



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

Queen Creek Wash Trail Extension

Town of Queen Creek, Arizona

**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)

Queen Creek: Queen Creek Wash Trail Extension

PART A - CONTACT AND PROJECT DESCRIPTION

Contact Information

1. Name of Sponsoring Agency	Queen Creek
2. Agency Contact Name	Troy White
3. Phone Number of Agency Contact	(480) 358-3746
4. E-Mail Address of Agency Contact	troy.white@queencreek.org
5. Mailing Address of Agency Contact	22358 S. Ellsworth Rd Queen Creek, AZ 85142

Project Description

6. Please provide the Project Title.	Queen Creek Wash Trail Extension
7. Please provide a concise, specific description of the project (250 character limit):	

The design and paving of approximately 73,000 square feet alongside the Queen Creek Wash to extend an existing multi-use trail from Crismon Road to Rittenhouse Road.

8. Please provide the project limits:	
---------------------------------------	--

Crismon Road to Rittenhouse Road

Queen Creek : Queen Creek Wash Trail Extension

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.

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

2. What type of project is this? (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"/> Wide Sidewalk (8' min.) |
| <input type="checkbox"/> Buffered Bike Lane | <input type="checkbox"/> Detached Sidewalk with 4' min. buffer |
| <input type="checkbox"/> Protected Bike Lane | <input type="checkbox"/> Signalized Crossing |
| <input checked="" type="checkbox"/> Shared-use path (10' min.) | Other: |
| <input type="checkbox"/> Sidewalk (5' min.) | <input style="width: 400px; height: 20px;" type="text"/> |
| <input type="checkbox"/> Planning Study | |

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

- | | |
|--|--|
| <input type="checkbox"/> Bridge (overpass) | Other: |
| <input type="checkbox"/> Tunnel (underpass) | <input style="width: 400px; height: 20px;" type="text"/> |
| <input type="checkbox"/> Signalized midblock crossing/HAWK | |
| <input type="checkbox"/> Countdown Pedestrian Signal | |

4. What amenities are included in this project?

- | | |
|---|--|
| <input type="checkbox"/> Number of Bike racks/lockers | <input type="checkbox"/> Number of Seating/Rest Area(s) |
| <input type="checkbox"/> Number of Drinking Fountains | <input type="checkbox"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Way-finding Signs | <input type="checkbox"/> Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> Number of Trash receptacles | Other: |
| <input type="checkbox"/> Number of Trees | <input style="width: 400px; height: 20px;" type="text"/> |
| <input type="checkbox"/> Number of new openings in street walls | |
| <input type="checkbox"/> Number of Shade Structures | |

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

The existing condition of this section of the Queen Creek Wash is unpaved dirt with no improvements. The multi-use trail will be an extension of a popular route that is enjoyed by Queen Creek's pedestrians, equestrians, and cyclists. It will mitigate some of the safety and traffic problems associated with using non-motorized transportation on town streets.

Queen Creek : Queen Creek Wash Trail Extension

PART B-DETAILED PROJECT DESCRIPTION

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

The multi-use trail that follows the Queen Creek Wash will be extended to Rittenhouse Road using two lifts of 4' asphalt. There will be approximately four access points along the paved trail.

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

Queen Creek would like increase the amount of safe alternatives to motorized traffic by increasing the availability of off-street options for pedestrians, equestrians, and cyclists.

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
- 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?

- Yes
- No

Please Explain:
Park of our outreach efforts will include instructions on which types of users should yield to others.

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

It will bring pedestrian, equestrian, and bicycle traffic off the streets. No motorized vehicles will be allowed on the trail.

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

The trail will be paved and ADA accessible.

Queen Creek : Queen Creek Wash Trail Extension

PART B-DETAILED PROJECT DESCRIPTION

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

With four neighborhood entry points, the trail will give Queen Creek's east-side greater access to the commercial town center and the network of multi-use trails and bike lanes.

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

This project will afford a greater number of Queen Creek's residents the opportunity to experience a unique desert landscape in an urbanized area. Wildlife and desert plants are a common sight in the wash.

14. Connectivity: (Check all that apply)

Project fills a gap in the system
Explain:

Project connects to other local bikeways
List of connected bikeways:

The Queen Creek Wash Trail: Power Rd. to Crismon Rd. (current) & Crismon to Rittenhouse (planned)

Multi Jurisdictional Project (please include letter of support (See Part C)
List of Participating Jurisdictions:

6.1 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.

0 Within 1/2 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.

0 Within 1/2 mile
List routes and frequency:

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

0 Within 1/2 mile

List:

Queen Creek : Queen Creek Wash Trail Extension

PART B-DETAILED PROJECT DESCRIPTION

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

Within 1/2 mile

List:

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):

Within 1/2 mile

List:

Schnepf Farms

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

Within 1/2 mile

List:

Frances Brandon Elementary School

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

Within 1/2 mile

List:

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):

Within 1/4 miles

List:

Church of Jesus Christ of Latter-day Saints

1/4 miles to 1/2 miles

List:

Queen Creek : Queen Creek Wash Trail Extension

PART B-DETAILED PROJECT DESCRIPTION

23. What are the demographics of the area served:

[MAG Demographic Mapping](#)

People Per Square Mile

% 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:

Queen Creek Trail Wash from Crismon Road to Rittenhouse Road.

For a point project (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)

Number of Travel Lanes Before Project

Number of Travel Lanes After Project

Queen Creek : Queen Creek Wash Trail Extension

PART B-DETAILED PROJECT DESCRIPTION

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

ADT Estimate

Date Counted

Name of road the traffic count was taken from

Description of Methodology and Source used for the ADT Estimate

There is no nearby arterial, but Rittenhouse Rd. is the nearest major collector that runs parallel to the Queen Creek Wash. The ADT on Rittenhouse Rd. at Cloud Rd. is 19,801 vehicles per a Maricopa County Department of Transportation traffic count on May 7th, 2014.

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.

There are no known environmental issues. Previous federally funded phases of the trail in the Queen Creek Wash have been completed without issue.

27. 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

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

All right-of-ways needed for this project will be acquired by the Town of Queen Creek before the design phase of this project begins. The Town already owns a significant part of the trail extension. Some owners may be willing to donate right-of-way access.

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

Yes

No

Queen Creek : Queen Creek Wash Trail Extension

PART B-DETAILED PROJECT DESCRIPTION

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

<input checked="" type="checkbox"/>	No utility in or abutting the alignment	<input type="checkbox"/>	Private Structures
<input type="checkbox"/>	Canals & Drainage		
<input type="checkbox"/>	Power Lines & Cables	Other:	
<input type="checkbox"/>	Pipelines, Sewer and Water	<input type="text"/>	

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

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

<input type="checkbox"/>	AASHTO Guide for Bicycle Facilities	Other: <input type="text"/>
<input checked="" type="checkbox"/>	MAG Pedestrian Policies and Design Guidelines	
<input type="checkbox"/>	MAG Complete Streets Guide	
<input type="checkbox"/>	MAG Designing Transit Accessible Communities	
<input type="checkbox"/>	MAG Valley Path Brand & Wayfinding Signage Guidelines	
<input type="checkbox"/>	NACTO Urban Bikeway Design Guide	
<input type="checkbox"/>	RPTA Bus Stop Program and Standards	

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

With new development and capital improvement projects, bike lanes on arterial streets are:	<input type="text" value="Required"/>
With new development and capital improvement projects, bike lanes on collector streets are:	<input type="text" value="Required"/>
With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:	<input type="text" value="Required"/>
With new development or during development retrofits, shared-use paths are:	<input type="text" value="Required"/>
Bicycle program implemented, including bike education, safety events, and bike maps	<input type="text" value="No"/>
Complete Streets Policy	<input type="text" value="No"/>

34. The project is: (Check one)

<input checked="" type="checkbox"/>	Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source) List: <input type="text" value="The trail is zoned recreational in the Queen Creek General Plan, and the project will be added to the capital improvement program upon funding approval. Local funding will come from primarily from the Parks, Open Space, and Recreation Development Fund and the General Fund."/>
<input type="checkbox"/>	Consistent with general policy/practices, but not formally identified (provide source) Explain: <input type="text"/>
<input type="checkbox"/>	Not addressed by jurisdiction's plans, policies, or practices Explain: <input type="text"/>

Queen Creek : Queen Creek Wash Trail Extension

PART B-DETAILED PROJECT DESCRIPTION

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

The project will be a success if there is a significant increase in the number of users on the multi-use trail system.

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?

MAG bicycle count technology will used periodically to ascertain useage of the trail. General Fund resources will be used if staff time is required to perform these counts.

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.

The Town will conduct public education throughout the project's construction and following completion. Outreach will occur on social media, at public capital project meetings, and at Town-sponsored events.

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

N/A

Queen Creek: Queen Creek Wash Trail Extension

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:	Town of Queen Creek	Project Title:	Queen Creek Wash Trail Extension	Application Date:	9/17/2015
---------------------------	---------------------	-----------------------	----------------------------------	--------------------------	-----------

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	1	\$10,000.00	\$10,000.00	No	\$0.00	\$10,000.00			
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$3,000.00	\$3,000.00	No	\$0.00	\$3,000.00			
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1	\$25,000.00	\$25,000.00	No	\$0.00	\$25,000.00			
	4. HAZMAT ASSESSMENT	LS	1	\$5,000.00	\$5,000.00	No	\$0.00	\$5,000.00			
	Subtotal Scoping (Part A)				\$43,000.00		\$0.00	\$43,000.00			
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedules.	LS	1	\$97,000.00	\$97,000.00	No	\$0.00	\$97,000.00			
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$12,000.00	\$12,000.00	No	\$0.00	\$12,000.00			
	3. DRAINAGE REPORT	LS	1	\$45,000.00	\$45,000.00	No	\$0.00	\$45,000.00			
	4. SWPPP	LS	1	\$8,000.00	\$8,000.00	No	\$0.00	\$8,000.00			
	Subtotal PE (Part B)				\$162,000.00		\$0.00	\$162,000.00			
Subtotal Preliminary Engineering (Part A + Part B)					\$205,000.00		\$0.00	\$205,000.00			
C. Right-of-Way Acquisition	1. Right-of-Way Acquisition	Acre	16	\$24,000.00	\$384,000.00	No	\$0.00	\$384,000.00			
Subtotal Right-of-Way Acquisition (Part C)					\$384,000.00		\$0.00	\$384,000.00			
D. Utility Relocation	1. Utility Relocation				\$0.00	No	\$0.00	\$0.00			
Subtotal Utility Relocation (Part D)					\$0.00		\$0.00	\$0.00			
E. Construction Or Implementation (For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part 4)	1. Hardscape Construction	Installation Of SWPP Measures		LS	2	\$1,200.00	\$2,400.00	\$2,263.20	\$136.80	Wattles	
		Site Preparation					\$0.00	\$0.00	\$0.00		
		Demolition	Sawcut	LF	50	\$200.00	\$10,000.00	Yes	\$9,430.00	\$570.00	
			Remove Structures and Obstructions	LS	35	\$1,000.00	\$35,000.00	Yes	\$33,005.00	\$1,995.00	Trees
			Remove Fencing				\$0.00	Yes	\$0.00	\$0.00	
			Remove Structural Concrete	LF	35	\$10.00	\$350.00	Yes	\$330.05	\$19.95	Curb and Gutter
			Remove Asphaltic Concrete Pavement	SF	25	\$25.00	\$625.00	Yes	\$589.38	\$35.63	
			Remove Concrete Sidewalks, Slabs	SF	1,900	\$5.00	\$9,500.00	Yes	\$8,958.50	\$541.50	
		Hazmat Abatement					\$0.00	Yes	\$0.00	\$0.00	
		Retaining Wall - Reinforced Concrete Cantilevered					\$0.00	Yes	\$0.00	\$0.00	
		Earthwork	General Excavation	CY	4,000	\$8.00	\$32,000.00	Yes	\$30,176.00	\$1,824.00	Roadway
			Drainage Excavation				\$0.00	Yes	\$0.00	\$0.00	
			Structural Excavation				\$0.00	Yes	\$0.00	\$0.00	
			Structural Backfill				\$0.00	Yes	\$0.00	\$0.00	
			Borrow (In Place)				\$0.00	Yes	\$0.00	\$0.00	
		Curb & Gutter		LF	65	\$20.00	\$1,300.00	Yes	\$1,225.90	\$74.10	
		Aggregate Base		CY	350	\$75.00	\$26,250.00	Yes	\$24,753.75	\$1,496.25	
		Pathway Or Sidewalk Materials	Concrete				\$0.00	Yes	\$0.00	\$0.00	
			Colored Concrete				\$0.00	Yes	\$0.00	\$0.00	
			Stamped Color Concrete				\$0.00	Yes	\$0.00	\$0.00	
			Precast Concrete Pavers				\$0.00	Yes	\$0.00	\$0.00	
			Asphaltic Concrete	Ton	3,000	\$110.00	\$330,000.00	Yes	\$311,190.00	\$18,810.00	
			Polymer or Resin Stabilized Surface				\$0.00	Yes	\$0.00	\$0.00	
		Crosswalk Enhancement	Concrete Pavers				\$0.00	Yes	\$0.00	\$0.00	
			Stamped Asphalt				\$0.00	Yes	\$0.00	\$0.00	
			Stamped Concrete				\$0.00	Yes	\$0.00	\$0.00	
			Concrete				\$0.00	Yes	\$0.00	\$0.00	
			Integral Color Concrete				\$0.00	Yes	\$0.00	\$0.00	
		Pedestrian ADA Ramp	SF	40	\$4.00	\$160.00	Yes	\$150.88	\$9.12		
		Culvert Extensions	LF	100	\$175.00	\$17,500.00	Yes	\$16,502.50	\$997.50		
Pedestrian Lighting Including Conduit And Trenching					\$0.00	Yes	\$0.00	\$0.00			
Handrail	Standard				\$0.00	Yes	\$0.00	\$0.00			
	Decorative				\$0.00	Yes	\$0.00	\$0.00			
Subtotal Hardscape Construction					\$465,085.00		\$438,575.16	\$26,509.85			

Queen Creek: Queen Creek Wash Trail Extension

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:	Town of Queen Creek	Project Title:	Queen Creek Wash Trail Extension	Application Date:	9/17/2015
---------------------------	---------------------	-----------------------	----------------------------------	--------------------------	-----------

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	Requirements			\$0.00	Yes	\$0.00	\$0.00			
		Trees (15 Gallon Size)			\$0.00	Yes	\$0.00	\$0.00			
		Trees (5 Gallon Size)			\$0.00	Yes	\$0.00	\$0.00			
		Shrubs (5 Gallon Size)			\$0.00	Yes	\$0.00	\$0.00			
		Shrubs (1 Gallon Size)			\$0.00	Yes	\$0.00	\$0.00			
		Cactus (5 Gallon Size)			\$0.00	Yes	\$0.00	\$0.00			
		Mulch	Decomposed Granite	CY	100	\$40	\$4,000	Yes	\$3,772	\$228	
			Organic				\$0	Yes	\$0	\$0	
		Topsoil				\$0	Yes	\$0	\$0		
		Seeding		Acre	10	\$2,500	\$25,000	Yes	\$23,575	\$1,425	
		Turf Sod				\$0	Yes	\$0	\$0		
		Boulders				\$0	Yes	\$0	\$0		
		Irrigation System	Drip			\$0	Yes	\$0	\$0	\$0	
			Turf			\$0	Yes	\$0	\$0	\$0	
		Sleeving For Irrigation System	Directional Bore			\$0	Yes	\$0	\$0	\$0	
	Cut and Patch				\$0	Yes	\$0	\$0	\$0		
	Landscape Header Curb				\$0	Yes	\$0	\$0	\$0		
	Landscape Establishment				\$0	Yes	\$0	\$0	\$0		
	Subtotal Landscaping & Irrigation Items					\$29,000		\$27,347	\$1,653		
	3. Site Furnishings	Benches			\$0	Yes	\$0	\$0	\$0		
		Seatwalls			\$0	Yes	\$0	\$0	\$0		
		Bike Racks			\$0	Yes	\$0	\$0	\$0		
		Trash Receptacles			\$0	Yes	\$0	\$0	\$0		
		Drinking Fountains			\$0	Yes	\$0	\$0	\$0		
		Signage (Standard Traffic Control)			\$0	Yes	\$0	\$0	\$0		
		Signage (Wayfinding)			\$0	Yes	\$0	\$0	\$0		
		Tree Grates			\$0	Yes	\$0	\$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)	Bicycle and Pedestrian Counter			\$0	Yes	\$0	\$0	\$0		
		Rip-Rap	CY	2,000	\$100	\$200,000	Yes	\$188,600	\$11,400		
		Potholing	Each	10	\$750	\$7,500	Yes	\$7,073	\$428		
		Flared End Section	Each	1	\$1,000	\$1,000	Yes	\$943	\$57		
		Drop Inlet	Each	1	\$4,000	\$4,000	Yes	\$3,772	\$228		
		Concrete Driveway	SF	500	\$10	\$5,000	Yes	\$4,715	\$285		
		Biologist - Nesting/Animals	LS	1	\$10,000	\$10,000	Yes	\$9,430	\$570		
		Rock Mulch	CY	5	\$250	\$1,250	Yes	\$1,179	\$71		
						\$0	Yes	\$0	\$0		
						\$0	Yes	\$0	\$0		
	Subtotal Other Construction					\$228,750		\$215,711	\$13,039		
	5. Mobilization And Administration Costs	Contractor Mobilization	LS	1	\$80,000	\$80,000	Yes	\$75,440	\$4,560		
		Traffic Control	LS	1	\$15,000	\$15,000	Yes	\$14,145	\$855		
		Construction Survey & Layout	LS	1	\$40,000	\$40,000	Yes	\$37,720	\$2,280		
		Construction Contingencies	LS	1	\$50,000	\$50,000	Yes	\$47,150	\$2,850		
		Construction Administration	LS	1	\$120,000	\$120,000	Yes	\$113,160	\$6,840		
	Subtotal Mobilization & Administration Costs					\$305,000		\$287,615	\$17,385		
Subtotal Construction Or Implementation Cost (Part E)					\$1,027,835		\$969,248	\$58,587			
F. Total Scoping, PE, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)					\$1,616,835		\$969,248	\$647,587			
G. Adot Fee Review Fee - \$10,000 for Certified Accepted agencies, otherwise \$30,000					\$30,000	No	\$0	\$30,000			
H. Total Project Cost Including ADOT Fees (Part F + Part G)					\$1,646,835		\$969,248	\$677,587			

Queen Creek: Queen Creek Wash Trail Extension

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	\$30,000	
2. Design	\$205,000	
3. Right of way	\$384,000	
4. Utilities	\$0	
5. Construction	\$977,835	
6. Contingency	\$50,000	No more than 20% of Construction Cost
7. Total Cost	\$1,646,835	

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

9. Expected Annual Maintenance Cost

10. Identify Source of Maintenance Funds

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)	2018	Scope and Preliminary Design	Impact Fees	\$205,000	Not Available	\$205,000	100.0%
12. Right of way (Optional)	2017	Obtain Right of Way	General Fund	\$384,000	Not Available	\$384,000	100.0%
13. Utilities (Optional)					Not Available	\$0	
14. Other (Optional)	2018	ADOT Review Fee	General Fund	\$30,000	Not Available	\$30,000	100.0%
15. Construction	2019	Construct Multi-Use Path	Impact Fees	\$58,587	\$969,248	\$1,027,835	5.7%
16. Total Costs				\$677,587	\$969,248	\$1,646,835	41.1%

PART F - SIGNATURE AND CHECKLIST	
<h1>Checklist</h1>	
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.	
COVER SHEET	Complete?
Cover Sheet is completely filled out	Yes
PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6 - 8 are complete	Yes
PART B - Project Description	Complete?
Fields 1 - 14 (Project Description) are complete	Yes
Fields 15 - 17 (Transit) are complete	Yes
Fields 18 – 22 (Attractors and Demographics) are complete	Yes
Fields 23 – 30 (Traffic, Environmental, ROW, and Utilities) are complete	Yes
Fields 31 – 33 (Guidelines, Policies, and Plans) are complete	Yes
Fields 34 – 37 (Maintenance, Performance Measurement, and Wayfinding) are complete	Yes
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.	Yes
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.	Yes
Field 3 - Up to four (4) photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	Yes
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.	Yes
(OPTIONAL)- Up to two (2) photos/renderings of the completed project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - Up to three (3) letters of support for the project are provided in the printed application and the PDF application.	Yes
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	Yes
PART D - Cost Estimate Worksheet	Complete?
Sponsoring Agency, Project Title, and Application Date are complete	Yes
Part A - Scoping is complete	Yes
Part B - Final Preliminary Engineering Design is complete	Yes
Part C - Right-of-Way Acquisition is complete	Yes
Part D - Utility Relocation is complete	Yes
Part E - Construction or Implementation is complete	Yes
Parts F, G, and H - Costs are complete and accurate	Yes
PART E - Total Project Schedule and Budget Including All Segment Fields	Complete?
Fields 1 – 7 are complete and costs are accurate	Yes
Field 8 - 10 are complete	Yes
Fields 11 – 15 Years are complete	Yes
Fields 11 – 15 Local Funding Sources are complete	Yes
Fields 11 – 15 Local Costs are complete and accurate	Yes

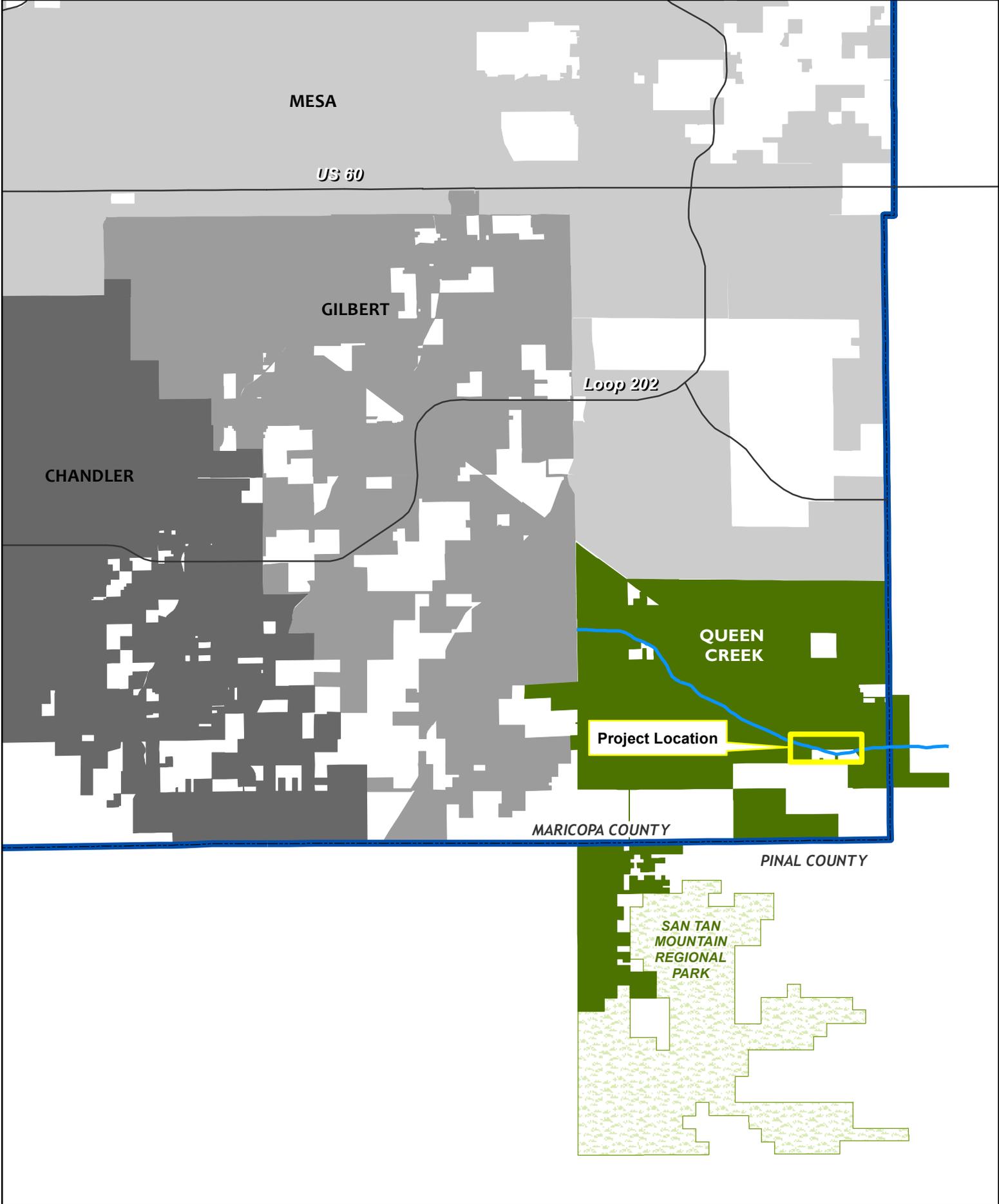
Field 11 - 15 Federal Costs are complete and accurate	Yes
Field 16 Total Costs are complete and accurate	Yes
PART F - Signature and Checklist	Complete?
Entire checklist is completed.	Yes
Form is signed by MAG member agency's manager/administrator or designated representative.	Yes
Name, title and date fields under the signature are completed.	Yes

SIGNATURE(S):

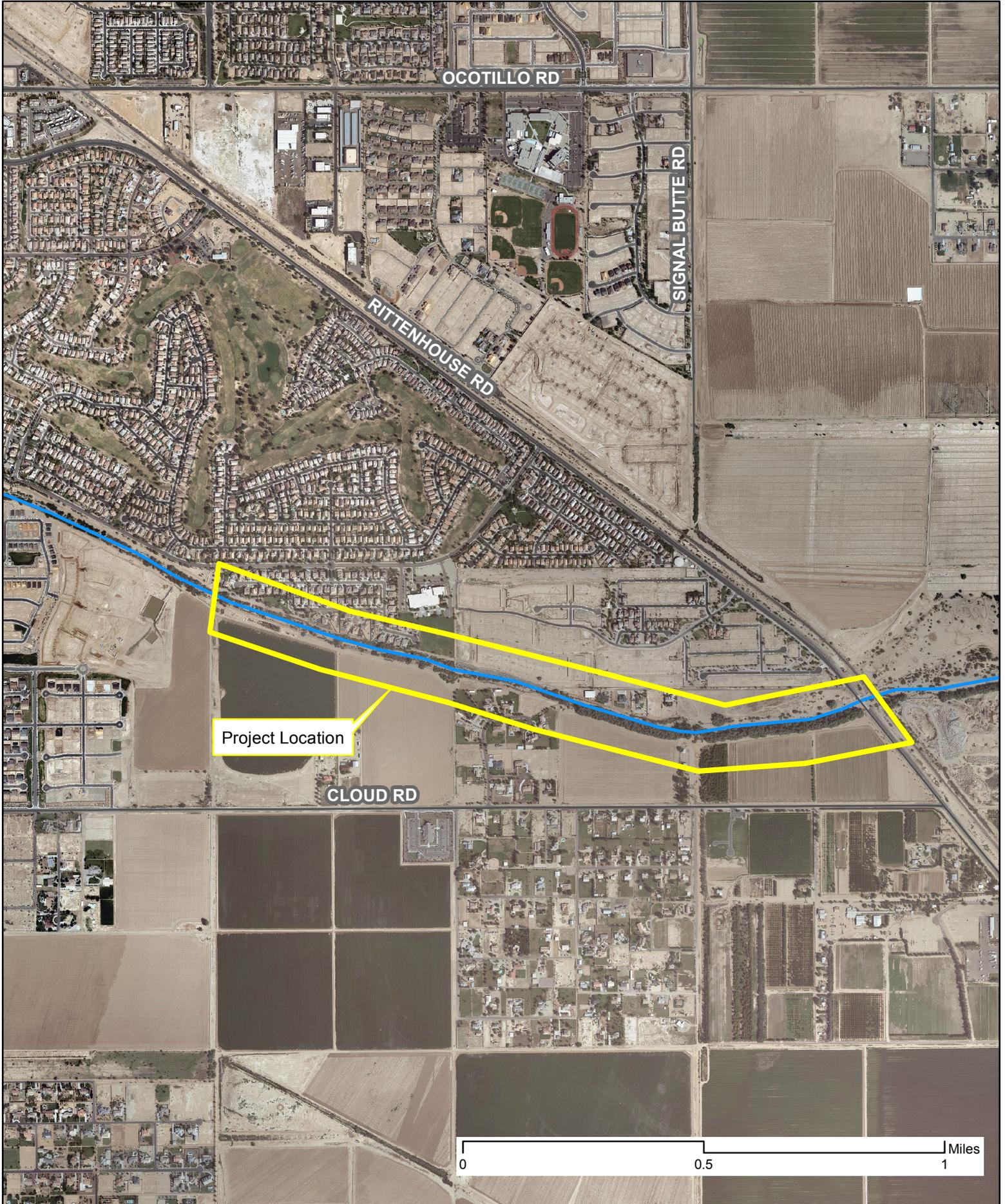
As the MAG member agency's manager/administrator or designated representative, I certify that this application is accurate and complete and that the project will be included in the sponsoring MAG member agency's local CIP/TIP if the project is selected for federal funding.

Signature:	
Name:	John Kross
Title:	Town Manager
Date:	9/16/2015

Queen Creek Wash Extension Project Location Map



Queen Creek Wash Extension Project Detailed Location Map



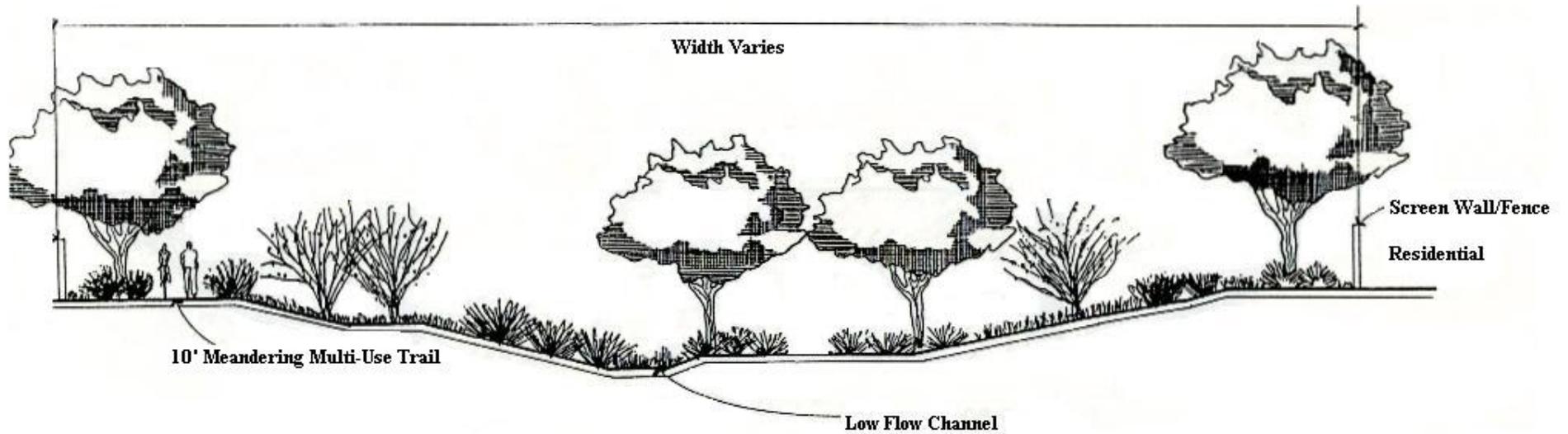
Existing Conditions of Project

Cross section of the Queen Creek Wash from Rittenhouse Road



Wash Vegetation





Wash Corridor (Typical)

Completed Project Look and Feel—existing trail from Power Rd. to Crismon Rd.

