



**DESIGN ASSISTANCE APPLICATION
for FY 2017**

Southeast Mesa Shared Use Path - Superstition Freeway Crossing

City of Mesa

**APPLICATIONS ARE DUE VIA ONLINE SUBMITTAL BY
10:00 AM ON THURSDAY, JUNE 23, 2016**

DESIGN ASSISTANCE FY 2017 APPLICATION

Mesa: Southeast Mesa Shared Use Path - Superstition Freeway Crossing

PART A - CONTACT AND PROJECT DESCRIPTION**Contact Information**

1. Name of Sponsoring Agency	Mesa
2. Project Manager Name and Title	James Hash - Senior Transportation Planner
3. Phone Number of Project Manager	480-644-3556
4. E-Mail Address of Project Manager	james.hash@mesaaz.gov
5. Mailing Address of Project Manager	PO Box 1466 - MS 2000, Mesa, AZ. 85211

Project Description

6. Please provide the Project Title.	Southeast Mesa Shared Use Path - Superstition Freeway Crossing
7. Please provide the amount of funding requested:	\$65,000.00
8. Please provide a specific description of the project (i.e. bike path or sidewalk, width, length, cement or asphalt, etc.) (250 character limit):	

The pathway will begin at the north side of Baseline Road within the ADOT Loop 202 San Tan Freeway Right-of-Way. The pathway will then extend northeasterly within the ADOT Loop 202 Right-of-Way where it will cross the current US-60 Superstition Freeway then extend on along the ADOT Right-of-way to Southern Avenue. Users will have the benefit of a 10-foot shared use path and comfort amenities such as shade and seating. Improvements to this pathway will create an extension and regional connection to existing City of Mesa and Town of Gilbert Shared Use Pathways.

9. Please provide the project limits:

The project utilizes an existing Arizona Department of Transportation right-of-way corridor with the Loop 202 freeway from Baseline Road extending along the right-of-way to Southern Avenue. The pathway is a linear extension of an existing pathway, traveling through an underutilized area.

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PART B - PROJECT DESCRIPTION

1. What type of project is this?

- | | | | |
|-------------------------------------|---|-------------------------------------|---------------------------------------|
| <input type="checkbox"/> | Bicycle lane (4' min. w/o curb/gutter) | <input type="checkbox"/> | Grade-separated crossing |
| <input type="checkbox"/> | Bicycle lane (5' min. with curb/gutter) | <input type="checkbox"/> | Sidewalk (5' min.) |
| <input type="checkbox"/> | Buffered Bike Lane | <input type="checkbox"/> | Wide Sidewalk (8' min.) |
| <input type="checkbox"/> | Protected Bike Lane | <input type="checkbox"/> | Detached Sidewalk with 4' min. buffer |
| <input checked="" type="checkbox"/> | Shared-use path (10' min.) | <input checked="" type="checkbox"/> | Midblock Crossing |

2a. Please describe the existing condition of the project site and any problem(s) being addressed.

Currently, the site is an unpaved unutilized corridor along the Loop 202 passing through the US 60. Constructing a shared use path will eliminate a considerable barrier to the non-motorized network and increase the connectivity for all adjacent neighborhoods, creating a separation of vehicles and Bicycles/Pedestrians in order to promote safety. The path follows plans and guidelines within the Bicycle Master Plan and provides connectivity that fills gaps within the regional system.

2b. Why is this project important to the community?

This project is important to the community because it supports a multimodal way to travel while providing health benefits and physical activity.

3. Connectivity: (Check all that apply)

- Project fills a gap in the regional system
Explain:
- Project connects to other local facilities
List the connected facilities:
- Multi Jurisdictional Project
List of Participating Jurisdictions:
- Total length of facilities connected by this project (in miles)

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

The path will connect all four adjacent neighborhoods, schools, and shopping centers.

5. Describe how this project will improve access to transit:

Bicycling is complementary to transit. Connections to transit stops are important for the usefulness of a transit network, so users must be able to access transit stops by bike. People utilizing transit need to feel that they have safe and convenient routes to get to and from transit. This project will provide for connections to transit at both Baseline Road and Southern Avenue that has not currently existed. Offering off-street facilities for users to travel to and from the transit will increase the users sense of safety and comfort promoting increased ridership by users that may not normally have access to those services without the use of bicycle facilities extending the catchment area to them.

6. Describe how this project will address bike/vehicle or pedestrian/vehicle conflicts:

The shared use path will provide a separation for bicycles/pedestrians and vehicular traffic. This increases safety while decreasing accidents and fatalities as stated within the Bicycle Master Plan to achieve one of the city's major goals. Currently, bicycle/pedestrian accidents and fatalities is an extensive concern being addressed within our city and implementing a path will advance the efforts of resolving these concerns.

7. What are the demographics of the area served:

[MAG Demographic Mapping](#)

3227 People Per Square Mile

5 % Families in Poverty

42 % Age 65 Plus

Use the MAG Demographic Mapping link above. Zoom in to your project area. On the right-hand side of the screen, under "Reports," select "Custom Summary." 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 "Report 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 Excel icon at the top-right side of the pop-up window) for your records.

8. How will this project benefit families in poverty?

Families in poverty cannot afford cars making them unable to utilize the freeways. Creating a shared use path will connect them to other neighborhoods and nearby facilities while providing them with choices of alternative forms of transportation such as, walking, running, biking, etc.

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9. How will this project benefit minority residents?

The path will be open to the general public allowing all races and abilities of people able to utilize the shared use pathway.

10. How will this project benefit elderly residents?

Elderly people who are unable to drive will be offered an alternative form other than by car for transportation. The path will benefit the elderly residents by providing facilities such as lighting for enhanced visibility, benches for resting, and shade for shelter.

11. How will this project benefit school children?

Although the path is not within 1/4 of the path, it is relatively close to neighborhoods in which students reside. The pathways can increase access and safety to maneuvering around town and visiting friends and/or family without having to rely on transportation by car.

12. Please list any schools within 1/4 mile of the project:

Noah Webster School

13. How does the project benefit persons with disabilities?

The path will be a 10 foot wide evenly paved shared use path meeting ADA compliance. Benches and shade will also provide benches as rest areas for people with physical disabilities.

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14. The project is: (Check one)

- Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)
List:
[https://www.mesaaz.gov/home/showdocument?id=8616 \(2012 Mesa Bicycle Master Plan\)](https://www.mesaaz.gov/home/showdocument?id=8616)
- Consistent with general policy/practices, but not formally identified (provide source)
Explain:
NACTO/ AASHTO
- Not addressed by jurisdiction's plans, policies, or practices
Explain:

15. List the community partners that will be supporting the development and promotion of this project. Include city departments that will also be supporting the project.

This project is supported by: ADOT, The Mesa Bicycle Master Plan Citizens Advisory committee, the Transportation Advisory Board, Mesa City Council, the following Mesa City Departments; City Manager's Office, Engineering Department, Economic Development department, and the Planning & Sustainability Department.

16. Does the jurisdiction have a dedicated staff person to manage the project? Which city department will be responsible to provide information to the consultant?

Yes the City of Mesa will have a dedicated staff member from both the Engineering department and the Mesa Bicycle Program as co-project managers for this project.

17. Does the jurisdiction have base information available (topo survey, aerial photography, ALTA survey in electronic/digital format, easement information, utility placement information)?

Aerial images and utility placement information are accessible. Further surveying and data can be acquired with city funding.

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PART D - PROJECT COSTS

1. What is the approximate cost for 15% preliminary plans* for this project? Estimate cost for each task below:

\$2,500	Scope of Work
\$10,000	Stakeholder and Core Team Meetings
\$15,000	Data Collection
\$15,000	Data Analysis
\$15,000	Project Assessment Report (Draft)
\$5,000	Project Assessment Report (Final)
\$2,500	Executive Summary and Regional Significance Report
\$65,000	TOTAL COST ESTIMATE FOR 15% PRELIMINARY PLANS (SHOULD MATCH PART A, #7)

*15% Preliminary Plans generally include:

- Project Information (location, description, map)
- Background data including the need for the project
- Project Scope (length, type of work, how it is to be constructed)
- Project Development
- Environmental overview
- Geotechnical and drainage requirements
- Critical outside agency involvement
- Preliminary Right-of-Way requirements
- Preliminary Utility relocation requirements
- Preliminary Traffic requirements
- Seasonal consideration
- Design Criteria
- Itemized Cost Estimate
- Schedule
- Preliminary Plans
- Preliminary Pathway Horizontal Layout
- Typical Sections
- Preliminary Aesthetic Concept
- Information on potential funding sources
- Executive Summary

2. What is the anticipated cost for the whole project (please break down costs by design, environmental, ROW, utilities, construction, etc)?

Until the alignment of the facility is defined through this process, it will not be possible to provide this information with any precision or accuracy.

3. Are there designated funds for construction of this project? If yes, what funding sources have been identified?

Not as of now, but the design that is acquired through this funding will allow the City of Mesa to utilize the alignment and design discovered through the Design Assistants process to compete for future Federal funding opportunities.

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4. If funding has NOT been identified for construction of the project, what efforts have been made to identify funds that could be used for this project?

The project will be placed in the CIP and will move forward as part of the Mesa Streets Bond package in 2018.

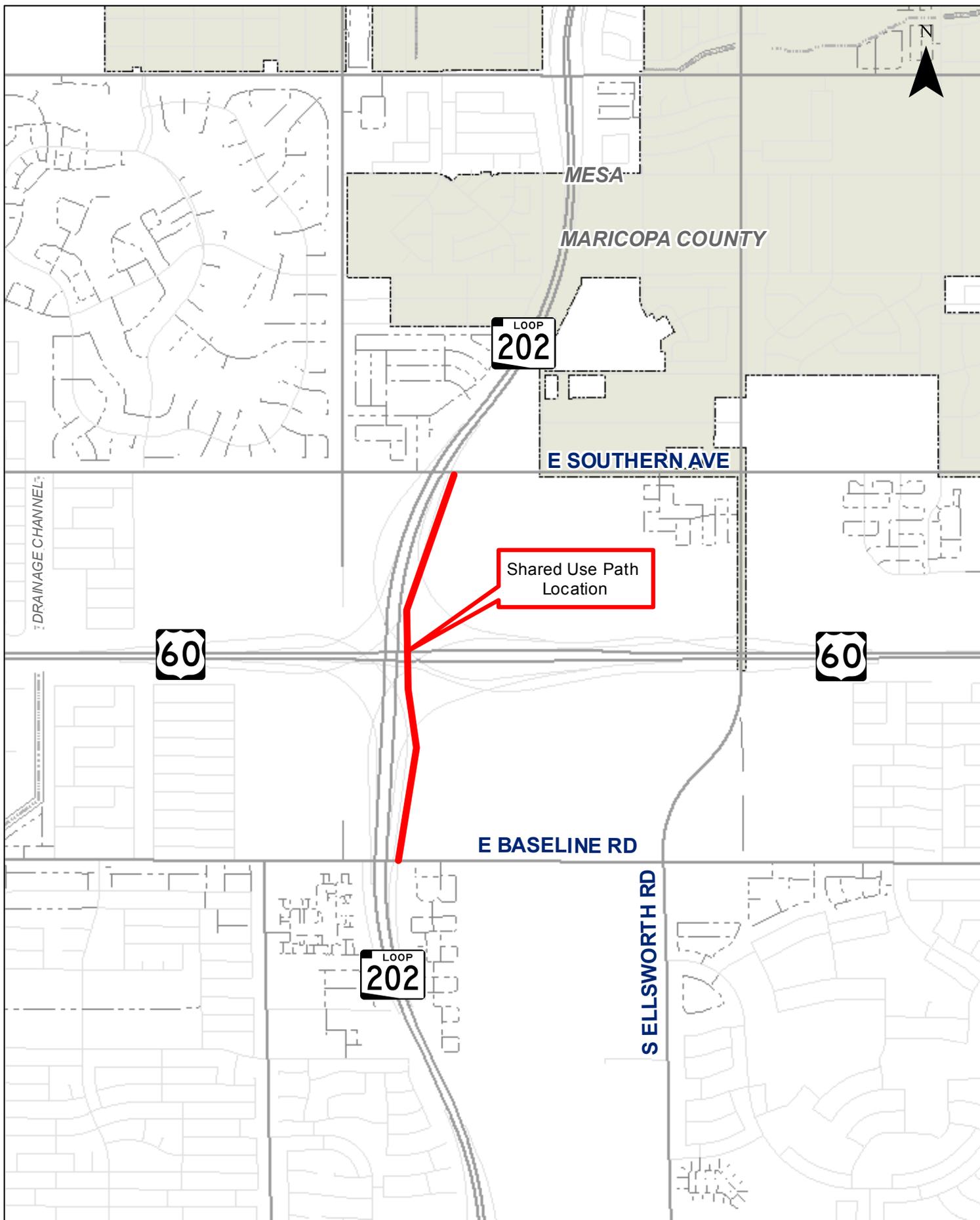
5. Are there funds for maintenance? Who has the responsibility for maintenance?

When a project is placed into the City of Mesa CIP there are always operations and maintenance added to the annual budget. These O&M responsibilities are the responsibility of the City of Mesa Transportation Departments, Streets Maintenance Division.

6. Is an easement required for this project? If YES, please attach a Property Owner Letter of Support.

All land is located on ADOT and City of Mesa property.

Southeast Mesa Shared Use Path - US 60 Crossing



Vicinity Map

0 0.15 0.3 0.6 Miles

Southeast Mesa Shared Use Path - US 60 Crossing



Aerial Map

0 0.15 0.3 0.6 Miles



Southern Avenue looking south.



Baseline Road looking north.



US60 off-ramp to the Loop 202 Red Mountain Freeway northbound exhibits the available ADOT maintenance access roads that are available to utilize to connect the Southeast Mesa pathway through this large east/west barrier.

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Mesa: Red Mountain Shared Use Pathway

PART E - SIGNATURE AND CHECKLIST

Checklist

This check list is included to facilitate applicant review and verification that all required fields in the form have been completed. **Incomplete applications will not be accepted.**

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 - 9 are complete	Yes
PART B - Project Description	Complete?
Fields 1 - 17 are complete	Yes
PART C - Attachments	Complete?
Attachment 1 - Map with street names	Yes
Attachment 2 - Aerial photos (if available)	Yes
Attachment 3 - Photographs with captions of the study area showing the problems/issues	Yes
Attachment 4 - Letter of Support and Cooperation from Property Owner (if required)	Yes
Attachment 5 - Up to 3 Letters of Support (OPTIONAL)	Yes
PART D - Project Costs	Complete?
Fields 1-6 are complete	Yes
PART E - Signature and Checklist	Complete?
Entire checklist is completed.	Yes
Form is signed by MAG member agency's manager or administrator.	Yes
Name, title and date fields under the signature are completed.	Yes

SIGNATURE:

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

Signature:	
Name:	Scott Butler
Title:	Deputy City Manager
Date:	6-14-16