LOWER ARROYO

Priority	Description	Total Estimated Costs	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
1	Lower Arroyo Seco - Master Plan Implementation (77457)	5,328,718	675,904	0	0	4,652,814
2	Lower Arroyo - Implement Master Plan - Signage (77414)	316,734	179,200	0	0	137,534
3	Bird Sanctuary Improvements (77409)	350,000	225,000	0	0	125,000
4	Lower Arroyo - Implement Master Plan - Trail Restoration Improvements (77406)	850,000	437,500	50,000	0	362,500
5	Lower Arroyo - Implement Master Plan - Habitat Restoration (77422)	725,000	324,175	0	0	400,825
6	Lower Arroyo - Implement Master Plan - Main Entrance Improvements (77407)	1,300,000	200,000	0	0	1,100,000
7	Lower Arroyo - Implement Master Plan - Rebuild Roving Archers Clubhouse with Storage Area (77408)	300,000	0	0	0	300,000
8	Lower Arroyo - Implement Master Plan - La Casita Del Arroyo Slope Protection	618,000	0	0	0	618,000
Total		9,788,452	2,041,779	50,000	0	7,696,673

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
1	77457	Lower Arroyo Seco - Master Plan Implementation					
		Golf Course Fund	250,000	250,000	0	0	0
		Proposition A (Parks) 1992	138,718	138,718	0	0	0
		Residential Impact Fee 4602	68	68	0	0	0
		Residential Impact Fee 4608	743	743	0	0	0
		Residential Impact Fee 4613	68	68	0	0	0
		Residential Impact Fee 4615	68	68	0	0	0
		Residential Impact Fee 4616	68	68	0	0	0
		Residential Impact Fee 4625	68	68	0	0	0
		Residential Impact Fee 4627	675	675	0	0	0
		Residential Impact Fee 4630	810	810	0	0	0
		Residential Impact Fee 4631	878	878	0	0	0
		Residential Impact Fee 4633	270	270	0	0	0
		Residential Impact Fee 4636	202	202	0	0	0
		Residential Impact Fee 4638	68	68	0	0	0
		Residential Impact Fee 4639	68	68	0	0	0
		Residential Impact Fee 4641	540	540	0	0	0
		Residential Impact Fee 4652	1,080	1,080	0	0	0
		Residential Impact Fee 4657	810	810	0	0	0
		Residential Impact Fee 4658	675	675	0	0	0
		Residential Impact Fee 4661	68	68	0	0	0
		Residential Impact Fee 4685	68	68	0	0	0
		Residential Impact Fee 4688	68	68	0	0	0
		Residential Impact Fee 4690	68	68	0	0	0
		Residential Impact Fee 4691	68	68	0	0	0
		Residential Impact Fee 4702	75	75	0	0	0
		Residential Impact Fee 4705	151	151	0	0	0
		Residential Impact Fee 4709	75	75	0	0	0
		Residential Impact Fee 4711	75	75	0	0	0
		Residential Impact Fee 4712	528	528	0	0	0
		Residential Impact Fee 4713	1,361	1,361	0	0	0
		Residential Impact Fee 4715	75	75	0	0	0
		Residential Impact Fee 4717	75	75	0	0	0
		Residential Impact Fee 4721	453	453	0	0	0

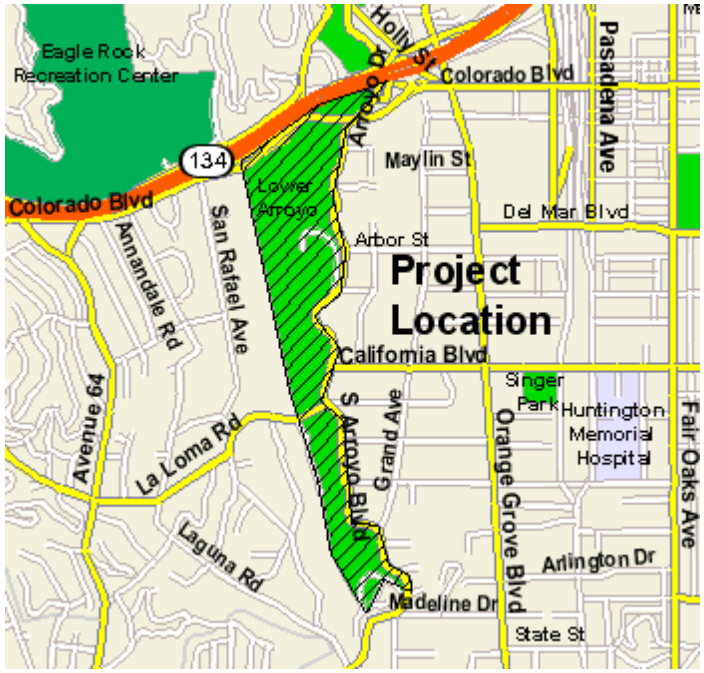
Responsible Department:
Public Works Department

Residential Impact Fee 4723	453	453	0	0	0
Residential Impact Fee 4724	151	151	0	0	0
Residential Impact Fee 4725	151	151	0	0	0
Residential Impact Fee 4726	151	151	0	0	0
Residential Impact Fee 4727	151	151	0	0	0
Residential Impact Fee 4728	151	151	0	0	0
Residential Impact Fee 4729	151	151	0	0	0
Residential Impact Fee 4730	151	151	0	0	0
Residential Impact Fee 4731	151	151	0	0	0
Residential Impact Fee 4732	151	151	0	0	0
Residential Impact Fee 4733	756	756	0	0	0
Residential Impact Fee 4734	302	302	0	0	0
Residential Impact Fee 4735	378	378	0	0	0
Residential Impact Fee 4736	75	75	0	0	0
Residential Impact Fee 4739	75	75	0	0	0
Residential Impact Fee 4741	227	227	0	0	0
Residential Impact Fee 4742	75	75	0	0	0
Residential Impact Fee 4744	75	75	0	0	0
Residential Impact Fee 4747	75	75	0	0	0
Residential Impact Fee 4749	75	75	0	0	0
Residential Impact Fee 4757	302	302	0	0	0
Residential Impact Fee 4758	76	76	0	0	0
Residential Impact Fee 4761	529	529	0	0	0
Residential Impact Fee 4767	605	605	0	0	0
Residential Impact Fee 4776	756	756	0	0	0
Residential Impact Fee 4785	76	76	0	0	0
Residential Impact Fee 4787	75	75	0	0	0
Residential Impact Fee 4790	756	756	0	0	0
Residential Impact Fee 4795	76	76	0	0	0
Residential Impact Fee 4796	75	75	0	0	0
Residential Impact Fee 4797	76	76	0	0	0
Residential Impact Fee 4798	76	76	0	0	0
Residential Impact Fee 4799	76	76	0	0	0
Residential Impact Fee 4805	603	603	0	0	0
Residential Impact Fee 4806	603	603	0	0	0
Residential Impact Fee 4810	1,059	1,059	0	0	0
Residential Impact Fee 4830	75	75	0	0	0
Santa Monica Mountains Conservancy Grant	200,000	200,000	0	0	0

Responsible Department:
Public Works Department

State Environmental Enhancement & Mitigation Grant	67,000	67,000	0	0	0
Unfunded	4,652,814	0	0	0	4,652,814
Total	5,328,718	675,904	0	0	4,652,814

Lower Arroyo Seco



DESCRIPTION: This project provides for the implementation of improvements as identified in the Lower Arroyo Seco Master Plan as adopted by the City Council on September 29, 2003.

Elements of the Master Plan include:

1. La Casita Del Arroyo Grounds Improvements
   a. Restore Arroyo stone walls and stairs - COMPLETED
   b. Signage - COMPLETED
   c. Slope stabilization assessment and implementation
2. Main Park Entrance Improvements
   a. New gate - COMPLETED
   b. Improve entry landscaping - COMPLETED
   c. Signage - COMPLETED
3. South Entrance Improvements
4. Casting Pond Area Improvements
   a. Repair pond and resurface deck - COMPLETED
   b. Repair drainage system - COMPLETED
   c. Provide ADA accessibility to the area around the pond - COMPLETED
   d. Upgrade existing restroom
5. Archery Range Improvements
   a. Improvement of paths, trails, and amenities
   b. Signage improvements - PARTIALLY COMPLETED
   c. Rebuilding of targets and target access
6. Roving Archers' Clubhouse improvements
   a. Rebuilding of clubhouse with restroom and storage area
   b. Interpretive information and map of area
   c. Landscaping using native plants
7. Improvements to bridge crossing at Archers' Clubhouse
8. Trail Restoration
   a. Improvement to westside multi-use trail access at Parker-Mayberry bridge
   b. Improvements to westside multi-use trail for hikers and equestrians

Responsible Department:
Public Works Department

c. Improvements to eastside multi-use trail for hikers and equestrians
d. Improvements to Camel's Hump loop trail
- Expansion of trail system at Camel's Hump
- Study geological stability
- Creation of fuel modification zone
- Habitat restoration
e. Westside pedestrian trail
- Separation of southern archery range trail from westside multi-use trail
- Signage improvements
- Habitat restoration
f. Restoration of Arroyo Boulevard rim trail
g. Restoration of neighborhood trail accesses
- Restoration of historic trails
- Restoration of plantings
- Signage improvements
h. Memorial Grove restoration
- Signage
- Habitat restoration
i. Regional trail connection improvements

9. Restoration of Lower Arroyo banks
10. Restoration of Annandale Creek/Laguna Canyon
11. Bird Sanctuary Improvements
a. Restore stonework and fountain
b. Construct trail connection to Memorial Grove
c. Install security lighting
d. Construct curb cut on Arroyo Boulevard
e. Signage improvements
f. Repair of storm drain

JUSTIFICATION: Construction of these projects is consistent with the adopted Lower Arroyo Master Plan and will enhance the recreational, cultural, and aesthetic needs of the community.

SCHEDULE: The following items will be addressed in FY 2010 as part of other projects: Bird Sanctuary improvements will be completed and construction will begin on Trail Restoration Improvements.

Responsible Department:
Public Works Department

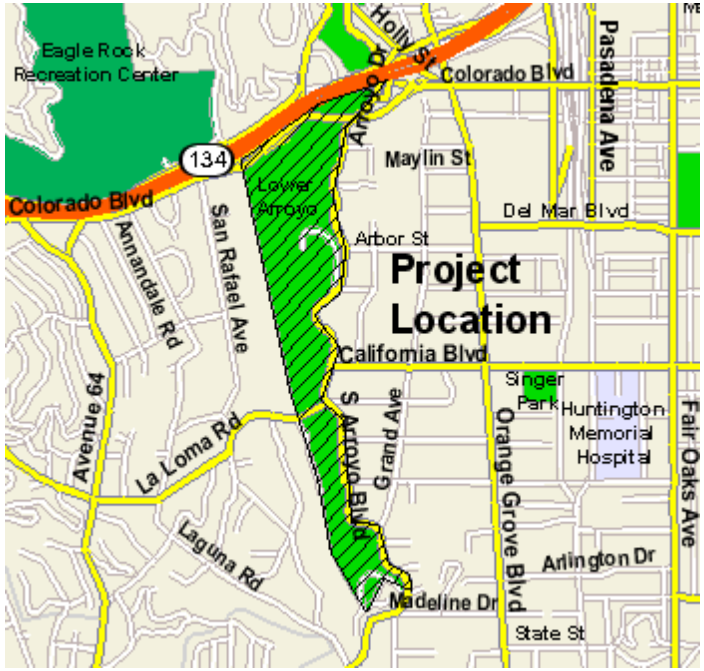
RELATIONSHIP TO GENERAL PLAN: This project is consistent with the Conservation Element of the General Plan by helping to make optimal use of local water resources and is consistent with the Cultural and Recreational Element of the General Plan by helping to obtain the optimum use of existing recreational areas. It is also 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 restoration of the natural area of the Lower Arroyo.

HISTORY: This project was created in FY 1990 and received initial funding in FY 1994.

Responsible Department:
Public Works Department

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
2	77414	Lower Arroyo - Implement Master Plan - Signage					
		Proposition A (Parks) 1992	160,000	160,000	0	0	0
		Recreational Trails Grant	9,200	9,200	0	0	0
		Residential Impact Fee R8b20052157	1,098	1,098	0	0	0
		Residential Impact Fee R8b20052158	2,195	2,195	0	0	0
		Residential Impact Fee R8b20052159	1,098	1,098	0	0	0
		Residential Impact Fee R8b20052381	366	366	0	0	0
		Residential Impact Fee R9200510110	4,046	4,046	0	0	0
		Residential Impact Fee R9200510845	1,197	1,197	0	0	0
		Unfunded	137,534	0	0	0	137,534
		Total	316,734	179,200	0	0	137,534

Lower Arroyo Seco



DESCRIPTION: Phases I and II of this project provide for installation of directional, interpretive, and regulatory signs throughout the Lower Arroyo. The project will also include better trail definition in the Lower Arroyo. Phase III will include various kiosks and interpretive and directional signs for the Lower Arroyo. Phase IV will develop a unified master signage plan for the Lower Arroyo Seco in coordination with the entire Arroyo Seco.

JUSTIFICATION: A signage system is needed to provide directional, regulatory, and interpretive information for park users.

SCHEDULE: The implementation of phase IV will begin once additional funding is identified.

RELATIONSHIP TO GENERAL PLAN: This project is consistent with the Land Use Element of the General Plan by improving the recreational opportunities of residents as well as enhancing the City's open space areas, and with Policy 9.2 - Arroyo Seco, by continuing and completing comprehensive planning and implementation of plans for the Arroyo including restoration of the natural area of the Lower Arroyo. Further, the project is consistent with the Cultural and Recreational Element of the General Plan by encouraging the optimum use of existing recreational facilities.

HISTORY: This project was created in FY 1994. Phase I of the signage project was completed in FY 2005. Phase II signage was completed in FY 2006. Phase III signage was completed in FY 2008. Also in FY 2008, design of Phase IV and a component of the Arroyo Seco Design Guidelines began by establishing a unified master signage plan for the Arroyo Seco. Design of phase IV was completed in FY 2009.

Responsible Department:
Public Works Department

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
3	77409	Bird Sanctuary Improvements					
		Proposition A (Parks) 1992	200,000	200,000	0	0	0
		Sewer Maintenance and Construction Fund	25,000	25,000	0	0	0
		Unfunded	125,000	0	0	0	125,000
		Total	350,000	225,000	0	0	125,000

DESCRIPTION: This project will make various improvements to the Bird Sanctuary site in the Lower Arroyo including restoration of the central fountain, storm drain repair, stone wall and stair repairs, signage, and landscape improvements.

JUSTIFICATION: This project is part of the adopted Lower Arroyo Master Plan.

SCHEDULE: Improvements at the Bird Sanctuary that will be completed in FY 2010 include storm drain repairs, a new ADA drinking fountain, restoration of the central fountain, Arroyo Boulevard curb out, signage improvements and stone wall and stair repairs. The remaining landscape improvements will begin when funds are identified.

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.

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

Responsible Department:
Public Works Department

Lower Arroyo - Implement Master Plan - Trail Restoration Improvements

77406

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
4	77406	Lower Arroyo - Implement Master Plan - Trail Restoration Improvements					
		Proposition A (Parks) 1992	250,000	250,000	0	0	0
		Recreational Trails Grant	187,500	187,500	0	0	0
		Residential Impact Fee R8a20071692	23,021	0	23,021	0	0
		Residential Impact Fee R8b20072155	1,098	0	1,098	0	0
		Residential Impact Fee R8b20072257	1,966	0	1,966	0	0
		Residential Impact Fee R8b20072362	1,098	0	1,098	0	0
		Residential Impact Fee R8b20072363	1,098	0	1,098	0	0
		Residential Impact Fee R8b20072364	1,098	0	1,098	0	0
		Residential Impact Fee R9200710075	5,489	0	5,489	0	0
		Residential Impact Fee R9200710846	99	0	99	0	0
		Residential Impact Fee R920079483	6,839	0	6,839	0	0
		Residential Impact Fee R920079484	7,096	0	7,096	0	0
		Residential Impact Fee R920079904	1,098	0	1,098	0	0
		Unfunded	362,500	0	0	0	362,500
		Total	850,000	437,500	50,000	0	362,500

Responsible Department:
Public Works Department

Lower Arroyo - Implement Master Plan - Trail Restoration Improvements

77406

Lower Arroyo Seco Trail

DESCRIPTION: This project provides for the reconstruction and/or stabilization of arroyo stone walls that are in need of repair. The slopes of the Lower Arroyo are laced with arroyo stone-walled trails and arroyo stone walls that are in need of repair. The project will also include the repair of existing trails, the construction of a drainage system to prevent further erosion of the trails, and restoration of neighborhood trails and trail access.

Phase I includes trail restoration at the Army Reserve and the California trail.

Phase II includes restoration to the Colorado Street trail, westside trail, and the trail under Parker Mayberry (steep slope).

Phase III will implement two projects from the Lower Arroyo Master Plan:

South entrance improvements that will define the trail at the City's southernly gateway to the Arroyo Seco

Westside multi-use trail access at Parker-Mayberry bridge will allow safe public access onto the Parker-Mayberry bridge for trail users

JUSTIFICATION: This project is consistent with the adopted Lower Arroyo Master Plan. Where possible, the trails will be renovated to meet Americans with Disability Act guidelines.

SCHEDULE: Construction of the south entrance will be completed in FY 2010. The remaining work will be completed when funds become available.

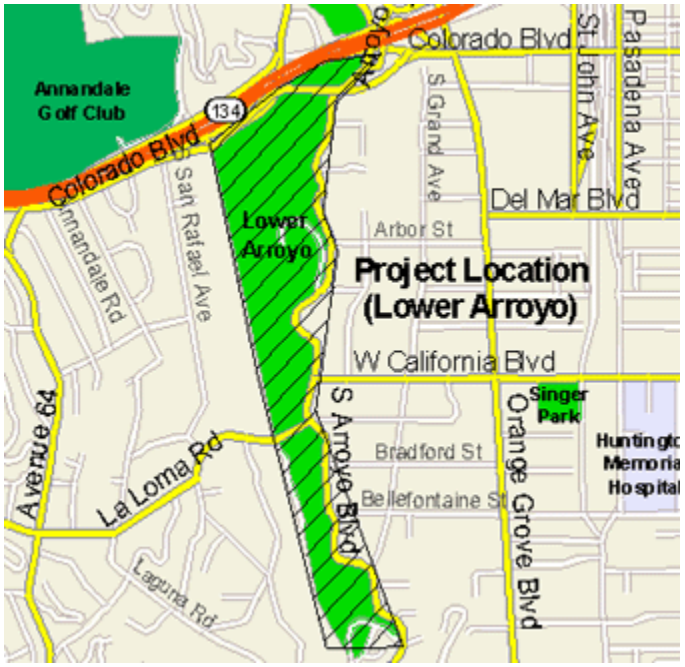
RELATIONSHIP TO GENERAL PLAN: This project is consistent with the Land Use Element of the General Plan by improving and enhancing the City's open space areas, and with Policy 9.2 - Arroyo Seco, by continuing and completing comprehensive planning and implementation of plans for the Arroyo, including restoration of the natural area of the Lower Arroyo. Further, the project is consistent with the Cultural and Recreational Element of the General Plan by encouraging the optimum use of existing recreational facilities.

HISTORY: This project was created and received inital funding in FY 1995. Phase I and phase II were completed in FY 2006.

Responsible Department:
Public Works Department

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
5	77422	Lower Arroyo - Implement Master Plan - Habitat Restoration					
		Proposition A (Parks) 1992	249,175	249,175	0	0	0
		State Environmental Enhancement & Mitigation Grant	75,000	75,000	0	0	0
		Unfunded	400,825	0	0	0	400,825
		Total	725,000	324,175	0	0	400,825

Lower Arroyo



DESCRIPTION: This project will enhance, conserve, and restore the native plant community of this region through the removal of exotic plant species and through the planting of native trees and understory planting.

JUSTIFICATION: This project will preserve the native plant communities in the Arroyo Seco wildlife corridor.

SCHEDULE: Phase III construction will include habitat restoration at both the southernmost and northernmost entrances to the Lower Arroyo as a part of the Lower Arroyo Trailhead project, which will continue through FY 2010.

RELATIONSHIP TO GENERAL PLAN: This project is consistent with the Land Use Element of the General Plan by encouraging the stewardship of Pasadena's natural environment and by encouraging the use of native and regionally appropriate landscaping. It is also 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 restoration of the natural area of the Lower Arroyo.

HISTORY: This project was created in FY 1994 and received intial funding in FY 1995. Phase I was completed in FY 2005 and included the repair of the broken irrigation system in the Memorial Grove and the Camels Hump area along with the planting of 200 native trees in the Memorial Grove and in several large barren areas on the Westside of the flood control channel. The Phase II habitat restoration was completed in FY 2006. Phase III design was completed in FY 2007.

Responsible Department:
Public Works Department

Lower Arroyo - Implement Master Plan - Main Entrance Improvements

77407

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
6	77407	Lower Arroyo - Implement Master Plan - Main Entrance Improvements					
		Proposition A (Parks) 1992	200,000	200,000	0	0	0
		Unfunded	1,100,000	0	0	0	1,100,000
		Total	1,300,000	200,000	0	0	1,100,000

Lower Arroyo - Main Entrance Area

DESCRIPTION: This project provides for the construction of a new entry gate, signage, and landscaping improvements at the entrance to the Lower Arroyo Seco. The gate design will be similar to the existing gate at La Casita Del Arroyo. The landscaping will include native plantings and boulders at the main entrance. Future work will include widening segments of the entry road for improved safety.

JUSTIFICATION: This project was adopted as part of the adopted Lower Arroyo Master Plan. The current gate is unattractive and not in conformance with the newly adopted Arroyo Seco Design Guidelines.

SCHEDULE: Widening of entry road segments will be completed when funding becomes available.

RELATIONSHIP TO THE 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.

HISTORY: This project was created and received initial funding in FY 2005. Construction of a new entry gate, signage, and landscaping improvements at the entrance to the Lower Arroyo Seco were completed in FY 2009.

Responsible Department:
Public Works Department

Lower Arroyo - Implement Master Plan - Rebuild Roving Archers Clubhouse with Storage Area

77408

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
7	77408	Lower Arroyo - Implement Master Plan - Rebuild Roving Archers Clubhouse with Storage Area					
	Unfunded		300,000	0	0	0	300,000
	Total		300,000	0	0	0	300,000

Roving Archers

DESCRIPTION: This project provides for the rebuilding of the Roving Archers Clubhouse in accordance with the adopted Arroyo Seco Design Guidelines. The new building will include a storage room and will be in the same general area that the old building occupied.

JUSTIFICATION: This project was adopted as part of the adopted Lower Arroyo Master Plan. The clubhouse was burned in a fire and its replacement is a part of the adopted plan.

SCHEDULE: This project will be scheduled when funds become available.

RELATIONSHIP TO THE GENERAL PLAN: This project is consistent with Policy 9.2 – Arroyo Seco by continuing and completing comprehensive planning for, and implementation of, plans for the Arroyo, including restoration of the natural area of the Lower Arroyo and the development of the Hahamongna Watershed Park Plan.

SPECIAL CONSIDERATION: This project will be managed and constructed by the Roving Archers Club.

HISTORY: This project was created in FY 2005 and is currently unfunded.

Responsible Department:
Public Works Department

Lower Arroyo - Implement Master Plan - La Casita Del Arroyo Slope Protection

Priority	Project No.	Description	Total Estimated Cost	Appropriated Through FY 2009	Adopted FY 2010	Proposed FY 2011	FY 2012 to 2014 Estimated Cost
8		Lower Arroyo - Implement Master Plan - La Casita Del Arroyo Slope Protection					
	Unfunded		618,000	0	0	0	618,000
	Total		618,000	0	0	0	618,000

La Casita Del Arroyo

DESCRIPTION: This project provides for the construction of a 110-foot-long gravity wall embedded in bedrock along the toe of the granite cliff below the La Casita Del Arroyo building and the replacement of missing decorative stone wall sections at the top of the slope. It also involves the possible removal of large trees below the wall that are in the path of the project site.

JUSTIFICATION: A geotechnical study prepared in 2001 suggests that although significant slope failure at La Casita is not anticipated, slope deterioration mitigation can improve the long-term protection for this historical site.

SCHEDULE: This project will be scheduled when funds become available.

RELATIONSHIP TO THE GENERAL PLAN: This project is consistent with Policy 9.2 - Arroyo Seco by continuing and completing comprehensive planning for, and implementation of, plans for the Arroyo, including restoration of the natural area of the Lower Arroyo and the development of the Hahamongna Watershed Park Plan.

SPECIAL CONSIDERATION: The scope of work for this project was determined by a geotechnical investigation by Los Angeles County.

HISTORY: This project was created in FY 2004 and is currently unfunded.

Responsible Department:
Public Works Department