

Project Budget

Riverside Trails Master Plan

TASK	Alta Planning + Design							Sub 1			Sub 2	Task Hours	Total Task Fee
	<i>Trails PIC</i>	<i>Trail PM</i>	<i>Senior Planner</i>	<i>Planner</i>	<i>GIS</i>	<i>Designer</i>	<i>Graphics</i>	<i>PIC</i>	<i>PM</i>	<i>Role</i>	<i>PThP</i>		
	GM	JP	KS	CB	RTG	Sca	LB	SC	JA		KPFF		
<i>2019 Hourly Rate*</i>	\$220	\$173	\$112	\$104	\$104	\$104	\$112	\$250	\$215		\$200		
1	8	20	0	0	0	0	0	0	0	0	0	28	\$5,220
1.1 Project Management	8	20										28	\$5,220
2	4	28	20	12	8	8	0	0	0	0	0	30	\$4,338
2.1 Review Plans/Policies (adjacent and previous trails plans)	4	8	8	4		0						24	\$3,576
2.2 Inventory Data (adjacent and existing data)	0	2			4							6	\$762
2.3 GIS Mapping	0	2			4								
2.4 Audits (2 trail-specific audits, includes location for PHTP)	0	16	12	8	0	8							
3	2	36	28	28	0	8	0	0	0	0	0	102	\$13,548
3.1 Goals/Objectives	2	8	4	8		8						30	\$3,936
3.2 Interagency Coordination (phone/email)	0	8	0									8	\$1,384
3.3 TAC (2 in-person meetings)	0	20	24	20								64	\$8,228
4	4	16	4	32	16	16	0	0	0	0	0	88	\$10,752
4.1 Identify Improvements (map gaps, deficiencies, proposed new and decommissioned trails)	4	16	4	32	16	16						88	\$10,752
5	0	6	6	12	0	0	0	0	0	0	0	24	\$2,958
5.1 Funding and Implementation	0	6	6	12		0						24	\$2,958
6	2	24	11	32	0	32	16	0	0	0	0	117	\$14,262
6.1 Prepare updated Trails Master Plan (objectives, policies, guidelines)	2	24	10.91	32		32	16					117	\$14,262
7	2	6	4	12	0	12	0	0	0	0	40	76	\$12,422
7.1 Target Hardening	2	6	4	12		12					40	76	\$12,422
Staff Hours	22	136	73	128	24	76	0	0	0	0	40	248	\$63,500
Reimbursable Expenses & Travel													\$1,500
Project Total	\$4,840	\$23,528	\$8,166	\$13,312	\$2,496	\$7,904	\$0	\$0	\$0	\$0	\$8,000		\$65,000

GENERAL NOTES:

* Hours and staff assignments can be adjusted by the consultant as needed to implement the tasks described during the course of the project.

* Hourly rates are for calendar year 2019, and will be adjusted if work is continued into subsequent year(s).

Scope of Work for Trails Master Plan Update

(as an added component integrated into preparation of the Active Transportation Plan, Pedestrian Hardening Plan, and Complete Streets Ordinance Public Works project with WRCOG)

Task 2: Survey of Existing Conditions & Data Gathering

Description of additional work	Deliverables
Task 2.1 through 2.3 - Survey existing conditions, gather data and compile inventory for multi-purpose trails, including City trails, adjacent agency trails (County, Cities, private associations, joint powers associations, etc.). Include future trails from approved Trails Master Plans for adjacent agencies	Include additional time for document review, primarily for policy and design guidelines. Data and mapping already complete - minimal new work for the trail master plan.
Task 2.4 – Provide additional audits per consultant recommendation if needed to assess opportunities for improvements related to multi-purpose trails	Add two site visits.

Task 3: Stakeholder Engagement

Task 3.1 through 3.3 - Include multi-purpose trails in all tasks. Review and incorporate the data collected from the 2018 Park System Master Plan public outreach meetings	Add two dedicated trails Technical Advisory Committee meetings, and review of 2018 Park System Master Plan outreach meeting data. Allow time for coordination between city departments
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Task 4: Identify Proposed Bicycle, Pedestrian, and First/Last mile Improvements & Task 5: Develop Funding & Implementation Strategy

Tasks 4 & 5 - Include multi-purpose trails in all relevant tasks	Develop trail-specific improvements, funding, and implementation strategy. Assumes no overlapping work yet undertaken as part of the Active Transportation Plan.
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Task 6: Prepare Active Transportation Plan

Task 6 - Include multi-purpose trails in all tasks, including preparation of a draft Multipurpose Trails Master Plan. Present the draft plan to the Park,	Prepare the Trails Master Plan update, to be included as a chapter of the Active
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<p>Recreation, and Community Services Commission and the Community Services and Youth Committee. Commission meeting is the third Monday of each month at 6:30 p.m., and the Committee meeting is the second Wednesday of the month at 1:00 p.m.</p>	<p>Transportation Plan, not a stand-alone document.</p> <p>Develop trail design and maintenance best practices</p> <p>Add three additional agency/community presentations.</p>
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Task 7: Existing Conditions and Stakeholder Engagement for Pedestrian Target Hardening Plan/Task 8: Prepare Pedestrian Target Hardening Plan

<p>Add Pedestrian Target Hardening Plan assessment for Mt. Rubidoux/Ryan Bonaminio Park/Santa Ana River Trail area, near the intersection of San Andreas Ave and Tequesquite Ave.</p>	<p>Include additional KPFF (subconsultant) fee.</p>
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Fee:

Additional consultant fee to include Trails Master Plan update as part of the ATP work	\$65,000
Original consultant contract for Active Transportation Plan	\$374,994
New total contract price	\$439,994

City of Riverside – Trails Master Plan Update 2019

The Parks, Recreation, and Community Services Department's mission is to provide innovative recreational experiences and social enrichment opportunities to address the changing needs of people of all ages and cultures in a variety of safe and attractive parks, trails, landscapes, and facilities. Riverside has an adopted multi-purpose Trails Master Plan. This Plan pertains to unpaved, decomposed granite or natural surfaced trails, which have historically been categorized as primarily for recreational uses for pedestrians, bicyclists, and equestrians. Some multi-purpose trails are indeed located up on scenic hillsides, and serve mainly to connect people to open spaces for recreation. However, a fair percentage of the existing and planned multi-purpose trail system is street-adjacent, and could serve as part of the Active Transportation network.

The multi-purpose Trails Master Plan was adopted on January 2, 1996 and subsequently slightly modified as part of the City's Park and Recreation Master Plan Update in 2003. Since 1996, Riverside has experienced rapid growth, adding almost 100,000 more residents, and building warehouses, offices, commercial, and retail centers to support the growing community and economy. The master planned trail route circulates through these areas, generally around the perimeter of the City, with the vision of providing safe, enjoyable, and convenient trail opportunities for those who live, work and visit here. An update of the 1996/2003 Trails Master Plan aims to ensure that the plan meets with the current needs and goals of the community, and to ensure the plan is appropriate and feasible within Riverside's current economic, physical and environmental contexts.

The scope of work required to update the multi-purpose Trails Master Plan closely aligns with the scope of work for the Active Transportation Plan, and several Active Transportation Plan (ATP) scope of work items could readily include the Trails Master Plan. With the concurrence of the City's Public Works Department and the Southern California Association of Governments, the Parks, Recreation, and Community Services Department (PRCSD) proposes that Alta Planning + Design include an update of the multi-purpose Trails Master Plan as part of the Active Transportation Plan.

Please generally include multi-purpose trails in all relevant tasks outlined in the SCAG RFP, including:

Task 2.1 through 2.3 - Survey existing conditions, gather data and compile inventory for multi-purpose trails, including City trails, adjacent agency trails (County, Cities, private associations, joint powers associations, etc.). Include future trails from approved Trails Master Plans for adjacent agencies.

Task 2.4 – Provide additional audits per consultant recommendation if needed to assess opportunities for improvements related to multi-purpose trails..

Task 3.1 through 3.3 - Include multi-purpose trails in all tasks. Review and incorporate the data collected from the 2018 Park System Master Plan public outreach meetings.

Tasks 4 & 5 - Include multi-purpose trails in all relevant tasks.

Task 6 - Include multi-purpose trails in all tasks, including preparation of a draft Multipurpose Trails Master Plan. Present the draft plan to the Park, Recreation, and Community Services Commission and the Community Services and Youth Committee. Commission meeting is the third

Monday of each month at 6:30 p.m., and the Committee meeting is the second Wednesday of the month at 1:00 p.m.

Task 7 & 8 – Consider adding PTHP assessment for Mt. Rubidoux/Ryan Bonaminio Park/Santa Ana River Trail area, near the intersection of San Andreas Ave and Tequesquite Ave.

To provide Alta with background about PRCSD's intent for the updated multi-purpose Trails Master Plan, and to outline additional scope of work items, the PRCSD has prepared the following summary.

Vision/Goal: Get more people out onto more trails.

Getting more people on trails for recreation and active transportation will improve the community's quality of life by providing positive health & wellness benefits, as well as environmental benefits by reducing greenhouse gas emissions.

Objective 1: Build more trails –get more trails constructed to create a useful and enjoyable multi-purpose trail network.

1. With community, stakeholder, and agency input, update the existing Trails Master Plan to create a more robust and up-to-date tool for City staff, developers and property owners to use for building more trails. Include re-evaluation of existing proposed trail routes, trailheads/staging area/access point locations and types, and evaluate any new opportunities that have arisen since the previous update.
 - a. Update the plan so that it meets the public need while respecting the rights of private property owners, meeting safety recommendations, and fulfilling environmental protection goals
2. Develop funding and implementation strategies. Provide sufficient decision-making information for the City to readily implement the plan's recommendations, including clearly identified and prioritized projects. Provide cost projections for construction and maintenance for implementation of the full plan, and an analysis of the City's fiscal capacity to implement and maintain the trail system.
3. Update existing or create new ordinances/codes to support the implementation of the trail system through private development projects
 - a. Develop and memorialize in a policy or similar, the requirements for property owners to provide trail easements, trail construction, and maintenance of trails, at all levels of development (from a single family home, to large residential tracts, to manufacturing/commercial/retail developments).
4. Develop design guidelines to be used both by the City and by private developers/owners.
 - a. Include typical plan view and cross sections for each type of trail included within the trail system.
 - b. Propose typical amenities associated with each (i.e. level of development, landscaping & irrigation, furnishings such as benches, doggie waster bag dispensers, trash cans, interpretive signs, etc.).
 - c. For hillside trails, provide criteria for design and construction of sustainable and low maintenance trails.
 - d. Update existing multi-purpose trail grading technical specifications, update existing multi-purpose trail standard construction details, and develop new standard trail construction details as needed to implement each type of trail

- e. Package the design guidelines in an engaging, easy to use, and succinct document for the City to make available to the public through the City's website
- 5. Resolve issues that staff runs into when trying to implement the current Trails Master Plan
 - a. Evaluate the feasibility and community interest in putting trails in arroyos
 - b. Provide design guidelines applying to each different type of trail context/type (urban street adjacent, hillside, rear lot corridors, etc.)
- 6. Evaluate relevant General Plan Policies to ensure that the updated Trails Master Plan supports these policies, and if needed, recommend changes to the General Plan Policies. Please see selected list of General Plan Policies below which, at a minimum, are to be reviewed as part of the Trails Master Plan update.

Objective 2: Build better trails and build a useful trail system

- 7. Design and construct trails that are comfortable and inviting for a broad range of people to use repeatedly and year-round (shade, lighting, easily accessible, lead to places of interest, buffered from traffic, etc.). Integrate "Crime Prevention Through Environmental Design" approaches to reduce crime and fear of crime.
- 8. Build trails that are multi-modal and multi-purpose, that can help move people on feet, bikes, and horses (in applicable neighborhoods) between home, school, work, and play – prioritize the projects that address more than one need (safe routes to schools and parks, putting in trails where there's currently no sidewalks or other protected pedestrian walkway along streets, etc.). Caveat – it is acceptable for multi-purpose trail segments to be purely recreational, providing access to open spaces or smaller local loops if desired by the community.
- 9. Provide trail connections between animal keeping zones and open spaces where horses are allowed within Riverside as well as connections, where feasible, to equestrian facilities in adjacent jurisdictions, including the City of Norco, the Santa Ana River, and Riverside County open spaces such as Box Springs Mountain Reserve and Hidden Valley Wildlife Area.
- 10. Connect to trail opportunities beyond City limits and provide support/comfort stations for regional trail users passing through Riverside on longer trips for both transportation and recreation. SART, Gage Canal
- 11. Develop a system and design guidelines for trail wayfinding and placemaking, including identifying and marking the difficulty level and ADA accessibility of trail segments.

Trail related 2025 General Plan Policies

Open Space and Conservation Element:

Policy OS-1.5: Require the provision of open space linkages between development projects, consistent with the provisions of the Trails Master Plan, Open Space Plan and other environmental considerations including the MSHCP.

Policy OS-1.6: Ensure that any new development that does occur is effectively integrated through convenient street and/or pedestrian connections, as well as through visual connections.

Policy OS-7.4: Interconnect the Santa Ana River Trail with other parks, cultural and community centers throughout the City through trails and linkages to encourage more pedestrian and bicycle usage and reduce automobile traffic.

Policy OS-7.5: Improve the perception of public safety at authorized recreation locations along the river.

Circulation and Community Mobility Element:

Policy CCM-10.2: Incorporate bicycle and pedestrian trails and bicycle racks in future development projects.

Policy CCM-10.3: Provide properly designed pedestrian facilities for the disabled and senior population to ensure their safety and enhanced mobility as users of streets, roads and highways emphasizing “complete streets” principles.

Policy CCM-10.4: Identify and seek to eliminate hazards to safe, efficient bicycle or pedestrian movement citywide.

Policy CCM-10.5: Promote the health benefits of using a bicycle or walking as a means of transportation.

Policy CCM-10.7: Maintain an extensive trails network that supports bicycles, pedestrians and horses and is linked to the trails systems of adjacent jurisdictions.

Policy CCM-10.8: Maximize links between trails and major activity centers, residential neighborhoods, schools, shopping centers and employment centers.

Policy CCM-10.9: Provide adequate connections between elements of Riverside Park.

Policy CCM-10.10: Evaluate the needs of bicycle traffic in the planning, design, construction and operation of all roadway projects funded by the City.

Policy CCM-10.12: Encourage bicycling as a commute mode to school, work, etc.

Park and Recreation Element:

Policy PR-2.2: Implement the revisions to the City's trails system as identified in the 2003 Park and Recreation Master Plan.

Policy PR-2.3: Improve and create more connections and increase the safety of the bicycling, equestrian and pedestrian trail system within the City. Policy PR-2.4: Create a primary trail loop to connect signature parks, County and State open spaces and parks.

Policy PR-2.5: Develop more recreational opportunities for the secondary trail and pedestrian system in Riverside. Opportunities could include walk-a-thons, 5K-and-over runs, triathlons and bike races.

Policy PR-2.6: Provide greater amenities at access points and trail hubs, including identification and directional signs, marked parking stalls, water facilities for equestrians, cyclists and pedestrians, hitching posts, shade and trash receptacles. Additional amenities at trail hubs could include picnic tables and rest rooms.

Policy PR-2.7: Pursue partnerships with the County, Federal Transportation Funds, the State Bicycle Account and State park bonds.