



Transportation Alternatives / CMAQ Application for  
FY 2023 and FY 2024 Projects

**APPLICATIONS ARE DUE AT MAG OFFICES BY  
Monday, September 16, 2019 at 10:00 a.m.**

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

**Apache Junction: CAP Multi-use Trail - Apache Junction Segment**

<b>PART A - CONTACT AND PROJECT DESCRIPTION</b>	
<b>Contact Information</b>	
1. Name of Sponsoring Agency	Apache Junction
2. Agency Contact Name	Liz Langenbach
3. Phone Number of Agency Contact	480-474-5154
4. E-Mail Address of Agency Contact	<a href="mailto:llangenbach@ajcity.net">llangenbach@ajcity.net</a>
5. Mailing Address of Agency Contact	300 East Superstition Blvd. Apache Junction, Arizona 85119
<b>Project Description</b>	
6. Please provide the Project Title.	CAP Multi-use Trail - Apache Junction Segment
7. Please provide a concise, specific description of the project (250 character limit):	
<p>The City of Apache Junction will install a multi-use trail along the Central Arizona Project canal beginning at Meridian Road to Ironwood Drive. Proposed improvements include relocation of existing fencing, trees and landscaping, concrete trail surface, trailhead connections with signage and public art, seating, trash receptacles, and lighting.</p>	
8. Please provide the project limits:	
<p>The CAP canal runs through the City of Apache Junction's boundaries and planning area beginning at the Meridian Road alignment and Baseline Road heading due southeast to the Ironwood Road bridge.</p>	

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**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"/> 4 Number of Seating/Rest Area(s)                |
| <input type="checkbox"/> Number of Drinking Fountains           | <input type="checkbox"/> 1 Number of bicycle/pedestrian counting devices |
| <input type="checkbox"/> 3 Number of Way-finding Signs          | <input type="checkbox"/> Number of bicycle/pedestrian counting devices   |
| <input type="checkbox"/> 4 Number of Trash receptacles          | Other:   |
| <input type="checkbox"/> 100 Number of Trees                    | <input style="width: 400px; height: 20px;" type="text"/>                 |
| <input type="checkbox"/> Number of new openings in street walls | 850 shrubs and plants  |
| <input type="checkbox"/> Number of Shade Structures             |  |

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

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**PART B-DETAILED PROJECT DESCRIPTION**

The City of Apache Junction is a small suburban community just east of the Phoenix Metropolitan area. Nestled at the foot of the legendary Superstition Mountains, the city remains one of the last rural suburban areas within the central Arizona valley in population, character and culture. The city is located within two mountain ranges, the Superstition Mountains on the east which is a federal wilderness area with desert terrain and the Goldfield Mountains and the Tonto National Forest to the north. Apache Junction covers an area of 35 square miles, of which approximately 22 square miles is either State Trust Land or managed by the Bureau of Land Management (BLM). Our majestic surroundings present a unique opportunity for the community. Because of this, the city has 85.8 miles of unpaved recreational trails, 18.6 miles of equestrian trails but only 1.1 miles of multi-use trails.

The city has a large underutilized restricted access unpaved road adjacent to the Central Arizona Project (CAP) canal. The city proposes, in partnership with CAP, BLM, Arizona State Land, Maricopa County Flood Control District, the Bureau of Reclamation, and Pinal County, to create a multi-use trail along the Central Arizona Project (CAP) canal. This project will focus on the first section of the Apache Junction Segment of the CAP Trail. When complete, the 9.62 mile trail will be adjacent to the CAP canal will provide connectivity to the southern portion of the Maricopa County trail system and the Pinal County CAP trail which extends throughout the county.

Within this segment there are three unique opportunities. 1) the trail can be routed outside the CAP right-of-way and through preserved natural open space. The preserved natural open space consists of lands upstream of two flood retarding structures and along associated drainage channels. Within these lands, urban development will be precluded due to periodic flooding. By routing the trail through this area, there is an opportunity to introduce variety to the trail by moving it away from the often tight confines of the CAP right-of-way. 2) this trail will be an integral part of an urban trail system. The City of Apache Junction plans to incorporate this portion of the trail into its municipal trail system and connect it to other trails to create a 4.5 mile loop. 3) the trail will connect to the planned Siphon Wash drainage channel. (Master Plan for the Pinal County Segment of the Central Arizona Project CAP National Recreation Trail November 2015)

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**PART B-DETAILED PROJECT DESCRIPTION**

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

The Apache Junction Segment of the CAP Trail extends from Baseline Road to the alignment of Germann Road which is the southern boundary of the City of Apache Junction’s planning area. This project will focus on the first section of the Apache Junction Segment of the CAP Trail. The city proposes, in partnership with CAP, BLM, Arizona State Land, Maricopa County Flood Control District, the Bureau of Reclamation, and Pinal County, to create a multi-use trail separated from the canal with a safety rail. Additional amenities may include trees for shade, benches for rest, lighting for safety, trash receptacles to maintain a clean environment, public art to provide added beauty and interest, trailhead signage for safety and informational purposes, and a concrete path for functional usage by all modes of transportation including equestrian, bikes, and pedestrian/hikers. The entire Apache Junction Segment of the CAP Trail will begin at Baseline Road (CAP milepost 202.3). It will extend along the west side of the aqueduct a distance of approximately 0.9 miles to the alignment of South Ironwood Drive. This portion of the trail will be on the west side of the right-of-way to facilitate a connection to that portion of the CAP trail north of Baseline Road in Maricopa County. At South Ironwood Drive, the trail will cross over the old roadway bridge above the CAP to reach the east side of the aqueduct where it will extend south through Pinal County. The trail will then extend east and will exit the CAP right-of-way near the north end of the existing Powerline Road Flood Retarding Structure (FRS). This existing FRS consists of an earthen levee but the structure is being decommissioned in conjunction with flood control improvements being designed and constructed by the Flood Control District of Maricopa County. The trail will follow the top of the decommissioned levee in this area. By constructing the trail on top of the levee, trail users will be provided with panoramic views of the Superstition Mountain range to the north and east and of the metro Phoenix basin to the west. At the south end of the FRS, the trail heads west, cross the Siphon Wash drainage channel, and south paralleling the CAP aqueduct, but approximately one-half mile to the east. The trail corridor will be within a preserved natural area, upstream of the Vineyard Road FRS. The trail will continue south paralleling the Vineyard Road FRS and the CAP aqueduct for approximately five miles to a location between the Vineyard Road FRS and the Rittenhouse FRS. Finally, extending west towards the CAP right-of-way near the Germann Rd. alignment. (Master Plan for the Pinal County Segment of the CAP National Recreation Trail November 2015)

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

The city has a large underutilized restricted access unpaved road adjacent to the Central Arizona Project (CAP) canal. The use of this road presents an opportunity for the city to maximize available resources, expand partnerships, and provide safe active transportation alternatives which create a healthy lifestyle for Apache Junction residents and the surrounding Pinal County and Maricopa County residents alike. This project addresses the goals of the city's 2019 Award Winning Active Transportation Plan. These goals include: connectivity to a network of paths, trails, and sidewalks, including adjacent communities; creating a logical phased implementation program; providing transportation alternatives while encouraging a healthy lifestyle; and creating a signature destination.

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

<input type="checkbox"/>	Medians with pedestrian crossing islands	Other <div style="border: 1px solid black; height: 100px; width: 100%;"></div>
<input type="checkbox"/>	Roadway Reconfiguration (Road Diet)	
<input type="checkbox"/>	Striping/re-striping to narrow vehicle lanes	
<input type="checkbox"/>	Color pavement or similar treatment	
<input checked="" type="checkbox"/>	Lighting	
<input type="checkbox"/>	Landscape buffer between sidewalk and roadway	
<input type="checkbox"/>	Rectangular Rapid Flash Beacon (RRFB)	
<input type="checkbox"/>	Driver Feedback Sign	

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

Please Explain:

Apache Junction : CAP Multi-use Trail - Apache Junction Segment

**PART B-DETAILED PROJECT DESCRIPTION**

<input type="checkbox"/>	Yes
<input checked="" type="checkbox"/>	No

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

Because the proposed trail will be located adjacent to a canal, the existing fencing which restricts access will be relocated. A safety rail will be placed along the canal which separates the trail user from the potential hazard of the canal. Lighting will be placed in strategic areas along the trail for added safety during low light periods.

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

Presently the facility is not open to public access. However, ADA improvements will be made at the trailheads so persons with disabilities may find equal access to the multi-use trail.

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

Future housing developments are expected to begin construction in 2022 along or near the proposed trail. This added amenity will serve as an attraction for new homebuyers and existing Apache Junction and East Mesa residents. The trail will end near the proposed State Route 24 and will loop into the remaining Pinal County CAP trail system which will serve as an access point for regional and statewide attraction to the trail system.

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

Apache Junction is a community known for its proximity to the majestic Superstition Mountains. A trail system which capitalizes on the views and available resources will serve as an attraction to the community. The installation of signage will not only connect the Apache Junction segment to the community, but it will also provide a connection to the remaining Pinal County CAP trail. Added features like public art will create that sense of place calling recreation enthusiasts to the area.

14. Connectivity: (Check all that apply)

Project fills a gap in the system  
 Explain:  

This project connects with the Pinal County CAP trail and the Maricopa County trail system

Project connects to other local bikeways  
 List of connected bikeways:  

Trail connections will provide access to existing and future bike trails in and around the community

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

Pinal County, Maricopa County

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.

Within 1/2 mile

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**PART B-DETAILED PROJECT DESCRIPTION**

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.

Within 1/2 mile

List routes and frequency:

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

Within 1/2 mile

List:

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:

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**PART B-DETAILED PROJECT DESCRIPTION**

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

Within 1/2 mile

List:

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:

1/4 miles to 1/2 miles

List:

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 left-hand side of the screen, under select "Reports", then select "Custom Geography". Next, click the "Corridor of Interest" button. 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 panel will appear with a report that summarizes the selected block groups. You may export the results to Excel (click the "Export to Excel" button) 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:

Federal Functional Classification of the Facility:

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

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**PART B-DETAILED PROJECT DESCRIPTION**

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

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

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.

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.

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**PART B-DETAILED PROJECT DESCRIPTION**

The City of Apache Junction will work collaboratively with Arizona State Land Department, the Flood Control District of Maricopa County, Bureau of Reclamation, and Central Arizona Project to complete this project. However, The routing of portions of the trail through lands outside of the CAP right-of-way will necessitate coordination with the Arizona State Land Department, the owner of the subject property. Established procedures for acquiring the trail corridor will need to be implemented.

Coordination will also be required with the Flood Control District of Maricopa County, the agency charged with managing the flood control improvements in this location. In-as-much as trail use is compatible with floodplain management, it may be appropriate to co-locate the trail with an operations and maintenance road. The responsibilities of the various collaborating parties will need to be established. (Master Plan for the Pinal County Segment of the Central Arizona Project CAP National Recreation Trail November 2015)

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

Yes  No

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

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

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

There are no known utility conflicts to this project.

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

<input checked="" 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="Recommended"/>
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="Yes"/>
Complete Streets Policy	<input type="text" value="No"/>

34. The project is: (Check one)

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

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List:

Apache Junction Active Transportation Plan 2019, Pinal County Master Plan for CAP 2015, Pinal County Open Space and Trails Master Plan, and the Apache Junction Trails Master 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?

The CAP canal project will connect new development south of Apache Junction in both Maricopa County and Pinal County to over 85.8 miles of trail systems within Apache Junction extending beyond its borders to Maricopa County. Success will be determined upon the completion of the entire 9.62 mile stretch of trail further connecting residents to safe transportation alternatives through the pinal County CAP trail system. The City of Apache Junction further advocates for a healthy community, wherein amenities such as trails provide a variety of options for all modes of transportation.

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?

A counting device will be placed at the main access point to the trail. The counter will measure to what extent the trail is used.

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 project will include a comprehensive public information campaign that will notify area residents of the status of the project and information on its completion. The city will utilize the city's website, social media outlets, and the local newspapers to share information. The city will also run a campaign on safe practices when using area facilities.

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

Signage will be placed at the Trailhead and at two trail connection points. Signage will include the name of the trail, current location, directional and safety information.

<b>Part C - Required Attachments</b>
<p>Listed below are the required attachments for this project application. These attachments are intended to demonstrate the need of the project. They should clearly show the segment alignment and features that connect to other bicycle, pedestrian, and/or shared-use facilities, as well as washes, canals, railroad crossings, and other crossing features that may affect the project.</p> <p><b><u>PLEASE INCLUDE EACH ATTACHMENT AS A SEPARATE .JPEG OR .PDF FILE ON YOUR APPLICATION CD.</u></b></p> <p>Please insert ALL attachments at the end of your printed application, in the order they are listed below. See below for alternate submission requirements for GIS coverage files.</p>
<b>Required Attachments:</b>
<p>1) Please attach a map showing the general location of the proposed project in relation to the region, including a north arrow.</p>
<p>2) Please attach a map with streets labeled showing the detailed location(s) of the proposed project, including a north arrow.</p>
<p>3) Please attach up to four photos indicating existing conditions in the project area (two 4x6 photos per page).</p>
<p>4) Please attach a 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.</p>
<b>OPTIONAL Attachments:</b>
<p>(OPTIONAL) Attach up to two photos showing what the completed project will look like, if available (these can be photoshop, renderings, etc.).</p>
<p>(OPTIONAL) Attach up to three (3) letters of support for the project.</p>
<p>(OPTIONAL) If the applicant will be providing a GIS coverage (shapefile or geodatabase), please see the tab labeled "GIS Transmittal Instructions"</p>

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**PART D - PROJECT COST ESTIMATE WORKSHEET**  
(Cost Estimates Are Required Regardless of Programming)

PROCUREMENT	REQUESTED PROGRAMMING	Location Description						TOTAL	USES FEDERAL AID	FEDERAL	LOCAL
		Work Description	Funding Source	Preferred Year to Program Work	UNITS	QUANTITY	UNIT COST				
		CAP Trail, Meridina Road to Ironwood Drive									
		Construction trail									
		Local									
		2022									
		COST ESTIMATE FOR PROCUREMENT		UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL	
		Place for entering item #1		EA	1			-	Yes	-	
		Place for entering item #2		EA	1			-	Yes	-	
		Place for entering item #3		EA	1			-	Yes	-	
		Place for entering item #4		EA	1			-	Yes	-	
		Place for entering item #5		EA	1			-	Yes	-	
		Place for entering item #6		EA	1			-	Yes	-	
		Place for entering item #7		EA	1			-	Yes	-	
		Place for entering item #8		EA	1			-	Yes	-	
		Place for entering item #9		EA	1			-	Yes	-	
		Place for entering item #10		EA	1			-	Yes	-	
		Place for entering item #11		EA	1			-	Yes	-	
		Place for entering item #12		EA	1			-	Yes	-	
		Place for entering item #13		EA	1			-	Yes	-	
		Place for entering item #14		EA	1			-	Yes	-	
		Place for entering item #15		EA	1			-	Yes	-	
		Place for entering item #16		EA	1			-	Yes	-	
		Place for entering item #17		EA	1			-	Yes	-	
		Place for entering item #18		EA	1			-	Yes	-	
		Place for entering item #19		EA	1			-	Yes	-	
		Place for entering item #20		EA	1			-	Yes	-	
		<b>TOTAL - PROCUREMENT</b>						-	Yes	-	
		CAP Trail, Meridina Road to Ironwood Drive									
		Construction trail									
		Local									
		2022									
		COST ESTIMATE FOR DESIGN		UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL	
		Topographic Survey		LS	1	50,000	50,000	Yes	47,150	2,850	
		Design Concept Report (DCR)		LS	1	100,000	100,000	Yes	94,300	5,700	
		Federal Project Environmental Determination		LS	1	100,000	100,000	Yes	94,300	5,700	
		HAZMAT Assessment		LS	1	30,000	30,000	Yes	28,290	1,710	
		<b>SUBTOTAL - PRELIMINARY ENGINEERING COSTS</b>					<b>280,000</b>		<b>264,040</b>	<b>15,960</b>	
		Plans, Specifications, Cost Estimates, Bidding		LS	1	300,000	300,000	Yes	282,900	17,100	
		Geotechnical Report		LS	1	30,000	30,000	Yes	28,290	1,710	
		Drainage Report		LS	1	40,000	40,000	Yes	37,720	2,280	
		SWPPP		LS	1	15,000	15,000	Yes	14,145	855	
		<b>SUBTOTAL - FINAL DESIGN COSTS</b>					<b>385,000</b>		<b>363,055</b>	<b>21,945</b>	
		<b>TOTAL PRELIMINARY ENGINEERING AND DESIGN COST AVAILABLE FOR PROGRAMMING</b>					<b>665,000</b>		<b>627,095</b>	<b>37,905</b>	
		CAP Trail, Meridina Road to Ironwood Drive									
		Construct trail									
		Local									
		2022									
		COST ESTIMATE FOR RIGHT OF WAY		UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL	
		Appraisals and Title Reports		LS	1			-	Yes	-	
		Road Right of Way		LS	1			-	Yes	-	
		Temporary Construction Easements		LS	1			-	Yes	-	
		Drainage Easement		LS	1			-	Yes	-	
		Utility Easements/Right of Way		LS	1			-	Yes	-	
		Aerial Electrical Easement		LS	1			-	Yes	-	
		Sign Relocations		LS	1			-	Yes	-	
		Relocation Expenses		LS	1			-	Yes	-	
		Site Environmental Assessments		EA	1			-	Yes	-	
		Building Demolition		EA	1			-	Yes	-	
		Other Right of Way Expenses		EA	1			-	Yes	-	
		Other Right of Way Expenses		EA	1			-	Yes	-	
		Other Right of Way Expenses		EA	1			-	Yes	-	
		<b>TOTAL - RIGHT OF WAY COSTS</b>						-	Yes	-	
		CAP Trail, Meridina Road to Ironwood Drive									
		Construct Trail									
		TA-MAG									
		2023									
		COST ESTIMATE FOR CONSTRUCTION		UNITS	QUANTITY	UNIT COST	TOTAL	USES FEDERAL AID	FEDERAL	LOCAL	
		Relocate 69 kv (+) Poles		EA	1			-	Yes	-	
		Relocate/Underground 12 kv lines		LF	1			-	Yes	-	
		Relocate/Underground Irrigation Canal		LF	1			-	Yes	-	
		SWG Relocations		LS	1			-	Yes	-	
		Telephone/Cable TV Relocations		LS	1			-	Yes	-	
		Upgrade Railroad Crossings		LS	1			-	Yes	-	
		Other Utilities		LS	1			-	Yes	-	
		Other Utilities		LS	1			-	Yes	-	
		<b>SUBTOTAL - UTILITY RELOCATION COSTS</b>									
		Installation Of SWPP Measures		LS	1	50,000	50,000	Yes	47,150	2,850	
		Site Preparation		LS	11,500	20	230,000	Yes	216,890	13,110	
		Sawcut		LS	1	100,000	100,000	Yes	94,300	5,700	
		Remove Structures and Obstructions		LS	1	150,000	150,000	Yes	141,450	8,550	
		Remove Fencing		LS	8,500	8	68,000	Yes	64,124	3,876	
		Remove Structural Concrete		LF	1			-	Yes	-	
		Remove Asphaltic Concrete Pavement		SY	1			-	Yes	-	
		Remove Concrete Sidewalks, Slabs		SF	1			-	Yes	-	
		Hazmat Abatement		SF	1			-	Yes	-	
		Retaining Wall - Reinforced Concrete Cantilevered		LS	1			-	Yes	-	
		General Excavation		LS	1			-	Yes	-	
		Drainage Excavation		LS	1			-	Yes	-	
		Structural Excavation		SY	1			-	Yes	-	
		Structural Backfill		SY	1			-	Yes	-	
		Borrow (In Place)		SY	1			-	Yes	-	
		Curb & Gutter		LF	1			-	Yes	-	
		Aggregate Base		Ton	3,900	50	195,000	Yes	183,885	11,115	
		Concrete		SF	102,000	7	714,000	Yes	673,302	40,698	
		Colored Concrete		SF	1			-	Yes	-	
		Stamped Color Concrete		SF	1			-	Yes	-	
		Precast Concrete Pavers		SF	1			-	Yes	-	
		Asphaltic Concrete		SF	1			-	Yes	-	
		Polymer or Resin Stabilized Surface		SF	1			-	Yes	-	
		Concrete Pavers		EA	1			-	Yes	-	
		Stamped Asphalt		EA	1			-	Yes	-	
		Stamped Concrete		EA	1			-	Yes	-	
		Concrete		LF	1			-	Yes	-	
		Integral Color Concrete		LF	1			-	Yes	-	

	Pedestrian ADA Ramp	EA	1		-	Yes	-	-	
	Culvert Extensions	LF	1		-	Yes	-	-	
	Pedestrian Lighting Including Conduit And Trenching	SF	1	600,000	600,000	Yes	565,800	34,200	
	Handrail	Standard	EA	1	-	Yes	-	-	
		Decorative	EA	1	-	Yes	-	-	
					<b>SUBTOTAL HARDSCAPE CONSTRUCTION</b>		2,107,000	1,986,901	
								120,099	
2. Landscaping & Irrigation Items	Trees Above 15 Gallon In Size As Required Per Local Code Or Special Design Requirements	EA	100	350	35,000	Yes	33,005	1,995	
	Trees (15 Gallon Size)	EA	1		-	Yes	-	-	
	Trees (5 Gallon Size)	LS	1		-	Yes	-	-	
	Shrubs (5 Gallon Size)	EA	750	20	15,000	Yes	14,145	855	
	Shrubs (1 Gallon Size)	EA	100	10	1,000	Yes	943	57	
	Cactus (5 Gallon Size)	LF	1		-	Yes	-	-	
		LS	550	100	55,000	Yes	51,865	3,135	
	Mulch	Decomposed Granite	EA	1		-	Yes	-	-
		Organic	EA	1		-	Yes	-	-
		Topsoil	EA	1		-	Yes	-	-
		Seeding	EA	1		-	Yes	-	-
		Turf Sod	EA	1		-	Yes	-	-
		Boulders	LF	1		-	Yes	-	-
	Irrigation System	Drip	LF	8,500	20	170,000	Yes	160,310	9,690
		Turf	LF	1		-	Yes	-	-
	Sleeving For Irrigation System	Directional Bore	LF	1		-	Yes	-	-
		Cut and Patch	LF	1		-	Yes	-	-
		Landscape Header Curb	LF	1		-	Yes	-	-
		Landscape Establishment	LF	1		-	Yes	-	-
						<b>SUBTOTAL LANDSCAPING &amp; IRRIGATION ITEMS</b>		276,000	260,268
								15,732	
3. Site Furnishings	Benches	LF	4	2,000	8,000	Yes	7,544	456	
	Seatwalls	EA	1		-	Yes	-	-	
	Bike Racks	EA	1		-	Yes	-	-	
	Trash Receptacles	EA	4	1,000	4,000	Yes	3,772	228	
	Drinking Fountains	EA	1		-	Yes	-	-	
	Signage (Standard Traffic Control)	EA	1		-	Yes	-	-	
	Signage (Wayfinding)	EA	2	1,000	2,000	Yes	1,886	114	
	Tree Grates	SY	1		-	Yes	-	-	
					<b>SUBTOTAL SITE FURNISHINGS</b>		14,000	13,202	
								798	
4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects.	Bicycle and Pedestrian Counter	EA	1	40,000	40,000	Yes	37,720	2,280	
	Fencing	LF	8,500	20	170,000	Yes	160,310	9,690	
	Signing and Wayfinding	EA	1	50,000	50,000	Yes	47,150	2,850	
	Public Art	EA	1	100,000	100,000	Yes	94,300	5,700	
		LS	1		-	Yes	-	-	
		EA	1		-	Yes	-	-	
		LF	1		-	Yes	-	-	
		EA	1		-	Yes	-	-	
					<b>SUBTOTAL OTHER CONSTRUCTION ITEMS</b>		360,000	339,480	
								20,520	
<b>TOTAL CONSTRUCTION COST</b>					<b>2,757,000</b>		<b>2,599,851</b>	<b>157,149</b>	

	<b>MOBILIZATION AND ADMINISTRATION COSTS</b>	CONTRACTOR MOBILIZATION (Typically 8% of construction cost)	12%	330,840	Yes	311,982	18,858
		TRAFFIC CONTROL (0-8% of construction cost)	4%	110,280	Yes	103,994	6,286
		CONSTRUCTION CONTINGENCIES (Typically 5% of construction cost)	10%	275,700	Yes	259,985	15,715
		CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	18%	496,260	Yes	467,973	28,287
	<b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>				<b>1,213,080</b>	<b>1,143,934</b>	<b>69,146</b>
<b>TOTAL CONSTRUCTION AND MOBILIZATION FOR PROGRAMMING</b>				<b>3,970,080</b>	<b>3,743,785</b>	<b>226,295</b>	
<b>ADOT REVIEW FEE</b>	Please enter 'Yes' if your agency is certified accepted by ADOT for construction		No				
	<b>ADOT Review Fee</b>	Agency Type	RATE	HOURS	TOTAL	USES FEDERAL AID	FEDERAL LOCAL
	Contracts and Specs \ Advertise Project	Non CA	55	100	\$ 5,500	No	- 5,500
	District \ Review Stage Submittals	Non CA	50	40	\$ 2,000	No	- 2,000
	Environmental Planning \ Issue Clearance	All	50	40	\$ 2,000	No	- 2,000
	Right of Way \ Issue Clearance	Non CA	55	24	\$ 1,320	No	- 1,320
	Compliance Review \ Compliance Review	Non CA	175	40	\$ 7,000	No	- 7,000
	Project Management Group \ Project Management	Non CA	120	100	\$ 12,000	No	- 12,000
	Project Management Group \ Project Management	CA Only	120	60	\$ -	No	- -
	Utilities and Railroad Sections \ Issue Clearance	Non CA	50	24	\$ 1,200	No	- 1,200
					\$ 31,020		- 31,020
<b>TOTAL COST ESTIMATE</b>					<b>\$ 4,666,100</b>	<b>4,370,880</b>	<b>295,220</b>

Apache Junction : CAP Multi-use Trail - Apache Junction Segment

**PART E - Budget and Signature Page**

Phase	Location Description	Work Description	Year to be Programmed	Funding Source	Federal Amount	Local Amount	Total	Local Share
Design, includes ADOT review fees	CAP Trail, Mendota Road to Ironwood Drive	Construction trail	2022	Local	\$ 627,095	\$ 37,905	\$ 665,000	5.7%
Construction	0	0	2023	0	\$ 1,743,785	\$ 228,295	\$ 1,970,080	5.7%
<b>Total Programmed</b>					\$ 4,170,880	\$ 264,200	\$ 4,635,080	5.7%
ADOT Design Review Fee					\$	\$ 31,020	\$ 31,020	100.0%
<b>Total Cost</b>					\$ 4,170,880	\$ 295,220	\$ 4,666,100	6.5%

**Signature: To be signed with printed hard copy that is sent to MAG**

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

Signature: *Bryant Powell*

Bryant Powell

City Manager

Date: *9/16/19*

## Part F - Checklist

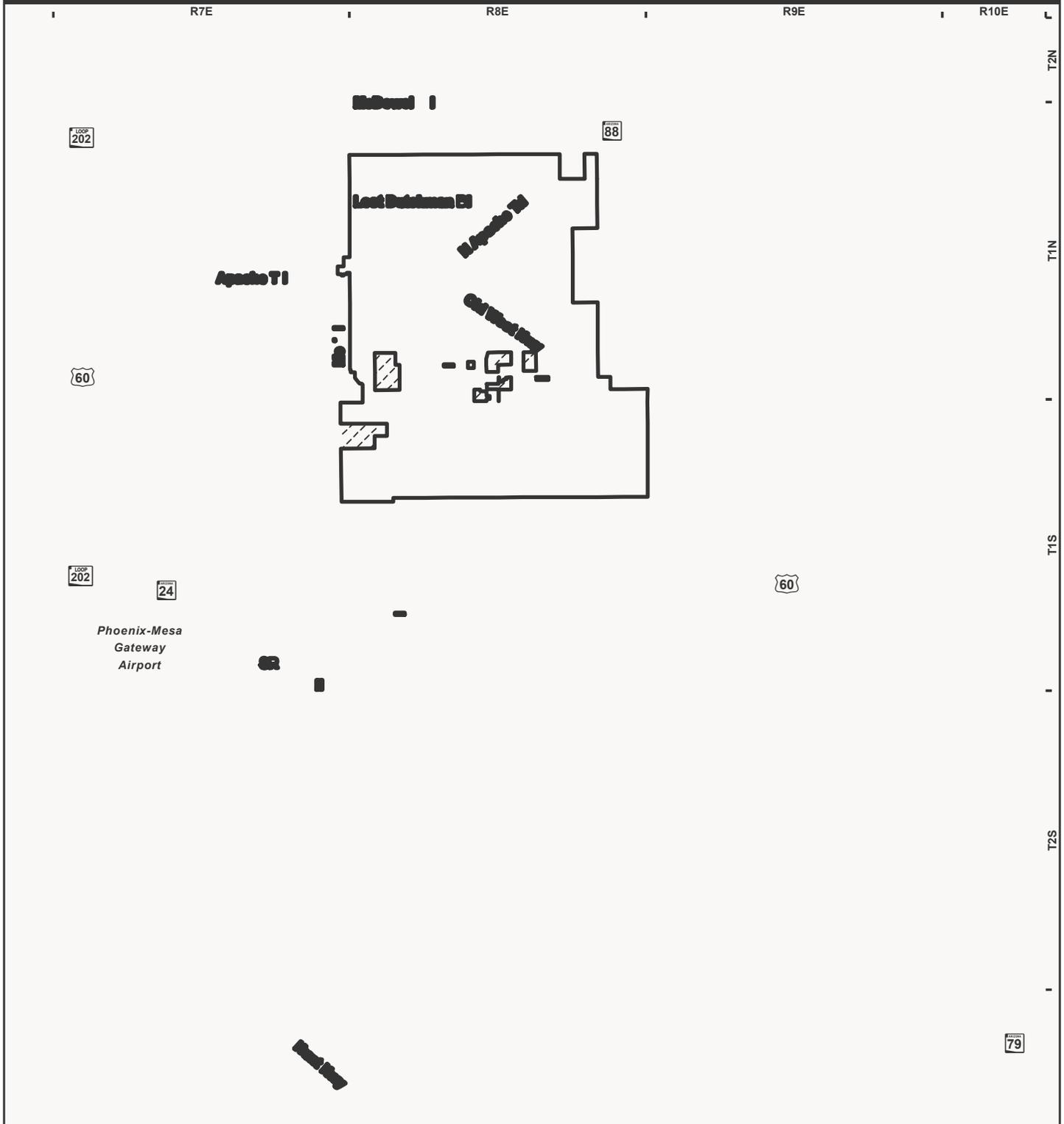
This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

<b>COVER SHEET</b>		Co	
Cover Sheet is completely filled out			
<b>PART A - Contacts and Project Description Fields</b>		Co	
Contact Information, fields 1 – 5 are complete			
Project Description, fields 6 - 8 are complete			
<b>PART B - Project Description</b>		Co	
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			
<b>PART C - Required Attachments</b>		Co	
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.			
<b>PART D - Cost Estimate Worksheet</b>		Co	
<b>PROCUREMENT</b> (Not applicable for construction projects)	REQUESTED PROGRAMMING (Rows 4-7)	Co	
	Location Description		
	Work Description		
	Funding Source		
	Preferred Year to Program Work		
PROCUREMENT/STUDY COSTS (Rows 9-29)			
<b>DESIGN</b> (Applicable for all construction projects; not applicable for procurement projects)	REQUESTED PROGRAMMING (Rows 30-33)	Co	
	Location Description		
	Work Description		
	Funding Source		
	Preferred Year to Program Work		
	PRELIMINARY ENGINEERING (Rows 35-38)		
	FINAL DESIGN (Rows 40-43)		

## Part F - Checklist

<b>RIGHT OF WAY</b> (Applicable only if ROW is to be acquired)	REQUESTED PROGRAMMING (Rows 46-49)	Co
	Location Description	
	Work Description	
	Funding Source	
	Preferred Year to Program Work	
	RIGHT OF WAY COST (Rows 51-63)	
<b>CONSTRUCTION</b> (Applicable for all construction projects; not applicable for procurement projects)	REQUESTED PROGRAMMING (Rows 55-58)	Co
	Location Description	
	Work Description	
	Funding Source	
	Preferred Year to Program Work	
	UTILITY RELOCATIONS (Required for Budget, May be 0 if no Utilities) (Rows 90-97)	
	CONSTRUCTION COST	Co
	1. Hardscape Construction (rows 99-131)	
	2. Landscaping & Irrigation Items (Rows 133-150)	
	3. Site Furnishings (Rows 152-159)	
	4. Other Construction Items. Also, Itemized Line Items For Non-Infrastructure Projects.(Rows 161-170)	
MOBILIZATION AND ADMINISTRATION COSTS (Rows 173-176)		
ADOT REVIEW FEE	Please enter 'Yes' if your agency is certified accepted by ADOT for construction (Cell E179)	
<b>PART E - Budget and Signature Page</b>		Co
Name, title and date fields under the signature are completed.		
<b>PART F - Signature and Checklist</b>		Co
Entire checklist is completed.		

# CAP Multi-Use Trail Project Vicinity



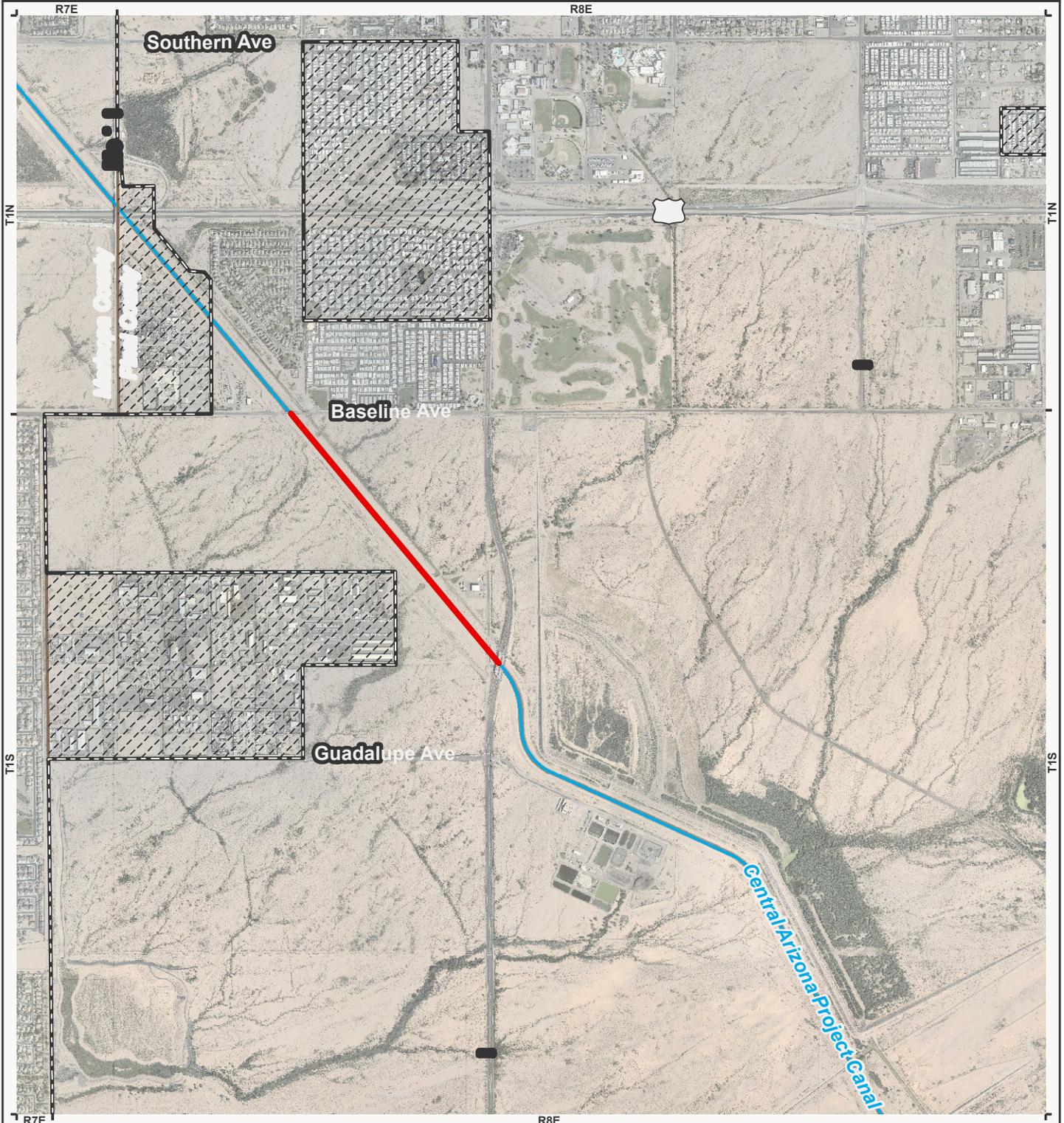
-  Project Location
-  Municipal Boundary
-  Pinal County Island
-  County Boundary
-  National Forest
-  Wilderness Area
-  Airport Boundary

September 16, 2019




0 15,000 30,000  
Feet

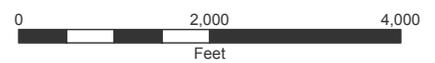
# CAP Multi-Use Trail Project Location



## LEGEND

-  Approximate Trail Location
-  Municipal Boundary
-  Pinal County Island
-  County Boundary

September 16, 2019



## 2. Apache Junction Segment

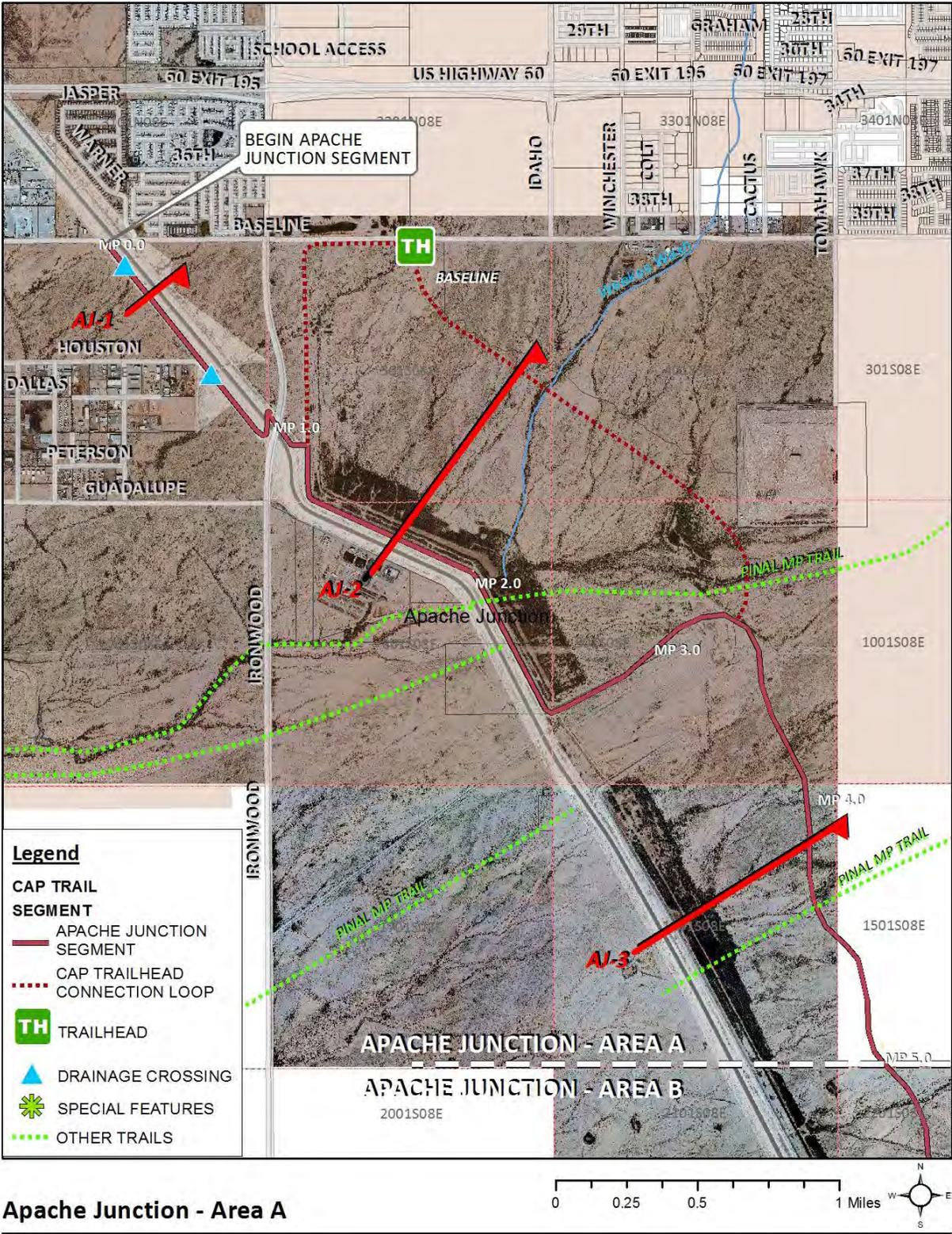


Figure 2-D – Trail Map – Apache Junction Segment – Area A

## 2. Apache Junction Segment

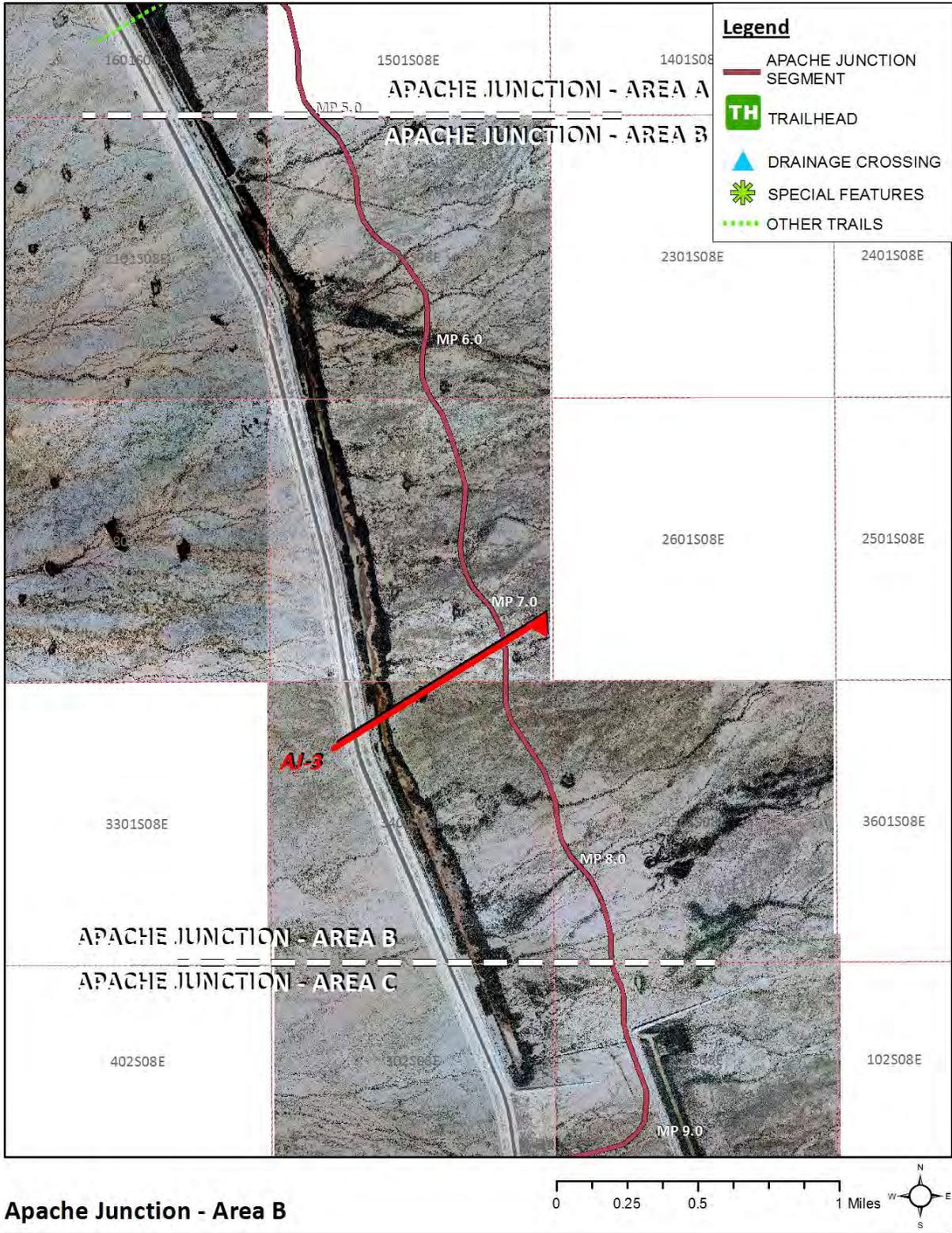


Figure 2-E – Trail Map – Apache Junction Segment – Area B

## 2. Apache Junction Segment

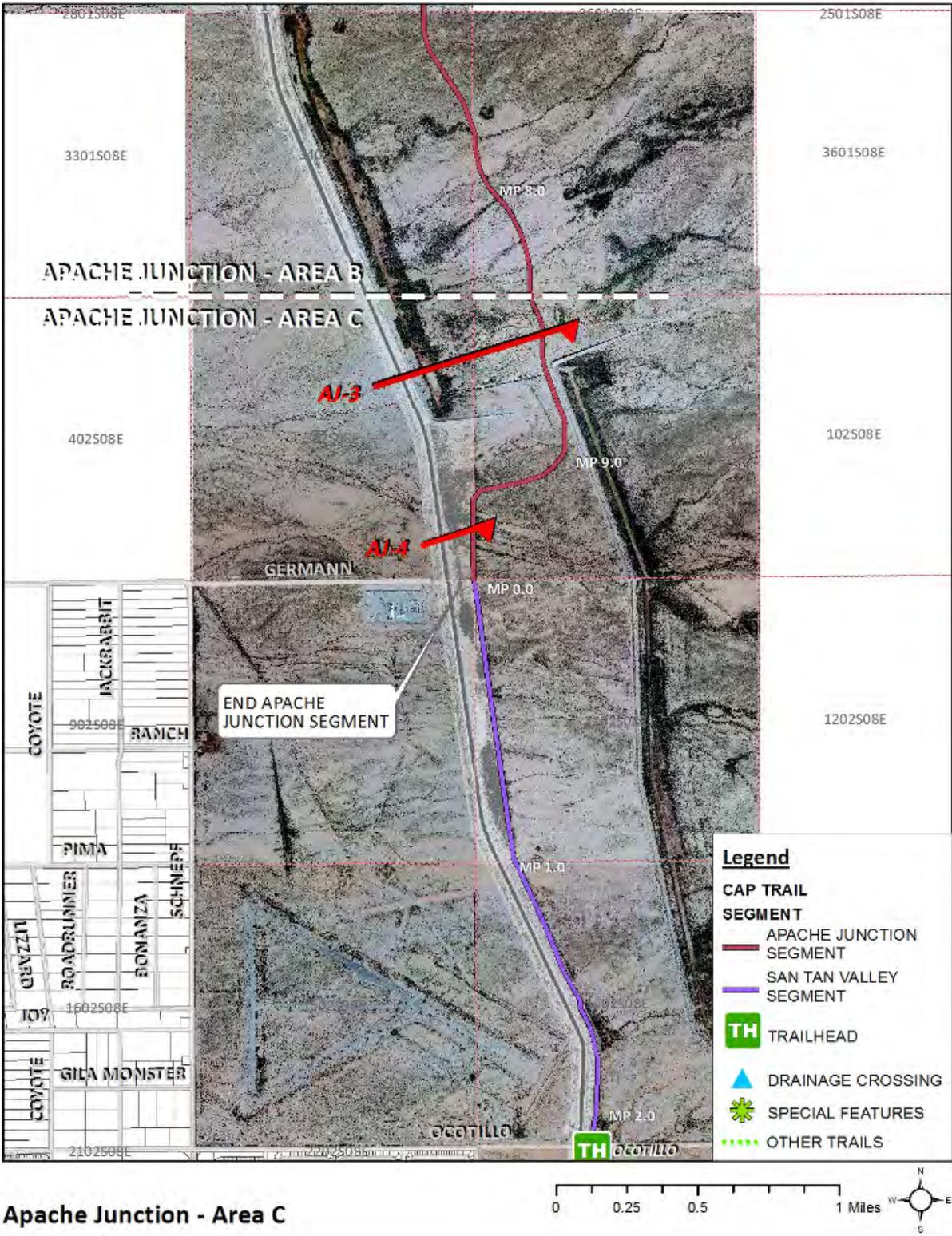


Figure 2-F – Trail Map – Apache Junction Segment – Area C

# CAP Trail - AJ Segment



Photo shows east side of the canal facing south.

Proposed Trailhead located at Baseline and Meridian Roads.

Currently restricted access with security fencing.

Proposed trail with safety rail along canal

Photo shows west side of the canal facing south.

Proposed Trailhead located at Baseline and Meridian Roads.

Currently restricted access with security fencing.

Proposed trail with safety rail along canal





Photo shows the potential trail location along the canal.

Photo shows the overpass at Ironwood Drive north of Guadalupe Road. The proposed trail route would be travel underneath the overpass allowing for safe travel on the multi-use path across a main arterial roadway.



Typical Cross Sections – Apache Junction Segment:

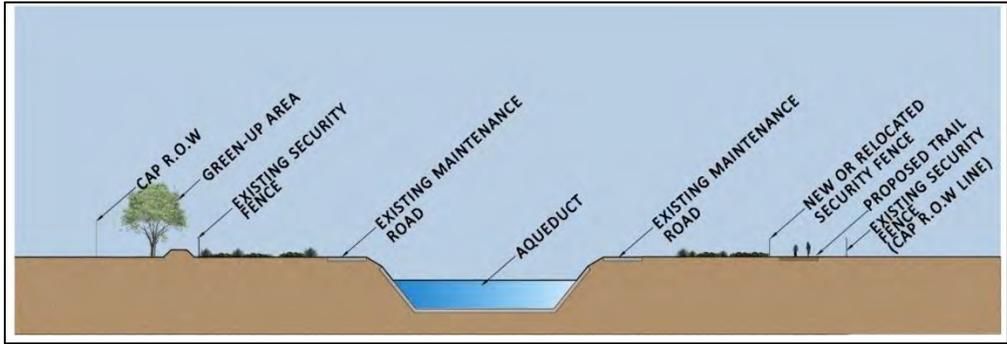


Figure 2-G: Cross Section AJ-1 – Typical of Mile Post 0.0 to Mile Post 0.9

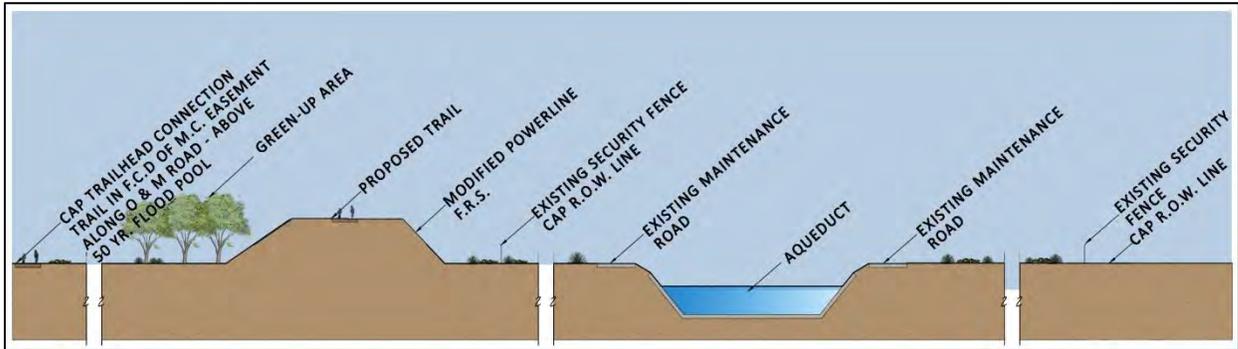


Figure 2-H: Cross Section AJ-2 – Typical of Mile Post 1.3 to Mile Post 2.8

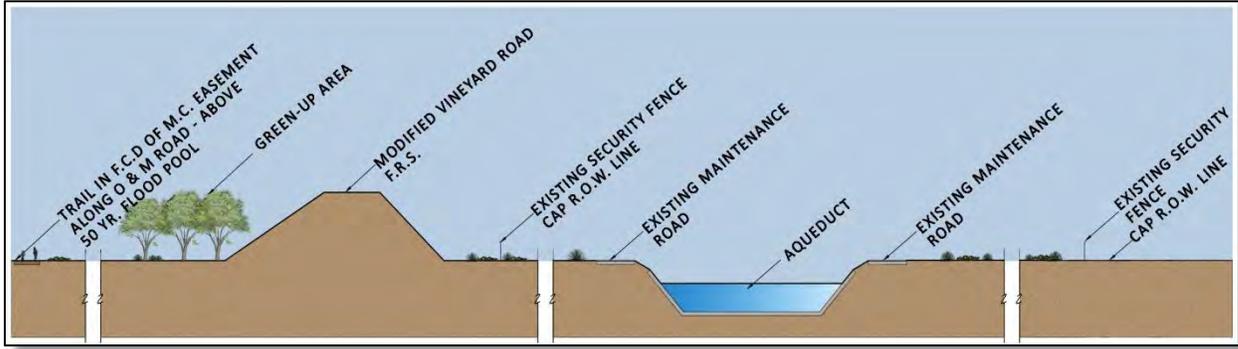


Figure 2-I: Cross Section AJ-3 – Typical of Mile Post 2.8 to Mile Post 9.4

2. Apache Junction Segment

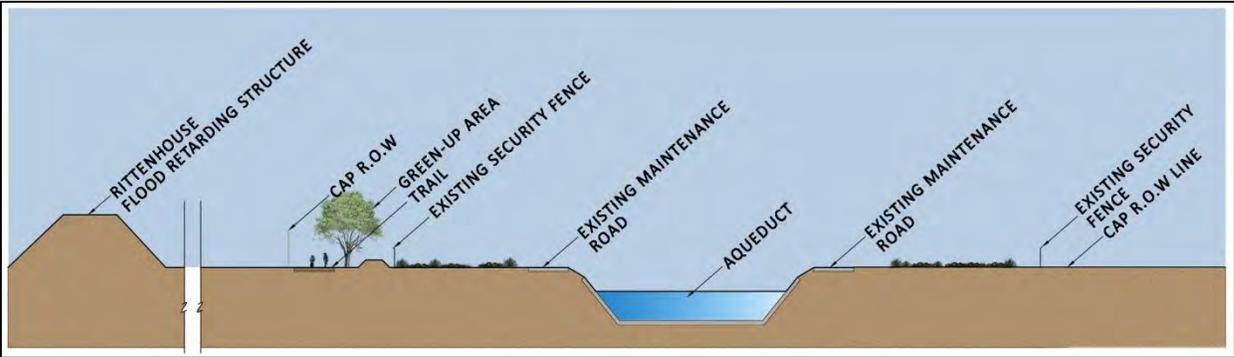


Figure 2-J: Cross Section AJ-4 – Typical of Mile Post 9.4 to Mile Post 9.6



**PINAL COUNTY**  
WIDE OPEN OPPORTUNITY

September 12, 2019

Liz Langenbach  
Parks and Recreation Director  
City of Apache Junction  
300 East Superstition Blvd.  
Apache Junction, AZ 85119

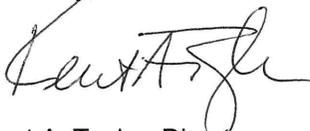
Dear Ms. Langenbach:

Please accept this letter of support for the City of Apache Junction's efforts to secure grant funding for portions of the Central Arizona Project National Recreation Trail (CAPNRT). Pinal County and the City of Apache Junction have been collaborating on trail planning, specifically as it relates to connectivity since 2006.

In 2007, Pinal County included the CAPNRT as one of three major "spine" trails in the Pinal County Open Space and Trails Master Plan. These trails formed the major trail linkages throughout the County, allowing for connectivity both inside and outside of the County. Pinal County completed the CAPNRT Master Plan in 2015 and just opened the first segment of 10.5 miles in the southern portion of the County. When complete the CAPNRT will stretch for close to 100 miles through Pinal County allowing a variety of multi-use, non-motorized trail and recreation opportunities. Additionally, the CAPNRT will link communities throughout the County providing a variety of economic development opportunities for these adjacent communities.

We look forward to our continued collaboration with the City of Apache Junction on this project.

Sincerely;

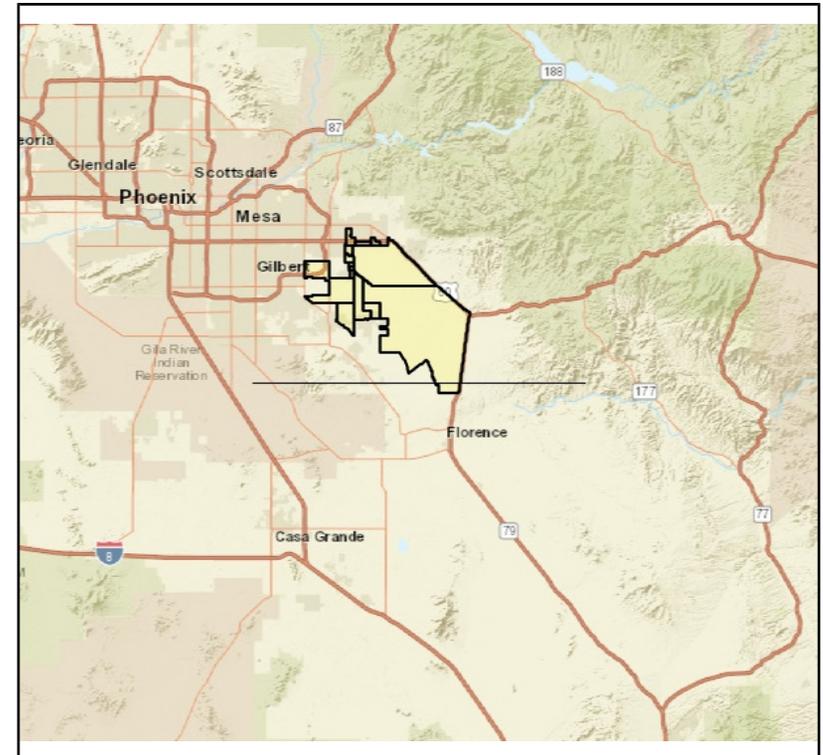


Kent A. Taylor, Director  
Pinal County Open Space and Trails  
PO Box 2973  
Florence, AZ 85132  
520-866-6910  
[kent.taylor@pinal.gov](mailto:kent.taylor@pinal.gov)

# Selected Block Groups Demographic Report

Selected Block Groups has a population of **33,215** with a minority\* population of **6,958** or **20.95%**.

Selected Block Groups has **11,647** total households.



## About the U.S. Census Bureau's 2013-2017 American Community Survey 5 year Estimates

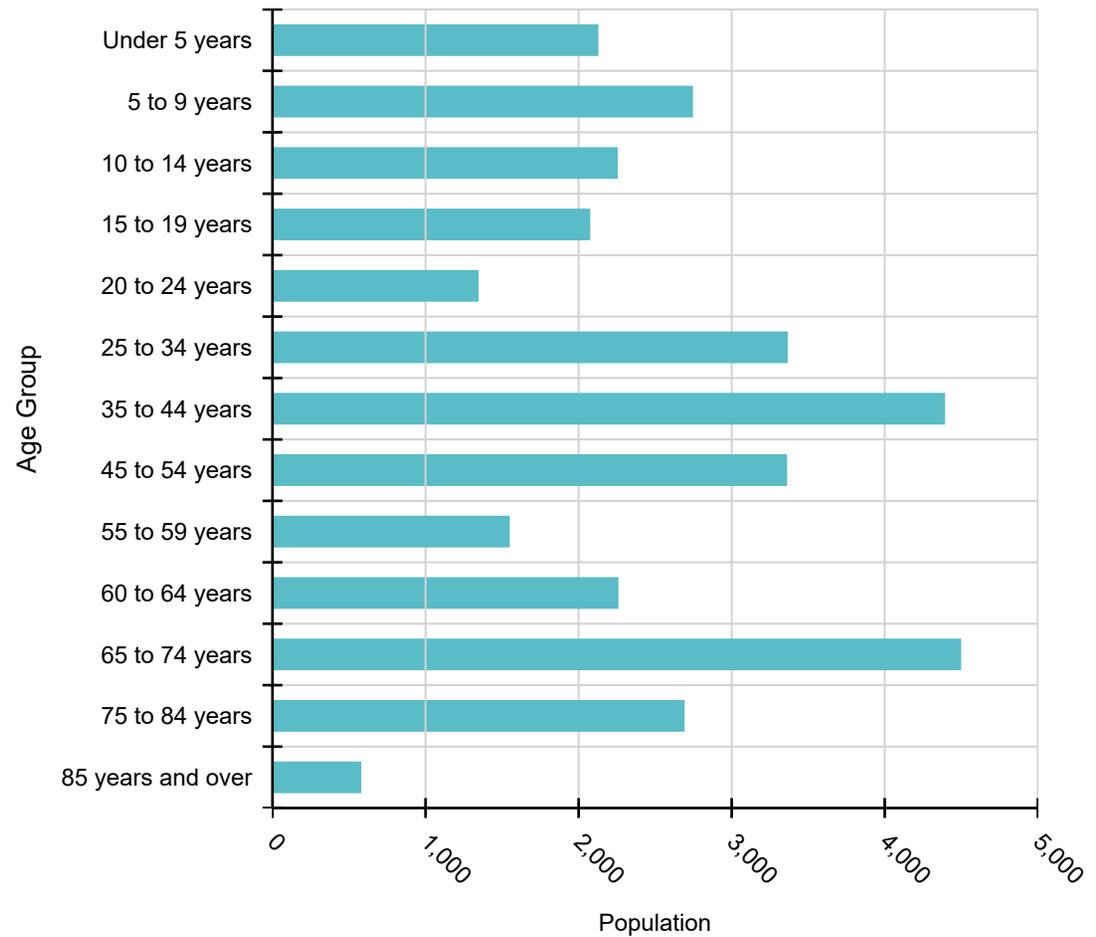
The American Community Survey (ACS) is a nationwide survey that uses continuous, multi-year sampling to produce estimates for a variety of geographical areas, the smallest being the Census Block Group. MAG uses the 5-year estimates because they provide increased statistical reliability for less populated areas and small population groups. ACS is a sample, meaning that it is not a full census of the population. For the 5 year estimates, surveys are collected from a sample population over the 5 year period. These surveys are then used to create estimates for the whole population. And, because it is an estimate of the whole population, there is a degree of uncertainty in the results. This degree of uncertainty is reflected in the margins of error that are calculated and reported along with the results of the survey. The margins of error are calculated at the 90 percent confidence level, meaning that users of the data can be 90 percent confident that the range reflected in the margin of error contains the true value. The margins of error are not reported on this web site, but are available from the Census at <http://factfinder.census.gov/> or are available upon request from MAG. More information on the methodology of the American Community Survey is available at <http://www.census.gov/acs/>.

\* Minority population is defined as the population that is of any race other than non-hispanic white.

## American Community Survey 2013-2017 5yr Estimates

Age		
Name	Total	Percent
Total	33,215	N/A
Under 5 years	2,126	6.4 %
5 to 9 years	2,744	8.3 %
10 to 14 years	2,251	6.8 %
15 to 19 years	2,073	6.2 %
20 to 24 years	1,343	4.0 %
25 to 34 years	3,362	10.1 %
35 to 44 years	4,391	13.2 %
45 to 54 years	3,359	10.1 %
55 to 59 years	1,547	4.7 %
60 to 64 years	2,257	6.8 %
65 to 74 years	4,496	13.5 %
75 to 84 years	2,689	8.1 %
85 years and over	577	1.7 %

Universe: Total Population

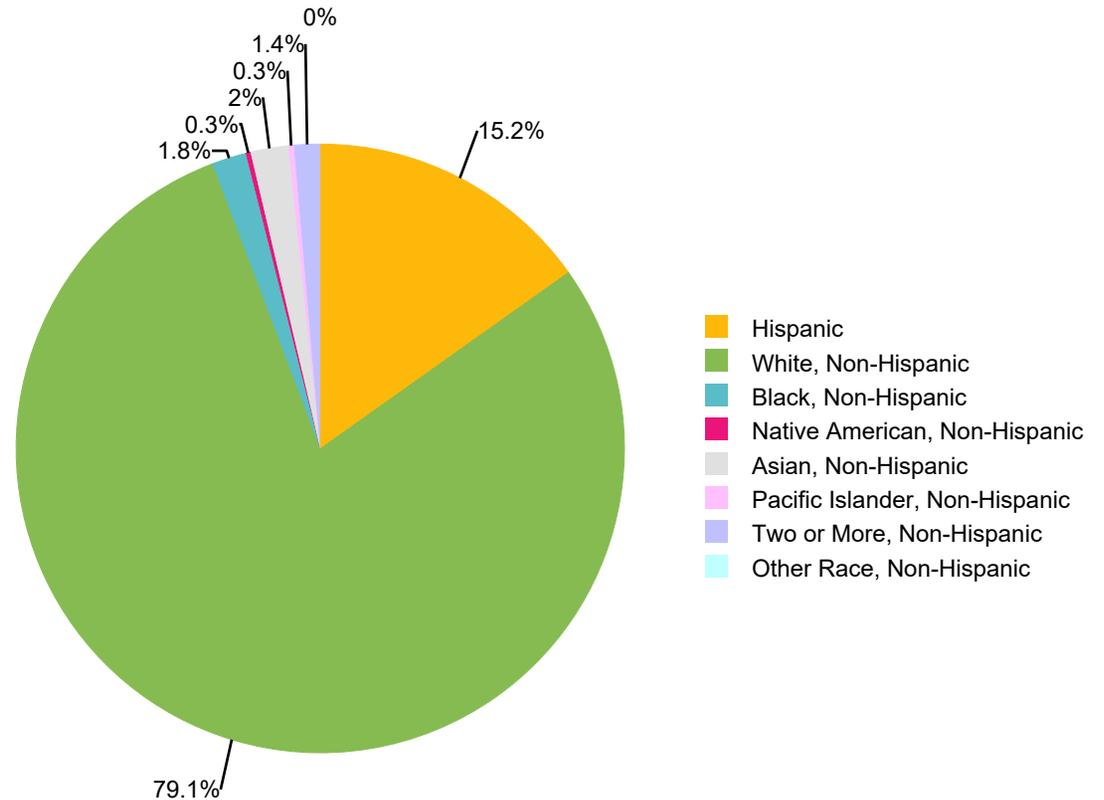


# Race and Ethnicity

## American Community Survey 2013-2017 5yr Estimates

Race and Ethnicity		
Name	Total	Percent
Total	33,215	N/A
Hispanic	5,041	15.2 %
White, Non-Hispanic	26,257	79.1 %
Black, Non-Hispanic	610	1.8 %
Native American, Non-Hispanic	84	0.3 %
Asian, Non-Hispanic	665	2.0 %
Pacific Islander, Non-Hispanic	100	0.3 %
Two or More, Non-Hispanic	458	1.4 %
Other Race, Non-Hispanic	0	0.0 %

Universe: Total Population

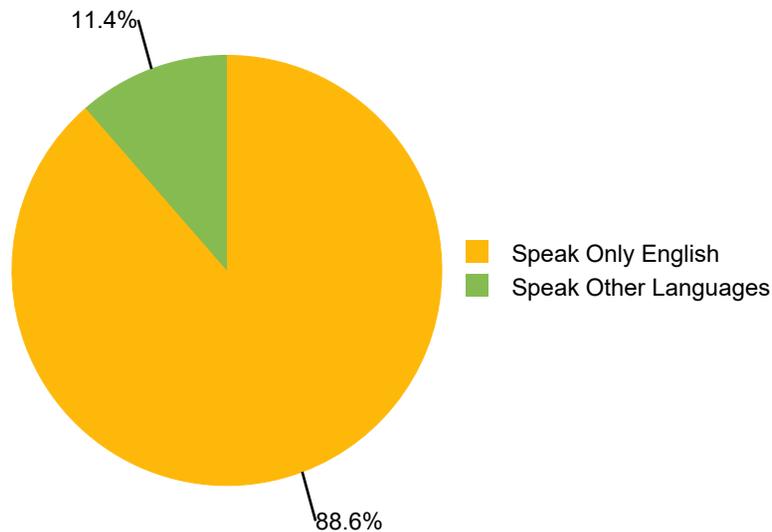


# Ability to Speak English / Veterans Status by Age

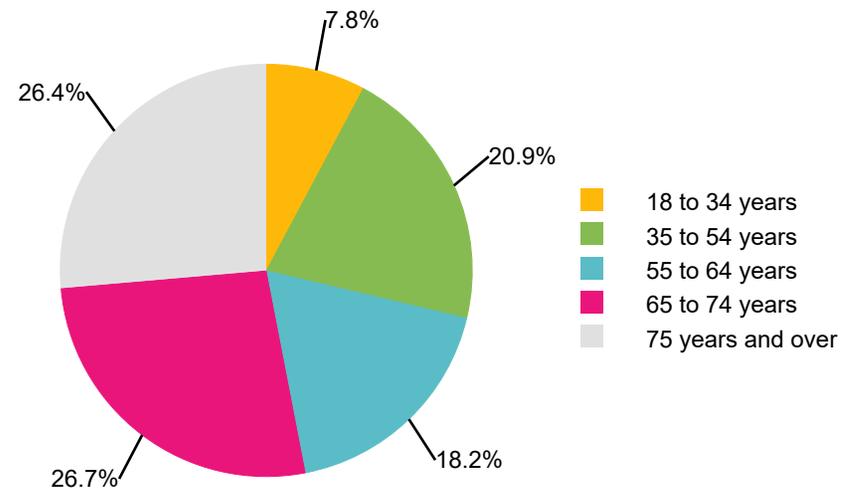
## American Community Survey 2013-2017 5yr Estimates

Ability to Speak English		
Name	Total	Percent
Speak Only English	27,544	88.6 %
Speak Other Languages	3,545	11.4 %
Speak English "very well"	2,335	N/A
Persons with Limited English Proficiency (LEP)	1,210	N/A
Speak English "well"	605	N/A
Speak English "not well"	507	N/A
Speak English "not at all"	98	N/A

Veterans Status		
Name	Total	Percent
Civilian Population 18 years and over	24,639	N/A
Civilian veterans	3,003	12.2 %
Male	2,716	N/A
Female	287	N/A
18 to 34 years	234	7.8 %
35 to 54 years	628	20.9 %
55 to 64 years	548	18.2 %
65 to 74 years	801	26.7 %
75 years and over	792	26.4 %



Universe: Population 5 years and over



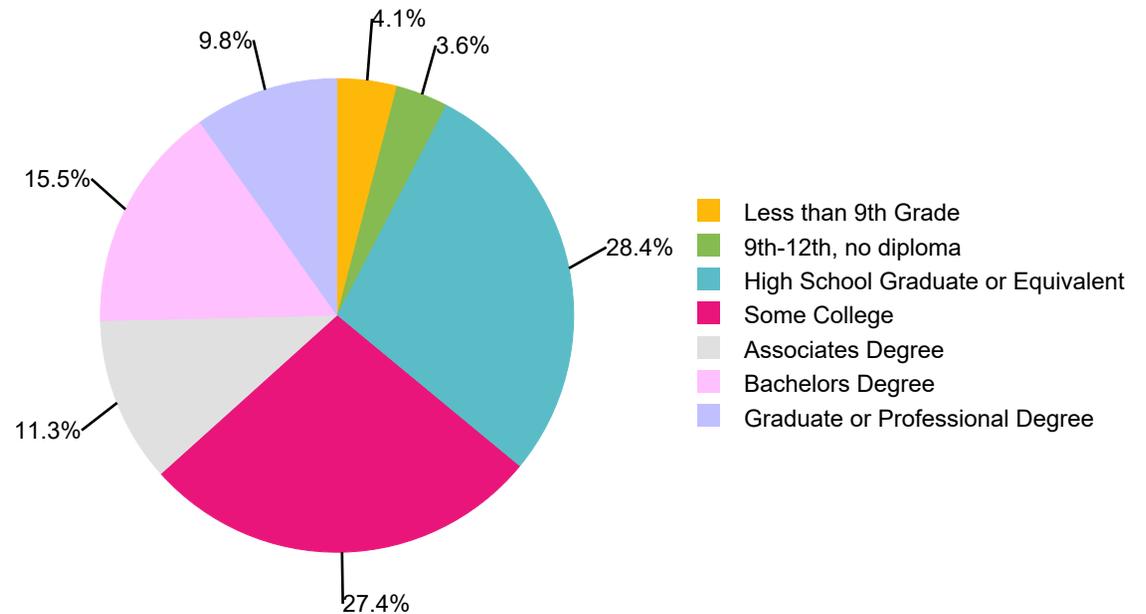
Universe: Civilian Population 18 years and over

# Educational Attainment

## American Community Survey 2013-2017 5yr Estimates

Educational Attainment		
Name	Total	Percent
Population 25 and over	22,678	100.0 %
Less than 9th Grade	922	4.1 %
9th-12th, no diploma	808	3.6 %
High School Graduate or Equivalent	6,431	28.4 %
Some College	6,204	27.4 %
Associates Degree	2,558	11.3 %
Bachelors Degree	3,523	15.5 %
Graduate or Professional Degree	2,232	9.8 %

*Universe: Population Age 25 Years and Over*



# Household Income and Households

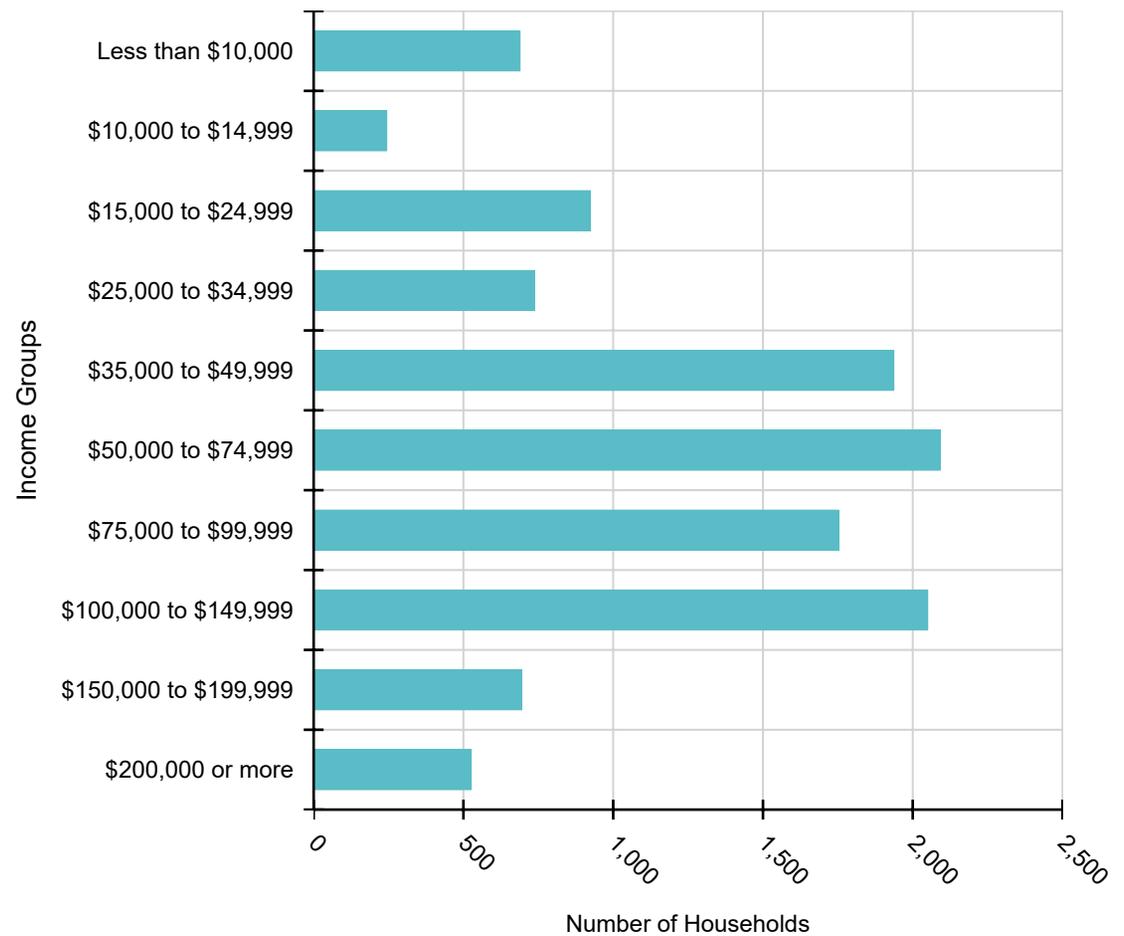
## American Community Survey 2013-2017 5yr Estimates

Household Income (In 2017 inflation-adjusted dollars)		
Name	Total	Percent
Total Households	11,647	N/A
Median Household Income	\$	N/A
Less than \$10,000	689	5.9 %
\$10,000 to \$14,999	244	2.1 %
\$15,000 to \$24,999	924	7.9 %
\$25,000 to \$34,999	737	6.3 %
\$35,000 to \$49,999	1,937	16.6 %
\$50,000 to \$74,999	2,092	18.0 %
\$75,000 to \$99,999	1,753	15.1 %
\$100,000 to \$149,999	2,050	17.6 %
\$150,000 to \$199,999	695	6.0 %
\$200,000 or more	526	4.5 %

Universe: Households

Households		
Name	Total	Percent
Total Households	11,647	N/A
Average Household Size	40	N/A
Family Households (Families)	8,628	74.1 %
Married-couple family	7,427	N/A
Female Householder, no husband present	685	N/A
with own children under 18 years	293	N/A
Nonfamily Households	3,019	25.9 %
Householder living alone	2,573	N/A

Universe: Households



# Poverty Status

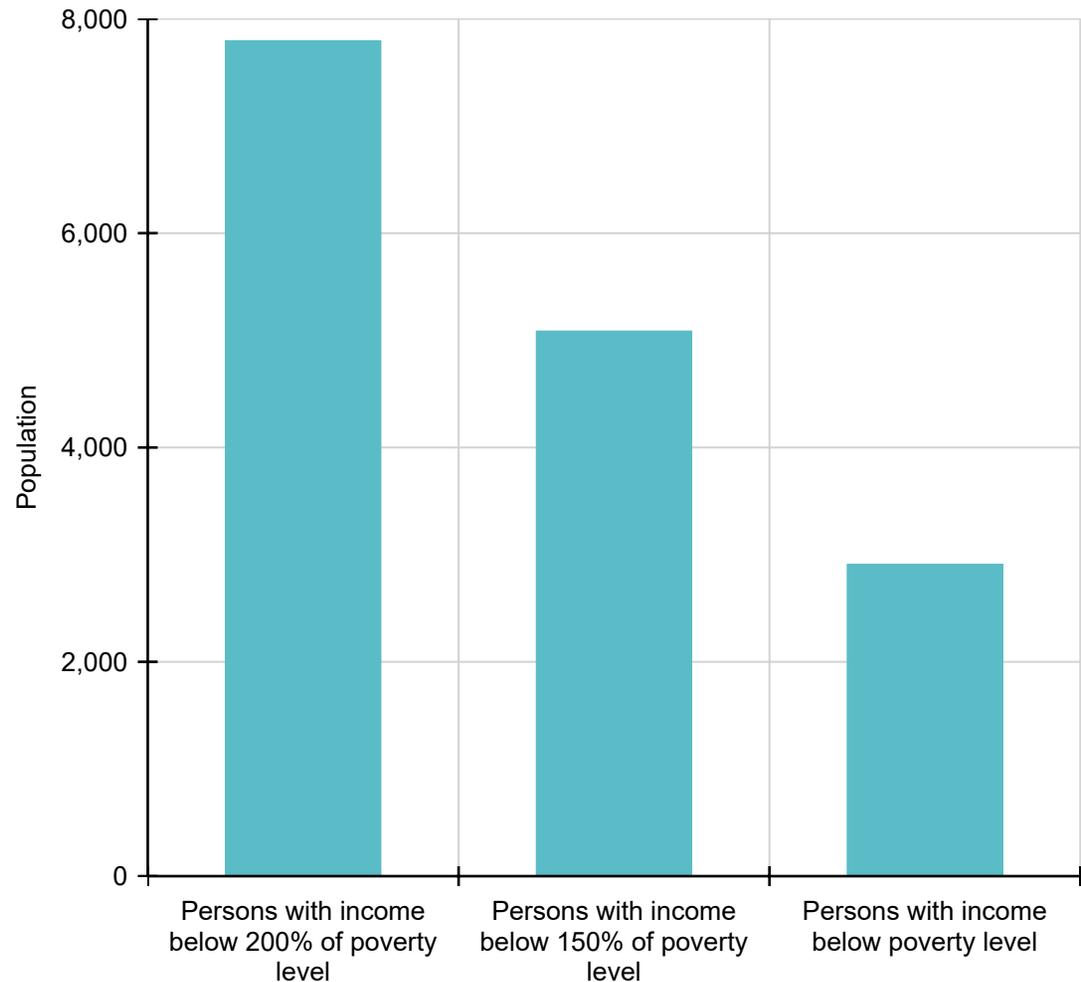
## American Community Survey 2013-2017 5yr Estimates

Poverty Status in the Past 12 Months		
Name	Total	Percent
Persons for whom poverty status is determined	33,103	N/A
Persons with income below poverty level	2,911	8.8 %
Persons with income below 150% of poverty level	5,087	15.4 %
Persons with income below 200% of poverty level	7,795	23.5 %

*Universe: Persons for whom poverty status is determined*

Poverty Status for Families in the Past 12 Months		
Name	Total	Percent
Total Families	8,628	N/A
Families with income below poverty level	591	6.8 %
Married-couple family with related children under 18 years	329	N/A
Female householder, no husband present with related children under 18 years	169	N/A
Male householder, no wife present with related children under 18 years	156	N/A
Female householder, no husband present with related children under 18 years	139	N/A
Male householder, no wife present with related children under 18 years	106	N/A
Female householder, no husband present with related children under 18 years	0	N/A

*Universe: Families*

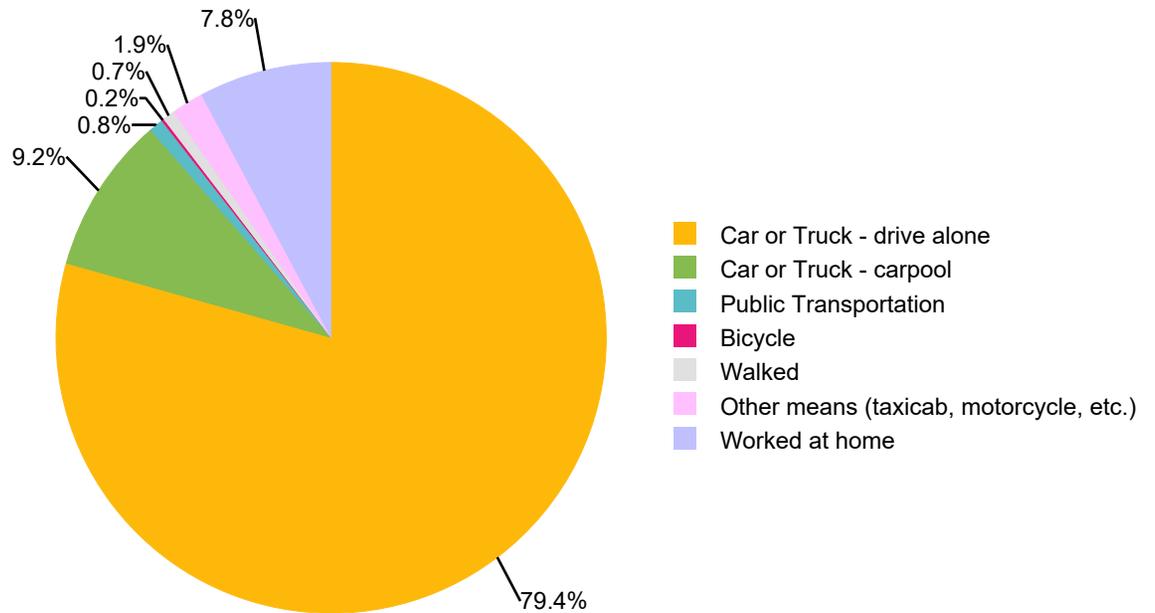


# Modes of Transportation

## American Community Survey 2013-2017 5yr Estimates

Commuting to Work		
Name	Total	Percent
Workers 16 years and over	12,557	N/A
Car or Truck - drive alone	9,965	79.4 %
Car or Truck - carpool	1,161	9.2 %
Public Transportation	105	0.8 %
Bicycle	19	0.2 %
Walked	89	0.7 %
Other means (taxicab, motorcycle, etc.)	237	1.9 %
Worked at home	981	7.8 %

Universe: Workers age 16 years and over

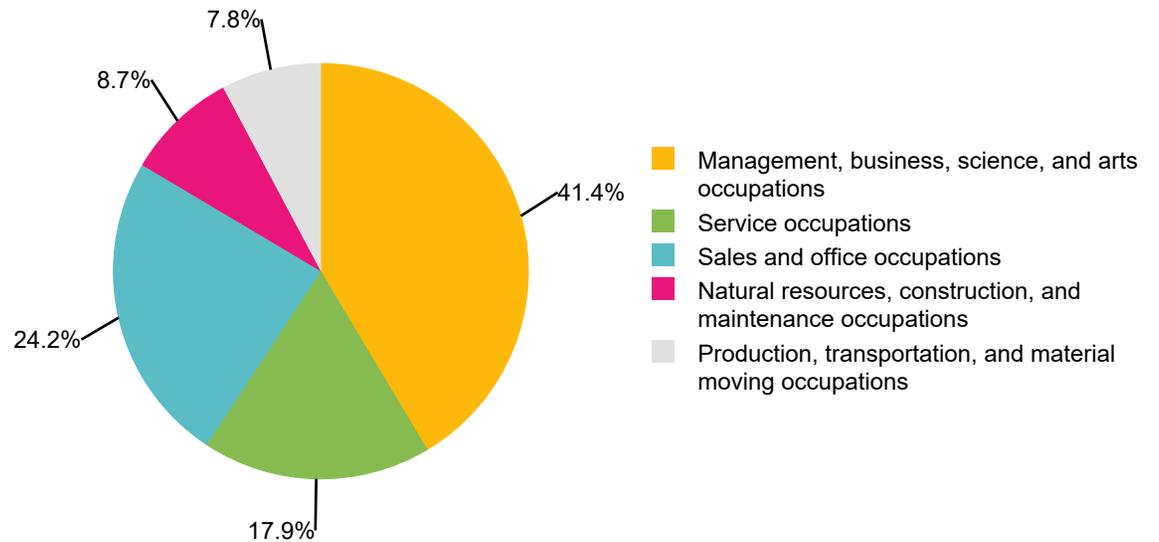


# Occupation

## American Community Survey 2013-2017 5yr Estimates

Occupation		
Name	Total	Percent
Civilian employed population 16 years and over	12,716	N/A
Management, business, science, and arts occupations	5,268	41.4 %
Service occupations	2,271	17.9 %
Sales and office occupations	3,083	24.2 %
Natural resources, construction, and maintenance occupations	1,104	8.7 %
Production, transportation, and material moving occupations	990	7.8 %

*Universe: Civilian employed population 16 years and over*



# Occupancy, Tenure, Value, and Rent

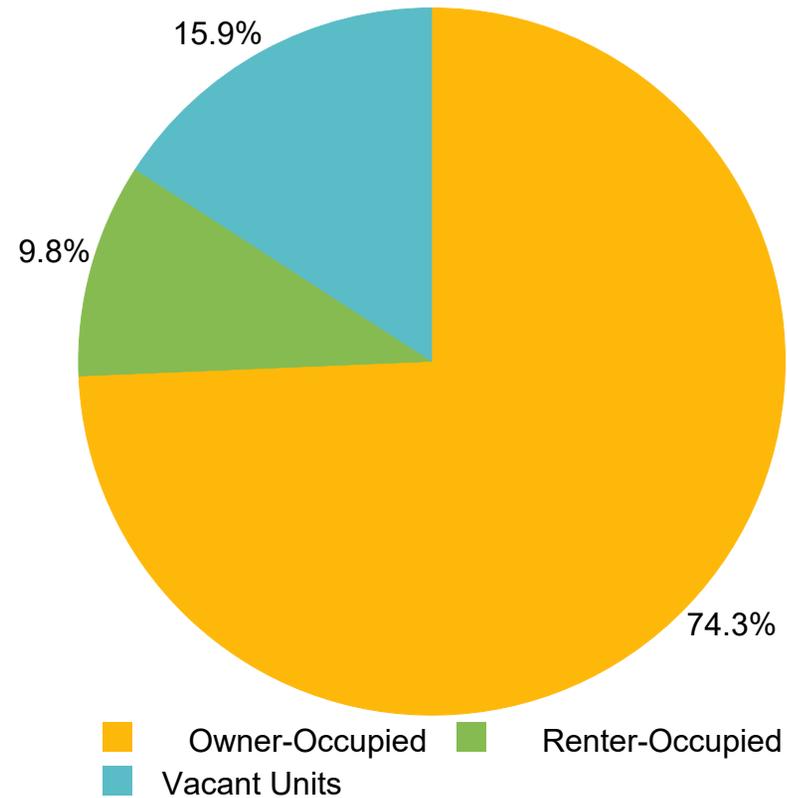
## American Community Survey 2013-2017 5yr Estimates

Housing			
Name	Total	Percent	Per Sq Mile
Housing Units	13,842	N/A	75.7
Occupied Housing Units	11,647	84.1 %	63.7
Owner-Occupied	10,290	74.3 %	56.3
Renter-Occupied	1,357	9.8 %	7.4
Vacant Units	2,195	15.9 %	12.0
Median Housing Value	\$	N/A	N/A
Median Rent	\$	N/A	N/A

Universe: Housing Units

Housing		
Name	Total	Percent
Total Housing Units	13,842	N/A
1, detached	9,448	68.3 %
1, attached	783	5.7 %
2 to 9	96	0.7 %
10 or more	0	0.0 %
Mobile Home	3,325	24.0 %
Boat, RV, van, etc.	190	1.4 %

Universe: Housing Units

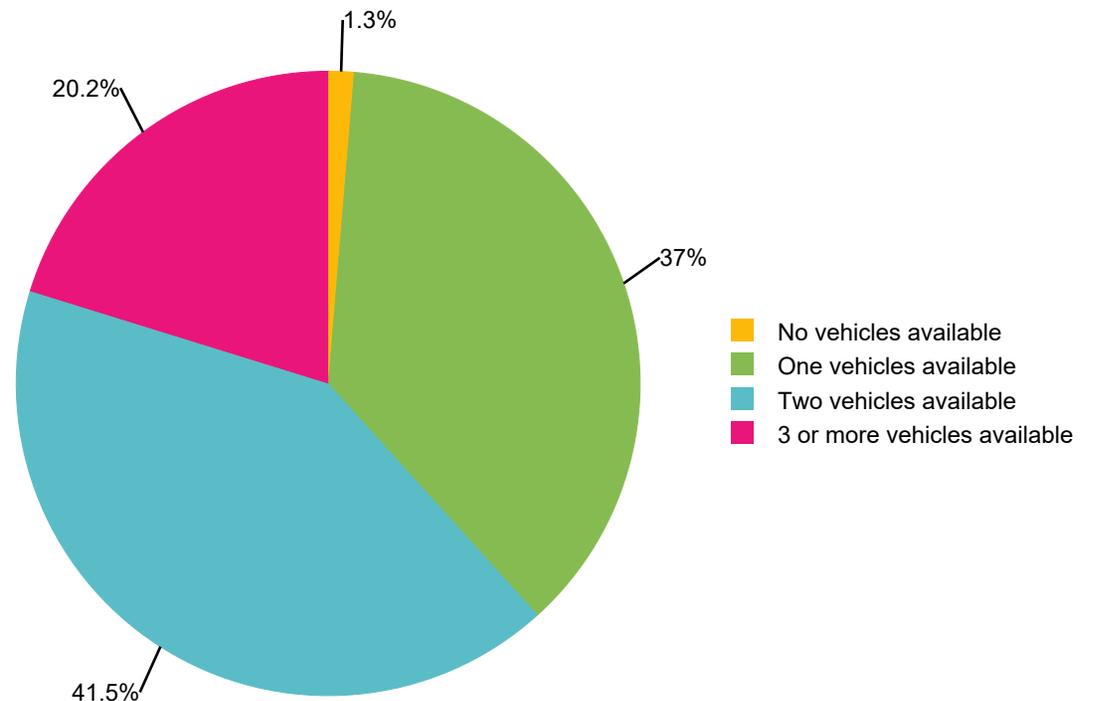


# Vehicles Available

## American Community Survey 2013-2017 5yr Estimates

Vehicles Available		
Name	Total	Percent
Total Occupied Housing Units	11,647	N/A
No vehicles available	154	1.3 %
One vehicles available	4,306	37.0 %
Two vehicles available	4,832	41.5 %
3 or more vehicles available	2,355	20.2 %

Universe: Occupied Housing Units

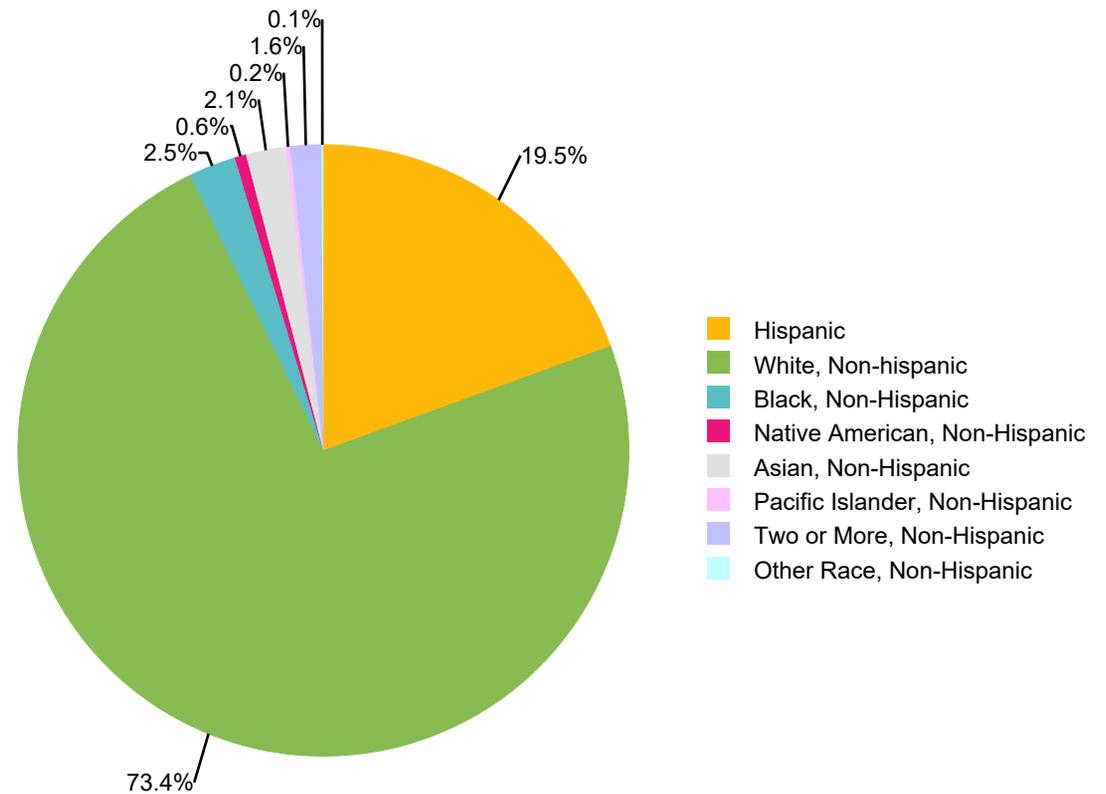


# Race

## U.S. Census Bureau, 2010 Decennial Census

Race		
Name	Total	Percent
Total Population	28,242	N/A
Hispanic	5,494	19.5 %
White, Non-hispanic	20,719	73.4 %
Black, Non-Hispanic	707	2.5 %
Native American, Non-Hispanic	171	0.6 %
Asian, Non-Hispanic	597	2.1 %
Pacific Islander, Non-Hispanic	66	0.2 %
Two or More, Non-Hispanic	458	1.6 %
Other Race, Non-Hispanic	30	0.1 %

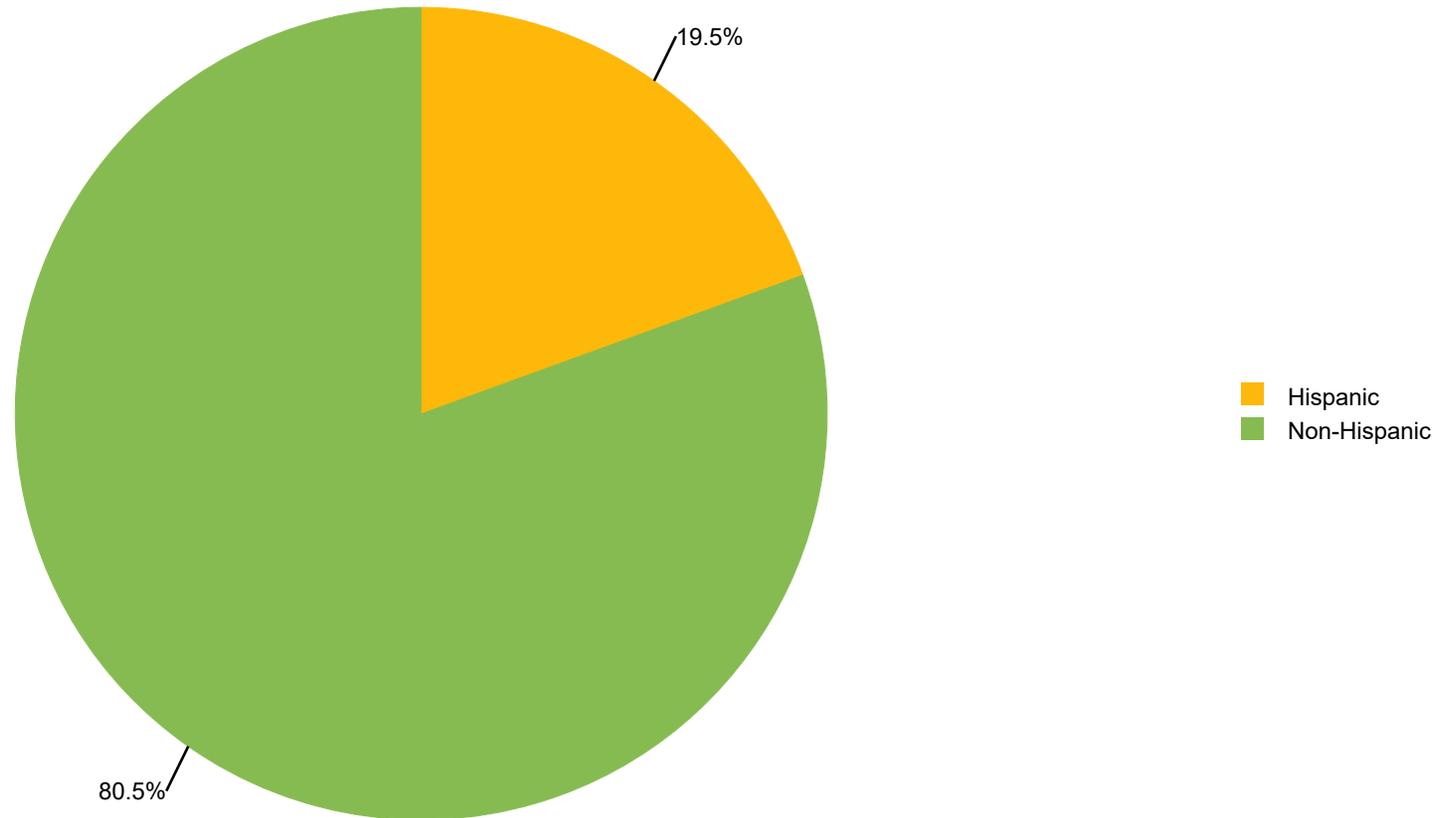
Universe: Total Population



## U.S. Census Bureau, 2010 Decennial Census

Ethnicity		
Name	Total	Percent
Total Population	28,242	N/A
Hispanic	5,494	19.5 %
Non-Hispanic	22,748	80.5 %

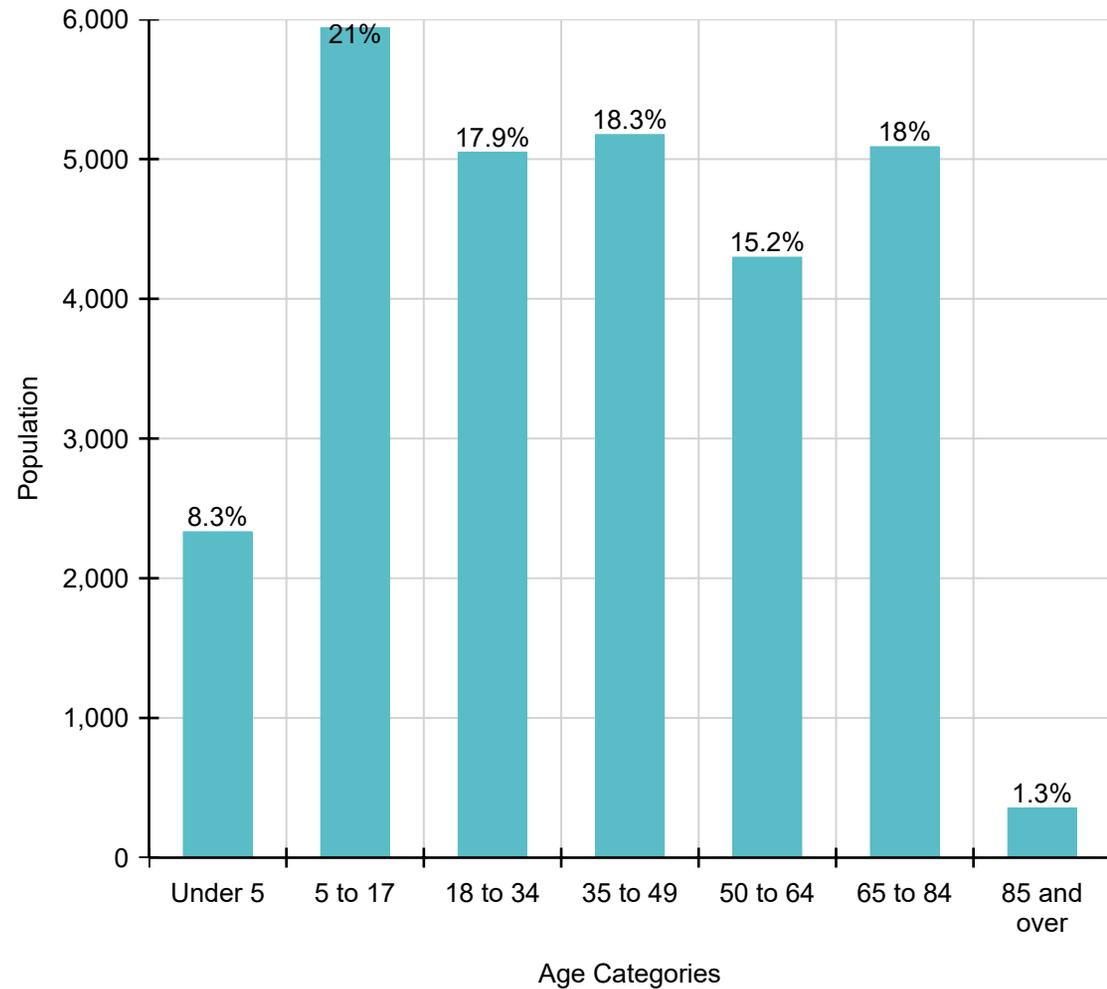
*Universe: Total Population*



## U.S. Census Bureau, 2010 Decennial Census

Age		
Name	Total	Percent
Median Age		N/A
Under 05	2,333	8.3 %
5 to 17	5,940	21.0 %
18 to 34	5,050	17.9 %
35 to 49	5,176	18.3 %
50 to 64	4,298	15.2 %
65 to 84	5,089	18.0 %
85 and over	356	1.3 %
50 Plus	9,743	34.5 %
60 Plus	7,162	25.4 %
65 Plus	5,445	19.3 %
70 Plus	3,701	13.1 %
75 Plus	2,140	7.6 %

Universe: Total Population



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