 - Map showing the general location of the proposed project in relation to the region, including a north arrow provided in the printed application and the PDF application.	✓
Field 2 - Map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow provided in the printed application and the PDF application.	✓
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	✓
Field 4 -Simple diagram of the current typical cross section of the segment, that shows the right of way limits, widths, sidewalks and shoulders (if any), and the lanes of travel in the printed application and the PDF application.	✓
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	
PART D - Cost Estimate Worksheet	**Complete?**
Sponsoring Agency, Project Title, and Application Date are complete	✓
Part A - Scoping is complete	✓
Part B - Final Preliminary Engineering Design is complete	✓
Part C - Right-of-Way Acquisition is complete	✓
Part D - Utility Relocation is complete	✓
Part E - Construction or Implementation is complete	✓
Parts F, G, and H - Costs are complete and accurate	✓
PART E - Total Project Schedule and Budget Including All Segment Fields	**Complete?**
Fields 1 – 7 are complete and costs are accurate	✓
Field 8 - 10 are complete	✓
Fields 11 – 15 Years are complete	✓
Fields 11 – 15 Local Funding Sources are complete	✓
Fields 11 – 15 Local Costs are complete and accurate	✓
Field 11 - 15 Federal Costs are complete and accurate	✓
Field 16 Total Costs are complete and accurate	✓
PART F - Signature and Checklist	**Complete?**
Entire checklist is completed.	✓
Form is signed by MAG member agency's manager/administrator or designated representative.	✓
Name, title and date fields under the signature are completed.	✓

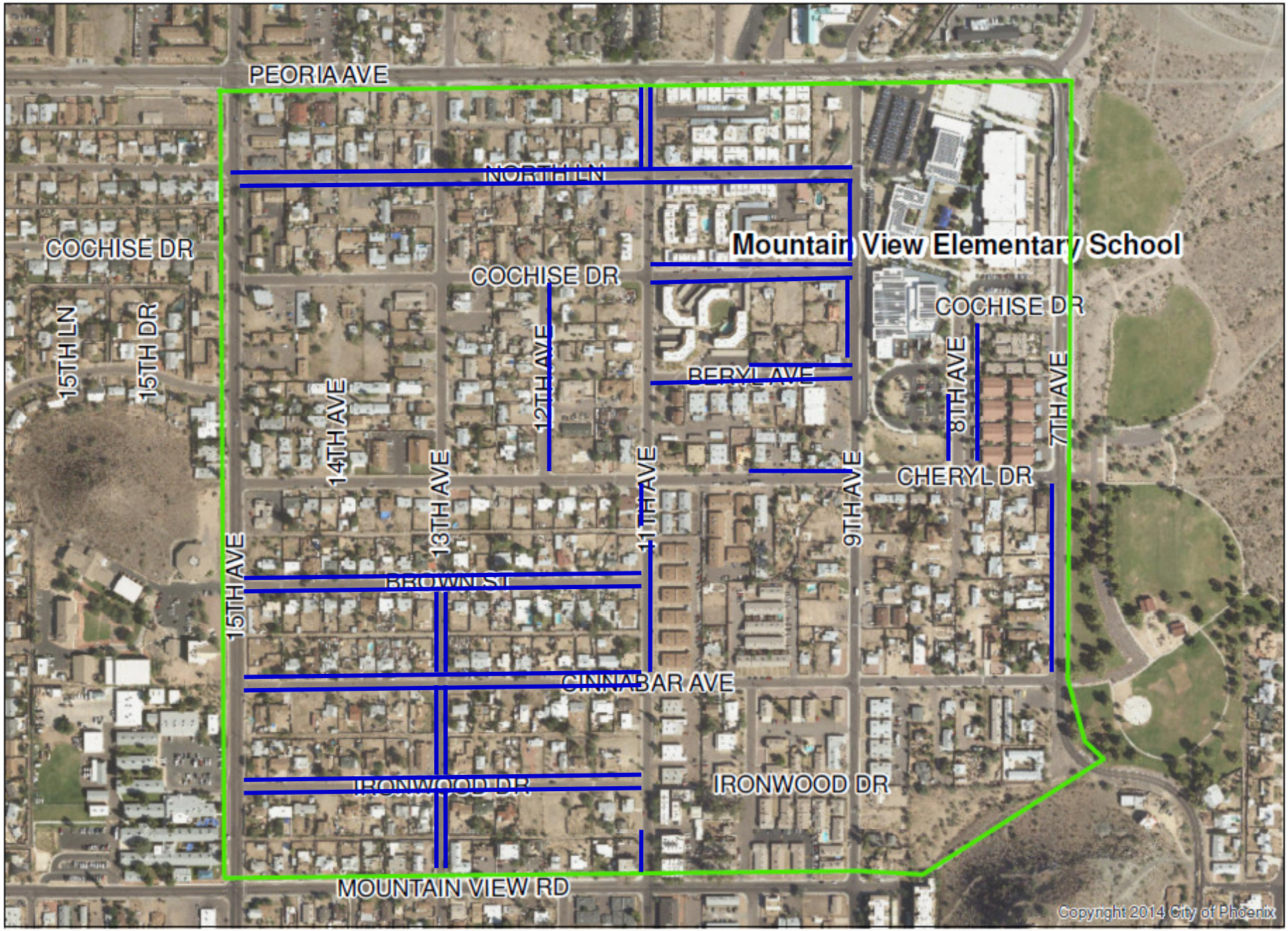
SIGNATURE(S):

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:	
Name:	Name: Ray Dovalina, P.E.
Title:	Title: Street Transportation Director
Date:	Date: September 16, 2015

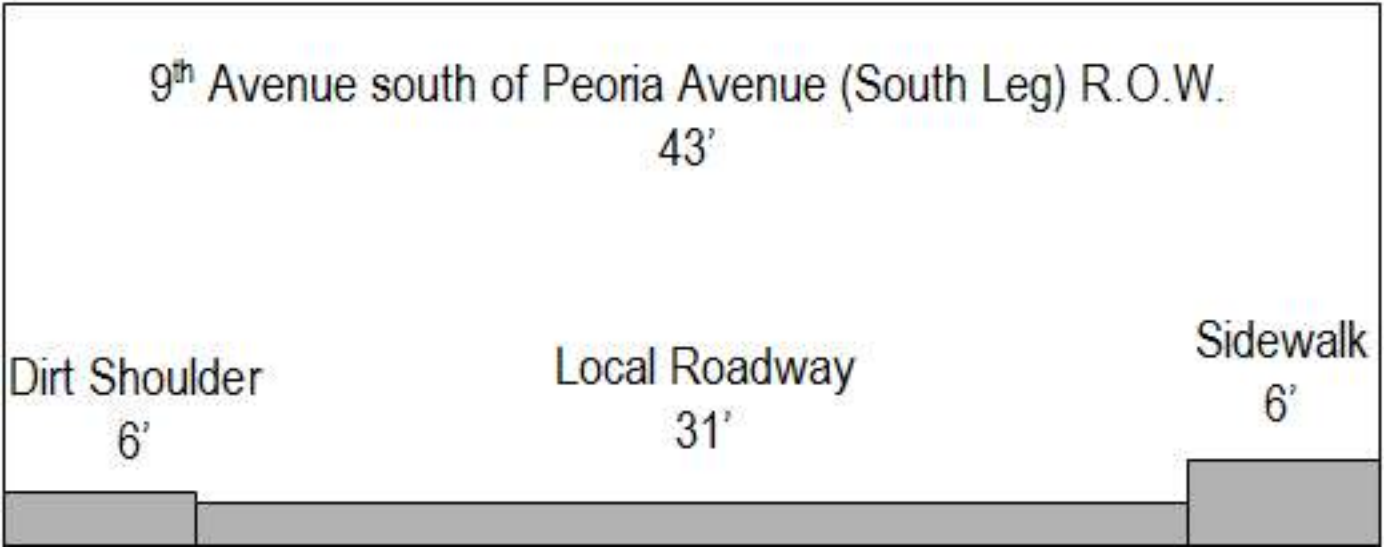

Mountain View
LOOP 101
UTOPIA RD
UNION HILLS DR
BELL RD
GREENWAY PKY
GREENWAY RD
CAVE CREEK RD
CLAIRE DR
SHARON DR
THUNDERBIRD RD
CACTUS RD
CHOLLA ST
SHEA BLVD
SR 51
PEORIA AVE
17
NORTHERN AVE
LOOP 51
GLENDALE AVE
BETHANY HOME RD
CAMELBACK RD
INDIAN SCHOOL RD
OSBORN RD
THOMAS RD
51ST AVE
39TH AVE
31ST AVE
19TH AVE
7TH AVE
CENTRAL AVE
12TH ST
16TH ST
20TH ST
24TH ST
28TH ST
32ND ST
36TH ST
29TH ST
26TH ST
22ND ST
23RD AVE
25TH AVE
27TH AVE
43RD AVE
47TH AVE
59TH AVE
GRAND AVE
Mountain View
9th Av & Peoria Av
N

Mountain View Safe Streets / Safe Routes Project



Site Visit (September 15, 2015) Photos for Mountain View Elementary Project: 8th Avenue to 15th Avenue, Cheryl Peoria


STOP


9th Avenue south of Peoria Avenue (South Leg) R.O.W.
43'
Dirt Shoulder
6'
Local Roadway
31'
Sidewalk
6'