



## **Arroyo Projects**



**HAHAMONGNA**



FY 2009 - 2014 Capital Improvement Program  
Arroyo Projects - Hahamongna

Priority	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
1	Hahamongna Watershed Park - Implement Master Plan (77565)	33,063,163	211,600	0	0	32,851,563
2	Hahamongna - Implement Master Plan - Oak Grove Area Improvements (77506)	4,137,775	2,864,348	0	0	1,273,427
3	Hahamongna - Implement Master Plan - Trail Development - Phases I and II (77507)	869,440	80,000	789,440	0	0
4	Implement Master Plan - Habitat Restoration - Phases I and II (77508)	520,000	420,000	0	0	100,000
5	Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements (77509)	954,600	140,000	0	0	814,600
6	Implement Master Plan - Hahamongna Watershed Park - Sunset Overlook (77510)	464,100	264,100	100,000	0	100,000
7	Building Upgrades at Hahamongna Annex	1,500,000	0	0	0	1,500,000
8	Utility and Infrastructure Improvements at Hahamongna Annex (77901)	450,000	0	450,000	0	0
9	Park Roadway Improvements	1,550,000	0	0	0	1,550,000
<b>Total</b>		43,509,078	3,980,048	1,339,440	0	38,189,590

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Hahamongna Watershed Park - Implement Master Plan  
 77565

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
1	77565	Hahamongna Watershed Park - Implement Master Plan					
		Recreational Trails Grant	201,600	201,600	0	0	0
		Residential Impact Fee R8b200600344	10,000	10,000	0	0	0
		Unfunded	32,851,563	0	0	0	32,851,563
		<b>Total</b>	<b>33,063,163</b>	<b>211,600</b>	<b>0</b>	<b>0</b>	<b>32,851,563</b>

**Hahamongna Watershed Park - 2024 Oak Grove Dr.**

**DESCRIPTION:** This project provides for the implementation of improvements as identified in the Master Plan for Hahamongna Watershed Park adopted by City Council on September 29, 2003.



Elements of the Master Plan include:

1. Flint Wash Bridge Crossing - COMPLETED
2. Upgrade existing restrooms at Oak Grove Park - COMPLETED
3. Westside picnic amenities, including ADA compliance - COMPLETED
4. Oak Grove area improvements
  - a. Construction of group picnic shade structures and related amenities - Phase II
  - b. Oak Grove field restroom - Phase II
  - c. Foothill drain improvements - Phase II
  - d. Outdoor amphitheater improvements - Phase II
  - e. Expanded parking area - Phase II
  - f. Establishment of native plant nursery
  - g. Construct Sycamore Grove field
  - h. Construct third multi-use field
  - i. Upgrade Oak Grove maintenance office and sewer
  - j. Disc golf course improvements - Phase I - COMPLETED
5. Habitat Restoration
  - a. Restoration of habitat along Westside Perimeter Trail and Berkshire Creek - Phase I
  - b. Restoration of Oak Woodland on westside - COMPLETED
  - c. Realign stream corridor, restore and establish habitat
  - d. Restoration of Riversidian and Alluvial Fan Sage Scrub
  - e. Establish habitat at spreading basins
  - f. Widen stream channel and establish riparian habitat
  - g. Establish east entrance habitat
  - h. Establish habitat at Sycamore Field and relocate disc golf
  - i. Establish habitat at third multi-use field

FY 2009 - 2014 Capital Improvement Program  
Arroyo Projects - Hahamongna  
Hahamongna Watershed Park - Implement Master Plan  
77565

---

- j. Establish Oak Woodland at Sunrise overlook
- k. Establish Sycamore Woodland on eastside
- l. Establish riparian habitat at perimeter of the flood management/water conservation pool
- 6. Devil's Gate Dam area improvements
  - a. New parking area
  - b. East access to dam
  - c. West access to dam
  - d. Closure of La Canada-Verdugo Road
  - e. Dam Keeper's quarters and public restroom
  - f. Improvements at dam and observation deck
- 7. Westside Park access improvements
  - a. Foothill Boulevard entrance
  - b. Oak Grove Drive improvements
- 8. Eastside Park access improvements
  - a. Improvements to park entrance
- 9. Water Conservation
  - a. Seasonal flood management water conservation pool
  - b. Pump-back system
  - c. Storm drain modifications
  - d. Westside spreading basins
  - e. Eastside spreading basins
  - f. Altadena drain improvements
  - g. Altacrest drain improvements
- 10. Flood Management
  - a. Sediment and debris management
  - b. Sediment removal access
- 11. Supervised overnight camping area
  - a. Park ranger station improvements and infrastructure
  - b. Improvements to existing parking areas
  - c. Construction of group shade structures and camp/picnic amenities
- 12. Equestrian staging area improvements
  - a. Upgrade of existing restroom and sewage lift station
  - b. Realignment and widening of access road and parking improvements
  - c. Berkshire Creek improvements - Phase I
- 13. Sunrise overlook amphitheater and trail access
- 14. Sunset overlook and Gabrielino Trailhead improvements
- 15. Gabrielino Trail Area
  - a. Convert JPL parking to public parking
  - b. Construct new public restroom
- 16. Trail development

FY 2009 - 2014 Capital Improvement Program  
Arroyo Projects - Hahamongna  
Hahamongna Watershed Park - Implement Master Plan  
77565

---

- a. Perimeter trail - Westside Perimeter Trail
  - b. North Bridge Crossing
  - c. East Rim trail improvements
  - d. Trail connections from East Rim Trail to Basin Perimeter Trail
  - e. West Rim trail improvements - realigned segment - COMPLETED
  - f. Trail connection from West Rim Trail to Basin Perimeter Trail - Two Segments - Phase I - COMPLETED
  - g. Dam observation trail
17. Bicycle Route
18. Utilities
- a. Underground Pasadena's Eastside overhead power and communication lines
  - b. Relocate the existing Southern California Edison power line in the Hahamongna Basin
  - c. Relocate the existing Pasadena power and communication line
  - d. Relocate the SCE north/south transmission and south distribution line
19. Security, safety and accessibility improvements

**JUSTIFICATION:** The improvements proposed by the master plan reflect the recommendations of the community, master plan oversight committee, and the City Council to make the park an attractive area that will enhance the recreational, cultural, and aesthetic needs of Pasadena and its neighboring communities.

**SCHEDULE:** The following components of the Hahamongna Watershed Park Master Plan will be done as part of other projects in FY 2009:

Oak Grove Area Improvements - Environmental compliance for Phases II and III and design for Phase II will be completed;

Hahamongna Trail Development Phases I and II - Phase II environmental compliance and final design will be completed;

Habitat Restoration Phases I and II - Phase II environmental compliance and final design will be completed;

Berkshire Creek Area Improvements Phase I - Design and environmental compliance for the Berkshire Creek improvements will be completed in FY 2009; and

Hahamongna Sunset Overlook - Construction will begin.

**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with the Conservation Element of the General Plan by helping to make optimal use of local water resources and is consistent with the Cultural and Recreational Element of the General Plan by helping to obtain the



FY 2009 - 2014 Capital Improvement Program  
Arroyo Projects - Hahamongna  
Hahamongna Watershed Park - Implement Master Plan  
77565

---

optimum use of existing recreational areas. Further, the project is consistent with the Land Use Element, Policy 9.2 - Arroyo Seco, by continuing and completing comprehensive planning and implementation of plans for the Arroyo, including development of the Hahamongna Watershed Park plan.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area that has been targeted for revitalization.

**HISTORY:** This project was created and received initial funding in FY 1998.

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Hahamongna - Implement Master Plan - Oak Grove Area Improvements  
 77506

<b>Priority</b>	<b>Project No.</b>	<b>Description</b>	<b>Total Estimated Cost</b>	<b>Appropriated Through FY 2008</b>	<b>Adopted FY 2009</b>	<b>Proposed FY 2010</b>	<b>FY 2011 to 2014 Estimated Cost</b>
2	77506	Hahamongna - Implement Master Plan - Oak Grove Area Improvements					
		2004 Youth Soccer & Recreational Development Program	1,000,000	1,000,000	0	0	0
		Proposition A (Parks) 1992	882,900	882,900	0	0	0
		Proposition A (Parks) 1996	981,448	981,448	0	0	0
		Unfunded	1,273,427	0	0	0	1,273,427
		<b>Total</b>	<b>4,137,775</b>	<b>2,864,348</b>	<b>0</b>	<b>0</b>	<b>1,273,427</b>

FY 2009 - 2014 Capital Improvement Program  
Arroyo Projects - Hahamongna  
Hahamongna - Implement Master Plan - Oak Grove Area Improvements  
77506

---

**Hahamongna Watershed Park - 2024 Oak Grove Dr.**



**DESCRIPTION:** Phase I of this project provides for disc golf course improvements to relocate tees and baskets for holes 5 and 6 and to provide seating and signage at all 18 holes. In addition, this project provides for the design, further required environmental compliance, and implementation of the following Oak Grove improvements:

- Group picnic shade structures and related amenities
- Oak Grove field restroom
- Foothill drain improvements
- Outdoor amphitheater improvements
- Expanded parking area
- Sycamore Grove multi-purpose field

Phase II will provide for the design and implementation of Sycamore Grove Field, parking lot extension and related storm drain improvements.

Phase III will provide for improvements to the restroom, shade structures and amphitheatre renovation.

**JUSTIFICATION:** This project was adopted as part of the adopted Hahamongna Watershed Park Master Plan and is in response to the community's need for more group picnic areas and the need to improve athletic field related facilities.

**SCHEDULE:** Environmental compliance for Phases II and III, design for Phase II, as well as coordination with L.A. County and other regulatory agencies will be completed in FY 2009. Phase II construction will begin in FY 2010. Design and construction for Phase III will be completed when funds become available.

**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with Land Use Policy 9.2 of the General Plan by implementing the Hahamongna Watershed Park Plan. This project is also consistent with Objective 5 of the Public Facilities Element by encouraging a high level of maintenance and upgrading of existing facilities.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area targeted for revitalization.

**HISTORY:** This project was created in FY 2005 and received initial funding in FY 2006.

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Hahamongna - Implement Master Plan - Trail Development - Phases I and II  
 77507

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
3	77507	Hahamongna - Implement Master Plan - Trail Development - Phases I and II					
		Proposition 50 (2007)	789,440	0	789,440	0	0
		Proposition A (Parks) 1992	80,000	80,000	0	0	0
		Total	869,440	80,000	789,440	0	0

**Hahamongna Watershed Park - 2024 Oak Grove Dr.**



**DESCRIPTION:** This project provides for trail improvements in two phases. Phase I provides for improvements to the West Rim Trail. Pedestrians and equestrians traveling south from the Foothill Boulevard equestrian tunnel will be routed to a newly constructed trail at a lower elevation than the existing trail to avoid conflicts with vehicle traffic at the Foothill Boulevard park entrance. Phase I will also provide for the replacement of the degraded pedestrian stairs with a new ramped trail connecting the West Rim Trail down to the basin perimeter trail and the restoration of a ramped trail to the north, connecting up to the West Rim Trail. Phase II provides for improvements to the Westside Perimeter Trail. Perimeter trail improvements include changing the elevation of the Westside Perimeter trail to above the level of frequent inundation. This project has increased in acreage and will accomplish additional master plan components, such as habitat restoration and storm drain improvements.

**JUSTIFICATION:** This project was adopted as part of the Hahamongna Watershed Park Master Plan. This project will provide for a safer trail access in the westside of the park area.

**SCHEDULE:** Phase I improvements to the West Rim Trail were completed in FY 2006. Improvements to the West Rim trail down to the Basin Perimeter trail were also completed in FY 2006 as part of the Phase I improvements. Phase II improvements were conceptually designed in FY 2006. Phase II environmental compliance and coordination with L.A. County and other regulatory agencies and final design will be completed in FY 2009.

**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with Land Use Policy 9.2 of the General Plan by implementing the Hahamongna Watershed Park Plan and with Objective 5 of the Public Facilities Element of the General Plan by encouraging a high level of maintenance and upgrading of existing facilities to ensure public safety. It is also consistent with Land Use Policy 19.3 by promoting walking within the City.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area targeted for revitalization.

**HISTORY:** This project was created, initially funded in FY 2005, and fully funded in FY 2009.

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Implement Master Plan - Habitat Restoration - Phases I and II  
 77508

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
4	77508	Implement Master Plan - Habitat Restoration - Phases I and II					
		Proposition 12 - State Resources Agency Grant	400,000	400,000	0	0	0
		Proposition A (Parks) 1996	20,000	20,000	0	0	0
		Unfunded	100,000	0	0	0	100,000
		<b>Total</b>	<b>520,000</b>	<b>420,000</b>	<b>0</b>	<b>0</b>	<b>100,000</b>

**Hahamongna Watershed Park - 2024 Oak Grove Dr.**



**DESCRIPTION:** This project provides for two phases of habitat restoration. Phase I consists of: 1) Oak Woodland habitat restoration associated with the Phase I improvements to the West Rim Trail; and 2) the new ramped trails connecting the West Rim Trail down to the Basin Perimeter Trail. Phase II will provide for: 1) The habitat restoration associated with the Phase I Equestrian Staging Area Improvements, Berkshire Creek Project. The erosion on the slopes of Berkshire Creek will be repaired and the area restored with Coast Live Oak woodland habitat. The area where the creek crosses under the Perimeter Trail down to the Water Conservation Pool will have restored Southern Willow Scrub riparian habitat stabilized to prevent future erosion; 2) The restoration of habitat along the Westside Perimeter Trail in association with the Phase II improvements to the Perimeter Trail.

**JUSTIFICATION:** This project was adopted as part of the adopted Hahamongna Watershed Park Master Plan. The project will fulfill one of the Guiding Principles of the Arroyo Seco Master Plan, which is to restore the natural environment of the Arroyo Seco.

**SCHEDULE:** Phase I habitat restoration and environmental compliance were completed in FY 2007. Phase II environmental compliance, coordination with Los Angeles County and regulatory agencies, and design will be completed in FY 2009.

**RELATIONSHIP TO GENERAL PLAN:** This project is consistent with the Land Use Policy 9.2 of the General Plan on the Arroyo Seco by planning and implementing restoration of the natural area of the Arroyo. It is also consistent with Policy 9.5 by encouraging and promoting the stewardship of Pasadena's natural environment, including water conservation, clean air, natural open space protection, and encouraging the use of native, water conserving, and regionally appropriate landscaping.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area targeted for revitalization.

**HISTORY:** This project was created and received initial funding in FY 2006.

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements  
 77509

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
5	77509	Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements					
		Proposition A (Parks) 1992	40,000	40,000	0	0	0
		Residential Impact Fee 2000-0057	15,938	15,938	0	0	0
		Residential Impact Fee 2001-1200	2,419	2,419	0	0	0
		Residential Impact Fee 2001-1538	76	76	0	0	0
		Residential Impact Fee 2001-1647	378	378	0	0	0
		Residential Impact Fee 2001-1648	378	378	0	0	0
		Residential Impact Fee 2001-2229	6,350	6,350	0	0	0
		Residential Impact Fee 2001-4558	76	76	0	0	0
		Residential Impact Fee 2001-5372	76	76	0	0	0
		Residential Impact Fee 2001-5374	76	76	0	0	0
		Residential Impact Fee 2001-5644	983	983	0	0	0
		Residential Impact Fee 2001-6938	76	76	0	0	0
		Residential Impact Fee 2001-7156	76	76	0	0	0
		Residential Impact Fee 2001-7662	76	76	0	0	0
		Residential Impact Fee 2001-8009	151	151	0	0	0
		Residential Impact Fee 2001-8010	76	76	0	0	0
		Residential Impact Fee 2001-8011	76	76	0	0	0
		Residential Impact Fee 2001-8012	151	151	0	0	0
		Residential Impact Fee 2001-8013	151	151	0	0	0
		Residential Impact Fee 2001-8157	76	76	0	0	0
		Residential Impact Fee 2001-8359	227	227	0	0	0
		Residential Impact Fee 2001-8709	302	302	0	0	0
		Residential Impact Fee 2002-0342	151	151	0	0	0
		Residential Impact Fee 2002-0436	227	227	0	0	0
		Residential Impact Fee 2002-0545	76	76	0	0	0
		Residential Impact Fee 2002-0546	76	76	0	0	0
		Residential Impact Fee 2002-0547	76	76	0	0	0
		Residential Impact Fee 2002-0548	76	76	0	0	0
		Residential Impact Fee 2002-1204	76	76	0	0	0
		Residential Impact Fee 2002-1410	76	76	0	0	0
		Residential Impact Fee 2002-1776	76	76	0	0	0
		Residential Impact Fee 2002-2040	76	76	0	0	0
		Residential Impact Fee 2002-2753	76	76	0	0	0

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements  
 77509

Residential Impact Fee 2002-3856	76	76	0	0	0
Residential Impact Fee 2003-00227	151	151	0	0	0
Residential Impact Fee 8a20024238	454	454	0	0	0
Residential Impact Fee 8a20024262	9,072	9,072	0	0	0
Residential Impact Fee 8a20024448	454	454	0	0	0
Residential Impact Fee 8a20030386	302	302	0	0	0
Residential Impact Fee 8a20030387	76	76	0	0	0
Residential Impact Fee 8a20030547	962	962	0	0	0
Residential Impact Fee 8b20021004	3,629	3,629	0	0	0
Residential Impact Fee 8b20021131	76	76	0	0	0
Residential Impact Fee 920023654	76	76	0	0	0
Residential Impact Fee 920030749	605	605	0	0	0
Residential Impact Fee 920030750	605	605	0	0	0
Residential Impact Fee 920030751	680	680	0	0	0
Residential Impact Fee 920030752	680	680	0	0	0
Residential Impact Fee 920030753	680	680	0	0	0
Residential Impact Fee 920030754	680	680	0	0	0
Residential Impact Fee R8a20024280	3,175	3,175	0	0	0
Residential Impact Fee R8a20024853	151	151	0	0	0
Residential Impact Fee R8a20025158	7,409	7,409	0	0	0
Residential Impact Fee R8a20025365	907	907	0	0	0
Residential Impact Fee R8a20025430	76	76	0	0	0
Residential Impact Fee R8a20030181	76	76	0	0	0
Residential Impact Fee R8a20030549	3,368	3,368	0	0	0
Residential Impact Fee R8a20030551	10,105	10,105	0	0	0
Residential Impact Fee R8b20021216	680	680	0	0	0
Residential Impact Fee R8b20022027	76	76	0	0	0
Residential Impact Fee R8b20022720	151	151	0	0	0
Residential Impact Fee R8b20022884	76	76	0	0	0
Residential Impact Fee R8b20022885	76	76	0	0	0
Residential Impact Fee R8b20022886	76	76	0	0	0
Residential Impact Fee R8b20030126	151	151	0	0	0
Residential Impact Fee R8b20030447	30	30	0	0	0
Residential Impact Fee R920022222	378	378	0	0	0
Residential Impact Fee R920023613	227	227	0	0	0
Residential Impact Fee R920023727	76	76	0	0	0
Residential Impact Fee R920024233	76	76	0	0	0
Residential Impact Fee R920024651	454	454	0	0	0

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements  
 77509

Residential Impact Fee R920024690	4,838	4,838	0	0	0
Residential Impact Fee R920025155	1,285	1,285	0	0	0
Residential Impact Fee R920025489	76	76	0	0	0
Residential Impact Fee R920025533	378	378	0	0	0
Residential Impact Fee R920026397	5,443	5,443	0	0	0
Residential Impact Fee R920027091	2,873	2,873	0	0	0
Residential Impact Fee R920027095	2,117	2,117	0	0	0
Residential Impact Fee R920027212	76	76	0	0	0
Residential Impact Fee R920030154	680	680	0	0	0
Residential Impact Fee R920030698	4,007	4,007	0	0	0
Residential Impact Fee R920031069	321	321	0	0	0
Residential Impact Fee R920032542	1,604	1,604	0	0	0
Unfunded	814,600	0	0	0	814,600
Total	954,600	140,000	0	0	814,600



FY 2009 - 2014 Capital Improvement Program  
Arroyo Projects - Hahamongna  
Implement Master Plan - Hahamongna Watershed Park - Berkshire Creek Area Improvements  
77509

---

**Hahamongna Watershed Park - Berkshire Creek**



**DESCRIPTION:** This project provides for improvements to Berkshire Creek. The increased volume of runoff from the past widening of Oak Grove Drive and Berkshire Place has caused severe scouring of the once natural Berkshire Creek within the park. The park road over Berkshire Creek will be raised and widened during this project to allow storm water to flow under the park road and provide two lanes for traffic to pass safely to and from the nearby group picnic area. Berkshire Creek will be restored and naturalized, running under the road and down the slope, and exiting into the basin on the east edge of the Westside Perimeter Trail. The Westside Perimeter Trail will cross over the Berkshire Creek at this juncture.

**JUSTIFICATION:** This project was adopted as part of the adopted Hahamongna Watershed Park Master Plan. The project will fulfill one of the Guiding Principles of the Arroyo Seco Master Plans by restoring the natural environment of the Arroyo Seco.

**SCHEDULE:** Design and environmental compliance for the Berkshire Creek improvements began in FY 2006 and will be completed in FY 2009 as well as extensive coordination with L.A. County and various regulatory agencies. This project will be completed when remaining funds become available.

**RELATIONSHIP TO GENERAL PLAN:** This project is consistent with the Land Use Policy 9.2 of the General Plan through implementation of the Hahamongna Watershed Master Plan. It is also consistent with the Objective 5 of the Public Facilities Element by encouraging a high level of maintenance and upgrading of existing facilities.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area targeted for revitalization.

**HISTORY:** This project was created and initially funded in FY 2006.

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Implement Master Plan - Hahamongna Watershed Park - Sunset Overlook  
 77510

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
6	77510	Implement Master Plan - Hahamongna Watershed Park - Sunset Overlook					
		Proposition A (Parks) 1992	62,500	62,500	0	0	0
		Recreational Trails Grant	201,600	201,600	0	0	0
		Residential Impact Fee R8a20061530	1,098	0	1,098	0	0
		Residential Impact Fee R8b20061866	151	0	151	0	0
		Residential Impact Fee R8b20062030	57,838	0	57,838	0	0
		Residential Impact Fee R920067098	1,663	0	1,663	0	0
		Residential Impact Fee R920067298	2,195	0	2,195	0	0
		Residential Impact Fee R920067904	9,879	0	9,879	0	0
		Residential Impact Fee R920067905	9,879	0	9,879	0	0
		Residential Impact Fee R920067975	2,389	0	2,389	0	0
		Residential Impact Fee R920068135	2,195	0	2,195	0	0
		Residential Impact Fee R920068136	2,195	0	2,195	0	0
		Residential Impact Fee R920068137	3,369	0	3,369	0	0
		Residential Impact Fee R920068138	3,369	0	3,369	0	0
		Residential Impact Fee R920068320	1,966	0	1,966	0	0
		Residential Impact Fee R920068628	529	0	529	0	0
		Residential Impact Fee R920068629	605	0	605	0	0
		Residential Impact Fee R920068630	680	0	680	0	0
		Unfunded	100,000	0	0	0	100,000
		Total	464,100	264,100	100,000	0	100,000

FY 2009 - 2014 Capital Improvement Program  
Arroyo Projects - Hahamongna  
Implement Master Plan - Hahamongna Watershed Park - Sunset Overlook  
77510

---



**DESCRIPTION:** This project consists primarily of the restoration and improvement of a four-acre major trailhead at the eastside entrance to Hahamongna Watershed Park and the start of the Gabriellino National Recreation Trail. Efforts will include slope stabilization and erosion control; trail linkages to and from the park and Sunset Overlook Trailhead; enhancement to the Sunset Overlook parking area; provision for seating; and the incorporation of a variety of interpretive information.

**JUSTIFICATION:** This project was adopted as part of the Hahamongna Watershed Park Master Plan. This project will provide for safer trail access as well as parking on the eastside of the park.

**SCHEDULE:** Design started in FY 2008 and construction will begin in FY 2009. In FY 2009, the parking area improvements, a portion of the arroyo stone wall work, installation of site furnishings, a portion of the signage, and the sunset overlook site renovation will be completed. Remaining work will be completed when additional funds become available.

**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with the Land Use Element Policy 9.2 on the Arroyo Seco by planning and implementing restoration of the natural area of the Arroyo. It is also consistent with Policy 9.5 by encouraging and promoting the stewardship of Pasadena's natural environment, including water conservation, clean air, natural open space protection, and encouraging the use of native, water-conserving, and regionally appropriate landscaping.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area targeted for revitalization.

**HISTORY:** This project was created and received initial funding in FY 2007.

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Building Upgrades at Hahamongna Annex

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
7		Building Upgrades at Hahamongna Annex					
		Unfunded	1,500,000	0	0	0	1,500,000
		Total	1,500,000	0	0	0	1,500,000

**Hahamongna Watershed Park - 2024 Oak Grove Dr.**



**DESCRIPTION:** The Hahamongna Annex comprises 30 acres of newly acquired parkland. A portion of the property was formerly occupied by the U.S. National Forest and houses five main buildings, along with three prefabricated metal buildings. All the buildings have been vacant since 2004 and each requires varying degrees of building repairs to make them safely usable by the public (e.g., roof repairs, flooring replacement, painting, etc.).

**JUSTIFICATION:** These improvements are necessary to implement components of the Amendment to the Hahamongna Watershed Park Master Plan which was conceptually approved by the City Council on May 9, 2007.

**SCHEDULE:** This project will begin when funds become available.

**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with Land Use Policy 9.2 of the General Plan by implementing the Hahamongna Watershed Park Plan. In addition, the project is also consistent with Objective 5 of the Public Facilities Element by encouraging a high level of maintenance and upgrading of existing facilities.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area targeted for revitalization.

**HISTORY:** This project was created in FY 2008 and is currently unfunded.

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Utility and Infrastructure Improvements at Hahamongna Annex  
 77901

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
8	77901	Utility and Infrastructure Improvements at Hahamongna Annex					
		Residential Impact Fee (Interest)	150,000	0	150,000	0	0
		Residential Impact Fee R820071531	16,466	0	16,466	0	0
		Residential Impact Fee R8a20062296	2,195	0	2,195	0	0
		Residential Impact Fee R8a20062297	3,293	0	3,293	0	0
		Residential Impact Fee R8a20062298	7,684	0	7,684	0	0
		Residential Impact Fee R8a20062299	7,684	0	7,684	0	0
		Residential Impact Fee R8a20062300	3,293	0	3,293	0	0
		Residential Impact Fee R8a20070124	5,489	0	5,489	0	0
		Residential Impact Fee R8a20070237	2,195	0	2,195	0	0
		Residential Impact Fee R8a20070392	1,098	0	1,098	0	0
		Residential Impact Fee R8a20070464	1,460	0	1,460	0	0
		Residential Impact Fee R8a20071440	1,098	0	1,098	0	0
		Residential Impact Fee R8a20071597	1,098	0	1,098	0	0
		Residential Impact Fee R8a20071598	1,098	0	1,098	0	0
		Residential Impact Fee R8a20071692	26,623	0	26,623	0	0
		Residential Impact Fee R8b20062030	2,536	0	2,536	0	0
		Residential Impact Fee R8b20071073	5,489	0	5,489	0	0
		Residential Impact Fee R8b20071214	1,098	0	1,098	0	0
		Residential Impact Fee R8b20071215	1,098	0	1,098	0	0
		Residential Impact Fee R8b20071496	3,420	0	3,420	0	0
		Residential Impact Fee R8b20071711	1,098	0	1,098	0	0
		Residential Impact Fee R9200610034	1,098	0	1,098	0	0
		Residential Impact Fee R9200610090	3,293	0	3,293	0	0
		Residential Impact Fee R9200610504	2,195	0	2,195	0	0
		Residential Impact Fee R9200610505	5,489	0	5,489	0	0
		Residential Impact Fee R9200610506	5,489	0	5,489	0	0
		Residential Impact Fee R9200610708	4,391	0	4,391	0	0
		Residential Impact Fee R9200610709	3,293	0	3,293	0	0
		Residential Impact Fee R9200612530	1,098	0	1,098	0	0
		Residential Impact Fee R920069387	9,891	0	9,891	0	0
		Residential Impact Fee R920069644	3,000	0	3,000	0	0
		Residential Impact Fee R920069763	293	0	293	0	0
		Residential Impact Fee R920069828	1,098	0	1,098	0	0
		Residential Impact Fee R920070471	1,098	0	1,098	0	0

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Utility and Infrastructure Improvements at Hahamongna Annex  
 77901

Residential Impact Fee R920071305	1,098	0	1,098	0	0
Residential Impact Fee R920071502	3,553	0	3,553	0	0
Residential Impact Fee R920071531	227	0	227	0	0
Residential Impact Fee R920072314	57,705	0	57,705	0	0
Residential Impact Fee R920072401	5,489	0	5,489	0	0
Residential Impact Fee R920073530	27,955	0	27,955	0	0
Residential Impact Fee R920073714	1,098	0	1,098	0	0
Residential Impact Fee R920074002	1,098	0	1,098	0	0
Residential Impact Fee R920074372	12,075	0	12,075	0	0
Residential Impact Fee R920074784	3,293	0	3,293	0	0
Residential Impact Fee R920074911	1,710	0	1,710	0	0
Residential Impact Fee R920075389	1,098	0	1,098	0	0
Residential Impact Fee R920075869	9,831	0	9,831	0	0
Residential Impact Fee R920076317	1,540	0	1,540	0	0
Residential Impact Fee R920076405	1,966	0	1,966	0	0
Residential Impact Fee R920077069	13,172	0	13,172	0	0
Residential Impact Fee R920077268	3,846	0	3,846	0	0
Residential Impact Fee R920077586	1,098	0	1,098	0	0
Residential Impact Fee R920078040	1,966	0	1,966	0	0
Residential Impact Fee R920078067	2,195	0	2,195	0	0
Residential Impact Fee R920078068	1,098	0	1,098	0	0
Residential Impact Fee R920078563	1,966	0	1,966	0	0
Residential Impact Fee R920079071	7,684	0	7,684	0	0
<b>Total</b>	<b>450,000</b>	<b>0</b>	<b>450,000</b>	<b>0</b>	<b>0</b>

FY 2009 - 2014 Capital Improvement Program  
Arroyo Projects - Hahamongna  
Utility and Infrastructure Improvements at Hahamongna Annex  
77901

---

**Hahamongna Watershed Park - 2024 Oak Grove Dr.**



**DESCRIPTION:** The Hahamongna Annex comprises 30 acres of newly acquired parkland. Primary land uses include the former U.S. Forest Service compound and extensive equestrian facilities. The Hahamongna Annex has deficiencies with its utility and infrastructure. This project will provide for various water, sewer, and site drainage improvements as necessary on this park area to bring the site up to City standards for public use.

**JUSTIFICATION:** These improvements will be necessary to implement components of the Amendment to the Hahamongna Watershed Park Master Plan which was conceptually approved by the City Council on May 9, 2007.

**SCHEDULE:** This project will be completed in FY 2009.

**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with Land Use Policy 9.2 of the General Plan by implementing the Hahamongna Watershed Park Plan. In addition, the project is also consistent with Objective 5 of the Public Facilities Element by encouraging a high level of maintenance and upgrading of existing facilities.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area targeted for revitalization.

**HISTORY:** This project was created in FY 2008 and was fully funded in FY 2009.

FY 2009 - 2014 Capital Improvement Program  
 Arroyo Projects - Hahamongna  
 Park Roadway Improvements

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2008	Adopted FY 2009	Proposed FY 2010	FY 2011 to 2014 Estimated Cost
9		Park Roadway Improvements					
		Unfunded	1,550,000	0	0	0	1,550,000
		Total	1,550,000	0	0	0	1,550,000

**Hahamongna Watershed Park - 2024 Oak Grove Dr.**



**DESCRIPTION:** This project provides for various roadway improvements at Hahamongna Watershed Park for safety purposes. Phase I includes repairs to guardrail along park roads (\$50,000). Phase II includes road resurfacing and striping as well as slurry sealing on most of the roadways and parking areas in the park (\$1 million). Phase III provides for road widening on the park road south of the Oak Grove Maintenance Yard (\$500,000).

**JUSTIFICATION:** These improvements will be necessary to implement most any adopted component of the Hahamongna Watershed Park Annex Master Plan.

**SCHEDULE:** This project will begin when funds become available.

**RELATIONSHIP TO THE GENERAL PLAN:** This project is consistent with Land Use Policy 9.2 of the General Plan by implementing the Hahamongna Watershed Park Plan. In addition, the project is also consistent with Objective 5 of the Public Facilities Element by encouraging a high level of maintenance and upgrading of existing facilities. The project is also consistent with Mobility Element Policy 3.5 by promoting safe travel in neighborhoods and enforcing traffic regulations with particular attention given to sensitive uses such as schools, senior centers, hospitals, community services, and parks.

**IMPACT ON THE NORTHWEST:** This project is located in Northwest Pasadena which is an area targeted for revitalization.

**HISTORY:** This project was created in FY 2008 and is currently unfunded.