

Santa Clara Valley Open Space Authority

2017-2018 Measure Q Urban Open Space Grant Program

1/12/2018 deadline

Bay Area Ridge Trail Council Feasibility Study for Bay Area Ridge Trail Section- Santa Teresa County Park to Coyote Creek Trail

\$ 62,122.00 Requested
\$ 83,989 Total Project Cost

Submitted: 1/12/2018 2:35:39 PM (Pacific)

Project Contact

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B. Project Description

Project Overview

1. Grant Category (check all that apply)

- Environmental Stewardship and Restoration
- Parks, Trails, and Public Access
- Environmental Education
- Urban Agriculture / Food Systems

2. What type of project is this (check all that apply)

- Capital improvement
- Planning
- Program

3. Project Location: Address

If the project will be in multiple locations, please list all addresses. If there is no street address, please describe the area(s).
The Trail Feasibility Study Area for a several mile gap in the Ridge Trail (2-5 miles, depending on selected alignment) located at the northern end of Coyote Valley, approximately bounded by Santa Teresa County Park and IBM's Santa Teresa Research Lab on the west, Coyote Ridge Open Space Preserve on the east, Los Paseos neighborhood and Coyote Creek percolation ponds on the north, and Bailey Road/central Coyote Valley on the south. Please see the project maps.

4. Project Location: Neighborhood

If unknown, please enter "N/A."

Project Location Coordinates:

Approximate center: 37.201269, -121.736469

5. Project Location: OSA District (check all that apply)

A detailed map of the OSA Districts can be found under the Library tab, or online at <http://www.openspaceauthority.org/about/boardmap.html>.

- OSA District 1
- OSA District 2
- OSA District 3
- OSA District 4
- OSA District 5
- OSA District 6
- OSA District 7

6. Are there any project partners?

If there are project partners, please list each partner and describe their roles. Required - upload letter from each partner describing their role.

Primary stakeholders include:

City of San Jose (multiple departments)*
Peninsula Open Space Trust**
Santa Clara County Parks and Recreation Department**
Santa Clara Valley Open Space Authority (SCVOSA)
Santa Clara Valley Transportation Authority (VTA)**

Additional Stakeholders:

Caltrans
California Department of Fish and Wildlife
California High Speed Rail Authority
Friends of Santa Teresa County Park
IBM (deeded a floating trail easement to County Parks)
National Park Service (Juan Bautista de Anza Trail)**
Santa Clara Valley Water District*
Santa Clara Valley Horseman's Association*
Save Our Trails**
Silicon Valley Bicycle Coalition*
Silicon Valley Mountain Bikers**
Valley Habitat Agency

*Groups who have demonstrated support

** Groups who submitted a letter of support for proposed project

7. Project Abstract

(Brief, 3-4 sentences)

Humans and wildlife need connected trails, parks and open spaces. This feasibility study will consider alternatives and identify a preferred Ridge Trail alignment between Santa Teresa County Park and the Coyote Creek Trail. The study will include: initial outreach/fieldwork; analysis of route options and connection opportunities; partner collaboration; and a comprehensive final report. The Ridge Trail Council will review and consider possible changes to the trail alignment in the study area.

Community Engagement / Stakeholder Support (10 points)

8. Describe the community support and/or community engagement process.

When applicable, the application should include letters of support from local jurisdiction(s), particularly for capital improvement projects. Please submit letters using the Documents Upload tab.

In the proposed project, we will interview and convene primary stakeholders as well as solicit input from additional local community groups to determine and address stakeholders' priorities, needs and concerns. A carefully prepared GIS map of the study area will serve as a starting place to convene stakeholders and gather their input.

This feasibility study will build upon the existing work of many primary stakeholders, who have conferred and agreed on the need for connecting recreational trails and wildlife corridors in this area. Some of these studies include Santa Clara Valley Open Space Authority and the Peninsula Open Space Trust's recent report Coyote Valley Landscape Linkage Report (December 2017), the City of San Jose Trail Program's Fisher Creek Trail Alignment Study (June 2016), Greenprint (2009, being updated in 2018) and Santa Clara County Park's Coyote Creek Parkway Integrated Natural Resources Management Plan & Master Plan (2007).

Stakeholder input will be incorporated comprehensively into the final proposed corridor(s) to route wildlife and recreational trails in the study area.

Project Planning (20 points)

9. Describe the proposed project

We propose to do a feasibility study for the Ridge Trail across northern Coyote Valley in south San José. A SCVOSA grant for this project will enable us to determine and adopt a preferred Ridge Trail alignment in this area.

The current planned Ridge Trail starts in Santa Teresa County Park and crosses IBM property, Bailey Road, Santa Teresa Boulevard, UP Railroad/Amtrak, Monterey Highway, and Highway 101 before reaching the Coyote Creek Trail. This alignment has a number of challenges, and the intent of this feasibility study is to determine and identify the most viable alignment.

A Trails Consultant with planning and environmental expertise will work with Ridge Trail staff to conduct this feasibility study. Our project team will identify alternatives and evaluate constraints and opportunities, involving stakeholders to select a preferred alternative, with a clear understanding of issues, costs and benefits.

The study will use detailed GIS mapping, field inventories and other information to identify and evaluate physical conditions, property ownerships, project plans and general conditions of potential Ridge Trail routes. We will follow best standards and practices for designing the trail on city, county, or state roadways and/or right-of-ways.

Many detailed relevant studies of this area exist, and the team will review and incorporate findings, seeking to maximize benefits and avoid conflicts, including potential wildlife corridors and crossings. Relevant studies and identified issues include the following:

- The Coyote Valley Landscape Linkage (December 2017): SCVOSA and Conservation Biology Institute
- Fisher Creek Trail Alignment Study for the City of San Jose (2016): Short trail connection along Fisher Creek between Santa Teresa Boulevard and Monterey Road
- Engineering Feasibility Study for the Coyote Alamitos Canal Corridor Trail (2007): Possible trail corridor northeast of Santa Teresa County Park and Tulare Hill
- The Tulare Hill conservation property between Santa Teresa Boulevard and Monterey Road.
- A trail easement acquired and held by County Parks across the IBM campus could connect to Bailey Avenue
- The Bailey Avenue right-of-way, extending northeast, crosses Santa Teresa Boulevard at a signalized intersection, and then crosses over Old Monterey Road, the railroad, Coyote Creek and Highway 101
- Potential to modify the Bailey Avenue overcrossing to become a wildlife and trail crossing, by converting one side from sidewalk/pavement to dirt with vegetation
- Metcalf Road overcrossing as possible link to Motorcycle County Park
- Undercrossing of Highway 101 in locations where the highway is built on fill embankments

The Trail Consultant and Ridge Trail staff will prepare a comparative analysis and recommendation for a preferred Ridge Trail alignment in the study area. The team will review the study's findings with our Trail Committee, partners, stakeholders and Board to choose and adopt a new preferred Rid

10. What is the lifetime of this project?

For capital improvement projects, applicants must state how long the project would remain on the site AND demonstrate that they have appropriate permissions. Please submit the Land Tenure form and documentation using the Documents Upload tab.

- 5 Years (minimum for capital improvement projects)
- Other time period - explain:
- Perpetuity
- Not applicable

11. Describe your plans for operating and maintaining the project over the next 10 years, and indicate your source of funds for ongoing management.

This question is required for all capital improvement projects. For planning and program projects, please answer if applicable, otherwise enter "N/A."

N/A (planning project)

12. Describe the project's readiness for implementation.

Please include the status of any planning, design, or funding development necessary for project completion. This includes the status of CEQA compliance and any permits required for this project. REQUIRED: CEQA form, if applicable.

The proposed project is ready to commence upon award of funding. This Ridge Trail planning project is especially timely, as it will inform other planning discussions, including:

- (a) Mitigation options for the California High Speed Rail project, including trail crossing project planning;
- (b) New acquisitions and planning related to recent conservation acquisitions in Coyote Valley by POST;
- (c) Build upon the Fisher Creek Trail Alignment Study (2016) by documenting its intent to develop the Fisher Creek Trail system/ Ridge Trail alignment through its inclusion in the City's Trail Program;
- (d) Build upon the Coyote Valley Landscape Linkage study (2017) by incorporating its intent to provide for wildlife corridor connectivity and multi-benefit projects in North Coyote Valley; and
- (e) Inform the Santa Clara County Parks Trail Plan and the City of San Jose's 2018 Greenprint updates.

It is timely as well as essential to plan for viable trail connections in the proposed study area, so that the public can access Santa Clara County's open space for generations to come.

Project Budget (15 points)

13. Budget Summary

This is a budget summary only; a detailed Project Budget must be submitted using the Documents Upload Tab. Please note: after the application is submitted, the software will automatically total all lines. This additional TOTAL will not be used.

\$17,914	Grant request: Personnel
\$41,250	Grant request: Contracted Services
\$0	Grant request: Supplies/Materials
\$0	Grant request: Other Direct Costs
\$2,958	Grant request: Indirect Costs
\$62,122	TOTAL GRANT REQUEST
\$21,867	TOTAL MATCHING FUNDS
\$83,989	TOTAL PROJECT COSTS (grant request + matching funds)
35.20%	PERCENT MATCH (matching funds / grant request)
230,100.00	TOTAL

Project Goals (15 points)

14. Describe the specific problems, issues, or unserved needs the project will address.

In the project vicinity, the Ridge Trail is essentially complete between Lexington Reservoir and the eastern end of Santa Teresa County Park. However, the trail gap between Santa Teresa County Park and the Coyote Creek Trail is problematic and needs a comprehensive feasibility study.

The currently planned Ridge Trail alignment was developed in conjunction with the now defunct 2003 Coyote Valley Vision plan, which proposed extensive urban development for this area. From the outset, this alignment did not address the needs of surrounding wildlife or all trail users, but it was the best available option at the time. In addition, Caltrans added an interchange at Bailey Avenue and Highway 101 that severed this imperfect Ridge Trail alignment.

Now that the Coyote Valley Vision plan has been abandoned and several open space properties have been preserved, it is time to take a fresh look at the proposed Ridge Trail alignment in this area. The High Speed Rail corridor along Monterey Road also presents additional constraints in terms of undercrossings, but might also offer the potential to secure overcrossings as mitigation.

The feasibility study aims to improve the current planned Ridge Trail alignment and:

Provide Necessary Connectivity for Humans and Wildlife: Connections between open spaces allow people and wildlife to move freely through the natural environment. On the human side, trails allow us to explore and connect with our natural environment. In the near future, Santa Clara County residents could travel from Coyote Ridge to Mount Umunhum on the Ridge Trail. For residents of "Deep Engagement Communities," the trail could provide better access to Santa Teresa County Park from existing transit lines.

For wildlife, a connected natural corridor serves an even more basic and essential need. This area has been identified as a regionally important wildlife corridor by the Bay Area Critical Linkages Project and the Santa Clara Valley Greenprint and has

been proven to provide wildlife with necessary food and water resources, as well as vital breeding habitat.

Solve Complicated Road and Rail Crossings: This study would help select an alignment that would address several challenging trail crossings including: Santa Teresa Boulevard, Old Monterey Road (including upcoming high speed rail plans), the adjacent railroad line to the southwest, and Highway 101.

If a connection across Highway 101 can be found, it would enable a more direct route to the new Coyote Ridge Open Space Preserve. This would offer a significant open space access benefit for local residents.

Implementation of a new Ridge Trail alignment for this study area will not only close a key gap in the regional trail network, but it will also allow for improved access to nearby parks and open space and provide needed connections between these natural areas. It will also provide safe road and highway crossings for all user groups.

15. Please list the project's goals (both social and environmental).

These should be specific, measurable goals (e.g. 600 people participating in educational programs). Please see Appendix E of the Grant Program Guidelines for a list of sample goals.

This Trail Feasibility Study has the following social and environmental goals:

Social:

- Work to close a key gap in the multi-use Ridge Trail, which provides opportunities for hikers, cyclists, and equestrians to enjoy their local trail section and parks, or get to know an eventual 550-mile continuous network of trails encircling the entire San Francisco Bay area from high on the ridge tops.
- Lay groundwork to increase community connections to nature-based recreation and fitness options for generations to come.

Environmental:

- Incorporate existing plans for a wildlife corridor and connection across Highway 101 to Coyote Ridge Preserve.
- Identify a preferred route that avoids and prevents adverse impacts to natural resources.
- Facilitate further linkage of existing open spaces, parks, and trail sections. This is one of two remaining gaps in the Ridge Trail that links the chain of open space from Sierra Azul to Almaden/Quicksilver to Santa Teresa to Coyote Ridge. Furthermore, the Ridge Trail itself is designated as a "Priority Conservation Area," in Plan Bay Area, because it helps provide natural resource, scenic, recreational, and/or ecological values and ecosystem functions.

Impact (15 points)

16. Describe the lasting impact of the project.

Investment in the Ridge Trail will enable future generations to connect to open space and nature right in their backyard—or anywhere along a 550-mile ridgeline loop—providing opportunities to hike, cycle, or ride a horse while creating lasting impact on two levels:

1. At the individual level, felt through the benefits of exercise and recreation (stress reduction; renewal of body, mind, and spirit; opportunities to connect to and learn about the natural world).
2. At the community/county level, felt through the lasting future benefits of building and strengthening a constituency of supporters who can help maintain, steward, and advocate for critical park, open space, and trail network.

When this gap in the Ridge Trail is complete, it will provide residents easy access to some of the nearest open spaces, including Santa Teresa County Park and Coyote Ridge Open Space Preserve, and closing this key gap will also mean the Ridge Trail is nearly complete between Lexington Reservoir and Kelley Park.

Also, the Ridge Trail Council is conducting a comprehensive analysis of our trail gaps throughout the region to formulate strategies to complete the Ridge Trail. This will connect all the communities along this route—including Deep Engagement Communities—with access to many parks and open spaces, all without the need for a car.

Once complete, this feasibility study will serve as a model for other complex trail planning projects that require multi-layered, cross-agency participation and collaboration.

Leadership & Innovation (10 points)

17. Describe how this project employs innovative approaches or encourages collaboration and partnership in the

field of parks, open space, urban agriculture, land conservation, or environmental education.

The Ridge Trail runs through nine Bay Area counties and connects more than 75 parks and open spaces, making strategic collaboration and partnership integral to completing the Ridge Trail. The Ridge Trail itself is an inspired and inspiring public, private and nonprofit collaborative partnership.

For this study, there are many potential partners including (but not limited to): the City of San Jose, SCVOSA, POST, Santa Clara County Parks, Caltrans, Valley Habitat Agency, VTA and the High Speed Rail Authority, whose needs and perspectives must be addressed in order to guarantee long-term success. We will leverage existing relationships with key partner staff and volunteers and use innovative approaches to address trail and wildlife corridor complexities in this region. This study will facilitate a conversation between landowners, partners and stakeholders and will explore creative approaches including shared land use, design techniques to effectively separate trail users and wildlife, and cost-saving measures to create practical solutions. We will also consider funding responsibilities and potential sources.

Our specific Ridge Trail goal is to create a viable trail alignment that is do-able in the near-term and has broad buy-in and support.

Organizational Capacity (15 points)

18. Briefly describe the organization.

Please include the year the organization was founded and its mission and goals. If the applicant is a Fiscal Sponsor, please describe both the APPLICANT and the SPONSORED ORGANIZATION.

The Bay Area Ridge Trail Council was established in 1988 and incorporated as a 501(c)(3) nonprofit in 1992. The Council's mission is to plan, promote and sustain a connected hiking, cycling and equestrian trail on the ridgelines around San Francisco Bay—linking people, parks and open space for today and future generations. Currently 367 miles—out of 550 total—are complete, and we're working to close the gaps, with a goal to reach 400 miles in the next few years. In Santa Clara County, about 85 out of 188 trail miles are complete.

The Council works in close partnership with agencies and local governments, parks, land trusts, and other stakeholders and volunteers to achieve our mission. The Ridge Trail builds upon historic public access within established parks and open spaces, but is expanded and connected as part of a regional trail network. Bay Area residents (and visitors) can reach the world-class Ridge Trail within a short trip from home, work or school. The Ridge Trail links communities to each other and people to nearby opportunities for exercise, recreation, and solitude in nature. The Ridge Trail serves as a catalyst for preserving open space, creates a connected natural corridor for wildlife, and helps nurture stewards who want to preserve and protect our environmental heritage.

19. Describe the organization's ability to successfully implement this project. This might include successful past projects, staffing levels, financial resources, etc.

If applicant cannot otherwise demonstrate its capacity, expertise, and experience, please provide names and contact information of individuals knowledgeable about the organization's work.

The Ridge Trail Council is financially secure and has more members and supporters than in the previous 10 years. This is partly due to renewed multi-year grant funding from the State Coastal Conservancy and significant multi-year support from REI Co-Op. The Ridge Trail also has an increased focus on funding from individuals to ensure funding diversity. We have more than 3,500 members and an annual budget of just over \$1,000,000. Our current staffing level consists of seven full and/or part-time staff.

The Ridge Trail has extensive experience in leading and coordinating this type of study. For example, the Ridge Trail led a feasibility study for the SF Water Department's Peninsula Watershed Skyline Trail Extension that included a consultant, San Mateo County Parks, MROSD, SFPUC & GGNRA. That study led to the plan for six miles of trail on PUC land, and set the stage for construction in 2018.

Ridge Trail staff also served on the Technical Advisory Committee to Santa Clara County Parks, providing trail alignment and design recommendations, as well as use management proposals, to assist the County with the development of a new Trails Master Plan for Sanborn County Park. The plan resulted in construction of three new miles of Ridge Trail and rehabilitation of six additional miles of Ridge Trail (including construction of four new bridges and several large stone walls).

Ridge Trail staff has discussed this proposed feasibility study with Randy Anderson of TrailPeople, who has extensive knowledge of the study area. He is a potential subcontractor for the successful completion of this feasibility study, if the Ridge Trail is awarded an SCVOSA grant for this project.

20. Briefly describe key staff members and volunteers' qualifications and experience relevant to the project.

Ridge Trail Staff:

Janet McBride, Executive Director

Janet has 30 years of experience in urban and environmental planning and policy. Janet has worked extensively with public agencies and districts, elected officials, nonprofit organizations and advocates to advance long-distance multi-use trails. She has a Masters Degree in Urban Planning and Policy. She was Director of the San Francisco Bay Trail Project and Planning Director of the Association of Bay Area Governments.

Louisa Morris, Program Director

Louisa Morris brings 25 years of experience managing all aspects of trail projects including: planning, layout and design, permitting, construction and stewardship. She graduated from Stanford and has a Masters Degree in Wildlands Science from UC-Berkeley. She was the Director of Trails and Conservation Programs, Mendocino Land Trust and a Trail Crew Leader at the Student Conservation Association. In 2013, Louisa was the winner of the "California Coastal Trail (CCT) Outstanding Achievement Award" for her trail work on the Mendocino coast.

Liz Westbrook, Trail Director

Liz Westbrook brings experience in trail planning and project management. She graduated from North Carolina State University and has a Masters Degree in Landscape Architecture from the University of Michigan. She was Peninsula Open Space Trust's Regional Trails Project Manager and Campbell Grading's Trail and Restoration Project Manager.

Santa Clara Trail Advocacy Group and other volunteers will als

BONUS POINTS: Underserved Communities (10 points)

21. Describe how the project addresses open space needs for sensitive populations such as residents of park-poor neighborhoods, underserved or disadvantaged communities, youth, seniors, or is located within a Deep Engagement Community (DEC).

A map of the DECs can be found under the Library tab of online at <http://www.openspaceauthority.org/urban>. This question is optional; please answer if applicable, otherwise enter "N/A."

The residents of "Deep Engagement Communities" (DECs) 3 and 4 in Central San Jose have access to a few small parks in their immediate vicinity. Alum Rock Park is also close by and is a beautiful example of urban wild. However, people of all walks of life want to explore—and exploring means going farther afield. The proposed feasibility study area is situated between DECs 3 and 4, and the Ridge Trail will connect residents in and between these areas. The Ridge Trail runs through these DECs and thereby links residents to parks, open space, and many other community services, including transit. By closing this trail gap, we will provide greater opportunities for exploration for DECs 3 and 4 into Santa Teresa County Park, Almaden Quicksilver County Park, Coyote Ridge Open Space Preserve and Motorcycle County Park.

BONUS POINTS: Community Building (10 points)

22. Describe how this project actively encourages community building by engaging or accommodating local residents in novel and creative ways.

This question is optional; please answer if applicable, otherwise enter "N/A."

The Ridge Trail seeks to involve a variety of community groups to provide input and support for this project. This includes outreach to the agricultural community, local residents, conservation organizations, and multi-use recreational groups. Possible formats for this engagement may include outreach materials (e.g. surveys and presentations) translated into Spanish and potentially other languages; online study maps and surveys; interactive presentations at local group meetings, and guided route walks.

In addition, we note that development of the trail itself would aid in community building. It would allow recreational and non-automotive travel between communities.

BONUS POINTS: Leverage Funding (5 points)

23. Describe how the project leverages funding with more than 25% match by grantee (cash or in-kind).

This question is optional; please answer if applicable, otherwise enter "N/A."

The total estimated project budget is \$83,989. We are asking the SCVOSA to provide \$62,122 in cash to cover consultant and personnel costs. The remaining \$21,867 (35.20% of total budget) will be matched through in-kind Ridge Trail staff time, funded by cash from the California State Coastal Conservancy and our general operating budget, as well as in-kind volunteer hours contributed by the Santa Clara County Trail Advocacy Group and other Ridge Trail volunteers.

C. Work Plan

C.1. Project Work Plan

Task Number	Activities	Timeframe	Outcome/Deliverables
1 Initial Outreach & Fieldwork	1.1 Define wildlife and trail corridor(s) (with GIS maps) and walk potential routes 1.2 Review existing studies and identify routing constraints and opportunities 1.3 Interview pertinent stakeholders, convene design charrettes and meetings 1.4 Solicit feedback and input from other interested parties and secondary stakeholders through design charrettes and meetings 1.5 Prepare GIS map of route options for wildlife corridor and recreational trail	6 months (8/2018-2/2019)	Map(s) of potential alternative route options for wildlife corridor and recreational trail
2 Alternatives Analysis	2.1 Determine existing conditions, resources, and constraints for each route (including possible over- and under-crossings), for each user group (hikers, cyclists, and equestrians), and for wildlife 2.2 Obtain expert opinion on biological and structural needs for alternative route(s) based on existing available data, studies, and plans 2.3 Comparative analysis of possible route options	6 months (3/2019-9/2019)	Draft feasibility study report, possible initiation of technical studies
3 Prepare Draft Recommendations & Final Report	3.1 Identify/recommend preferred route 3.2 Identify next steps, including cost estimates for completing environmental review under CEQA, anticipated permits, and engineering design (i.e. estimated cost to get to a shovel-ready project) and rough construction cost estimates 3.3 Prepare final study report documenting all baseline conditions, analysis, outreach, and recommendations for next project phase, which could include environmental review, permits and engineering design	9 months (10/2019-7/2020)	Final comprehensive feasibility study report, which may include technical studies
4 Determine and adopt new route	4.1 Review report with Ridge Trail Board and Trail Committee as well as invested stakeholders 4.2 Approve and adopt new planned Ridge Trail alignment	3 months (5/2020-7/2020)	Board resolution adopting new RT alignment. Updated RT planning maps.
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D. Documents Upload

Documents Requested *	Required?	Attached Documents *
Financial statements	✓	990
Authorizing Resolution from Governing Body download template	✓	Authorizing Resolution from Governing Body Ridge Trail SCVOSA grant 2018
Project Budget download template	✓	Ridge Trail Feasibility Study Project Budget SCVOSA grant 2018
Acknowledgment Form download template	✓	BARTC Acknowledgement Form SCVOSA Grant App 2018
Fiscal Sponsorship Agreement download template		
Land Tenure Form download template		
CEQA Compliance Certification Form download template		
Letters of Support		Santa Clara County Parks Letter of Support VTA Letter of Support Juan Bautista de Anza Trail Letter of Support San Martin Horseman Association Letter of Support Save Our Trails Letter of Support POST Letter of Support STFNA Letter of Support SVMB Letter of Support (from 2016 application)
Letters from Project Partners		Santa Clara County Parks Letter of Support and Partnership POST Letter of Support and Partnership
Maps		Figure 1 Site Image Figure 2 Regional Map and Subregional Detail Figure 3 Study Area and Preliminary Routes Figure 4 Planning Map without parcels Figure 5 Planning Map with parcels
Other		

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Application ID: 101141