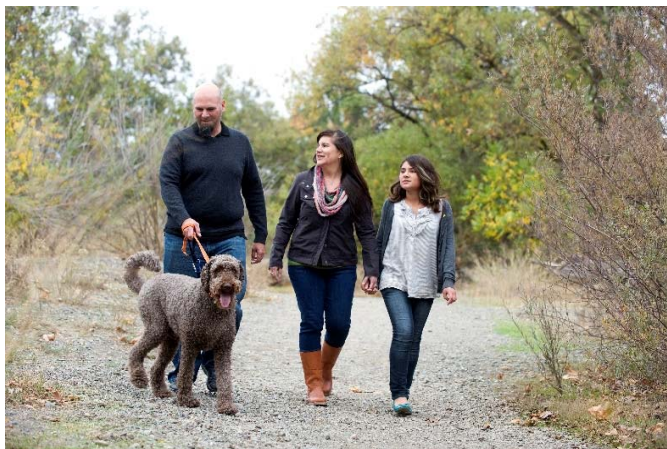
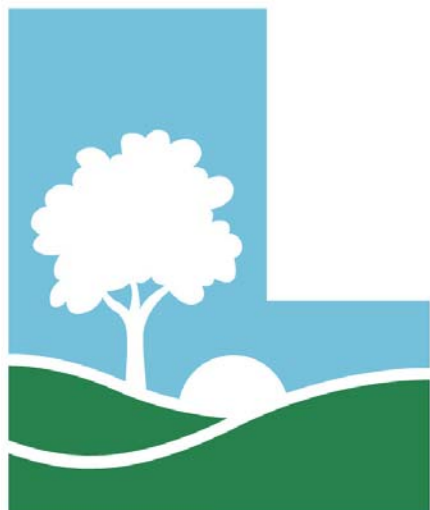


LARPD



Parks, Recreation and Trails Master Plan



LIVERMORE AREA
RECREATION AND
PARK DISTRICT

FINAL DOCUMENT,
ADOPTED BY BOARD
OF DIRECTORS
JUNE 29, 2016

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LARPD



Parks, Recreation and Trails Master Plan

Executive Summary

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EXECUTIVE SUMMARY

The purpose of this Master Plan is to provide a realistic and visionary guide for the creative, orderly development and management of parks, trails, recreation facilities, open space and programs for the District, now and into the future. The Master Plan findings and recommendations are based on a combination of community input derived from community workshops, targeted surveys, input from professional staff, District records, participation data and technical analysis and, as such, they represent community expectations.

LARPD Mission Statement

To provide the people of the Livermore area with outstanding recreation programs and a system of parks, trails, recreation areas and facilities that stimulate, educate and enrich our lives.

Recreation Facility Needs Assessment

As part of the master plan process, considerable effort was devoted initially to identifying existing recreation resources and then interacting with the community and frequent facility users in an attempt to identify specific interests, needs and satisfaction with District programming and facilities. LARPD staff was able to provide a significant amount of input regarding community participation levels, requests for services and facilities and professional insight into trends and anticipated needs. In addition, a considerable amount of technical analysis was conducted regarding programs and facilities. A significant portion of this process included data gathering in an attempt to assess community expectations, facility requirements, and demand and needs analysis. A summary of these efforts are as follows:

Community-Wide Telephone Survey: A total of 403 interviews were completed through use of a random digit dial sample process. The purpose was to provide a statistically valid basis for determining how residents participate in recreation activities and their areas of interest. The survey was validated by comparing demographic results of the survey to overall District resident demographics and by a manual audit of 10% of the surveys.

Community Workshops and Focus Groups: A total of three facilitated community workshops were conducted. The first workshop focused on community perceptions of the District's overall character and its recreation facilities. The second focused on identifying preferred existing facilities and desired additions. The third discussed recreation programming and facility priorities. A number of individuals representing organizations or special interest groups attended more than one of these meetings.

Sports Organization Questionnaires: Sixteen sports organizations that operate in the District responded to a questionnaire designed to gather information about participation, needs, and facilities used.

Technical Analysis and Needs Assessment: In addition to the above, significant effort was placed on conducting a range of detailed study including recreation facility demand needs analysis based upon actual participation rates, service area analysis, trends analysis, benchmark analysis, parkland acreage analysis, an assessment of program needs, and the physical condition of District facilities.

Summary of Parkland Acreage Findings

The District currently manages approximately 1,949 acres of parks, trails and open space lands, the equivalent of 21 acres per 1,000 residents. This figure is much higher than most communities in California, which helps explain why the survey of Livermore’s residents reports a very high satisfaction rate for parks and recreation. When the acreage is broken down into functional categories, however, there are a few areas for improvement that are identified in this Master Plan. As shown in Exhibit 3.3-2, the District currently has 153.31 acres of Neighborhood Park land. Using the District’s previously determined parkland acreage goal for Neighborhood Parks at 2 acres per 1,000 residents (utilizing the current population figure of 92,705), there is currently a goal of 185.41 acres, resulting in a current deficit of 32.10 acres. In the category of Community Park acreage, the current quantity of 152.40 acres is 33.01 acres short of the desired 185.41 acres, or roughly one Community Park site. In the category of Special Use Facility/Parks, the District has constructed 199.02 acres, 13.61 acres beyond the standard for special use park land of 2 acres per 1,000 population.

In addition to the above, based upon the identification of additional facility needs outlined on page 3-25, by year 2035 a cumulative total of 71.52 acres of Neighborhood Park land development would be required, a total of 72.43 acres of Community Park land, and 25.81 acres of Special Use Facility/Park lands would be required. This amount is approximate and could be met by a combination of utilizing existing undeveloped parkland and acquiring new parkland to develop.

Overall General Findings - Recreation Assessment

As an outcome of the assessment process, it is apparent that the District has done a very good job of providing and maintaining parks/open spaces, facilities and programs that are well accepted by District residents and that successfully meet the District’s existing recreation needs in almost all areas. However, as with any broad District service, the Master Plan process identified opportunities for: program service enhancements; new and/or expanded facilities; and additional maintenance. Further, the process highlighted that evolving changes in community demographics, including age and race will be combined with overall changes in recreational expectations to generate a demand for modified services and facilities in the future. As such, the intent of this plan is to provide an effective tool for meeting these challenges.

Recreation Programming Recommendations

The District provides a full range of programs for all age groups that are well utilized and well received by the community. As an example, during 2014, there were a total of over 232,000 visits to the Robert Livermore Community Center alone. Over 16% of the community reports utilizing programs for senior citizens, while 11% of the community reports utilizing before or after school children’s day care programs. The District annually receives over 100,000 visitors to the Robert Livermore Community Center swim pools.

As detailed in Chapter Three, a variety of needs assessment tools were utilized to determine the type and amount of new or enhanced programs and services that would be beneficial now and in the future.

Existing Facility Inventory Summary

- 27 Neighborhood Parks totaling approximately 153 acres
- Three developed Community Parks totaling approximately 152 acres
- 20 Special Use Parks/ Facilities totaling approximately 199 acres, including eight major multi-use recreation trails that cover over 31 miles of terrain
- Five separate Open Space areas totaling over 1444 acres

Further, for the purpose of evaluating current and future recreation program needs, a number of local, state and national trends were analyzed, including demographic shifts, changing lifestyles particularly between “Gen X” (persons born between approximately the years 1960 to 1980) and “Gen Y” (also known as millennials; persons born between the years 1980 to the middle of the 1990s) demographics, sustainability, and changes related to the workplace. Overall, based on the data collected, there are no significant gaps in programming service. Notwithstanding this, the overall process did identify opportunities for additional programming, which are detailed fully in Chapter Three. Some of the most notable opportunities for programming enhancements, as identified by the assessment tools, are as follows:

Youth and Teen Programs

- Investigate collaboration opportunities to identify flexible space for expanding teen programs
- If possible, expand financial assistance to participants considered to be low-income

Physical Fitness, Health, and Well Being

- Explore methods to close gaps in trail system and provide more connections into neighborhoods
- Continue and expand efforts to promote exercise and good nutrition
- Develop healthy lifestyle programs
- Help address the growing health needs of an aging population by expanding gentle aerobics program options

Inclusion of All Populations

- Explore cooperative agreements with other Tri-Valley communities to provide programming for persons with disabilities
- Utilize emerging techniques to help understand and expand recreation opportunities for persons of diverse ethnicity

Strengthen Outdoor Recreation Opportunities

- Develop a “Park/Trail Steward” Volunteer Program for environmental enhancements, education, safety and maintenance
- Continue to collaborate with other agencies to strengthen and expand outdoor education opportunities

Cultural Arts and Community Events

- Provide greater access to arts programs by offering programs at venues closer to residents’ homes
- Continue to support multi-cultural arts programs and activities that promote personal connections among participants

Aquatics

- Consider new aquatics facilities or features in future park development

Outreach and Partnerships to Serve Adults Age 50+

- Within existing programming, continue and expand the emphasis on well-balanced fitness programs
- Provide more “inter-generational programming” to bring various age groups together
- Develop more programs to engage younger active senior adults who don’t self-identify as “senior citizens”

Support Services

In addition to reviewing recreation programming opportunities, the assessment of recreation programming includes a subsection outlining recommendations regarding enhanced support services which could benefit recreation programming overall. This subsection focuses on coordinated fiscal and overall planning within the District, assuring a well-trained and stable work force, enhanced opportunities for volunteerism, and continued growth in the marketing of District services. Some of the most notable recommendations include:

- Increase cooperation with local services clubs for volunteer assistance and financial support
- Pursue additional public-private partnerships to provide recreational programs
- Review potential for additional rentable group picnic sites
- Continue District branding and marketing plan
- Expand social media marketing

Recreation Facility Recommendations

The facility assessment outlined in Chapter Three includes an analysis of existing conditions and future needs and suggests enhancements to better meet current and future facility and program needs. As an outcome of that process, Chapter Four outlines specific recommendations regarding enhancements/expansion of existing facilities, potential for new facilities to meet current and anticipated future needs and improved maintenance to address some deferred maintenance issues. In general, the recommendations for expanded and new facilities are based largely on community input which reflects the interest in these facilities by current user groups and individuals.

Consistent with the overall organization of the Master Plan, the recommendations and findings related to facilities are listed below:

Facility Changes to Meet Existing Demand

- One additional multi-sports field
- Installing synthetic turf at new and existing facilities

Facility Changes/ Additions to Meet Anticipated Future Demand

- One additional youth baseball field
- One additional youth softball field
- Seven additional multi-sports fields (total of eight additional sports fields beyond current supply)
- 5.5 miles of additional multi-use jogging/walking/bicycling trails, and for equestrian use when practical and when connecting to other equestrian trails
- Emphasize opportunities for synthetic turf at future facilities
- Encourage more onsite recreational facilities within new residential developments
- Increase volunteer opportunities in park, trail and open space operations
- Pursue additional public-private partnerships to provide expanded recreational programs
- Emphasize opportunities for improved trail connectivity

Park Facility Maintenance

- Improve irrigation systems to increase water conservation capabilities
- Parking lot paving improvements, especially at May Nissen Park and Ernie Rodrigues Sports Field
- Consider addition of multi-sports fields to Robertson Park
- Convert asphalt walkways that need renovation to concrete at park sites such as Pleasure Island and Ravenswood

Funding and Implementation Recommendations

Funding of parkland acquisition and development is a complex combination of long term planning, budgeting and implementing financing options. The demands of the community are calculated and the individual costs are combined so that an overall cost is identified. The Master Plan identifies estimated costs for potential improvements in the Recommendations chapter.

Funding analysis requires calculation of the nexus between costs required to meet current perceived deficiencies versus costs to meet future anticipated needs that arise because of population growth, shifting demographics and changing interests. A nexus is established when it is shown that new residential development provides an equitable funding level to alleviate the impact to existing services. The Master Plan also provides projected future costs for land acquisition and anticipated development in the Recommendations chapter.

Goals, Policies and Actions

Chapter Two provides the Goals, Policies and Actions of LARPD as updated from the 2008 LARPD Master Plan. This Chapter provides a comprehensive multi-year projection (to year 2035) of achievable and measurable action items for staff and the Board of Directors to consider in the prioritization and allocation of resources to meet the recreation, parks and trails needs of the community.

Environmental Documentation & Plan Adoption

This Parks, Recreation and Trails Master Plan required the production of an Initial Study/Mitigated Negative Declaration (IS/MND) document, as well as the California Environmental Quality Act (CEQA) public review and comment process. The IS/MND documentation is included by reference and is anticipated to be accepted, along with the required Mitigation Monitoring and Reporting Program (MMRP) companion document, at the June 29, 2016 Board of Director's meeting. The LARPD Parks, Recreation and Trails Master Plan document is anticipated to be accepted and adopted by the Board of Directors at the June 29, 2016 Board of Directors meeting.

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Parks, Recreation and Trails Master Plan

Chapter One:
Introduction

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1.0 INTRODUCTION

The Parks, Recreation and Trails Master Plan is based on the guiding principle that the quality of life in the District depends in large part upon the quality and availability of parks, recreation facilities, programs, trails, and open spaces. Across the nation, organizations such as the California Park and Recreation Society¹ and the National Recreation and Park Association² describe the many important ways recreation facilities and programming can help in creating healthy lifestyles and livable communities, including:

- Strengthen community image and sense of place
- Support economic development
- Strengthen safety and security
- Promote health and wellness
- Foster human development
- Increase cultural unity
- Protect environmental resources
- Facilitate community problem solving
- Provide recreational experiences

“Local parks and recreation are the gateways to healthy, prosperous and connected communities”²

A park or a recreation facility means different things to different people. To some residents, parks are active sports fields; others have images of passive open spaces where one can walk, rest, and enjoy nature. Still others may envision parks as places for community gatherings and events. Indeed, parks and recreation facilities are used for all of these purposes and more. A diverse, vital recreation system is therefore necessary in sustaining the healthy and recreation-oriented lifestyles of LARPD’s residents.

Approach and Document Organization

The Master Plan document is organized into the following sections:

Chapter One: Introduction

This section provides an overview of the purpose of the master plan, the process utilized and the policies and strategies that provide specific actions to accomplish the recommendations of the master plan.

¹ California Parks and Recreation Society (CPRS) VIP Project: Creating Community in the 21st Century, www.cprs.org

² National Recreation and Park Association, <http://www.nrpa.org/About-NRPA/Impacting-Communities/>, May 2013

Chapter Two: Goals, Policies, and Actions

This section includes the updated goals, policies, and actions from the 2008 LARPD Master Plan, reflecting changes to the organization, community, and trends in the parks and recreation field. Goals are general statements of what the District would like to achieve. Policies and actions are statements detailing specific actions or activities that the District may use to achieve a goal. The goals, policies, and actions are neutral in the sense that they do not detail the current level of work by the District, but rather the range of work the District should be involved in.

Chapter Three: Recreation Facility Needs Assessment

Understanding the existing conditions in the community is an essential step in the Master Plan process. The Needs Assessment provides an inventory of the District's parks and recreation facilities, as well as other recreation facilities open to the public, and includes discussions of public school facilities, private recreation facilities, and a listing of other publicly-owned lands (opportunity sites) within and surrounding the District limits.

The Needs Assessment further provides a detailed assessment of the recreation facility needs of the Livermore community. Data from the community was obtained to develop an understanding of the demand for a variety of facilities. Both qualitative and quantitative information sources are discussed. The assessment utilizes the following needs identification tools:

Community Outreach: Information gathered from the community through a series of workshops, stakeholder interviews, workshop participant questionnaires, surveys, sports organization and community organization questionnaires.

Community-Wide Telephone Survey: The phone survey provides current, statistically valid information specific to LARPD that gives detailed information for the types of recreation facilities most often utilized by LARPD residents. A total of 403 randomly selected, geographically distributed households in the LARPD were interviewed. In addition to the phone survey, an intercept survey was also performed at key community events to gather data and opinions on recreation programs and usage.

Recreation Demand and Needs Analysis: An evaluation of selected current and future facility needs was developed using results from the telephone survey, sports organization questionnaires, facility inventory, and relevant demographic projections.

Service Area Analysis: An evaluation of how parks and recreation facilities are distributed throughout residential areas in Livermore.

Acreage Analysis: An evaluation of parkland acreage needs in the District based on established standards and on identified need for specific recreation facilities such as sports fields or courts.

Program Needs Assessment: Evaluation of recreation program needs (Section Three) that generates facility needs.

Chapter Four: Recommendations

Chapter Four provides recommendations with respect to existing and proposed parks, trails, unimproved parkland, and joint-use collaborative or partnering opportunities. Recommendations are intended to address the recreation facility and program needs identified in Chapter Three and are the result of existing inventory, analysis of demand, community input, and consideration of established goals and policies.

Appendices

The Appendices contain (a) the full original report of the telephone survey; (b) an existing facility inventory and assessment; and (c) an existing programming inventory and assessment that are summarized in the Master Plan.

1.1 Purpose of the Master Plan

The purpose of this Master Plan is to provide a visionary and achievable guide for the creative, orderly development and management of parks, trails, recreation facilities, open space and programs for the District, now and into the future. This Master Plan is an implementation tool for the LARPDP Board of Directors and staff, providing strategies for addressing the District's vision, as well as goals, policies and strategies based on current analysis and community and professional staff input.

This Master Plan envisions a future in harmony with the environment, with an emphasis on recreation opportunities, community health, well-being and sustainability.

Key questions discussed in this Master Plan include:

- **What changes in demographic and utilization patterns will affect the District's recreation and park needs?**
- **What additions or modifications to parks, recreational facilities, and programs have occurred?**
- **What role do parks, facilities, open space, trails and recreation programs have in the lives of District residents?**
- **What types of parks, facilities, and programs does the community need, and what are the most important priorities?**
- **What changes should be made to existing parks, facilities and programs?**

Over the years, LARPDP has actively undertaken a variety of planning efforts pertaining to recreation and community services programs, including: customer surveys; analysis of participation patterns; customer and community requests; individual park or facility master plans; land use studies; trail planning and open space management. This Master Plan builds on many of these previous planning efforts and incorporates new community and staff input that has resulted in providing an up-to-date understanding of current and future recreation needs and opportunities specific to LARPDP.

1.2 Context

The Livermore Area Recreation and Park District is an Independent Special District of the State of California, with the purpose of providing recreation, parks, trails and open space opportunities separate from other local government agencies in the Livermore Valley area of Alameda County. The District was created in 1947 by affirmative vote of the area residents. The District manages over 1,900 acres of active and passive park lands and trails with a current annual operating budget for FY 2015-16 of \$18,857,583.

Physical Setting

The LARPD is a picturesque California area of approximately 92,705² persons located in eastern Alameda County among the vineyards of the area known as Livermore Valley. The City of Livermore is fully contained within the District boundaries, which extend to the Contra Costa County line on the north, the San Joaquin County line on the east, the Santa Clara County line on the south and the city boundaries of Pleasanton and Dublin to the west. The boundaries of the District have undergone slight adjustments recently due to actions of the Alameda County Local Agency Formation Commission (LAFCo), and are shown on Exhibit 1.2-1 LARPD Service Area and Sphere of Influence Map, dated January 2012.

Within the Livermore Area Recreation and Park District, several significant natural and man-made features help shape neighborhoods and provide both opportunities and constraints with respect to parks, recreation, circulation, and community life. These include:

- Arroyo Mocho seasonal drainage creek and adjacent trail system
- Interstate Freeway 580 that physically divides the District into northern and southern areas
- Historic Downtown Livermore
- Quarry sites and the cities of Pleasanton and Dublin to the west
- Large vineyards and mountains to the south

Varied topography and open space provide many walking, hiking, and cycling opportunities and contribute strongly to community identity, a reminder of the District's ranching and agrarian heritage as a winemaking center starting around 1840 by Robert Livermore.

History

The Livermore Valley has a very interesting and rich cultural history that paints a picture of change over thousands of years, and which includes Native Americans, Mexican settlements, ranching, farming and urbanizing land development.

Extensive preserved open space in and around the District is a reminder of the early days in the Valley. Not only are there areas of special historical significance, but the ridgelines, drainage courses, and view sheds recall the landscape as seen by Native Americans and early Euro-American visitors. There have

² ABAG, July 2013 Bay Area Plan Household Growth Forecast by City estimate for 2015 combined with U.S. Census data to adjust for LARPD District population.

been many significant events that have shaped the physical and economic evolution of the area including:

- Approximately 4,000 years ago, the arroyos of Livermore Valley were part of a permanent settlement of the native American Ohlone.
- In 1772, Spanish settlers established cattle pasture grazing lands out of much of the Valley and aggressively incorporated the Ohlone into the life of Mission San Jose founded in 1797 by Father Lausen.
- Mexico won independence from Spain in 1821, providing the Mexican colonists in California with authority to grant subdivided California land to loyalists.
- In the 1830's, Robert Livermore came to the Valley, and established cattle ranching and wine grape growing interests on land granted by Mexico to the family of his wife, Maria Josefa de Jesus Higuera Molina.
- In 1847, just prior to the gold rush and Statehood to California, Livermore and his business partner, Jose Noriega purchased Rancho Canada de los Vaqueros, and in 1851 established a post office in what is now commonly called "Livermore Valley."
- 1853 was the year Alameda County was formed, and Robert Livermore was appointed supervisor of roads.
- In 1853 the Murray Township boundary was formed.
- In 1889, the first vintage of Cresta Blanca Winery in the Livermore Valley won the Grand Prix at the 1889 Paris Exposition, making it the first California winemaker to win a competition in France.
- In 1947, the LARPD was formed, utilizing the boundaries of the Murray Township.
- In 1953, the University of California established Lawrence Livermore National Laboratory, which is primarily funded through the U.S. Department of Energy. The laboratory was sited at a former naval air station of World War II on the eastern edge of Livermore. The laboratory has consistently been the single largest employer in the Livermore Valley, and currently employs approximately 7,000 highly educated scientists, researchers and workers on the 780-acre campus.
- Prosperity was consistent through the 1950's, 60's and 70's and the population grew dramatically. In 1976, a slow growth measure was passed by voters, greatly reducing the growth to about 400 building permits per year.
- In 1982, the Livermore Valley American Viticultural Area was established, providing recognition to, and expanding the influence of, Livermore area wineries.
- Significant park development, combined with a voter-approved capital improvement bond measure in 1999, helped the District to keep building recreation facilities and to maintain a high quality of life. The area has a very stable population and employment base, with cultural diversity, a rich heritage, and engaged community participation.

Summary of Demographic Context

Understanding the demographic context of the District is an important component of recreation and park facilities and program planning. Demographic characteristics such as age, presence of children, ethnicity, and income have been demonstrated in past research to have a relationship to recreation patterns and program needs. For these reasons, an overview of changes and emerging trends of the resident population is important as the community plans its future. Exhibit 1.2-2 displays the current and projected demographic estimates as detailed by the 2012 American Community Survey and 2010 U.S. Census data. Please note that these figures are available only for the geopolitical boundary of the

City of Livermore, not for the boundary of the LARPDP. The LARPDP service area is much larger than the boundary of the City of Livermore, so the key metric of population in LARPDP is provided in Exhibit 1.2-5 LARPDP Population Estimates and Projections.

- ◆ A review of historical *population growth* for residents of the City of Livermore and for residents of Alameda County as a whole was performed for perspective, examining data from the Federal Census as of 2000 and 2010. This Census data describes the *actual* size of the resident population base and how it has changed over time. An updated *estimate* of growth for population in the District and the County as of 2012 is also provided by the California Department of Finance.
- ◆ A review of historical *household (occupied housing unit) growth* for the District and for Alameda County as a whole was reviewed for perspective, examining data from the Federal Census as of 2000 and 2010. This Census data describes the *actual* size of the resident household base and how it has changed over time. An updated *estimate* of growth for households in the District and the County as of 2012 is also provided by the California Department of Finance.
- ◆ A review of historical *demographic trends* for District residents and for residents of Alameda County as a whole was reviewed for perspective, examining data from the Federal Census as of 2000 and 2010. The Census data describes the *actual* make-up of the community and how it is changing over time, using many demographic factors, such as age, presence of children, household size, ethnicity, and income. *Estimates* from the 2012 American Community Survey are also included.
- ◆ A *forecast of population and housing unit growth* to 2035 for the community was reviewed, relying upon the Association of Bay Area Governments (ABAG) Bay Area Plan, July, 2013.

Historical Population Growth

Exhibit 1.2-2, Demographic Trends in the City of Livermore portion of the District presents a twelve-year history of population growth within the District and Alameda County. As Exhibit 1.2-2 illustrates, population growth in the District during the 2000 to 2012 time frame occurred at a 13.9% rate, with approximately 850 new District residents documented each year, on average.

The District’s growth rate of 13.9% between 2000 and 2012 compares with a 7.7% rate of growth for the Alameda County as a whole. Thus, the District’s population growth during this time frame was more than twice the rate in the county overall, but close to the 12% rate of growth statewide during the same period.

Historical Household Growth

Exhibit 1.2-2 also presents a twelve-year history of household growth within the District and Alameda County. As Exhibit 1.2-2 illustrates, household growth in the District during the 2000 to 2012 time frame occurred at an 12.9% rate, with approximately 280 new households documented each year on average. The household growth rate of 12.9% between 2000 and 2012 compares with a 4.8% rate of growth for the county as a whole.

Historical Demographic Trends

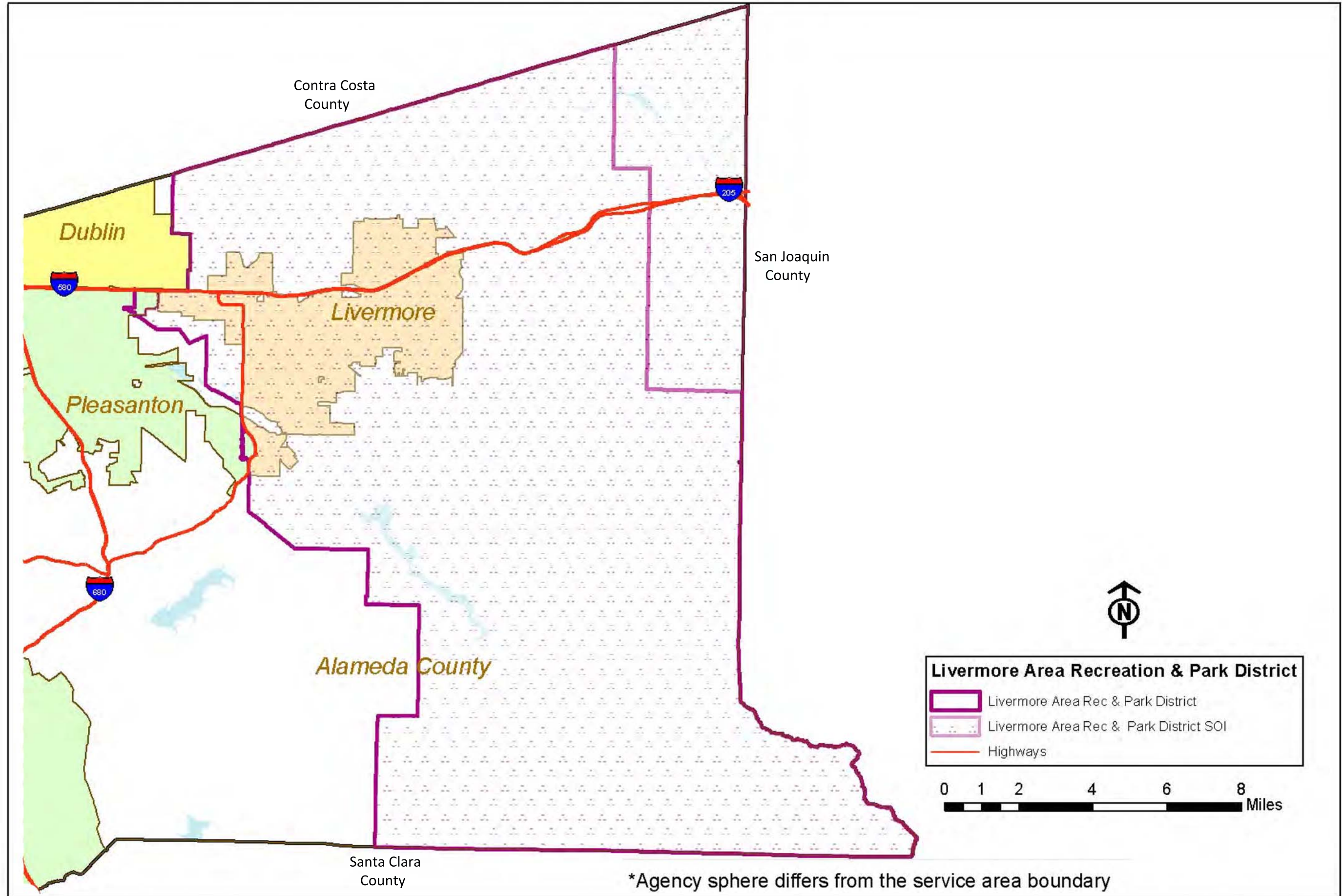
To enhance the analysis of population and household growth previously provided, a collection of demographic characteristics for the resident population was compiled from the Federal Census of 2000

and, for comparison, 2012. This collection of characteristics has been prepared for the District and the county and is presented in Exhibit 1.2-2, which highlights the following demographic trends:

- ◆ Average household size has varied little in the District; from 2.80 persons per household in 2000 to 2.82 persons per household in 2012, while the trend observed in the county (from 2.71 in 2000 to 2.77 in 2012) revealed similar stability.
- ◆ The median household income in the District was 42% above the median figure for Alameda County in 2012. Further, the median income figure in the District grew faster during the 2000 to 2012 period (33% vs. 26% in the county.)

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Livermore Area Recreation & Park District Area and SOI*
Approved by Alameda County LAFCo, January 10, 2013



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Exhibit 1.2-2

DEMOGRAPHIC TRENDS IN THE LIVERMORE AREA

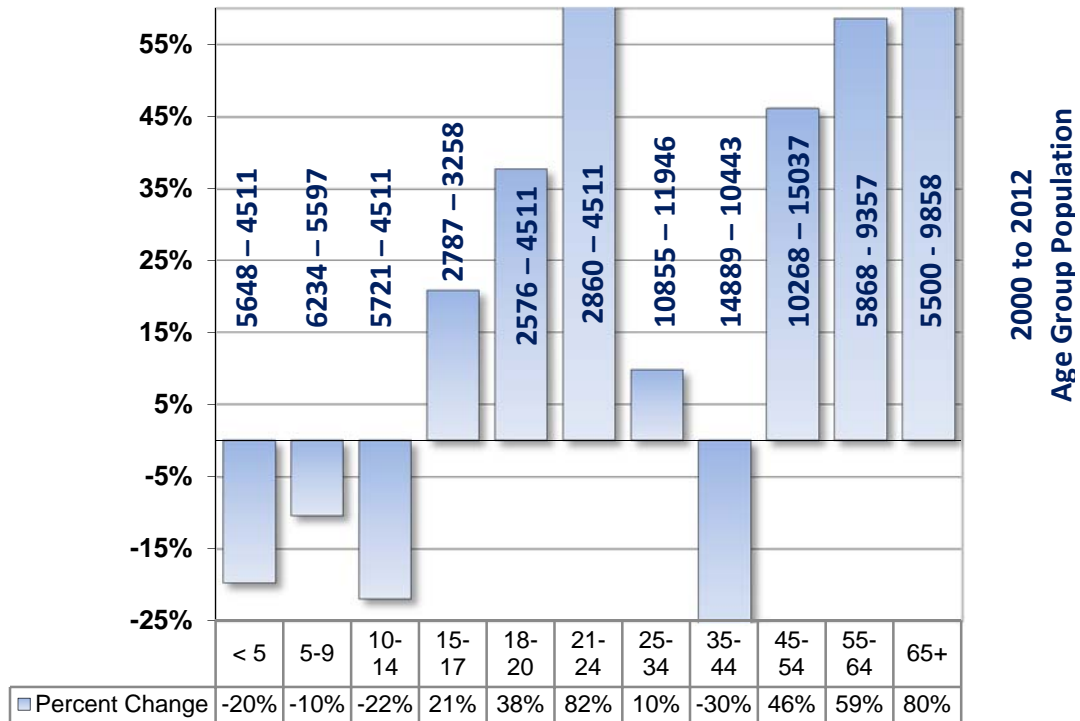
Item	City of Livermore			% change			Alameda County			% change		
	2000	2010	2012**	2000-2010	2000-2012	2010-2012	2000	2010	2012**	2000-2010	2000-2012	
Total Population	73,345	80,968	83,541	10.4	13.9		1,443,741	1,510,271	1,554,720	4.6	7.7	
Occupied Housing Units	26,123	29,134	29,482	11.5	12.9		523,366	545,138	548,274	4.2	4.8	
Persons Per Household	2.80	2.76	2.82	-1.4	0.7		2.71	2.70	2.77	-0.4	2.2	
Median Household Income	\$75,322	\$95,941	\$100,222	27.4	33.1		\$55,946	\$69,214	\$70,500	23.7	26.0	
Percent of Population by Age:												
Under 5 years	7.7	6.6	5.4	-5.1	-19.7		6.8	6.5	6.3	-0.7	0.2	
5 to 9 years	8.5	7.0	6.7	-9.0	-10.4		7.2	6.3	6.1	-9.7	-9.9	
10 to 14 years	7.8	7.2	5.4	2.2	-21.9		6.7	6.0	6.1	-5.9	-2.7	
15 to 17 years	3.8	4.2	3.9	22.6	20.8		3.8	4.0	3.6	8.6	4.2	
18 to 20 years	3.5	3.9	5.4	21.0	37.8		4.0	4.1	4.0	7.8	6.5	
21 to 24 years	3.9	4.2	5.4	17.2	82.0		5.6	5.6	5.7	6.3	10.5	
25 to 34 years	14.8	12.3	14.3	-8.2	9.8		16.7	15.1	15.3	-5.3	-1.7	
35 to 44 years	20.3	15.5	12.5	-15.6	-29.7		17.2	15.0	14.9	-8.5	-7.0	
45 to 54 years	14.0	17.7	18.0	39.3	46.2		13.9	14.8	14.4	11.0	11.4	
55 to 64 years	8.0	11.1	11.2	51.0	58.6		7.8	11.5	11.9	53.7	64.5	
65 years and over	7.5	10.3	11.8	51.2	80.1		10.2	11.1	11.7	13.7	23.9	
Median Age	35.0	38.3	37.6	9.4	7.4		34.5	36.6	36.9	6.1	7.0	
Percent of Population by Race:												
White	81.9	74.6	79.7	0.6	10.8		48.8	43.0	45.6	-7.8	0.6	
Black	1.6	2.1	2.8	48.3	102.8		14.9	12.6	11.9	-11.7	-14.5	
Asian/Pacific Islander	6.1	8.7	8.3	58.8	56.1		21.6	26.9	27.6	33.8	41.2	
Other*	10.4	9.2	9.2	53.5	0.2		14.7	17.5	14.9	20.0	5.7	
Percent Hispanic Origin:	14.4	20.9	22.0	60.5	74.3		19.0	22.5	22.7	24.1	28.8	
Percent of Households That Are:												
Families:	74.7	73.1	71.8	9.2	8.5		64.8	64.6	65.7	3.9	6.1	
Families with Children <18	0.4	35.9	45.7	-0.2	-13.1		32.6	31.1	52.4	-0.9	1.3	
Non-Families:	25.3	26.9	28.2	18.5	25.7		35.2	35.4	34.4	4.6	2.2	
Households with Children <18	42.9	38.6	34.0	0.4	-10.5		36.5	34.6	34.7	-1.1	-0.4	
One Person/Household	18.8	20.6	21.4	22.0	31.4		26.0	26.0	27.5	4.3	6.8	
Percent of Households That Are:												
Owners	72.2	70.0	69.0	8.2	7.9		54.7	53.4	52.2	1.7	0.0	
Renters	27.8	30.0	31.0	20.1	25.6		45.3	46.6	47.8	7.1	10.5	
Median Housing Value	\$314,600	\$472,000	\$463,000	50.0	47.2		\$303,100	\$497,200	\$472,900	64.0	56.0	
Median Rent	\$1,035	\$1,336	\$1,411	29.1	36.3		\$852	\$1,233	\$1,265	44.7	48.5	

*Other category includes those persons identifying with 2 or more races. **From American Community Survey 2012 One-Year Estimate.
Note: Calif. Dept. of Finance Estimates for Livermore at 1/1/2013; Population - 83,325; Occupied Housing Units - 29,458; Persons Per Household - 2.81.

Source: 2000 and 2010 Censuses of Population and Housing

- ◆ As Exhibit 1.2-3 reveals, during the 2000 to 2012 time frame, a significant growth in population of persons aged 45 years and older resulted in a total increase of 12,616 persons in the top three age groups. This trend mirrors that evidenced in many communities, a reflection of the aging of a group known as the Baby Boomers. Growth in these higher age groups in Livermore suggests consideration be given to assuring that senior facilities and services are adequate to serve this burgeoning population group.

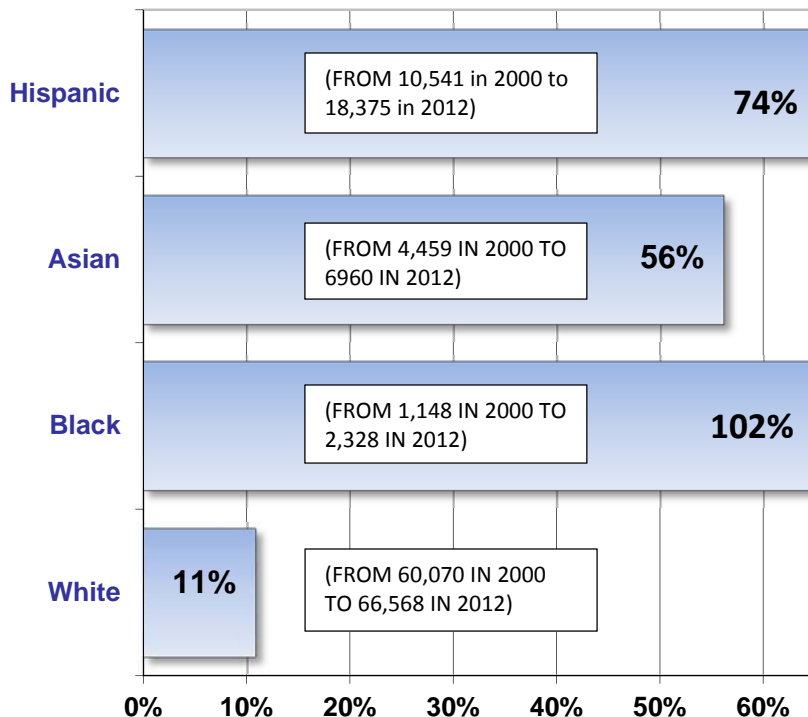
Exhibit 1.2-3
Population Change by Age Group
City of Livermore Portion of the District: 2000 to 2012



- ◆ Exhibit 1.2-3 also reveals that during the 2000 to 2012 time frame, the greatest decline in population by age group was evidenced among District residents 35 to 44 years of age (-30%), those 10 to 14 years of age (-22%), and among children under 5 years of age (-20%). It is also noteworthy that the population of children 5 to 9 years of age also declined 10%. Thus, the number of children less than 10 years old has declined, a harbinger of potential change in needs for programs and facilities for this age group. Similar age group declines were noted countywide.
- ◆ Examining the population of the District by age, residents 5 to 14 years of age (the primary youth sports population group) declined from 16% in 2000 to 12% in 2012. Adult recreation consumers aged 21 to 54 years constituted 53% of District residents in 2000, declining to 50% in 2012. Seniors 55 and over comprised nearly 16% of District residents in 2000 and grew to more than 23% in 2012.

- ◆ As a result of the changes in the distribution by age, the median age in the District increased from 35 years in 2000 to 37.6 years in 2012. Similar aging of the population countywide was also noted.
- ◆ Examining the District’s area population by race and ethnicity, there are declines in the percentage of residents identifying themselves as White from 2000 to 2012 (from 82% to 80%) while increases were noted among those identifying themselves as Black, Asian, or Hispanic. These changes were a reflection of differing population growth rates by race and ethnicity that are presented in Exhibit 1.2-4. Similar race or ethnic diversification was also noted in the county trends.

Exhibit 1.2-4
Change in Population by Race/Ethnicity
City of Livermore Portion of the District: 2000
to 2012



- ◆ The District’s proportion of homeowners has declined somewhat over the twelve-year period studied (from 72% to 69%), similar to the Alameda County trend. However, a majority of 2012 households are homeowners in Livermore (69%) and the county (52%).
- ◆ The estimated median housing value of \$463,000 in Livermore in 2012 is just 2% below the median value of \$472,900 in the county as a whole.
- ◆ 2012 estimated rental rates in the District, however, are 11% above those in Alameda County.

Exhibit 1.2-5

LARPDP POPULATION ESTIMATES AND PROJECTIONS

Year	Population	Annual Change		Households	Population/ Household
		Number	Percent		
<u>Census (4/1)*</u>					
2000	75,755			26,975	2.80
2010	88,280	1,253	1.0	31,354	2.80
<u>Projections (1/1)</u>					
2015**	92,705	986	1.0	33,109	2.80
2020**	97,633	986	1.0	34,869	2.80
2025**	102,561	986	1.0	36,629	2.80
2030**	107,489	986	0.9	38,389	2.80
2035**	112,417			40,149	2.80

Sources: * Censuses of Population.

** ABAG July, 2013 Bay Area Plan Household Growth Forecast by City with adjustments to District level.

Population projection by the Consultant based on 2010 average population per household from Census.

Forecast Population Growth

Exhibit 1.2-5 presents a forecast of population growth within the District extending to 2035. As Exhibit 1.2-5 illustrates, population growth in the District between 2013 and 2035 is expected to occur at a 1.0% rate per year, with approximately 900 new residents anticipated each year on average. This rate and volume of new residents anticipated between 2013 and 2035 is comparable to the rate experienced during the 2000 to 2010 time frame (1.0%, 760 people annually). The population by 2035 is estimated at 112,417 persons, up from the current population estimate of 92,705 persons.

Forecast Housing Unit Growth

Exhibit 1.2-5 also presents a forecast of housing unit growth within the District. As Exhibit 1.2-5 illustrates, housing unit growth in the District during the 2013 to 2035 period is expected to occur at approximately 300 units per year, on average.

Trends and Implications Analysis

A recreational trends analysis was conducted for LARPD, wherein research was conducted on state and national social and recreational trends and patterns that may have the potential to impact the District. These overall trends provide valuable context within which specific District needs should be considered. Findings include:

- Growing ethnic and cultural diversity will result in different recreation preferences. Events and programs in public facilities can help build a strong community
- The number of retirement-eligible Americans is increasing at record rates, causing higher recreation participation rates compared to previous senior groups, resulting in different recreation use patterns and facility expectations. Intergenerational facilities and activities will be increasingly more important in future years
- Recreation will continue to be a way for growing communities to address issues related to youth social development and community connectedness
- Recreation facilities and program offerings can continue to play an important role in embracing technology for youth and adults
- Outdoor recreation will continue to play an important role in District residents' enjoyment of activities. District and nearby recreation facilities represent significant opportunity to address outdoor recreation needs
- Fitness and obesity are increasingly important issues that should continue to be addressed by facility and program offerings
- Scarcity of time is a factor in evaluating effectiveness of program and facility offerings
- An interest in the arts remains significant in the District generally and can be addressed in facilities and in programming
- A growing body of research suggests that access to and understanding of the natural world, especially for children, improves physical and psychological health

1.3 Relationship to Other Documents

This Master Plan draws from the input devices, research, planning, community input, professional staff input, documented participation records, needs assessment and the 2008 LARPD Master Plan. In addition, there are a number of other existing documents and plans that relate to the Master Plan and influence its direction. Each of these documents and plans are briefly discussed below, along with a description of its relationship to the Master Plan.

Bikeways and Trails Master Plan, City of Livermore

In 2001 the City of Livermore completed a comprehensive inventory and analysis of existing on and off road bicycle and multi-use trail system. This report provided data for both transportation and recreation aspects of the current and proposed trail system that LARPD and City residents enjoy.

Livermore Area Recreation and Park District Municipal Service Review

In January 2013 a comprehensive review by Alameda County Local Agency Formation Commission (LAFCO) of the municipal services provided by the District was completed. This report provides a summary of the District’s responsibilities and work to operate, develop and maintain the recreation facilities and programs. In general, the review was informational and positive, reinforcing the success the District has had in providing services to the community during the challenging economic conditions of the past few years.

EBRPD 2013 Master Plan Update

The East Bay Regional Park District (EBRPD) completed an update to its master plan, and has been utilized in the formation of trail connections for the LARPD trail system.

LARPD



Parks, Recreation and Trails Master Plan

Chapter Two:
Goals, Policies
and Actions

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2.0 GOALS, POLICIES AND ACTIONS

This section includes the goals, policies, and actions as updated from the 2008 Master Plan, reflecting changes to the organization, community, and trends in the parks and recreation field. Goals are general statements of what the District would like to achieve. Policies and actions are statements detailing specific actions or activities that the District may use to achieve a goal. The goals, policies, and actions are neutral in the sense that they do not reflect the current level of work by the District but rather the range of work in which the District desires to be involved.

Organization:

There are nine major elements within the District’s Master Plan, as reflected in the following organization of Goals, Policies and Actions:

A. Planning	B. Facility Design and Construction	C. Historic Resources
D. Conservation	E. Maintenance and Operations	F. Finance
G. Marketing and Communication	H. Administration and Management	I. Programs and Services

Key to abbreviations/acronyms:

- ADA: Americans with Disabilities Act
- CEQA: California Environmental Quality Act
- CIP: Capital Improvement Plan
- EBRPD: East Bay Regional Park District
- LSRA: Livermore Stockmen’s Rodeo Association
- LVJUSD: Livermore Valley Joint Unified School District
- TVC: Tri-Valley Conservancy
- Zone 7: Zone 7 Water Agency

A. Planning

GOAL A.1: Plan for a range of recreation opportunities, facilities and programs designed to meet the present and projected needs for District residents, and that address the various ages, ethnicities, genders, economic status, physical abilities, and interests of the community.

Policy A.1.1: Plan and coordinate with other agencies for the acquisition of, or access to, land, easements and facilities that will help meet the existing and projected user needs, consistent with District guidelines for financing, development, and operation.

Action A.1.1.1: Maintain efforts to identify strategically located land for potential development of a large community park and/or multi-use sports park.

Action A.1.1.2: Pursue potential funding sources for a multi-use sports park, community park, and special use facilities, including the feasibility of a local voter approved funding measure to support development identified within this Master Plan.

GOAL A.2: Take an active role in the planning activities of other local and regional agencies to help serve the needs of the community and to help ensure consistency of Master Plan goals and policies, and standards for new and existing facilities between the agencies.

Policy A.2.1: Monitor changes in local land use for opportunities to facilitate and/or implement District goals, policies, and priorities, including procuring trail acquisition or easements and park and open space acquisition or easements through new development, donations, partnerships, and grants, consistent with the Master Plan.

Action A.2.1.1: Review City, County, and regional development project referrals and planning documents providing comments on those with potential impacts to existing, planned, or potential LARPD facilities and programs consistent with the Master Plan.

Action A.2.1.2: Identify partnership opportunities to combine resources with other agencies to enhance or develop planning for LARPD facilities and programs.

Action A.2.1.3: Support the preservation of the Tesla Park area for conservation of native plants, wildlife, cultural and historical resources.

Action A.2.1.4: Cooperate with Zone 7 in support of the creation of a trail from Sycamore Grove Park into Zone 7's Patterson Ranch and back into Sycamore Grove Park.

Policy A.2.2: Coordinate planning with other agencies and service providers to utilize agreements, partnerships, and combined resources that will provide expanded or more efficient planning efforts to better serve the public.

Action A.2.2.1: Conduct mutual discussion and planning meetings with other agencies, partners, and state-wide organizations who also plan park and recreation services for residents of the District.

Action A.2.2.2: Meet and confer with EBRPD on planned annual services and resources provided to LARPD from EBRPD for the provision of regional trail, recreation and park services to District residents.

Policy A.2.3: Coordinate planning efforts for the provision of senior services with local, County, and State agencies providing similar services.

Action A.2.3.1: Coordinate planning with the City of Livermore Housing and Human Services division to identify new facility and/or programming needs.

Action A.2.3.2: Coordinate planning with the Livermore Amador Valley Transit Authority (LAVTA) to promote transportation services for seniors and people with disabilities.

Action A.2.3.3: Coordinate planning with other public and private providers of senior services to offer information and referral services.

Policy A.2.4: Work with the City of Livermore, EBRPD, Alameda County, Zone 7, TVC (Tri-Valley Conservancy) and other public agencies to explore plans on stewardship, open space, and recreation opportunities, in the development of new trails along flood plains, watershed lands, arroyos, existing service roads along arroyos and channels, abandoned right-of-ways and quarried reclamation projects.

GOAL A.3: Plan and implement a comprehensive system of parks, trails and open space areas in both the urban environment and rural open space areas within LARPD's jurisdiction.

Policy A.3.1: Periodically review the evaluation of location and distribution of existing LARPD facilities within this Master Plan to plan the District's efforts in meeting the needs of those areas identified as experiencing gaps, anticipating growth, or projecting changing needs.

Action A.3.1.1: Identify undeveloped segments in the trail system and collaborate with the City of Livermore, EBRPD, TVC, and other agencies to plan, prioritize, and encourage completion of these segments to create major multi-use trail corridors and provide connectivity to important destinations, including schools, parks, open space areas, transportation centers, and major employment and commercial centers.

- Encourage EBRPD to complete the Shadow Cliffs to Arroyo Del Valle trail, specifically from Sycamore Grove northwest to the Isabel Avenue Trail;
- Plan for the completion of those remaining unconstructed segments of the South Livermore Valley Trail;
- Encourage EBRPD and City of Livermore to complete the Isabel Avenue Trail going under or over I-580 north toward Morgan Territory;
- Encourage EBRPD and City of Livermore to complete trail alignments and segments that will provide a safe, separated route from northeast Livermore south to the Downtown (Arroyo Las Positas Trail south over or under I-580 at Las Colinas Road to connect with the Arroyo Seco and Iron Horse Trails).

- Actively support and encourage permanent preservation of the Tesla area with non-OHV uses that protect its significant natural, cultural and scenic resources.
- Consider equestrian needs in the development of trails and the trail system and locations for potential staging areas in conjunction with EBRPD

Policy A.3.2: Continue to monitor and evaluate the need and plan for new neighborhood, community, and special use park facilities, using the LARPD level of service guideline for the amount of parkland needed per 1,000 population.

Action A.3.2.1 Monitor and assess new development in residential areas to determine whether additional facilities are needed to maintain the identified ratio of parkland per 1,000 population.

Action A.3.2.2: Monitor and assess new development in industrial park areas to determine whether additional facilities are needed to support the working population in these locations.

Action A.3.2.3: Identify and prioritize potential locations for new park facilities needed to meet anticipated user and service level need.

- Neighborhood Parks
- Community Parks
- Special Use Facilities/Parks

Policy A.3.3: Periodically review and update LARPD park standards, community data and definitions in the Master Plan to ensure adequate provision of park land to meet various structured and unstructured park and recreation needs.

GOAL A.4: Maintain updated planning and policy documents to reflect changing demographics and needs, and to ensure that District priorities can be adapted and implemented.

Policy A.4.1: Update the LARPD Master Plan every five to ten years to help ensure compliance with state funding guidelines, increase competitiveness for outside funding opportunities, and to ensure coordination and consistency with other planning agencies.

Policy A.4.2: Develop Facility Master Plans and/or Resource Management Plans for facilities that do not have one, and new facilities as they are added.

Action A.4.2.1 Periodically review and update existing Facility Master Plans, including Robertson Park and Ravenswood, to ensure compliance with changing laws and conditions, and to maintain a balance between maintenance requirements and modification of existing facilities or provision of new ones.

Action A.4.2.2: Notify and consider concerns of adjacent landowners and stakeholders when planning and developing new facilities or substantially changing existing facilities.

GOAL A.5: Work cooperatively with local, State, and Federal agencies when planning trails that will connect with existing and future residential neighborhoods, major recreation areas, schools and commercial, business and employment centers.

Policy A.5.1: Identify priority projects with regional significance and regional connectivity and work with other agencies toward the planning of their completion.

- Action A.5.1.1: South Livermore Valley Trail
- Action A.5.1.2: Arroyo Las Positas Trail
- Action A.5.1.3: Isabel Trail under/over I-580 toward Morgan Territory
- Action A.5.1.4: South Bay Aqueduct Trail
- Action A.5.1.5: Shadow Cliffs to Arroyo Del Valle Regional Trail
- Action A.5.1.6: North Livermore trail system
- Action A.5.1.7: Iron Horse Trail
- Action A.5.1.8: Patterson Ranch Trail

Policy A.5.2: Coordinate mapping efforts and data sharing with other planning agencies for cost efficiency and to help maintain consistency and accuracy of information.

B. Facility Design and Construction

GOAL B.1: Design and construct safe, efficient, and cost effective facilities, trails, parks, open spaces, and special use areas that meet District standards for size, location, quality and user experience.

Policy B.1.1: Design and construct high quality neighborhood and community parks providing opportunity for unstructured play, varied or unique themed children's play areas, family picnic areas, native or Mediterranean climate landscaping and natural areas, each with a distinct character.

Policy B.1.2: Design and construct play environments for maximum ADA accessibility, safety, and enjoyment value.

Action B.1.2.1: Meet or exceed established safety and facility ADA accessibility standards and requirements.

GOAL B.2: Develop and periodically review facility design standards and guidelines that reflect existing conditions and updated practices, ADA accessibility requirements, evolving community needs, facility function, amenities, size, and location.

Policy B.2.1: Coordinate with the City of Livermore, EBRPD, Alameda County, and California Department of Transportation for consistency and adequacy in requirements for the various classifications of and standards for trail design.

Policy B.2.2: Periodically review park and trail facility development standards to ensure that they accurately reflect existing conditions, projected needs and the most recent design and safety standards.

Policy B.2.3: Design new facilities to meet or exceed State and Federal ADA accessibility requirements and, when possible, bring non-compliant facilities into conformity.

Action B.2.3.1: Update, as necessary, the Americans with Disabilities Act (ADA) facilities survey/assessment and the Transition Plan that identifies ADA deficiencies and necessary improvements.

Action B.2.3.2: When designing and constructing new facilities and improvements to existing facilities, comply with State and Federal requirements governing ADA parking and ramp accessibility for parking lot design, access to buildings and, when appropriate, use minimum grade and paving requirements for trail design.

Policy B.2.4: Comply with Federally mandated requirements (National Pollutant Discharge Elimination System) for the treatment of urban stormwater runoff in new facility design and, when possible, in renovations to existing facilities.

GOAL B.3: Work with the City of Livermore and County of Alameda planning agencies to encourage new residential and commercial developments that include on-site, non-motorized circulation systems and connections to existing and planned trails with multi-use pathways and corridors.

Policy B.3.1: Through the development referral and review process for new development, encourage new urban development that addresses and provides convenient access to an existing or planned adjacent trail system.

GOAL B.4: Provide attractive, native or Mediterranean drought tolerant and low maintenance landscaping in new and redesigned or renovated facilities as appropriate.

Policy B.4.1: Develop and implement a native plant policy that requires a plant palette of native or Mediterranean drought tolerant, low-maintenance plants (suggest at least 80%).

GOAL B.5: Encourage the use of green building and energy saving measures in new facilities and in building and infrastructure upgrades.

Policy B.5.1: When feasible and cost effective: design new buildings to achieve LEED Gold standards and for renovated buildings the LEED Silver standards; and adhere to Sustainable Sites Initiative for planning and developing park sites, trails and facilities.

C. Historic Resources

GOAL C.1: Provide recreation and educational programs that support preservation of historically and culturally significant areas, buildings, structures and artifacts currently owned or operated by the District.

Policy C.1.1: Coordinate with the City of Livermore, Alameda County, and historic preservation organizations to identify historic buildings, structures and culturally significant resources on new property obtained by the District, and to

identify an appropriate agency or non-profit for the management and operation of such.

Policy C.1.2: Cooperate and coordinate with efforts to preserve culturally significant resources on other land within LARPD, including the Tesla area.

GOAL C.2: Maintain historic buildings and structures currently owned or operated by the District.

Policy C.2.1: Pursue funding, grants and incentives to protect, upgrade, and maintain historic facilities and to partner with property owners and other organizations/groups to share the costs of such efforts.

Policy C.2.2: Ensure that renovations or upgrades adhere to the Department of Interior Standards, for sites/buildings listed on the National Register. Utilize Department of Interior standards, when possible, for planning, designing, and constructing improvements to unlisted historic resources.

GOAL C.3: Encourage use of existing historic facilities for heritage educational purposes and for potential revenue generation.

Policy C.3.1: Provide heritage educational opportunities at LARPD owned or operated historic facilities and also facility rentals in circumstances where historic characteristics of the facility will not be significantly changed or damaged by such public use.

Action C.3.1.1: As part of the rental process, identify unique historic aspects and characteristics of the facilities and develop rental procedures to manage the facilities and restrict or limit activities that could potentially and permanently have a negative impact on these historic characteristics.

GOAL C.4: Work closely with the Livermore Stockmen's Rodeo Association (LSRA) to support and continue the historic annual Livermore Rodeo.

Policy C.4.1: Meet the contractual obligations with LSRA to provide the facilities necessary to conduct the Livermore Rodeo.

Action C.4.1.1: Maintain the rodeo grounds and related facilities (including stands and restrooms) suitable for the annual rodeo and coordinate with LSRA to make improvements to those facilities as funding is available.

Action C.4.1.2: Work with LSRA to help with the annual promotion and marketing of the rodeo as an LARPD sponsored event and as an important historical and cultural event for the community and provide additional efforts to celebrate and conduct the 100th year event in 2018.

D. Conservation

GOAL D.1: Protect, restore, and preserve environmentally and culturally sensitive areas with unique resources, including: native plant species; wildlife habitats and corridors; special geology or physical features; wetlands; riparian areas; flood plains along creeks and arroyos; and areas of spiritual and/or cultural significance to Native American people.

Policy D.1.1: Identify significant natural open space areas and resources in the District. Prioritize measures to protect, restore, and preserve these sites and habitats for native plant and animal species. Significant natural open space areas identified for preservation include Tesla and Cedar Mountain.

Action D.1.1.1: Implement protection and restoration measure outlined in the Resource Management Plan for Sycamore Grove Park.

Action D.1.1.2: Develop Resource Management Plans for the Brushy Peak Open Space Preserve, Garaventa Wetlands Preserve and Holdener Park.

Action D.1.1.3: Coordinate with other public agencies on the development of a policy detailing responsibility for management of environmental mitigation lands.

Action D.1.1.4: Cooperate with the TVC and other agencies to acquire land and encourage easements for conservation and, to the extent possible, provide public access for recreational use, including trails and major trail connections on these lands and easements.

Action D.1.1.5 Cooperate and coordinate with efforts to establish regional preserves identified in the EBRPD Master Plan, including Tesla and Cedar Mountain, and major trail connections between regional preserves and the LARPD facilities.

GOAL D.2: Protect unique visual resources and sensitive view sheds.

Policy D.2.1: When feasible, implement trail alignments that provide minimal negative environmental impact and maximum educational opportunities in unique environmentally sensitive areas.

Action D.2.1.1: Coordinate with responsible resource conservation and management agencies, such as the TVC, when planning and designing trails through unique environmentally sensitive areas.

Action D.2.1.2: Plan trail routes to take advantage of scenic views and environmental and/or historic features, when possible and feasible.

GOAL D.3: Conserve resources, such as water, fossil fuels, energy, equipment and supplies, and promote recycling methods beneficial to park lands and the environment as a whole, and develop a life-cycle maintenance plan to extend the usable life of facilities and equipment.

Policy D.3.1: Implement mandatory and optional water saving and efficiency measures in park maintenance and operations activities.

Policy D.3.2: In cases where the infrastructure is available, use safe, reclaimed water on turf and landscape areas that can thrive on reclaimed water.

Policy D.3.3: Encourage users of recreation facilities to conduct their own recycling after activities and special events.

Action D.3.3.1: Promote recycling efforts through information distribution, including reminders with permits and as part of facility rental policies.

Action: D.3.3.2: Provide recycling containers in all park facilities and at all special events.

Action: D.3.3.3: Evaluate and modify educational efforts to promote conservation and recycling.

Policy D.3.4: Reduce consumption of nonrenewable resources, as feasible.

Action D.3.4.1: Perform energy audits on facilities to identify potential areas of savings.

Action D.3.4.2: Explore use of alternative forms of energy, including solar or wind, to reduce energy consumption and cost.

Policy D.3.5: Extend usable life of facilities and equipment through development of a life cycle maintenance program for all District facilities and buildings.

Action D.3.5.1: Develop and follow a preventative maintenance program to maintain facilities and buildings and to prolong usable life.

GOAL D.4: Wherever possible in the design phase, avoid adverse environmental impacts associated with implementation of Master Plan recommendations.

Policy D.4.1: As part of project specific environmental review, incorporate feasible mitigation measures to offset or avoid any potential impacts to the environment.

Action D.4.1.1: Consider the use of fences, setbacks, landscaping, and buffers in the design of new facilities to minimize any potential conflicts with adjacent, existing uses.

Action D.4.1.2: Avoid alterations to creeks and arroyos and maintain existing natural water courses, streams, and wetlands on LARPD parks and facilities. Where possible, avoid excessive grading. Minimize the removal of native habitats and, if feasible, plan for the replication of natural areas within new facilities.

Action D.4.1.3: When developing new facilities near riparian areas or in designated floodplains, work with resource agencies having potential jurisdiction, including the California Department of Fish and Wildlife and U.S. Fish and Wildlife Service, the Army Corps of Engineers and City and County floodplain managers, to determine and implement appropriate designs and mitigation measures.

E. Maintenance and Operations

GOAL E.1: Provide safe and well-maintained landscaping, facilities, park land, and open space areas to provide an enjoyable user experience.

Policy E.1.1: Inspect, secure, or repair or when possible, improve existing, aging infrastructure, as needed, to ensure that the facilities are safe and well-maintained.

GOAL E.2: Provide adequate funding for the maintenance and operations of new and existing facilities.

Policy E.2.1: Develop an inventory to estimate the annual maintenance requirements of each park and facility.

Action E.2.1.1: Identify the maintenance requirements for each facility based on labor hours, materials, and supplies needed.

Action E.2.1.2: Implement a cost effective maintenance management software program.

GOAL E.3: Coordinate maintenance procedures and activities whenever possible with the City of Livermore, Alameda County, LVJUSD, Zone 7, and EBRPD to increase efficiency and cost savings.

Policy E.3.1: Where cost efficient and organizationally helpful, pursue providing or receiving contract services with other government agencies.

F. Finance

GOAL F.1: Evaluate long-term financial implications before implementing programs, expanding programs, and prior to adding new facilities or renovating existing facilities.

Policy F.1.1: Evaluate long-term costs/debt and benefits, including ongoing maintenance, replacement, and operational cost of improvements for new or expanded facilities, equipment, and services.

Action F.1.1.1: Provide anticipated financial impact information, for both capital and potential operational costs associated with Capital Improvement Plan (CIP) proposals.

Action F.1.1.2: Include financial impact section in staff reports that involve capital or operational costs.

Action F.1.1.3: Include the level of subsidy for each unit/program area in the proposed annual budget documentation.

Policy F.1.2: Approve development of new facilities or expansion of existing facilities only when new funding for ongoing maintenance and operations is identified.

Action F.1.2.1: Identify maintenance requirements and potential funding sources for maintenance during the planning process for new or expanded projects.

Action F.1.2.2: Coordinate with the City of Livermore to secure funding for maintenance of new development related facilities, through developer approved Lighting and Landscape Maintenance Districts (LLMDs) or Community Facility Districts (CFD's).

GOAL F.2: Encourage all District recreational programs and services that are directed towards individual benefit vs. community benefit to be, to the extent possible, revenue generating and financially self-supporting, through user fees, grants, subsidies, and other sources.

Policy F. 2.1: Identify potential funding sources for programs and services that will help sustain existing and future operations.

Policy F.2.2: Provide both fee supported (individual benefit) and non-fee supported (community benefit) programs.

Action F.2.2.1: Provide subsidized assistance through the LARPD Foundation and through existing District fee structures for financially disadvantaged individuals.

Action F.2.2.2: Maintain a fee policy that requires a higher rate of cost recovery from programs for individual benefit, as opposed to programs providing a community benefit.

Action F.2.2.3: Maintain a Cost Recovery Policy.

Action F.2.2.4: Annually review and update a Cost of Service/Cost Recovery study.

GOAL F.3: Sustain lobbying efforts to protect and reclaim tax and fee supporting sources from reductions and reallocations by State, County, and local governments.

Policy F.3.1: Work with professional associations to utilize professional lobbyists to encourage the State to protect existing revenue sources for Districts.

Policy F.3.2: Utilize activity guide and other media to develop articles that educate the public on current uses of existing tax and fee revenues.

GOAL F.4: Maximize opportunities for joint funding, pooling of resources, and sharing facilities with: local and County agencies, other special districts and non-profit agencies, to enhance effectiveness and efficiencies in the provision of services.

Policy F.4.1: Continue cooperation with the City of Livermore, EBRPD, and the LVJUSD for joint-use of facilities.

Action F.4.1.1: Periodically review agreements with EBRPD, the City of Livermore, and other organizations to ensure District needs are being met.

Policy F.4.2: Continue coordination with EBRPD to utilize tax funds diverted from the District to EBRPD (per the 1991 Property Tax Sharing Agreement) for open space parks, regional trails, and regional services in LARPD's jurisdiction.

Action F.4.2.1: Annually meet with EBRPD to review and discuss LARPD's request to EBRPD for assistance with regional facilities and services.

Policy F.4.3: Pursue joint funding applications with local and regional agencies, and non-profit organizations, to increase competitiveness of grant applications.

Policy F.4.4: Seek opportunities to use local public transit and/or State road funds for multi-use trails that also provide a transportation function.

Policy F.4.5: Coordinate with the Altamont Landfill Committee regarding acquisition of open space and park property, using Altamont Landfill fees.

GOAL F.5: When feasible, use existing LARPD resources to generate additional revenue.

Policy F.5.1: Identify feasible projects, programs, and services that provide the opportunity to generate additional revenue.

Action F.5.1.1: Establish programs such as Adopt-A-Facility (building, trail, park, field, etc.), to help fund or provide maintenance of those facilities.

Action F.5.1.2: Investigate the feasibility of using park and rodeo grounds for potential revenue generating activities.

Policy F.5.2: Develop marketing activities designed to generate increased revenue for all District programs and facilities without disproportionately increasing costs.

Action F.5.2.1: Establish benchmarks to measure success in facility marketing and development.

Action F.5.2.2: Review and update the District Marketing Plan to generate increased revenues and promote the value of the District to the community.

Policy F.5.3: Actively pursue grant funding from Federal, State, and local sources.

Action F.5.3.1: Apply for grants to fund the District's CIP and other projects/services.

GOAL F.6: Develop protocols for implementing public works contracts that comply with State and Federal requirements.

Policy F.6.1: Maintain checklists for District compliance with Federal and State funded programs and project requirements, filing deadlines, and accounting requirements.

GOAL F.7: Maintain purchasing policies, procedures, and practices that comply with all applicable laws and regulations, and that instill public confidence in the fiscal integrity of the District.

Action F.7.1: Maintain and periodically update a purchasing policy.

G. Administration and Management

GOAL G.1: Develop public and private partnerships to facilitate implementation of Master Plan goals and policies, to streamline procedures, where possible, and provide more effective and efficient services, and facilities.

Policy G.1.1: Develop partnerships with a broad range of both private and public entities (e.g. LSRA, religious organizations, Lawrence Livermore National and Sandia Laboratories, the Arts Community, Tri-Valley Visitors Bureau, Camp Arroyo, ValleyCare Health System) to maximize joint use and maintenance of facilities and services.

Policy G.1.2: Explore opportunities for joint marketing and communication with other public agencies and non-profit service agencies.

Action G.1.2.1: Develop partnerships with the City of Livermore, Chamber of Commerce, private businesses, and other organizations to market LARPD facilities, activities and events.

GOAL G.2: Promote professional and organizational development.

Policy G.2.1: Provide ongoing professional training and development for staff and LARPD Board members.

Action G.2.1.1: Provide and encourage participation in training opportunities for employees to keep abreast of applicable current State and Federal statutes that can affect job procedures and programs and to update and improve work-related skills.

Policy G.2.2: Encourage leadership development and planning within the organization.

Action G.2.2.1: Provide a leadership development program that includes mentoring, training, networking, and opportunities for sharing expertise throughout the organization.

GOAL G.3: Be prepared for major emergencies and natural disasters.

Policy G.3.1: Coordinate emergency preparedness with the City of Livermore, Alameda County, local schools, and other local organizations and participate in the local Emergency Operation Center (EOC).

Action G.3.1.1: Coordinate with the City of Livermore to provide staff training on emergency preparedness procedures.

Action G.3.1.2: Continue cooperation with Lawrence Livermore Lab to use the Robert Livermore Community Center as its public information headquarters during an emergency.

GOAL G.4: Achieve high level of coordination and communication amongst staff.

Policy G.4.1: Encourage team building and information sharing activities.

Action G.4.1.1: Establish interdepartmental training/information sharing program.

GOAL G.5: Develop and periodically update policies, procedures, and practices that help ensure compliance with laws, provide transparency to the public, and that protect the public, employees, facilities, and resources.

H. Marketing and Communication

GOAL H.1: Respond to community needs, and encourage public participation and input in District planning efforts and LARPD Board decisions.

Policy H.1.1: Use publicity and outreach programs to encourage use of LARPD programs, services, parks, open spaces, and facilities and to keep the public informed of LARPD news and special events.

Action H.1.1.1: Use various forms of existing media to promote LARPD programs, services and special events, such as the LARPD activity guide, website, social media sites, local radio stations, Downtown kiosks, library bulletin boards, and local newspapers.

Policy H.1.2: Review outreach methods to ensure that underserved populations are being served.

Action H.1.2.1: Identify and implement effective methods of marketing and providing information to underserved populations.

GOAL H.2: Utilize and expand the use of internet technology and LARPD web site to promote LARPD facilities, programs, and activities.

Policy H.2.1: Keep the website information up-to-date and provide user-friendly access and interface capabilities.

GOAL H.3: Follow a District Marketing Plan.

Policy H.3.1: Implement the District's Marketing Plan strategically for short- and long-term goals.

Policy H.3.2: Establish District identity to promote a positive image.

Policy H.3.3: Utilize marketing materials to help educate and promote the benefits to District residents from the District's tax sharing agreement with EBRPD.

GOAL H.4: Provide volunteer opportunities that support and enhance LARPD programs, services, and facilities.

Policy H.4.1: To the extent possible, use volunteers as support to staff and to implement LARPD goals and policies.

Action H.4.1.1: Maintain a Volunteer Stewardship program, including training for volunteers who will coordinate, lead and assist with volunteer maintenance activities, resource management projects, monitoring visitor services and assisting with interpretive programs at District parks, trails, and open space sites.

Action H.4.1.2: Sustain a Recreation Volunteer program including training and background checks for volunteers to assist with the delivery of recreational programming.

Action H.4.1.3: To the extent possible, utilize volunteers for a variety of tasks, such as clerical, instructional, public relations, planning, and conducting special events, maintenance, security, fundraising and grant research.

Action H.4.1.4: Develop and use social media technologies that support and encourage volunteerism.

I. Programs and Services

Goal I.1: Provide a broad range of recreation and human services programs, services and activities, at the District, community and neighborhood levels, which reflect the unique characteristics, interests, needs, abilities, cultural background, and socioeconomic makeup of the District residents and that are: safe; enjoyable; promote wellness and healthy lifestyles; encourage educational and lifelong learning; and, provide opportunities for skill development and personal enrichment.

Policy I.1.1: Provide and maintain various multi-purpose and specialty facilities for programs, services and activities that meet the broad range of age, interest, and abilities of the District’s residents.

Action I.1.1.1: Offer recreation programs at a variety of facilities including community centers, preschools, ESS sites, equestrian center, swimming pools, sports fields, private facilities, picnic areas, parks and open spaces, and on LVJUSD properties.

Action I.1.1.2: Provide a wide variety of year round recreation classes and activities for people of all ages, including: pre-school; youth; teen; adult; and, senior populations.

Action I.1.1.3: Identify location(s) and/or partnerships to deliver services and programs to meet the needs and interest of the teenage population.

Action I.1.1.4: Provide classes and programs that are geared towards the schedules of working individuals.

Action I.1.1.5: Provide enhanced before and after school childcare, preschool and learning programs.

Action I.1.1.6: Recruit, hire, train, and supervise the part-time employees needed to teach, lead and/or supervise programs, services and activities offered by the District.

Policy I.1.2: Provide programs and/or events that attract regional participation and that produce regional awareness of LARPD's programs, activities, and services.

Action I.1.2.1: Support the Little League Baseball International Intermediate Division World Series Championships in July/August of each year.

Action I.1.2.2: Provide special events such as Children's Fair.

Policy I.1.3: Plan and provide opportunities for multi-cultural programs, services, and activities that help meet the recreational and park needs of the various ethnic populations within the District.

Action I.1.3.1: Consider providing multi-lingual publicity, registration, and reservation materials.

Action I.1.3.2: Periodically evaluate the effectiveness of multi-cultural inclusionary efforts by tracking the numbers of individuals participating in multi-cultural events and who register via the multi-lingual registration or reservation materials.

Action I.1.3.3: Provide programs and activities that encourage inclusion and acceptance of cultural diversity and that celebrate cultural values and contributions to the greater community.

Goal I.2: Provide accessibility to District programs, activities, and services.

Policy I.2.1: Provide programs, activities, and services which are accessible and that meet the needs of persons of all ages and abilities.

Action I.2.1.1: Apply the principals of the Americans with Disabilities Act (ADA) to encourage participation from individuals of all abilities and to meet or exceed all the requirements for access and reasonable accommodation.

Action I.2.1.2: Provide opportunities that encouraged inclusion and acceptance of individuals with different abilities and that help educate the community of the value and contributions made by people of all abilities.

Policy I.2.2: Provide programs, activities, and services which are accessible to financially disadvantaged individuals.

Action I.2.2.1: Seek grant opportunities to help provide financial support for new and existing programs, activities, and services that lower the cost of participation by financially disadvantaged individuals.

Action I.2.2.2: Offer assistance to financially disadvantaged individuals through targeted free or low fee facilities, programs, activities, and services.

Action I.2.2.3: Offer reduced (subsidized/scholarship) program and service fees to financially disadvantaged families and individuals.

Goal I.3: Present a variety of Open Space interpretive and recreational programs for all ages and abilities that are safe, engaging, educational, and innovative.

Policy I.3.1: Utilize innovative interpretive techniques and cooperative recreational activities to engage children and youth in the enjoyment of nature and of the natural world, in a fun and stimulating environment.

Action I.3.1.1: Offer Summer Nature Camps and the Junior Rangers Program

Policy I.3.2: Utilize innovative interpretive techniques and curriculum-based materials to educate local school children on scientific processes, the complexity and beauty of the natural world and of their role in that world, and in the cultural history of Native Californians.

Action I.3.2.1: Offer interpretive nature and cultural programs through the District and through local public, private, and charter schools.

Policy I.3.3: Provide unique and innovative interpretive programs that increase participants' knowledge and enrich their experiences of the natural world and of the cultural history of California.

Action I.3.3.1: Issue the monthly Valley Wilds electronic publication with accurate and stimulating content.

Action I.3.3.2: Offer weekend and Camp Shelly special activity programs, and other various fee programs throughout the year.

Policy I.3.4: Provide recreational opportunities in a natural setting.

Action I.3.4.1: Provide and maintain Open Space facilities for unstructured recreational use and offer reserved and drop in use of Camp Shelly.

Action I.3.4.2: Evaluate Open Space programs periodically for content, suitability, acceptance, and cost recovery.

Action I.3.4.3: Train interpretive staff and camp counselors on techniques to engage children and adults in educational and recreational activities.

Action I.3.4.4: Work with other agencies and non-profit organizations to provide comprehensive, efficient, and collaborative programming.

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LARPD



Parks, Recreation and Trails Master Plan

Chapter Three:
Needs Assessment

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3.0 NEEDS ASSESSMENT

This portion of the Master Plan provides an overview of existing parks, trails, recreation facilities and programs within the Livermore Area Recreation and Park District. Chapter Three also reviews potential opportunities that could further enhance the services and programs offered by the District. An understanding of existing resources is essential prior to beginning the needs evaluation process.

A diverse combination of recreation buildings, community parks, neighborhood parks, special use facilities, trails, school facilities, and nearby regional parks and open space provide opportunities for a myriad of community and personal activities for recreation, education, health, and cultural enrichment within the District.

3.1 Park Definition

For purposes of this Master Plan, a definition of various types of “parks” is desirable as they relate to the needs analysis tools used in this section:

Public Park or Park Land

The synonymous terms “park”, “public park”, and “park land” are defined as outdoor areas owned by a public entity generally available for public passive and/or active recreation usage, which are accessible and contain recreation improvements.

Areas not generally considered as “park land” include: street medians, landscape beautification areas, natural preserved or conserved open space areas without public access, unimproved land zoned for uses other than recreation, and flood zones.

3.2 District Park Types

Parks can be classified by type based primarily on their size, function and character. The classification of parks is important in understanding District-wide acreage needs and in determining what types of parks are needed in the future. The categorization and service needs for park land are:

Neighborhood Parks

Neighborhood Parks are intended to serve District residents who live in close proximity; however they also contribute to the overall park system available to the entire community. Ideally, everyone in the District would live within convenient walking distance (typically one-half mile) of a Neighborhood Park. This is defined as the “service radius” or “service area” of a Neighborhood Park. Neighborhood Pocket Parks and Downtown Parks are subcategories of the Neighborhood Park group because these smaller parks provide important accessible recreation opportunities to the residents in their immediate vicinity. LARPDP generally does not manage these types of parks due to their small size, limited scope, and the loss of recreational use of downtown parks to commercial interests.

Neighborhood Parks address daily recreation needs of the surrounding neighborhood; features of Neighborhood Parks might include playgrounds, multi-purpose open turf areas, practice sports fields, picnic tables and/or picnic shelters, walking paths, attractive landscaping, and recreation features such as tennis and basketball courts. The population level of service guideline is 2 acres per 1,000 persons for

neighborhood parks. For LARPD, they are typically 4-10 acres and do not include lighting, restrooms, or off-street parking.

Community Parks

Community Parks can provide a broad range of both passive and active recreational opportunities, but their primary purpose is to provide active recreational opportunities for use by a larger segment of the population than Neighborhood Parks. Community Parks are generally considered to serve several neighborhoods within a two-mile radius. If a Community Park is located within a residential area it can also serve a Neighborhood Park function and, therefore, is included in the service area analysis for Neighborhood Parks. Recreation buildings or centers are important features in some Community Parks. These buildings may contain features such as gymnasiums, multi-purpose rooms, classrooms, and offices for recreation staff. Other facilities often found at Community Parks might include sports fields, sports courts, amphitheaters, swim pools, restrooms and group picnic areas. Large special events such as concerts and festivals might also be held in larger Community Parks. The ideal size for a community park is about 30 to 50 acres, allowing for adequate community oriented facilities, parking and open areas for flexible park programming. LARPD's adopted service requirement for Community Parks is 2 acres per 1,000 residents.

Special Use Facilities / Parks

Special Use Facilities generally possess a unique character or function focused on a single type of activity. Sports fields, equestrian facilities, BMX courses, skate parks, community gardens, historic sites, or community buildings (without an associated park), and trail facilities are considered Special Use Facilities. These parks may serve second or third uses such as meeting spaces or alternative transportation corridors, but the primary use is prioritized with regard to design, maintenance and function. Size requirements for special use parks vary depending upon the functions, activities and required parking/service space. For example, many sports parks exceed 60 acres in size, but a swimming facility could be constructed on 3 to 5 acres of property. LARPD's adopted service requirement for Special Use Facilities/Parks is 2 acres per 1,000 residents.

Open Space Parks and Preserves

Open space parks are larger land areas with outstanding natural or cultural features warranting conservation for their natural value, educational benefits and enjoyment by the public. Open space preserves are established specifically to protect and preserve significant and unique natural and cultural resources. These resources may include rare or endangered species- as well as their ecosystems-that are protected under state or federal law. Both open space parks and preserves are typically undeveloped land left primarily in its natural environment. Open space parks are usually open to the public and may allow passive recreation activities, while preserves may have restrictions or limitations to public access as further protection of sensitive resources.

Existing open space parks and preserves range in size from 24 acres to over 700 acres. The target size for new open space parks and preserves is 150 acres. The district may consider smaller size park/preserve opportunities depending on the location and sensitivity of the resource to be acquired. Since the primary goal for the acquisition of open space is conservation and protection of natural resources, a population level of service guidelines is not applicable.

3.3 Existing District Recreation Facilities

Unique and diverse recreational opportunities are available throughout the Livermore area in District facilities. One can find natural open spaces, trails, community buildings, streams, sports courts, fields, swimming pools, passive areas, dog parks, playgrounds, trail staging areas, a skate park, and much more. As a District that has grown steadily over the past few decades, newer developed areas have benefited from planning efforts that reflect relatively current thinking about neighborhood identity and local neighborhood parks. This has led to an effective system of diverse parks, strongly associated with adjacent residential areas and important to overall community identity. Additional Neighborhood Parks are planned as part of future residential developments. Another strength of the park system is the abundant off road trails that take advantage of open space and natural areas of the community and desired routes for alternative transportation corridors.

It is worthwhile noting items of special interest:

- Nineteen (19) parks are connected to trails or have trail connections through neighborhoods, to schools and other open space, and park facilities or commercial areas
- Sycamore Grove Park is the most used park in the District as reported by the highest number of households (17%) polled in a community-wide telephone survey
- The vast majority (93%) of residents are very satisfied or somewhat satisfied with maintenance of existing recreation facilities and programs in Livermore
- The District hosts major community and regional events at several locations
- Trails in Sycamore Grove Park connect Livermore park users to the vast natural areas and terrain of the 847-acre park as well as connection to Del Valle Regional Park

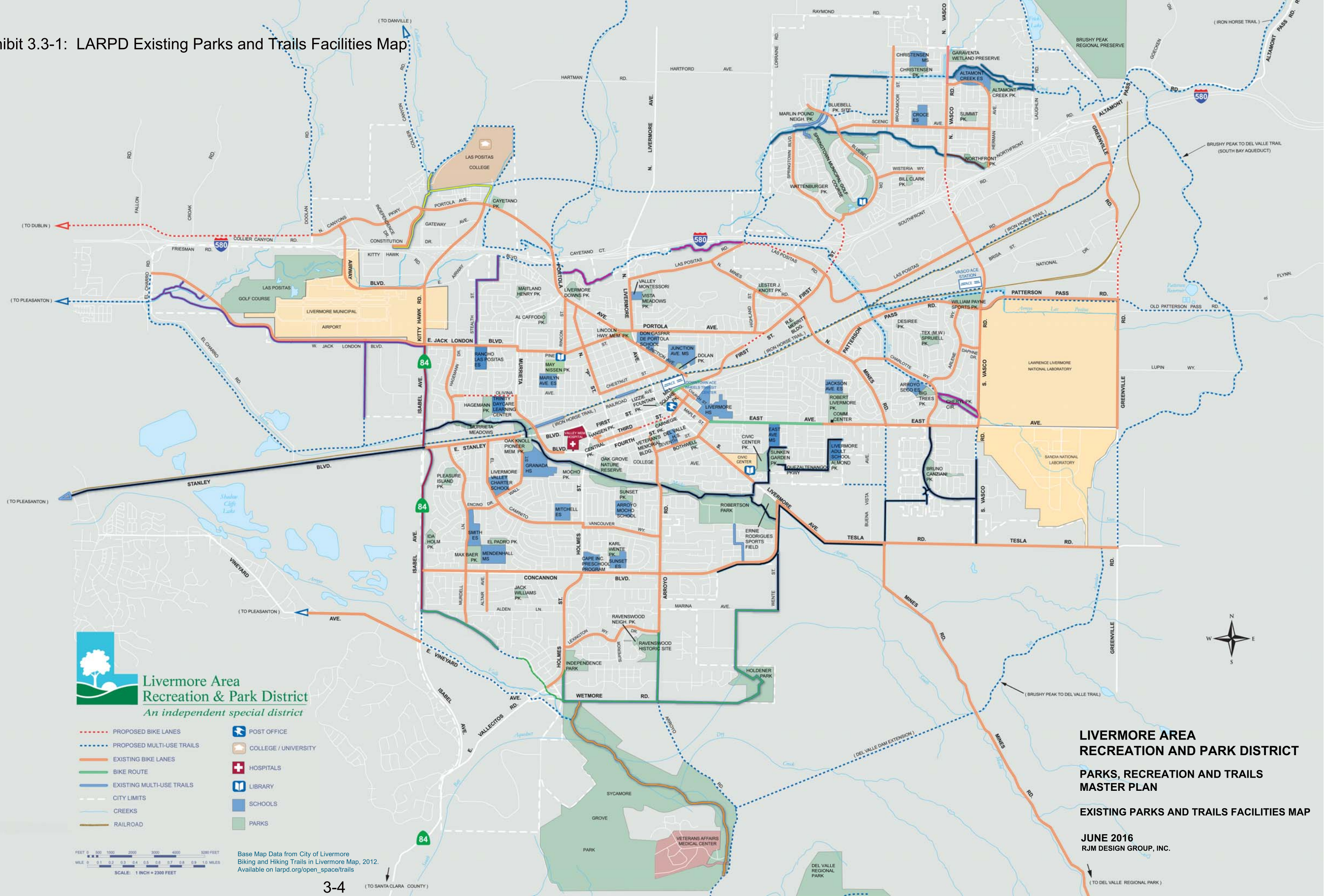
Exhibit 3.3-1 is a map showing the location of each existing park site and trail facilities Exhibit 3.3-2 is a matrix that describes size and features of existing public parks and recreation facilities within the District.

Park Distribution

Exhibit 3.3-3 provides a graphic illustration of the distribution of parks throughout LARPD. This geographical service area map will be discussed in section 3.9.3.

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Exhibit 3.3-1: LARPD Existing Parks and Trails Facilities Map



Livermore Area Recreation & Park District
An independent special district

- PROPOSED BIKE LANES
- PROPOSED MULTI-USE TRAILS
- EXISTING BIKE LANES
- BIKE ROUTE
- EXISTING MULTI-USE TRAILS
- CITY LIMITS
- CREEKS
- RAILROAD
- POST OFFICE
- COLLEGE / UNIVERSITY
- HOSPITALS
- LIBRARY
- SCHOOLS
- PARKS

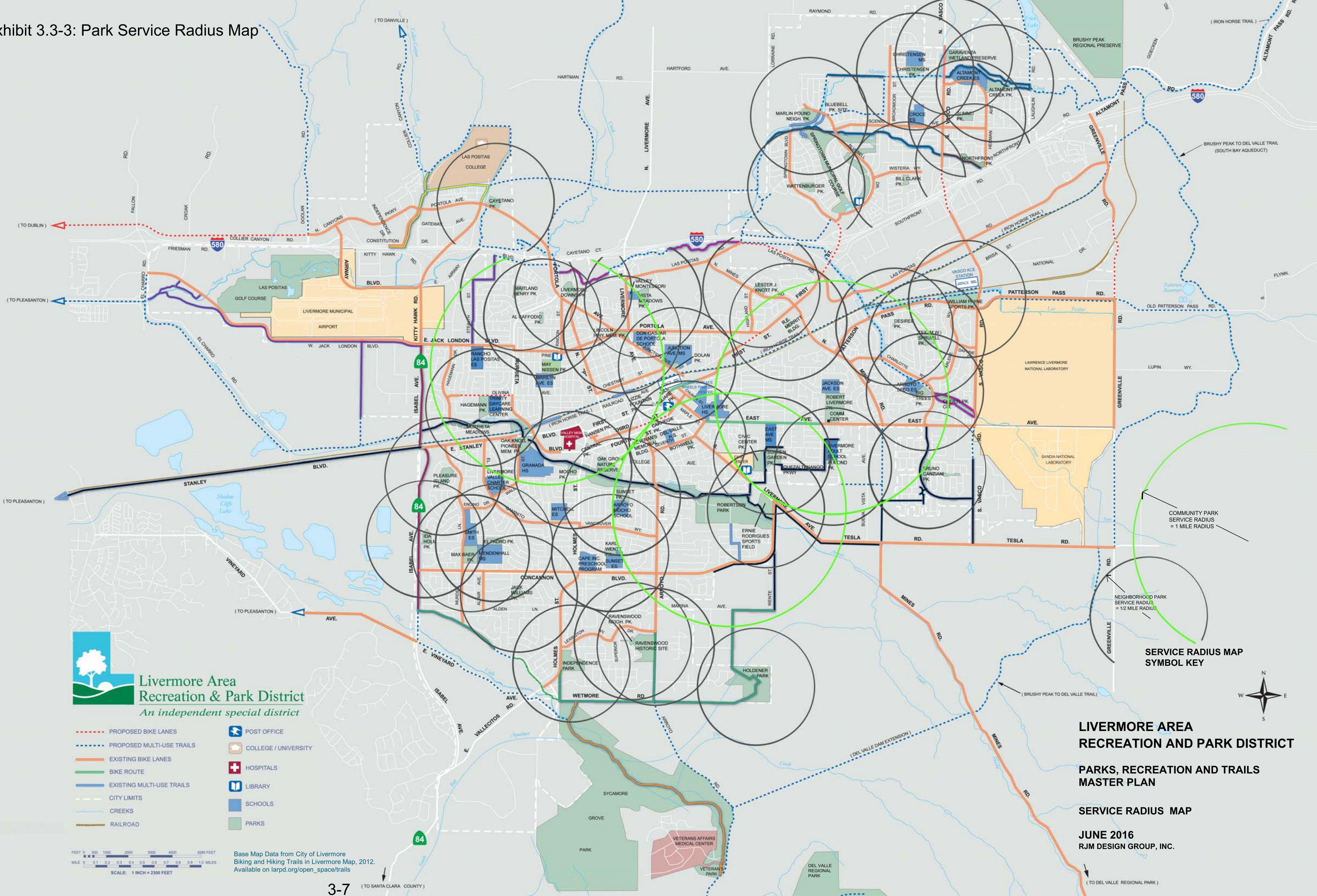
FEET 0 500 1000 2000 3000 4000 5000
 MILE 0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0
 SCALE: 1 INCH = 2300 FEET

Base Map Data from City of Livermore
 Biking and Hiking Trails in Livermore Map, 2012.
 Available on larpd.org/open_space/trails

LIVERMORE AREA RECREATION AND PARK DISTRICT
PARKS, RECREATION AND TRAILS MASTER PLAN
EXISTING PARKS AND TRAILS FACILITIES MAP
JUNE 2016
 RJM DESIGN GROUP, INC.

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Exhibit 3.3-3: Park Service Radius Map



Livermore Area Recreation & Park District
An independent special district

- PROPOSED BIKE LANES
- PROPOSED MULTI-USE TRAILS
- EXISTING BIKE LANES
- BIKE ROUTE
- EXISTING MULTI-USE TRAILS
- CITY LIMITS
- CREEKS
- RAILROAD
- POST OFFICE
- COLLEGE / UNIVERSITY
- HOSPITALS
- LIBRARY
- SCHOOLS
- PARKS



Base Map Data from City of Livermore Biking and Hiking Trails in Livermore Map, 2012. Available on larpd.org/open_space/trails

SERVICE RADIUS MAP SYMBOL KEY

- COMMUNITY PARK SERVICE RADIUS = 1 MILE RADIUS
- NEIGHBORHOOD PARK SERVICE RADIUS = 1/2 MILE RADIUS

LIVERMORE AREA RECREATION AND PARK DISTRICT
PARKS, RECREATION AND TRAILS MASTER PLAN
SERVICE RADIUS MAP
JUNE 2016
RJM DESIGN GROUP, INC.

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3.4 Joint-Use School Facilities

In almost every Livermore neighborhood, school facilities play an important role in family life and routine, providing civic gathering places and important resources in the community. The District has established agreements with Livermore Valley Joint Unified School District that allows the Park District to utilize school campuses, and allows the School District to use the District’s facilities. Many campuses have outdoor play areas, sports fields and swimming pools that have been used by the District, by sports and community organizations, and by Livermore residents. In recent years, schools have become more concerned about security and unauthorized access to school campuses and have restricted public access through measures such as fencing and locked gates.

3.5 Other Large Recreation Facilities Located In the District

By an agreement between LARPD and EBRPD in 1992, EBRPD develops regional parks in the LARPD service area:

1. EBRPD has identified several potential regional parks/preserves in its 2013 Master Plan, including but not limited to Tesla and Cedar Mountain;
2. LARPD supports development of the potential regional parks/preserves in its Master Plan, including but not limited to Tesla and Cedar Mountain;
3. LARPD will cooperate and coordinate with development of the regional parks/preserves and major trail connections between LARPD’s and EBRPD’s facilities.

Significant large recreational areas and facilities exist in the community, offering a diverse set of recreational opportunities. Found on Exhibit 3.9-8 Existing and Proposed Trails and Open Space Map, these facilities include the following established recreation areas:

- Del Valle Regional Park, operated by EBRPD to the south
- Brushy Peak Regional Preserve to the northeast (joint partnership of EBRPD and LARPD)

Del Valle Regional Park, owned by the State of California and operated and maintained by EBRPD is located 10 miles south of the City of Livermore. Programmed for passive and active recreation in over 4,000 acres of lakeside and back country trails, camping, hiking, sailing, fishing, boating, swimming, kayaking, and equestrian uses. This varied natural recreation area, so close to a population center, makes for a unique offering of recreation opportunities.

Brushy Peak Regional Preserve contains over 2,000 acres of rolling terrain and includes 1,500 acres of property owned by EBRPD and open to the public, with 507 acres owned by LARPD as a resource protection area that is open only by guided tour through LARPD. This property combines important cultural and species habitat preservation, educational opportunities, and access to hiking opportunities at the parking lot, picnic area, restroom and interpretive signage at the EBRPD entrance to the area.

Because District residents have access to these regional facilities, LARPD helps fund them through a tax-sharing agreement that currently transfers over \$4,000,000 from LARPD to EBRPD on an annual basis. The two agencies work closely to coordinate regional facilities and services to the LARPD residents.

3.6 Private and Commercial Recreation Facilities

Non-public facilities play a large role in meeting the recreational needs of the residents of the District. The array of programs and facilities they provide is substantial. Some programs are offered through cooperative agreements with the District, such as martial arts and dance; others are not. There is a limited network of private facilities within the District, made up of businesses, churches, clubs, private schools, homeowner associations, and golf courses (private and public).

This Master Plan does not provide a detailed inventory of private and commercial facilities since the District neither owns, operates, nor maintains them. These recreation resources are therefore not credited toward satisfaction of the District’s acreage or facility goals for public parks. However, as they do fill a recreational role, these facilities may individually be able to address certain specific identified needs in the District.

Commercial Recreation Facilities

Several commercial operations provide recreational, sports, or exercise opportunities within the District. These resources are not credited toward the District’s acreage or facility quantity goals.

- Las Positas Golf Course (Robert Muir Graves designed 27 hole municipal golf course owned and operated by the City of Livermore)
- Springtown Golf Course (links style nine-hole municipal golf course owned and operated by the City of Livermore); currently inactive
- Wentz Golf Course and Poppy Ridge Golf Course
- Privately owned and operated facilities such as a tennis club, indoor sports center, bowling lanes, fitness clubs, ice rink, etc.
- Homeowner Associations (HOA’s) and Private Clubs (private swimming pools and recreational facilities)

3.7 Opportunity Sites

Throughout this Master Plan process numerous sites have been evaluated for the potential to provide additional recreational opportunities in the community. Several “opportunity sites” are currently planned as potential developer-funded parks. Other sites are undeveloped or vacant park sites, and some are currently utilized for other purposes but may become available for recreational use in the future.

There are two categories of opportunity sites indicated:

- **Planned (Designed and Not Designed):** These sites are planned for future parks or new amenities and may or may not have been designed
- **Unplanned:** These sites are potential public recreation facilities that would require negotiation, dedication, or planning revisions to secure their use as a park or facility

Exhibit 3.7-1 Opportunity Sites Examples

Planned Park Sites	Size	Notes
Robertson Park	110.3 ac	Consider adding multi-use sports fields
Sunken Gardens	8.9 ac	Consider adding additional bicycle and skating facilities

Unplanned Park Sites	Size	Notes
Future Community Park	30 + ac	Consider locating in North Livermore
Future Neighborhood Park	8 + ac	Consider as development occurs
Future Special Use Park	30 + ac	Consider sports park located in North or West Livermore

3.8 Recreation Facility Needs Assessment

The purpose of the recreation facility needs assessment is to identify the current and future recreation facility needs within LARPD, to identify recreation demand that is unmet, and to suggest the relative priority of each identified need. Needs were identified and prioritized by engaging the community in a series of community outreach forums and other needs identification tools listed below, and from professional staff input and through analysis of District use data. The process involved gathering both qualitative input (workshops, sports and community organization questionnaires, and interviews) and quantitative input (telephone survey, found in Appendix B, and the Recreation Demand and Needs Analysis in section 3.9). Qualitative input is the voice of the responding community members and quantitative input provides statistically valid information. Using only qualitative feedback as a basis for the number, type, and location of recreation facilities ignores the fact that such feedback may not be representative of the entire community and also may not quantify facility needs beyond “more”. Each needs identification tool and each bit of information gathered is a piece of the recreation puzzle leading to a more thorough understanding of the community. All of the pieces, taken together, provide an overall picture of recreation facility needs specific to LARPD now and in the future.

The following methods and processes (needs identification tools) were utilized in the facility needs assessment

- A total of seven (7) different needs identification tools were used to identify the District’s recreation facility and program needs (see Exhibits 3.9-1 and 3.9-2)
- Community outreach included three (3) public workshops, three (3) focus group meetings, a community-wide telephone survey and an at-event intercept survey
- Sixteen (16) organized sports groups completed questionnaires regarding usage and needs
- The District currently has a slight current deficit in sports fields

3.8.1 Community Outreach

The community outreach portion of the Needs Assessment provided a number of opportunities to obtain perspective from residents, users of facilities and programs, and providers of facilities and programs. Community outreach tools utilized in this update included the following:

- Key Stakeholder Interviews
- (3) Focus Groups
- (3) Community Workshops
- Sports Organization Questionnaires
- Community-Wide Telephone Survey

Another needs identification tool included in the community outreach effort, the Districtwide Telephone Survey, is discussed in Section 3.8.2. The information received from each of these sources has been included in the overall prioritization of needs and recommendations. A brief summary of each community input is provided below, and the complete summary is included in the Appendix document.

A list of key community organizations and partners was developed for the purpose of holding individual interviews with representatives of each organization. These interviews provide insight into the utilization of resources, collaboration to meet community needs, and the future possibilities of partnerships, primarily involving existing groups that already utilize District facilities and services. The following stakeholder groups were included in the interviews:

Livermore Chamber of Commerce, Livermore Police and Fire Departments, Tri-Valley Conservancy, Wente Vineyards and Event Center, LARPD departments, City of Livermore Planning Department, Bothwell Performing Arts Center, Alameda County Community Development, and Lawrence Livermore National Laboratories

The input received was analyzed and the resulting consensus list of top responses is provided:

- Pride in the existing parks and facilities; overall staff is doing a good job with limited resources
- Clean parks, maintenance challenged by staff reductions
- Need safer, complete bicycle routes; fill in the gaps in trail systems
- Need more lighted ballfields & large scale sports park
- Explore collaboration opportunities with nonprofit agencies
- Good participation in cultural / arts programs
- LARPD does much more than many people are aware
- Good amount of Open Space

Focus Groups

Three focus groups were facilitated in November and December 2013 and February 2014 for the purpose of meeting with and discussing issues focused on specific topics important to the delivery of recreation services in the District. The three focus group topics were:



1. Parks, Playgrounds and Sports Fields
2. Open Space, Trails and Equestrian Facilities
3. Recreation Programs and Senior Services

A series of topics and/or questions were asked and discussions ensued at each focus group to ascertain the top issues, needs of the community and suggestions for solutions. Focus Groups consist of invited individuals who represent current user groups or stakeholders and are not intended to be statistically accurate or representative of the entire community. The following are the consensus responses and results of the focus group sessions:

Focus Group #1: Parks, Playgrounds and Sports Fields

Topic 1: Ideas for improving parks in LARPD

Lighting (sports fields)

Restrooms

BBQ's / picnic areas

Shade

Updated park amenities, furnishings

Maintenance, landscaping & turf

Topic 2: Ideas for improving playgrounds in LARPD

More diverse play structures for all ages

Shade structures & seating

Spray park

Topic 3: Are there any gaps in sports facilities in LARPD?

Need more fields

Field lights

Spray park

Multi-sport stadium complex

Topic 4: Are there any emerging sports that need facilities in the District?

Hockey

Focus Group #2: Open Space, Trails and Equestrian Facilities

Topic 1: Are there any gaps in the protection of open space areas that need to be addressed?

Improve recreational and public access to acquired public lands

Lack of science in resource management, i.e. wildlife corridors, habitat and agricultural preservation priorities, trail connectivity

Topic 2: How can LARPD improve efforts in coordination with other agencies in the protection of open space?

Coordinate with General Plan and City priority areas to influence ability for agencies to have consistent land use policies

Encourage stewardship of working landscapes

Encourage interagency quarterly meetings and user group/stakeholder quarterly meetings

Topic 3: List the top connections or missing links that need to be addressed

Complete S. Livermore Valley Trail to Greenville

Sycamore to Isabel

Sycamore to EBRPD Del Valle

Arroyo Mocho Loop Trail

**Brushy Peak to Los Vaqueros and Sycamore Grove
Connect to Iron Horse Trail
Connect over/under 580**

Topic 4: List trail / equestrian facility conflicts and solutions

**District participation in equestrian group meetings to learn concerns
Improve Robertson Park-lights, upper area footing, electrical access
Provide manure management facility
Provide adequate space on trail and/or manage times slots for use**

Focus Group #3: Recreation Programs & Senior Services

Topic 1: Are there any areas of recreation programming that are not currently provided that should be added by LARPD?

Public/private collaboration to provide services to raise kids into productive citizens

Enrichment classes

Cooking programs (and kitchen to provide them)

Topic 2: Are there any Seniors programs that should be added by LARPD?

Fitness – hiking club

Nature experience / education

Joint partnering to fund specialized programs such as naturalist

Promote seniors sports league

Look at promoting younger seniors programs

Community Workshop #1 & #2 – Community Characteristics and Issues

The first two-part community workshop was held on November 19th and December 5th, 2013. Forty (40) individuals attended the first workshop (combined A & B). The purpose of the first Workshop was to identify what the residents of Livermore like about the District's character, parks and recreation programs, and to identify what could be improved. The workshop was provided in two locations on two dates so as to gather input from both geographical areas of the District. Due to the nature of open invitation workshops, the participants typically do not reflect the demographics of the community and are more representative of special interest groups and individuals.



According to the workshop participants, the most important community characteristics are (in order of importance):

1. Open space close to town
2. Downtown walkability, activities & atmosphere
3. Wide variety of recreation opportunities
4. Parks and trails
5. Vineyards & wineries

The most important issues or trends that the workshop participants felt impacted Livermore's community characteristics are (in order of importance):

1. Limited funding
2. Limited coordination between school district and other agencies
3. Planning for Tesla park and consideration of environmental concerns

When asked what role parks, recreation and community services play in addressing the issues and supporting the community characteristics, they agreed to the following priority list (in order of priority):

1. Creative funding with community involvement to keep money local
2. Coordinate with other agencies to develop joint use facilities

Community Workshop #3 – Sports and Community Facilities

The third community workshop was held on February 15, 2014. Twenty nine (29) individuals attended this workshop. This workshop identified the most and least favorite facilities in the Livermore area, the most important facility needs, and helped to identify opportunities to address those needs.

According to the workshop participants, the most favorite parks and/or recreation facilities in Livermore are (in order of preference):

1. Robert Livermore Community Center
2. Sycamore Grove Park
3. Robertson Park
4. Brushy Peak
5. Holdener Park
6. Multi-use trails
7. Tot lots
8. Dog park

According to the same workshop participants, the least favorite parks and/or recreation facilities in Livermore are (in order of least favorite, 1= least favorite):

1. Trail connections
2. Big Trees Park
3. May Nissen Park
4. Robert Livermore pool
5. Skate park

The top park and/or recreation facility needs in Livermore are (in order of priority):

1. Lighted fields
2. Improved maintenance
3. Improved and new restrooms
4. Bike / skate facility

Some opportunities to meet current and future parks and/or recreation facility needs are (in order of greatest opportunity):

1. Joint use opportunities
2. Corporate sponsorships
3. Collaboration with other agencies
4. Grants

Community Workshop #4 – Needs Summary and Prioritization

On March 19, 2014, Twenty-four (24) individuals were involved in an overview of the Master Plan process, and a summary of the recreation facility and program needs in the District. Due to the nature of open invitation workshops, the participants typically do not reflect the demographics of the

community and are more representative of special interest groups and individuals.

According to workshop participants, the top recreation facilities needed in Livermore are (in order of priority):

1. Trail system linkages (system completions)
2. Trails, walking/jogging paths
3. Undeveloped open space
4. Restrooms
5. Trails, biking / cycling
6. Trails, equestrian
7. Drinking fountains
8. Historical interpretive center

The most significant programs/services needs identified by the workshop attendees were (in order of highest priority):

1. Activities/programs for seniors
2. Activities/programs for teenagers
3. Exercise / fitness programs
4. Special needs programs
5. Naturalist programs
6. Youth programs & services
7. Unstructured play opportunities
8. Technology programs
9. Personal development programs
10. Scholarship programs for kids

Sports Organization Questionnaire (refer to Exhibit 3.8-1)

To supplement the information regarding participation in organized sports that was obtained from the Districtwide telephone survey, a questionnaire was designed and distributed to the organized sports organizations that use the District sports facilities that are rentable or available for reservation.

This survey obtained information regarding the number of players and teams in the league or sports organization, age ranges of the players, what seasons they play, if they travel outside Livermore to play, if they participate in tournaments, ratings of field/facility maintenance and scheduling, and projections of growth and facilities they have the greatest need for both now and in the future. Detailed information was requested for each division in the group regarding the number of players, the size of facility required and the time and place of all games and practices.

The survey was distributed by the District staff and sixteen (16) out of twenty (20) sports organizations responded to the questionnaire.

Some of the more objective information is summarized in Exhibit 3.8-1. The information regarding the number of players, size of teams, seasonality and turnover of facilities for both games and practice are used to better define peak day demand and convert that to number of facilities required to meet the needs of this segment of the recreation market. Information regarding which of the facilities are currently being used by the sports groups provides input to the inventory of sports facilities regarding usage for adult sports, youth sports and practices.

Additional qualitative information regarding respondent’s rating and comments on facility maintenance

and scheduling, assessment of usage fees, the perceived needs for additional facilities currently and in the future, as well as desired enhancements in future facilities was collected on the questionnaire. These responses will be used by District staff to better understand the usage patterns and needs of the active sports groups. To further understand the usage patterns, sports groups were asked to estimate the percentages of participants that reside within the District limits. These values are shown below on Exhibit 3.8-1.

Exhibit 3.8-1 Sports Organization Questionnaire Summary Inventory

Group	Members	Percent Residents	Primary Practice Facility	Primary Competitive Facility	Future Needs
California Synergy Travel Baseball	60	15%		Max Baer	Dirt infield needs repair, turf it
CYO Basketball	1000	100%	R. Livermore Gym	R. Livermore on Saturdays	Occasionally gym has scheduling conflict
Granada Little League	600	100%	Max Baer and Mendenhall School	Max Baer and Mendenhall School	Field 2 needs work, grass the infield
Club V.I.P. Volleyball	33	60%	R. Livermore Gym Fridays	R. Livermore Gym Fridays	Need more courts
LARPd Basketball, Adult Rec League	100	70%	R. Livermore Gym	R. Livermore Gym on Sundays	
LARPd Adult Softball	105	70%		Rodrigues, Robertson	
LARPd Adult Soccer	800	100%		Robertson, Christensen	
LARPd Water Polo	100	100%	R. Livermore Pool	R. Livermore Pool Saturdays	
LARPd Recreation Swim Team	100	100%	R. Livermore Pool	R. Livermore Pool Saturdays	
Livermore American Little League	590	100%	R. Livermore	R. Livermore, Jackson E.S., B. Payne, Ernie Rodrigues, Junction School, Max Baer	Lights at R. Livermore & B. Payne, snack shack @ Payne
Livermore National Little League	500	100%	Junction Avenue Elementary School	Junction Avenue Elementary School	
Cavaliers Rugby Club	160	20%	Las Positas College, Emerald Glen in Dublin	Las Positas College, Robertson Park (limited)	All-weather field w/lights
Livermore Fusion Soccer Club (formerly LYSL)	2227	99%	Robertson, Kellman	R. Livermore, B. Payne, Sunset, Mitchell	Lighted fields, storage, parking
Livermore Girls Softball Association	450	100%	Altamont Creek, Robertson	Altamont Creek, Robertson	No dedicated facility or concessions
Livermore Phantom Lacrosse Club	96	98%	Robertson, Ernie Rodrigues Softball Field	Robertson, Ernie Rodrigues Softball Field	Lighted all weather field
Livermore Jr. Football	350	100%	Max Baer, El Padro	Max Baer, El Padro	Would like to use Robertson if available

3.8.2 Community-Wide Telephone Survey

A total of 403 interviews were completed with adult head of households living in the District. These respondents were contacted through the use of a random digit dial sample. This sample methodology compensates for the incidence of unlisted telephone numbers. Eligibility was confirmed within the survey instrument by adding a screening question, eliminating those contacts that were not residents of the District. This type of survey is especially important because it most closely reflects the opinions of the entire community, and not special interest or only current users of District services.

The sample error for a sample size of 403 is +/-5% at the 95% confidence level. This means that if we were to survey every household in Livermore, we are confident that, 95% of the time, the results for a question would differ by less than 5 percentage points from the results derived from this sample.

Responses to survey questions provide vital information, including:

Frequency of Use: Five of every ten District households, or 53% of the total population reported through the telephone survey as being a frequent user of park and recreation facilities (utilizing recreation facilities one to two times a week). Another 19% of District residents in the telephone survey described themselves as moderate users (utilizing recreation facilities between twelve and twenty-four times annually). The telephone survey also found that about 16% of residents polled reported member (s) who participated in Senior Services or programs, while 11% reported member (s) who used licensed child care or before or after school child care programs.

Most Used Facility: Sycamore Grove Park was reported as the most often used park by the highest percentage of households (17%). Robert Livermore Community Center and park, various trails, the pools, Robertson Park and Marlin A. Pound Park were also mentioned.

Most Common Recreation Activities: Of the 12 activities tested in the survey, the largest share of the population reported participation during the last year in: walking/jogging/running on public trails for active recreation or fitness (67%), open space usage (53%), picnicking (49%), bicycling (48%), swimming (30%), tot lots (16%), youth soccer (9%), softball (4%), youth baseball (4%), youth basketball (2%), and youth volleyball (1%).

Programs/Community Services Satisfaction: Nearly all respondents (95%) indicated that they are either “Very Satisfied” (60%) or “Somewhat Satisfied” (35%) when asked how satisfied they are with existing recreation, personal enrichment, adaptive and art programs and/or community services in the District.

Most Desired Facility: The active recreation facilities cited as most desired by District residents surveyed were walk / jog trails (7%), bike trails (5%), multi-use trails (4%), tennis courts (4%), dog park (4%), soccer fields (3%), ice rink (3%), and indoor pool (3%).

One in four (28%) indicated their household members have no new recreation facility needs.

A key element of the telephone survey is information that generates participation rates in each of twelve (12) recreational activities. These participation rates are analyzed in the recreation demand and needs analysis (Section 3.9), where facility demand is calculated in relationship to the population served. The full Community-Wide Telephone Survey report can be found in the Appendix.

3.9 Recreation Demand and Needs Analysis

This section summarizes the evaluation of demand for twelve (12) recreation and park activities based upon actual participation rates as determined by the residents of the District and LARPD records. A key element in any park and recreation planning strategy is an understanding of the nature of demand for parks and recreation facilities. Without this understanding, policy can only be based on general standards, such as population ratios (acres per thousand residents) or service area (distance to park facility). Such standards are useful, but the demand analysis guarantees that the needs assessment reflects LARPD specifically.

The information used to calculate community demand for recreation facilities comes from four sources:

- The community-wide telephone survey
- District population projections
- Sports and community organization questionnaires
- California State Department of Parks and Recreation

The telephone survey provides a statistically valid basis for determining how the residents of the District participate in recreation activities. The participation rates in recreation activities from the survey constitute a quantitative basis for the demand analysis that is used in calculating the current need for facilities.

The nature of growth and population change establishes trends in demand for recreation and leisure services. These population projections, together with the survey results describing participation rates for various demographic measures, are the basis for a quantitative projection of future facility needs.

In terms of sports facilities, it should be noted that the analysis pertains to participation in sports games on game fields, for which quantitative inventory is possible. This information is obtained in part from the sports organization survey. Participation in sports practices and evaluation of practice field demand is not included, in part because practices often occur on informal, non-regulation facilities.

Further, it is assumed that practices can occur on game fields during non-peak portions of the season. Based on the responses received from the sports organization survey there appears to be an adequate quantity of practice fields, although there are concerns regarding the limited playability due to the quality of some of the school fields, winter closures, and lack of lighted fields within the community.

The sports organization questionnaire obtained information regarding the number of players and teams in each league or sports organization, age ranges of the players, what seasons they play, if they travel outside the District to play, if they participate in tournaments, ratings of field/facility maintenance and scheduling, projections of growth, and facilities they have the greatest need for both now and in the future. Detailed information was requested for each division in the sport regarding the number of players, the size of facility required, and the time and place of all games and practices.

This information is used as a supplement to the telephone survey results and as a means to better define peak day demand (number of participants who will be involved in a given activity on the busiest day of the year) and convert that to the number of facilities required to meet the needs of this segment of the recreation market. Information regarding which of the existing facilities are currently being used

by the sports groups provides an understanding of the inventory of sports facilities regarding usage for adult sports, youth sports, and practices.

3.9.1 Facility Needs Summary

This is a key portion of the Master Plan that brings together information from various public and staff input, as well as other relevant studies and analysis, and distills them into a picture of recreation in the form of recreation facilities that can support the needs of the LARPD citizenry to achieve the community vision.

Since all of the needs identification tools are directly or indirectly based on input from community residents, it is fair to say that all of the needs identified are significant and important to some portion of the community. However, it is generally helpful to attempt to determine which needs have the highest priority level as perceived by the qualitative or quantitative information gathered. Quantitative information is derived from the statistically valid phone survey and demand formulas for facility needs. Qualitative data includes interviews, public meetings, questionnaires, trends and program needs analysis. Please note that during the public input process, assumptions, data and comments received were not evaluated or corrected. In some cases, the individuals requesting specific services or facilities were unaware that they are already available or provided by the District.

The Facility Needs Summary (Exhibit 3.9-1) establishes relative priorities; the more needs identification tools that indicate a particular need, the higher the ranking. From this list, the top five facility needs are (in order of highest priority):

- Trails, multi-use for jogging, walking, hiking, equestrian, bicycling
- Lighted Sports Fields
- Restrooms in Parks
- Sports Fields
- Sports Complex, lighted with synthetic turf

Exhibit 3.9-1: Facility Needs Summary

LARPD Facility Needs Summary	QUANTITATIVE							Total # of Tools that Identified Need
	Resident Telephone Survey	Demand-Needs Analysis by RJM Design Group	Key Stakeholder Interviews	Community Workshop	Focus Groups	Sports Organization Questionnaire	Recreation Trends Analysis by RJM Design Group	
Identified Recreation Facility Need								
Baseball Field					√	√		2
Bike Skills Park				√	√			2
BBQ/ Picnic Areas					√			1
Concessions						√		1
Dog Park	√			√	√			3
Drinking Fountains				√		√		2
Equestrian Facilities, Trails				√	√			2
Gymnasium (Multi-sport)						√		1
Ice Rink	√				√			2
Indoor Pool	√							1
Lighted Fields			√	√	√	√	√	5
Maintenance of Facilities / Fields				√	√	√		3
Historical / Nature Interpretive Facility				√				1
Open Space				√				1
Parking				√		√		2
Restrooms	√			√	√	√		4
Shade in Parks					√	√		2
Sports Fields	√	√				√		3
Softball Fields		√				√		2
Skate Park				√				1
Spray Park					√			1
Swimming Pools	√					√		2
Sports Complex (lighted, w/ synthetic turf)			√	√		√	√	4
Tennis Courts	√		√					2
Trails, Walking, Jogging, Bicycling	√	√	√	√	√		√	6

3.9.2 Program Needs Summary

Exhibit 3.9-2 is also based on qualitative and quantitative data collected during the Master Plan process. This Exhibit shows that there are limited gaps in programming and staff has responded well to meeting the program interests of the community. However, it is timely to review programs offerings; reduce duplication, focus on core programs, and strengthen existing program offerings to respond to changing demographics and recreation preferences. As the community demographics are constantly changing, ensuring programs are convenient and affordable for residents will demand staff's continual attention and District resources.

Top priority needs from the input process are:

- a) Arts & Crafts
- b) Activities/Programs for Seniors
- c) Activities / Programs for Youth/Teens, Activities / Programs for Disabled individuals, Fitness Classes, Nature / Science Programs, Personal Development Classes

Exhibit 3.9-2 Program/Services Needs Summary

LARPD Programs/Services Needs Summary	QUANTITATIVE					Total # of Tools that Identified Need
	Resident Telephone Survey	Stakeholder / Key Informant Interviews	Community Workshop	Focus Groups	Recreation Trend Analysis by RJM Design Group	
Identified Recreation Service Need						
Activities / Programs for Seniors			√	√	√	3
Activities / Programs for Youth/Teens			√		√	2
Activities / Programs for Developmentally Disabled			√		√	2
Arts & Crafts	√	√			√	3
Child Care (before & after school care)		√				1
Cooking Classes				√		1
Enrichment Classes				√		1
Fitness Classes				√	√	2
Healthy Living Educational Programs					√	1
Nature / Science Programs				√	√	2
Personal Development Classes	√				√	2
Reading / Writing / Language Programs	√					1
Scholarship Programs for Kids			√			1
Swimming Programs					√	1
Technology Programs			√			1
Unstructured Play Opportunities			√			1
Yoga	√				√	1

Recreation Facility Requirements

As shown in exhibit 3.9.3 below, the demand for certain recreation facilities is calculated based upon participation rates as determined from the telephone survey. The figures shown in Facility Demand Need Ratio for LARPD for each of the selected activities is also determined based upon current and future population figures. The total facility demand is compared to the existing facility inventory which results in a surplus or deficit.

Of the twelve (12) activities surveyed, ten (10) were identified as meeting needs or having a current surplus of facilities. The remainder (youth softball, and soccer) show current deficits (see Exhibit 3.9-3).

Exhibit 3.9-3: Current Facility Needs (2016)

Facility	Facility Need Ratio for LARPD	2015 Needs	Existing District Facilities	School Facilities*	Total Facilities Available	Total Surplus/Deficit
Softball Fields, Youth	1/13,050 pop.	7	4	2	6	-1
Softball Fields, Adult	1/26,950 pop.	3.4	3	0	3	-.4
Baseball Fields, Youth	1/5,850 pop.	16	9	9	18	2
Soccer/Sports Fields, Youth***	1/3,950 pop.	23	20**	4	24	1
Swimming Pools	1/25,050 pop.	3.7	4	1	5	1.3
Indoor Volleyball Courts	1/81,500 pop.	1	1	0	1	0
Indoor Basketball Courts	1/39,300 pop.	2.3	2	2	4	1.7
Walking/Jogging Paths (mi.)	1/3,800 pop.	24	31.5	0	31.5	7.5
Bicycle Paths (mi.)	1/3,250 pop.	28	31.5	0	31.5	3.5
Picnic Tables	1/938 pop.	99	205	0	205	106
Tot Lots/Playgrounds	1/5,800 pop.	16.5	28	0	28	11.5
Passive Open Space	1/450 pop.	203	1404	0	1404	1201

Notes:

*School facilities other than ball fields/courts are counted at 50 percent to allow for time not available to the public unless special joint-use agreement provides full availability during higher demand time periods.

**There is one field at Hagemann Park that is split into 2 fields to accommodate games for 4 and 5 year olds. It is only credited as one field in this analysis.

***Adjusted to account for multiple sports of lacrosse, football and rugby use on sports fields

Note: Demand based upon current LARPD population estimate of 92,705

Source: Coman Consulting, Inc., based upon data from California State Department of Parks and Recreation and the Livermore Area Recreation Needs Assessment Telephone Survey, January 2014.

Exhibit 3.9-4 Future Facility Needs (2035)

Facility	Facility Need Ratio for LARPD	2035 Needs	Existing District Facilities	School Facilities*	Total Facilities Available	Total Surplus/Deficit
Softball Fields, Youth	1/13,050 pop.	9	4	2	6	-3
Softball Fields, Adult	1/24,100 pop.	5	3	0	3	-2
Baseball Fields, Youth	1/6,400 pop.	19	9	9	18	-1
Soccer/Sports Fields, Youth***	1/3,950 pop.	30	20**	4	24	-6
Swimming Pools	1/25,700 pop.	4.4	4	1	5	-.6
Indoor Volleyball Courts	1/81,500 pop.	1.5	1	0	1	-0.5
Indoor Basketball Courts	1/39,500 pop.	3	2	2	4	1
Walking/Jogging Paths	1/3,700 pop.	33	31.5	0	31.5	-1.5
Bicycle Paths	1/3,250 pop.	37	31.5	0	31.5	-5.5
Picnic Tables	1/928 pop.	131	205	0	205	73
Tot Lots/Playgrounds	1/5,800 pop.	21	28	0	28	7
Passive Open Space	1/450 pop.	270	1404	0	1404	1134

Notes:

*School facilities other than ball fields/courts are counted at 50 percent to allow for time not available to the public unless special joint-use agreement provides full availability during regular demand time slots

**There is one field at Hagemann Park that is split into 2 fields to accommodate games for 4 and 5 year olds. It is only credited as one field in this analysis.

***Adjusted to account for multiple sports of lacrosse, football and rugby use on soccer fields

Note: Demand based upon 2035 projected LARPD population estimate of 112,417 from ABAG

Source: Coman Consulting, Inc., based upon data from California State Department of Parks and Recreation and the Livermore Area Recreation Needs Assessment Telephone Survey, January 2014.

Similar calculations were carried out to determine the demand levels at build-out of the District, when the District will reach a projected population of 112,417. Adjustments were made to some of the participation rates for the build-out projection based on the trends in the demographic profile of the District. Deficits will increase (see Exhibit 3.9-6) as the population grows to ultimate build-out unless facilities are added. The largest cumulative deficit numbers at build-out are anticipated as follows (in alphabetical order):

- Baseball Field
- Trails (multi-use walking and bicycle paths) (5.5 miles)
- Multi-Use Sports Fields
- Softball Fields, Adult (2)

3.9.3 Service Area Analysis

In addition to providing appropriate quantities and types of recreation facilities, the District strives to provide them in useful and appropriate locations. Service Area Analysis was conducted with respect to all District parks.

Proximity to parks is more than a convenience issue. It helps to establish an excellent Districtwide park system by providing improved air quality, circulation, social opportunities, community identity, and community health benefits. Proximity to park land is one of the elements identified as predicting healthy levels of physical activity in the community, and a survey of U.S. adults finds that people with access to neighborhood parks were nearly twice as likely to be physically active as those without access to parks.

Further, 43% of people with safe places to walk within ten minutes of home met recommended activity levels, while just 27% of those without safe places to walk were active enough to meet recommended activity levels (activelivingbydesign.org, Land Use Fact Sheet).

One-half mile is approximately a 20-minute walk for most people. It is generally considered a significant threshold in distance, beyond which some segments of the population will tend to decline walking opportunities. Therefore, most residences should be within one-half mile, a convenient walkable distance for most people, of a neighborhood park or other park that may satisfy common recreation needs. This one-half mile radius around parks and recreational facilities is defined as a neighborhood park “service area”. This service area emphasis is key in a community in which families, neighborhoods, and active living are central issues. The service radius for community parks is one mile because many park users will be riding bicycles or be driven to activities in these parks, and the acceptable travel time is less than 20 minutes by these faster modes of transportation.

To analyze the extent to which the distribution of existing LARPD facilities is appropriate, a service area radius map is provided (see Exhibit 3.3-3). Service area radii are generated with the park location as the central radius point. Geographical or other physical obstructions should be considered in analysis of actual service area, so service area shapes are not necessarily full circle but may be truncated to reflect a major barrier, such as an arterial roadway. When areas zoned for residential use fall outside graphic service area designations, it can be said that the area may be underserved by the existing parks.

The service area analysis demonstrates that there appears to be adequate coverage across the District’s residential areas with the current parks provided in the neighborhood park category. Community park service radius coverage indicates that in the future, North Livermore should be considered for an additional park site, due to service gaps for this park category.

Gaps in service can be addressed by adding a new facility, expanding existing facilities, or by making available an existing facility, such as a school, that has not been previously available for recreation.

3.9.4 Acreage Analysis

LARPD strives to provide two (2) acres of neighborhood park land per thousand residents, two (2) acres of community park land, and two (2) acres of Special Use Facilities / park land per thousand residents.

This policy raises several questions: Are the District park lands at or above the acreage service requirements? If not, how many more acres are needed now and in the future to keep pace with growth? Are the minimum goals enough park land to accommodate all identified future recreation demands? The following discussion addresses these questions, examining the issue of park land acreage

from two standpoints: 1) overall District-wide acreage needs as compared to the park land acreage standard and 2) acreage needs as calculated based on identified recreation facility needs.

District-Wide Park Land Acreage Based on Acreage Standard

In general, a park land acreage standard is the ratio upon which development fees and/or dedications can be based. Establishment of a standard creates an obligation to fund improvements that achieve the standard throughout the District.

Establishment of a standard does not in and of itself limit the District in the acceptance of negotiated fees or property as conditions of approval for future development.

On the other hand, a park land acreage goal can be higher than the standard, reflecting a community’s desire or need for additional park land. A District’s acreage goal represents a self-imposed target that provides a planning guideline without a formal commitment to fund achievement of the goal.

Exhibit 3.9-5: Acreage Goal and Quantities

Year	Population	Park Category	Acres demanded	Existing District Parkland*	Surplus or (-) Deficit***
2015	92,705	Neighborhood	185.41	153.31	- 32.10
		Community	185.41	152.40	- 33.01
		Special Use	185.41	199.02	13.61
2035	112,417**	Neighborhood	224.83	153.31	- 71.52
		Community	224.83	152.40	- 72.43
		Special Use	224.83	199.02	- 25.81
*See Exhibit 3.3-2 **Approximate anticipated build out population. Sources: ABAG, LAFCO & City of Livermore ***Represents deficit if no new park land is added					

So, how do current park land quantities compare to the two/two/two per 1,000 population standard? The following points are worth noting:

- The District currently provides adequate acreages of special use parks/facilities
- The current acreage shortfall for neighborhood parks is 32.10 acres
- The current deficit for community park acreage is roughly the equivalent of one park site at 33.01 acres
- School grounds are not credited in the acreage totals of this Master Plan
- Facilities and populations outside the District area not included in this analysis
- The facility needs analysis tables 3.9-3 and 3.9-4 identify a number of specific recreation facilities that are currently needed, so future planning should focus on locating these amenities in the acreages shown in the above table

Parkland Acreage Needed to Accommodate Identified Current Facility Needs

Based upon the facility needs requirements (See Exhibit 3.9-3 and 3.9-4) the District has current needs for baseball fields, softball fields, and multi-sports fields. The future acreage requirement just for these recreational activities is summarized in Exhibit 3.9-6 below and includes parking and service requirements.

Exhibit 3.9-6: Acreage Analysis Based on Current Recreation Elements Needed

Activity	Quantity Needed	Size (acres)	Acreage Needed
Sports Fields	2	3	6 acres
TOTAL			6 acres

The sum of six acres is an approximate figure representing a need to add acreage and/or utilize existing underutilized acreage in order to satisfy known recreation element needs. This number is compared to the acreage deficit generated by adherence to the District’s standards of two/two/two per 1,000 residents.

It should be noted that this acreage analysis does not include quantification of open areas within a park that should be accounted for in the planning, at roughly two times the raw facility count, resulting in an estimated 12 acre allowance for overall park development. To meet the projected needs, it is recommended that the District plan for a multi-sport complex constructed to accommodate the above facility requirements.

Parkland Acreage Needed to Accommodate Future Identified Facility Needs

The District has future needs for baseball fields, softball fields, sports fields and trails. The future acreage requirement just for these recreational activities is summarized in Exhibit 3.9-7 below and includes parking and service requirements.

Exhibit 3.9-7: Acreage Analysis Based on Future Anticipated Recreation Elements Needed

Activity	Quantity Needed	Size (acres)	Acreage Needed
Sports Fields	12	3	36 acres
Trails	5.5 mi.	3 ac/mi.	19.5 acres
TOTAL			55.5 acres

The sum of 55.5 acres (cumulative of current plus future needs) is an approximate figure representing a need to add acreage and/or utilize existing underutilized acreage in order to satisfy known recreation element needs. This number is compared to the acreage deficit generated by adherence to the District’s standards of two/two/two per 1,000 residents.

It should be noted that this acreage analysis does not include quantification of open areas within a park that should be accounted for in the planning, at roughly 2 times the raw facility acreage demand count, resulting in an estimated 111 acre allowance for overall park development. To meet the needs it is recommended that the District plan for a multi-phase sports complex or two geographically distributed multi-sport complexes to be constructed in phases to accommodate the above facility requirements as the population of the District increases.

3.9.5 Trends and Implications Analysis

A trends analysis is found within the accompanying report on LARPD recreation programming (Appendix D). The report reviews current literature and studies on social and recreational trends and discusses the potential impact on LARPD. Needs pertaining to recreation facilities include:

- “Intergenerational” facilities that address needs of all of the District’s population regardless of age
- Facilities that support programs and provide positive, safe, and secure recreational alternatives
- Facilities that support programs and activities, promote personal connections, and allow the community to highlight and share their diverse backgrounds
- Neighborhood parks that allow for increased community connectedness
- Facilities, such as neighborhood parks, that conveniently support healthy lifestyles
- Facilities that support increased multi-cultural family arts events
- Facilities in which children can experience and appreciate nature and open space

3.9.6 Recreation Trails

District residents value the trail system very highly across all the community input tools utilized in this Master Plan. This priority recreation activity has been documented in the past, and LARPD has focused energy to collaborate with EBRPD, the City of Livermore, and neighboring communities to construct trail segments, on- and off-road bicycle trails, equestrian facilities, and multi-use trails. The current trail system is far reaching and balanced in terms of serving the neighborhoods of the District, but there are a few gaps in the system that prevent complete connectivity. The focus on the next few years of trail development should be prioritization of completing; if possible; the gaps first, then making extensions to reach farther destinations. The map shown on Exhibit 3.9-8 provides an inventory of the constructed trails and the proposed future segments to complete the system. Trail diagrams follow the map and provide greater detail of the segments. The following list identifies the priority segments.

1. South Livermore Valley Trail – T10
2. Arroyo Los Positos Trail – T6
3. Isabel Trail – T5
4. Iron Horse Trail – T16
5. Altamont Creek Trail – T4
6. College Trail – T3
7. Shadow Cliffs to Del Valle Regional Trail – T11
8. Jack London Trail – T14
9. Brushy Peak to Los Vaqueros Trail – T22

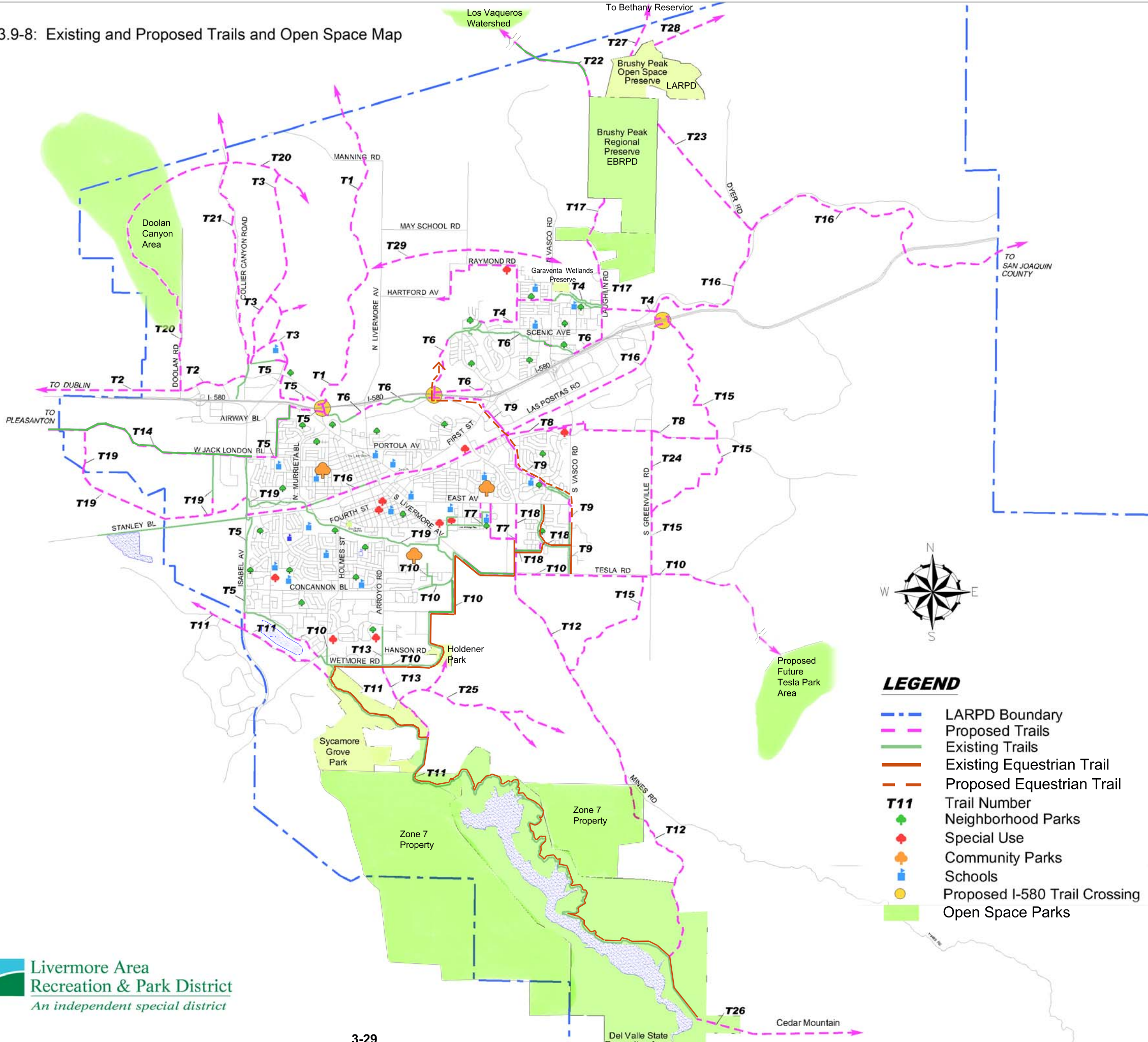
The City of Livermore Bikeways and Trails Master Plan, adopted in 2001, provides in depth analysis and evaluation of the comprehensive off-road trail and on-road bike path/lane system. Some segments have been constructed by LARPD, EBRPD, and the City of Livermore in the past twelve years since its adoption, but because of costs to construct and maintain miles of improved trails, the progress has been slowed due to lack of funding. In future years, the District may substitute the City of Livermore’s proposed Active Transportation Plan in place of the Bikeways and Trails Master Plan. The following pages provide detailed maps, comprehensive construction estimates for the long range multi-agency

budget planning, and diagrams of the trail segments for the entire system. The cost estimates were originally provided in 2002, and have been increased 15% to account for the 13 years of cost fluctuation since then. In the future, as with all estimates, it is advisable to analyze and adjust the estimates accordingly at least every five years to help budgeting keep pace with fluctuating costs for land acquisition and construction.

LARPD works with the City of Livermore and EBRPD to operate and maintain trail facilities for the benefit of area residents. Because of the collaborative history of each entity developing trails adjacent to park sites and other properties that have varying ownerships, the resulting maintenance responsibility diagram functions much like a patchwork quilt and can be very confusing in the field, where boundaries are not marked on the ground in any way. It may be productive to develop a comprehensive strategy and collaborate with the City and EBRPD to discuss organizing maintenance areas so that entire trails could be maintained by a single entity. The result would be a mutually beneficial simplicity of the responsibilities, and the public would reap a long-term financial benefit from a simplified solution. Exhibit 3.9-9, the Trails Master Property Maintenance Agreement, is attached at the end of this chapter for reference.

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Exhibit 3.9-8: Existing and Proposed Trails and Open Space Map



- Trail Name/Number**
- T1 Cayetano Creek Trail
 - T2 North Canyons Parkway Trail
 - T3 College Trail
 - T4 Altamont Creek Trail
 - T5 Isabel Trail
 - T6 Arroyo Las Positas Trail
 - T7 Civic Center Trail
 - T8 Patterson Pass Trail
 - T9 Arroyo Seco Trail
 - T10 South Livermore Valley Trail
 - T11 Shadow Cliffs to del Valle Regional Trail
 - T12 Mines Road Trail
 - T13 Arroyo Road Trail
 - T14 Jack London Trail
 - T15 South Bay Aqueduct Trail
 - T16 Iron Horse Trail
 - T17 Laughlin Road Trail
 - T18 Dunsmuir Trail
 - T19 Arroyo Mocho/El Charro Road Trail
 - T20 Doolan Canyon Trail
 - T21 Collier Canyon Trail
 - T22 Brushy Peak to Los Vaqueros Trail
 - T23 Brushy Peak Connector Trail
 - T24 Greenville Road Trail
 - T25 Dry Creek Trail
 - T26 Cedar Mountain Trail
 - T27 Brushy Peak to Brentwood Trail
 - T28 Brushy Peak to Bethany Reservoir Trail
 - T29 North Livermore Connector Trail



- LEGEND**
- LARPD Boundary
 - Proposed Trails
 - Existing Trails
 - Existing Equestrian Trail
 - Proposed Equestrian Trail
 - T11** Trail Number
 - Neighborhood Parks
 - Special Use
 - Community Parks
 - Schools
 - Proposed I-580 Trail Crossing
 - Open Space Parks

**LIVERMORE AREA
RECREATION AND PARK DISTRICT**

**PARKS, RECREATION AND TRAILS
MASTER PLAN**

**EXISTING AND PROPOSED TRAILS
AND OPEN SPACE MAP**

JUNE, 2016
RJM DESIGN GROUP, INC.






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Cayetano Creek Trail - T1



- LEGEND**
-  Existing Trail Segment
 -  Proposed Trail Segment
 -  LARPD Boundary



Cayetano Creek Trail – T1

Status: Proposed trail

Location: In northwest Livermore, north of I-580, west of North Livermore Avenue. It generally follows a north-south direction parallel to Cayetano Creek.

Trail Classification: Multi-Use Paved with Equestrian Component

Length: 5 miles

Cost Estimate: \$5,900,000

Trail Connections: Isabel Trail (T5)

Purpose/Significance: This trail provides scenic value and recreation opportunities through North Livermore in Alameda County; and provides a connection into Contra Costa County to Morgan Territory.

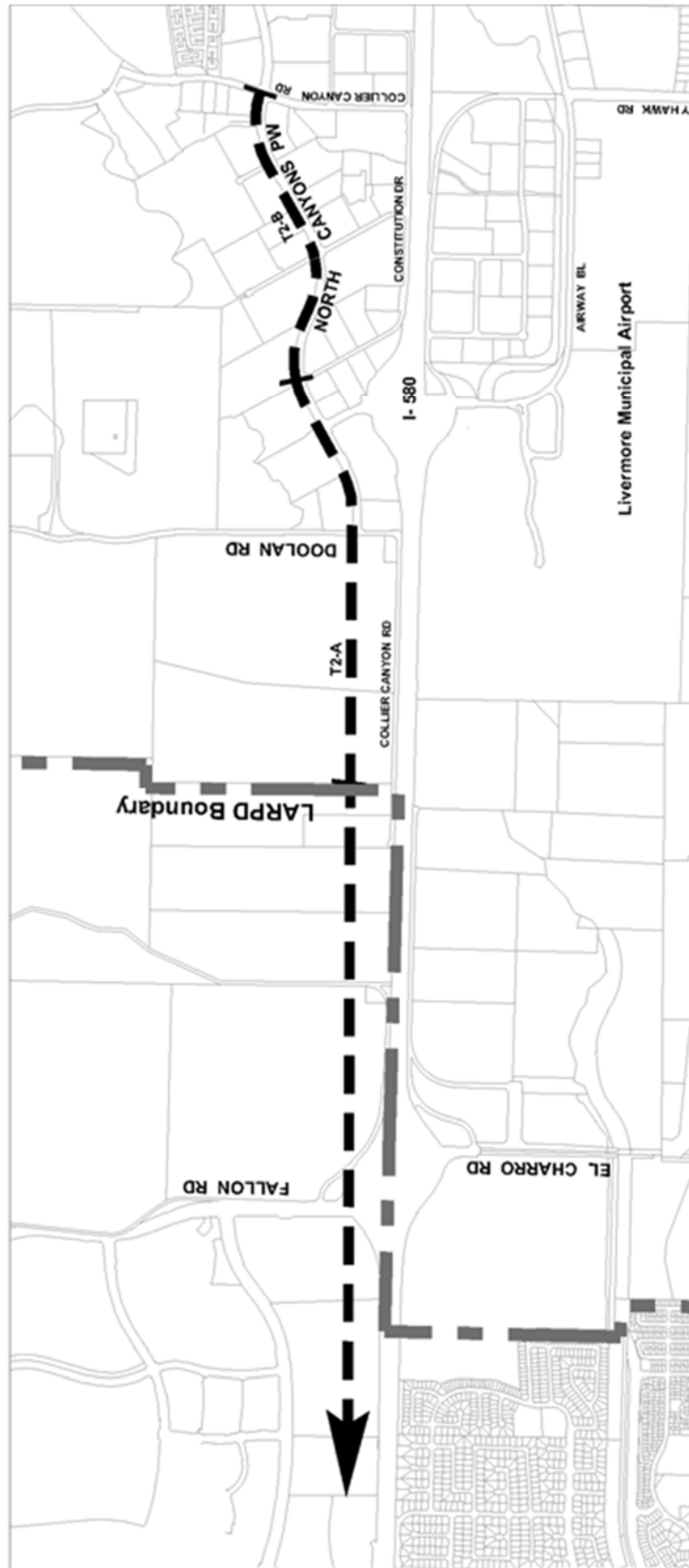
Trail Alignment: The proposed trail would begin just north of I-580 where the Isabel Trail (T5) veers south and crosses under I-580. The trail would run primarily in a north/south direction adjacent to Cayetano Creek. Another possible alignment would be along North Livermore Avenue. The trail is proposed to continue into Contra Costa County and eventually to Morgan Territory.

Additional Information: The majority of this proposed trail is located in Alameda County outside the Livermore city limit line, and urban growth boundary. The trail traverses multiple privately owned parcels with agriculture zoning designations. Because of this, communication/negotiation with multiple property owners will be necessary for successful implementation. Coordination with East Bay Regional Park District and Zone 7 is essential.

Cost Estimates:

Proposed Trail Segments/Trail Types	T1	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved with EQ	\$4,200,000	\$4,200,000	\$1,700,000	\$5,900,000

North Canyons Parkway Trail - T2



- LEGEND**
-  Existing Trail Segment
 -  Proposed Trail Segment
 -  LARPD Boundary



North Canyons Parkway Trail – T2

Status: Proposed trail

Location: In northwest Livermore, it generally follows parallel to North Canyons Parkway.

Trail Classification: Multi-Use Paved

Length: 1.6 miles

Cost Estimate: \$1,900,000

Trail Connections: Doolan Canyon Trail (T20), Collier Canyon Trail (T21)

Purpose/Significance: This trail runs in an east-west direction and provides a connection between the cities of Dublin and Livermore.

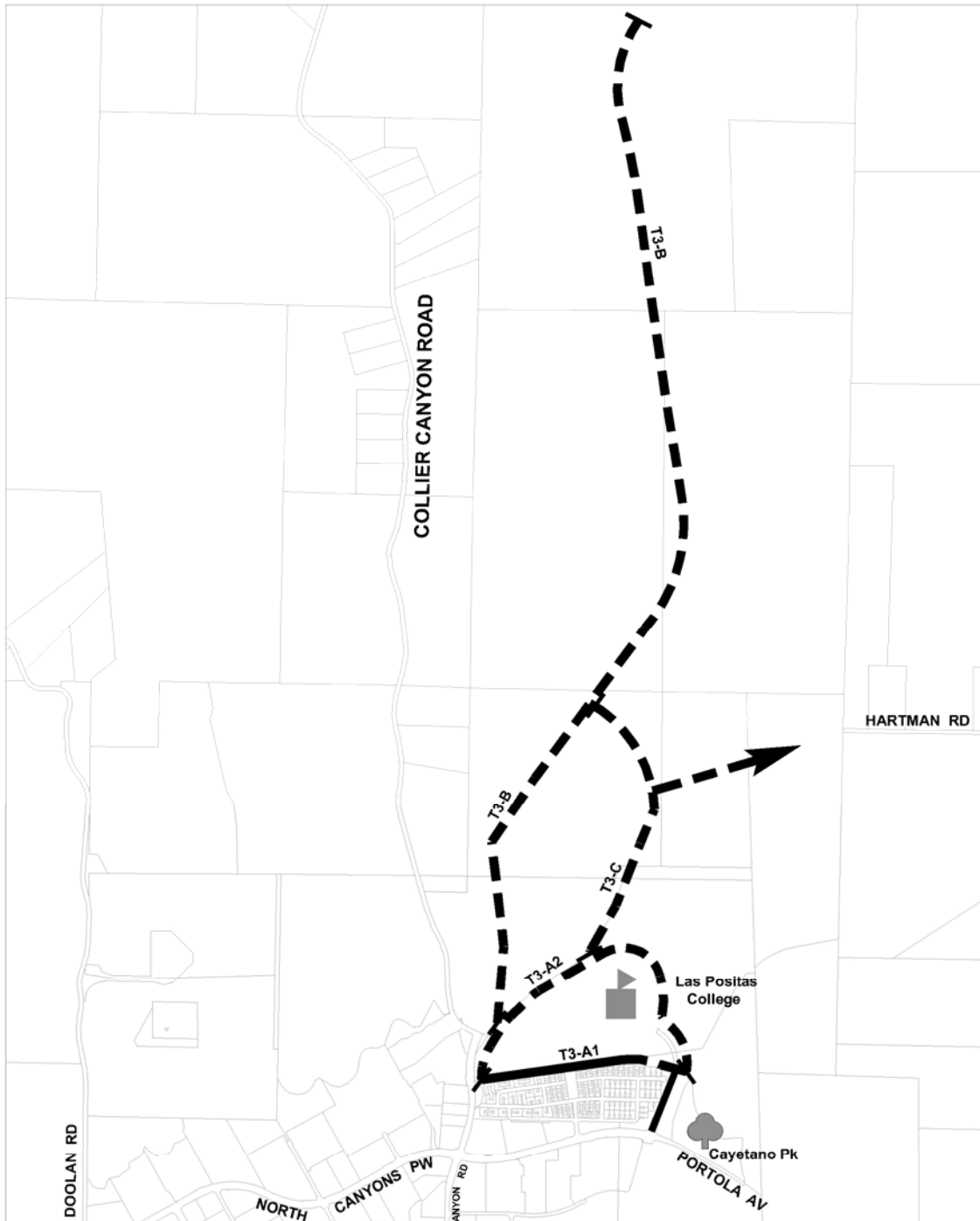
Trail Alignment: A – The proposed trail would begin near the future Dublin Boulevard Extension and extend parallel to and on the north side of North Canyons Parkway. B – There is an existing wide sidewalk along North Canyons Parkway between Constitution Drive and Collier Canyon Road. This sidewalk should be improved to multi-use trail standards.

Additional Information: Coordination with the Cities of Livermore and Dublin is necessary.

Cost Estimates:

Proposed Trail Segments/Trail Types	A	B	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$800,000	\$600,000	\$1,400,000	\$500,000	\$1,900,000

College Trail - T3



- LEGEND
- Existing Trail Segment
 - Proposed Trail Segment
 - LARPD Boundary



College Trail – T3

Status: Existing trail with extensions proposed

Location: In northwest Livermore, it loops around Las Positas College with segments to the north.

Trail Classification: Multi-Use Paved and Multi-Use Unpaved

Length: 5.03 miles

Cost Estimate: \$2,980,000

Trail Connections: Isabel Trail (T5), Doolan Canyon Trail (T20), Collier Canyon Trail (T21)

Purpose/Significance: This trail provides off-street circulation around Las Positas Junior College. Segments B and C extending north from Perimeter Road provide recreation opportunities and scenic vistas along ridgelines in Northern Alameda County.

Trail Alignment: A1 – Existing trail along the southern edge of Las Positas College. A short section of trail will be needed to connect with the Isabel Trail (T5) and thus complete the loop around the college.

A2 – Proposed extension around Las Positas College adjacent to Perimeter Road.

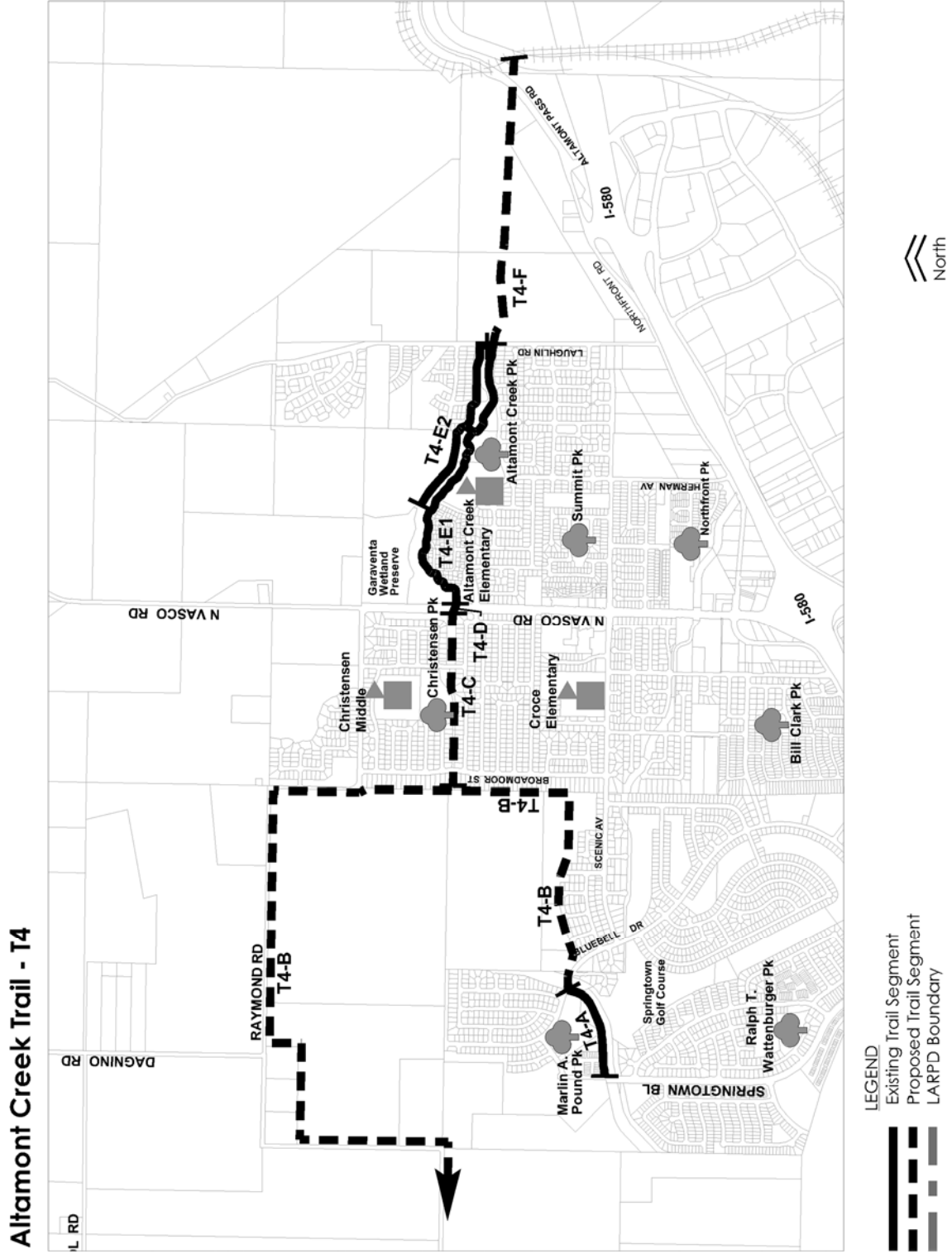
B – Proposed segment extends from Perimeter Road (near Collier Canyon Road) along a series of ridges to Doolan Canyon Trail (T20).

C – Proposed connector trail heads north from the northern portion of Perimeter Road to form a loop with segment B. Possible spur trail could be built to Hartman Road, providing a possible connection to other proposed North Livermore trails.

Additional Information: Consultation and planning with Las Positas College is necessary for the loop trail proposed adjacent to Perimeter Road. Segments B and C north of the college most likely will be single track due to terrain. The northern portion of the proposed trail is located in Alameda County outside the Livermore city limit line and urban growth boundary. This trail traverses multiple privately owned parcels with agriculture zoning designations. Because of this, communication/negotiation with multiple property owners will be necessary for successful implementation.

Cost Estimates:

Proposed Trail Segments/ Trail Types	A1	A2	B	C	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$150,000	\$900,000					
Multi-Use Unpaved			\$900,000	\$230,000	\$2,180,000	\$800,000	\$2,980,000



Altamont Creek Trail – T4

Status: Existing trail with gap closures and extensions proposed

Location: In northeast Livermore, it generally follows an east-west direction parallel to the Altamont Creek from the Iron Horse Trail west to the Arroyo Las Positas Trail.

Trail Classification: Multi-Use Paved

Length: 5.93 miles

Cost Estimate: \$5,940,000

Trail Connections: Arroyo Las Positas Trail (T6), Iron Horse Trail (T16), Laughlin Road Trail (T17)

Purpose/Significance: This trail provides connectivity through the residential areas in northeast Livermore to schools and LARPD facilities including Christensen Park, Altamont Creek Park, and Marlin A. Pound Park.

Trail Alignment:

B - This potential trail alignment would continue east from Bluebell Drive following the northern border of existing residences and then northward along the western border of the existing residential development to connect to Broadmoor Street. The proposed trail could then continue north to Raymond Road, west to Lorraine, south to Hartford, and connect to the North Livermore trail system.

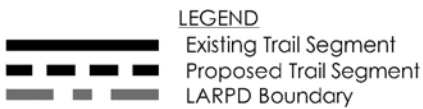
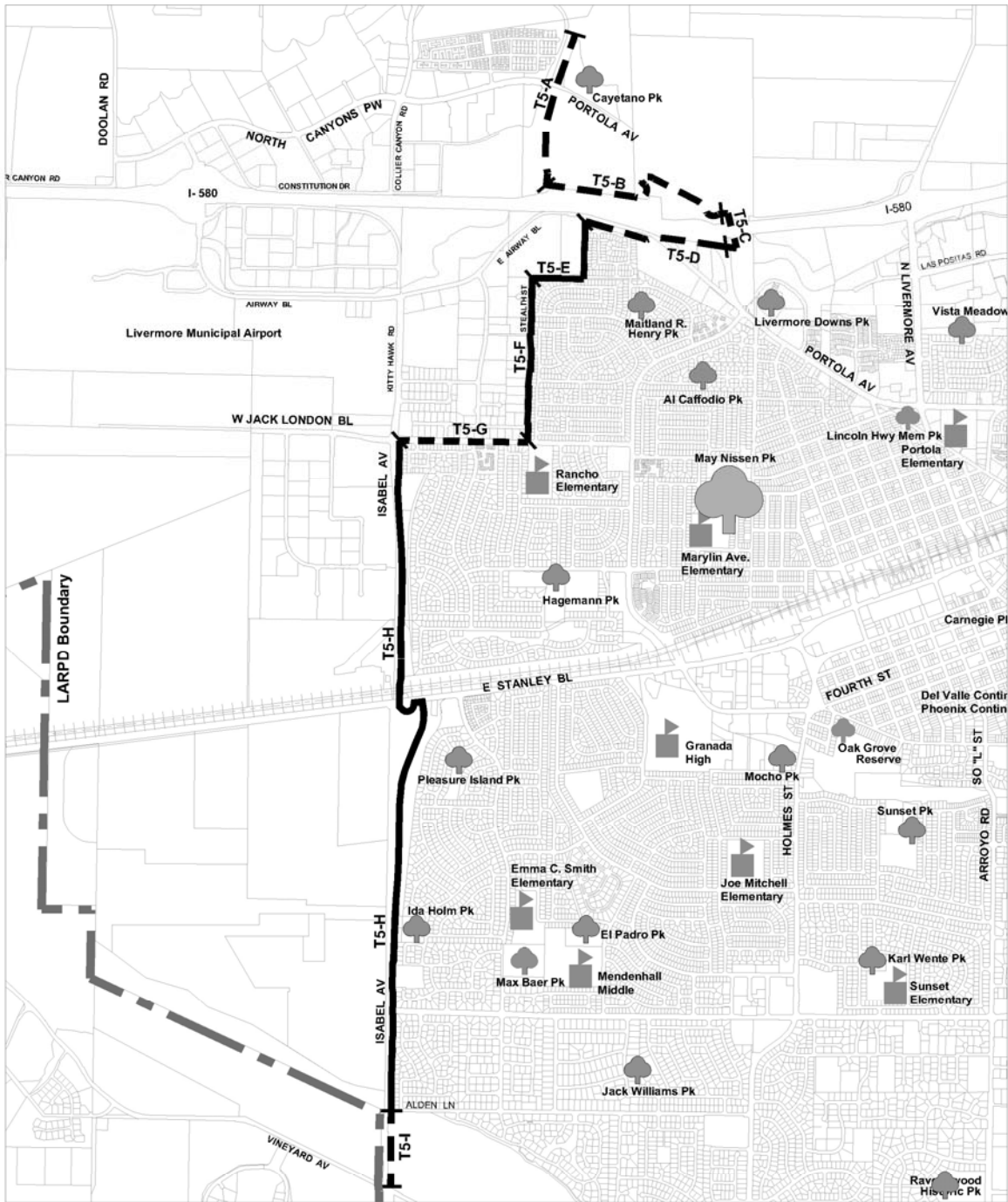
C - From Broadmoor, the proposed trail would continue east by converting the existing concrete channel into a culvert and creating a greenway with a multi-use trail. This trail would connect to the Christenson Middle School and Christensen Neighborhood Park. From the park, the trail would continue along an existing Zone 7 access road to Vasco Road.

F - East of Laughlin Road, the trail is proposed to continue east along Altamont Creek to connect with the proposed Iron Horse Trail.

Cost Estimates:

Proposed Trail Segments/ Trail Types	B	C	F	Culvert or Canti-lever	Total Construc-tion Estimate	Contin-gency	TOTAL Estimated Cost
Multi-Use Paved	\$2,500,000	\$380,000	\$700,000	\$660,000	\$4,240,000	\$1,700,000	\$5,940,000

Isabel Trail - T5



Isabel Trail – T5

Status: Existing trail with extensions proposed

Location: In west Livermore, it generally follows a north-south direction parallel to Isabel Avenue.

Trail Classification: Multi-Use Paved with Equestrian Component

Length: 6.13 miles

Cost Estimate: \$1,140,000

Trail Connections: Cayetano Creek Trail (T1), College Trail (T3), Arroyo Las Positas Trail (T06), South Livermore Valley Trail (T10), Shadow Cliffs to Arroyo del Valle Regional Trail (T11), Jack London Trail (T14), Iron Horse Trail (T16), Arroyo Mocho Trail (T19).

Purpose/Significance:

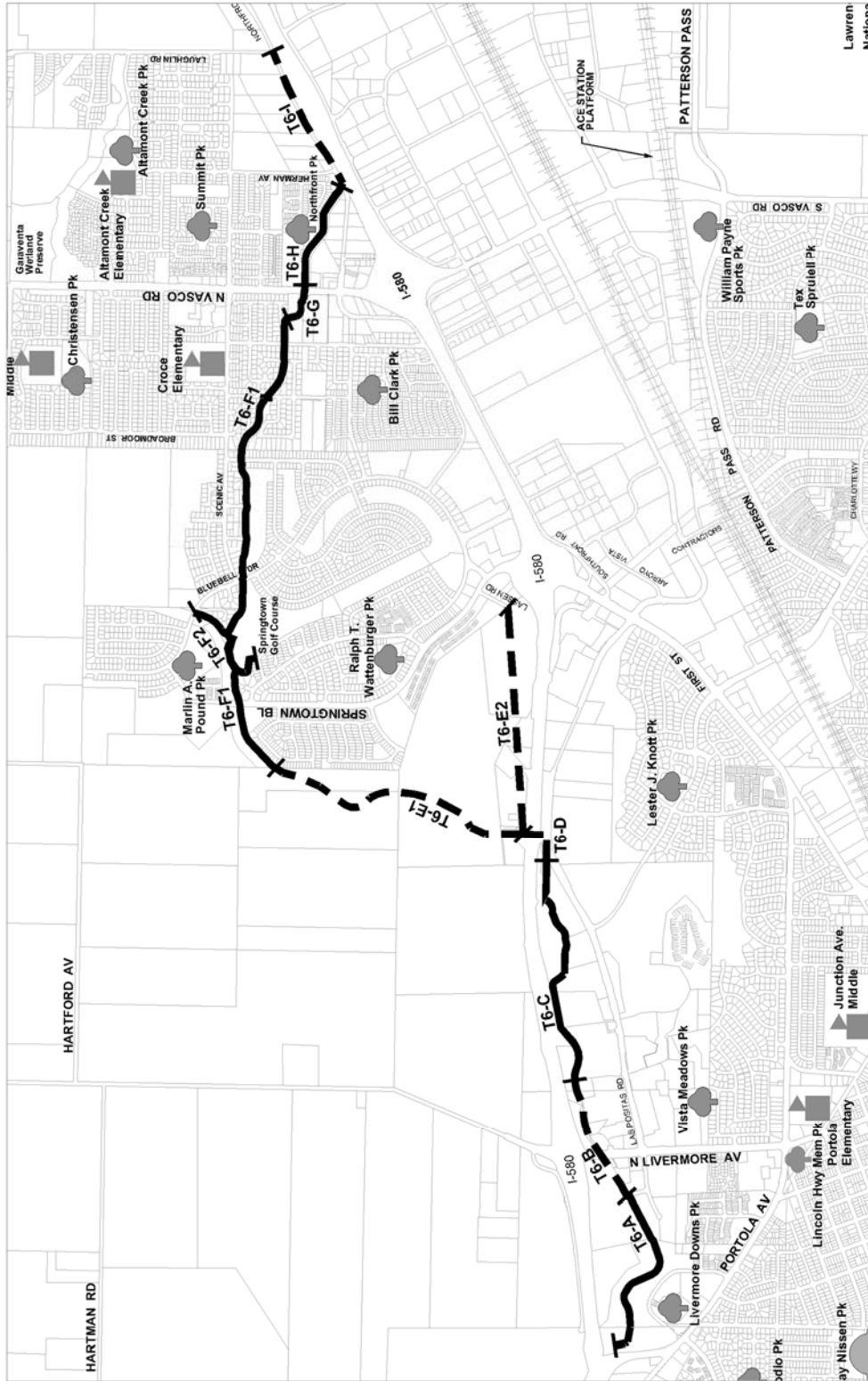
This trail provides regional connectivity from residential areas and park facilities in South Livermore to Las Positas College and employment centers in the North Canyons Parkway area. The trail will provide a safe and separated undercrossing at I-580 allowing access between the residential areas south of I-580 and education and employment centers north of I-580.

Trail Alignment: A - The Isabel Trail is proposed to begin at the intersection of the Las Positas College Perimeter Road and Campus Hill Drive. It would continue south parallel to Isabel Avenue. This trail segment is part of the Shea Sage development project and has been designed and the construction documents are currently being reviewed; the project cost estimate is not included below. B – The proposed trail turns east, roughly following the Las Positas creek, to the Portola Avenue extension. This segment is part of the Shea Sage development, and is not included in the cost estimate below. C –This portion of the proposed trail continues east under the Portola Avenue/I-580 overcrossing. The trail then turns south and crosses under I-580 following the Cayetano Creek channel. On the south side of I-580, the trail heads west back under the Portola Avenue. This segment is part of the Shea Sage development, and the cost estimate is not included below. D – The future proposed trail would continue west adjacent to I-580 until it connects with Airway Blvd. It will then continue along the north side of Airway Blvd. At a point to be determined in the future, it will cross Airway Blvd to connect to Sutter Street. E – The existing trail turns south at Sutter Street and then west along the north side of the existing residential development. F – Segment F is an existing trail paralleling Stealth Street south to Jack London Blvd. G – The proposed trail would continue west along Jack London Blvd to Isabel Avenue. The existing sidewalk would need to be upgraded to multi-use trail standards. H – Segment H is an existing portion of the trail that continues south from the southeast corner of Jack London Blvd and Isabel Avenue along the east side of Isabel Avenue to Alden Lane. I – The Isabel Trail is proposed to continue south from Alden Lane to Vineyard Avenue where it will connect with the Shadow Cliffs to Arroyo del Valle Regional Trail (T11). Extending this segment of the trail would include widening the Isabel Avenue Bridge over the Arroyo del Valle. Caltrans is planning to construct this segment as part of the State Route 84 widening project, therefore the cost is not included below.

Cost Estimates:

Proposed Segments/Types	D	G	Total Construction Estimate	Contingency	TOTAL Estimated Cost
MU Paved with EQ	\$420,000	\$370,000	\$790,000	\$350,000	\$1,140,000

Arroyo Las Positas Trail - T6



Arroyo Las Positas Trail – T6

Status: Existing trail with gap closures and extensions proposed

Location: In northern Livermore, it generally follows an east-west direction parallel to Arroyo Las Positas.

Trail Classification: Multi-Use Paved and Multi-Use Paved with Equestrian Component

Priority: High

Length: 6.36 miles

Cost Estimate: \$3,220,000

Trail Connections: Altamont Creek Trail (T4), Isabel Trail (T5), Arroyo Seco Trail (T9), Laughlin Road Trail (T17)

Purpose/Significance: This trail provides connectivity through the residential areas in northeast Livermore (Springtown area) and a grade-separated crossing to the south side of I-580. It connects with the Isabel Trail (T5) which continues north-west to Las Positas College and to recreation trail facilities in north and south Livermore.

Trail Alignment: A – The Arroyo Las Positas Trail should begin at the Portola Avenue/I-580 overcrossing – a short extension of the existing trail is necessary to make this happen. The existing portion of the trail follows along the rear of the apartment complex on Paseo Laguna Seco and continues east on the south side of the Arroyo where it terminates about 1,000 feet west of North Livermore Avenue.

B – This segment would continue east along the Arroyo Las Positas to the signalized intersection of North Livermore Avenue at the Arroyo Plaza. Ultimately, the trail should be designed to cross under North Livermore Avenue following the arroyo. The trail would continue on the south side of the arroyo to an already constructed segment which begins at the property line between Walmart and Kohl’s.

E1 – The proposed trail would continue north from the I-580 overcrossing and connect to the existing trail at the north-west edge of the existing residential development. This trail segment would be constructed by the proposed Catholic High School development.

E2 – A spur trail is proposed parallel to I-580 from the Las Colinas/I-580 overcrossing east to Lassen Road. At this time it is unknown whether the trail will be located north or south of the Arroyo Seco.

F1 – This existing trail segment follows the north side of the arroyo from approximately the City boundary northeast of Ponderosa Drive through the Springtown Golf Course and existing residential development until about 500 feet west of Vasco Road (at Lobelia Way). Signage should be provided to indicate roadway and arroyo crossings.

G – This segment exists between Lobelia Way, and continues to a signalized at-grade crossing at Vasco Road

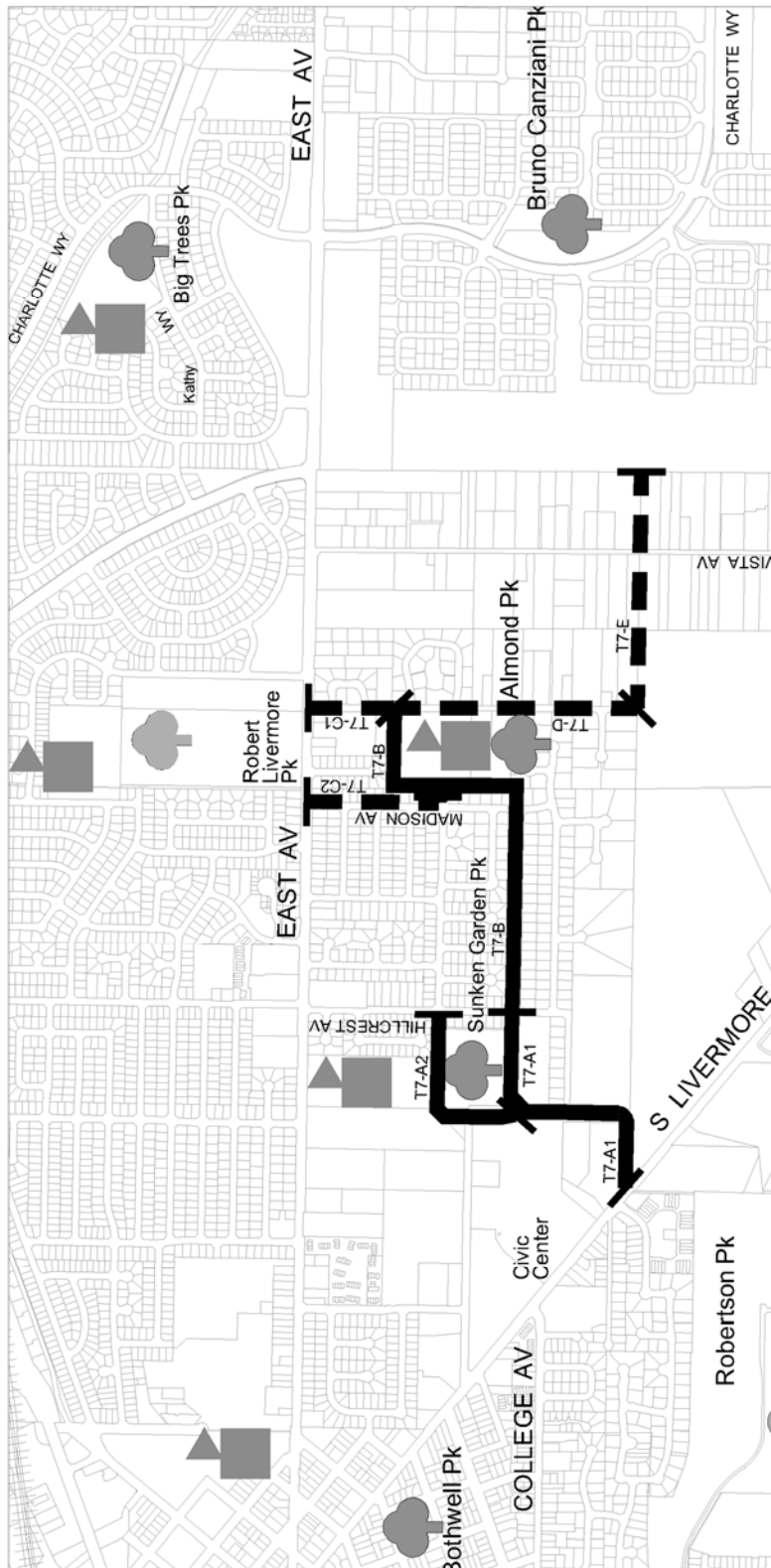
H – The existing trail crosses Vasco Road and continues east along Northfront Road, to a bridge over the Arroyo and connects to Northfront Road.

I – The proposed future trail would connect the end at the intersection of Northfront Road and Herman Avenue, follow Northfront Road to Laughlin Road, where it would connect to the Laughlin Road Trail.

Cost Estimates:

Proposed Segments/ Types	A	B	D	E1	E2	I	Total Construction Estimate	Contingency	TOTAL Estimated Cost
MU Paved with EQ	\$80,000	\$350,000	\$130,000	\$740,000	\$610,000	\$410,000	\$2,320,000	\$900,000	\$3,220,000

Civic Center Trail - T7



Civic Center Trail – T7

Status: Existing trail with extensions proposed

Location: In central Livermore, it generally follows an east-west direction near the Livermore Civic Center.

Trail Classification: Multi-Use Paved

Length: 1.0 miles

Cost Estimate: \$470,000

Trail Connections: Dunsmuir Trail (T18), Arroyo Mocho Trail (T19)

Purpose/Significance: This trail provides connectivity from the Robert Livermore Community Center and Park, to Almond Avenue Park, Sunken Gardens Park, East Avenue Middle School, and the Livermore Civic Center which contains the Police Department, City Hall and the Main Library. This trail also ultimately connects to the Arroyo Mocho Trail and recreation opportunities in Robertson Park.

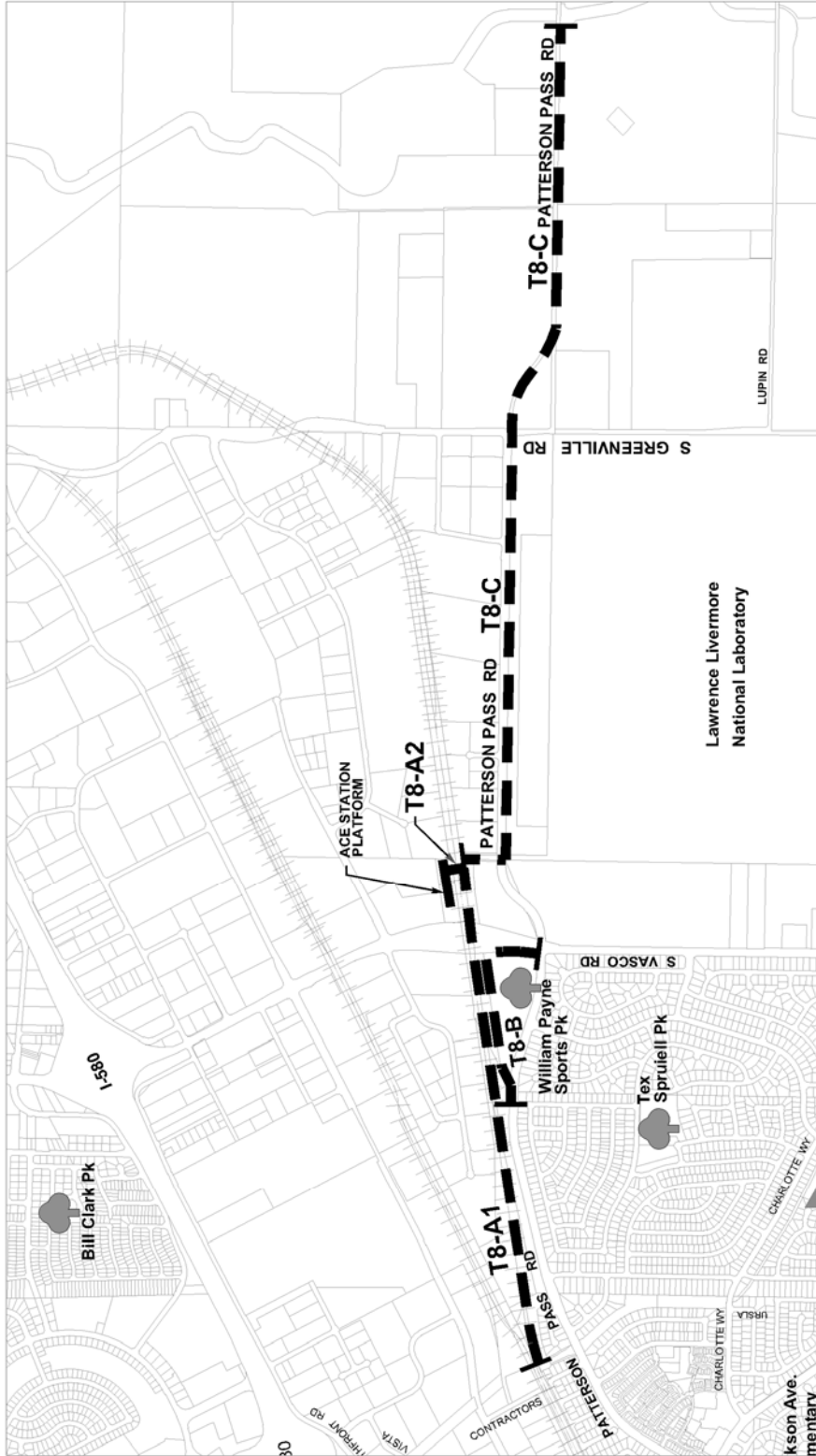
Trail Alignment: A1 – The existing trail begins where the Arroyo Mocho Trail ends at S. Livermore Avenue south of the Civic Center. The trail initially heads east and then veers north to the Sunken Gardens Park and then east again to Hillcrest Avenue. A2 – An existing spur trail extends from the northern boundary of the Sunken Gardens Park east to Hillcrest Avenue. B – This existing trail segment extends east from Hillcrest Avenue along the Quezaltenango Parkway parallel to Findlay Way. After crossing Madison Avenue, the trail continues north within Almond Park. At the northern limit of the Almond Avenue School property, the trail veers east and ends at Almond Avenue.

Additional Information: The future alignment of segment E is contingent on future development in Alameda County along Buena Vista Road. In the event that the existing development pattern in this area remains the same, then coordination with existing property owners would be necessary to establish a connection from Almond Avenue to the Dunsmuir trail.

Cost Estimates:

Proposed Trail Segments/Trail Types	A	B	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$90,000	\$265,300	\$310,000	\$160,000	\$470,000

Patterson Pass Trail - T8



Patterson Pass Trail – T8

Status: Proposed trail

Location: In east Livermore, it generally follows an east-west direction along the Las Positas flood channel, parallel to Patterson Pass Road.

Trail Classification: Multi-Use Paved

Length: 3.79 miles

Cost Estimate: \$5,182,000

Trail Connections: Arroyo Seco Trail (T9), South Bay Aqueduct Trail (T15), Iron Horse Trail (T16), Greenville Road Trail (T24).

Purpose/Significance: This trail provides connectivity between the residential area near Patterson Pass Road to the Vasco Road ACE Station, the William Payne Sports Park, and businesses on Patterson Pass Road. The Draft Iron Horse Trail Feasibility and Alignment Study includes this alignment as a possible future segment of the Iron Horse Trail.

Trail Alignment: A1 – The proposed trail would be constructed on an existing Zone 7 service road on the north side of the Las Positas Channel starting at the Arroyo Seco Channel. It would continue east to the Vasco Road Overcrossing, where it would continue under Vasco Road.

A2 – This is a spur of segment A which would provide connectivity between the trail and the ACE station/proposed Brisa residential neighborhood to the north. This spur includes tunneling under the railroad tracks to the ACE station.

B – A parallel trail is proposed on the south side of the Arroyo Las Positas channel on the existing Zone 7 service road starting near Shelley Street. This trail would continue eastward along the northern edge of the William Payne Sports Park to the east edge of the park, where it would veer south to the intersection of Vasco Road and Patterson Pass Road.

C – Just east of Vasco Road, the proposed trail continues south along the Zone 7 service road to Patterson Pass Road. The trail would cross Patterson Pass Road at an enhanced pedestrian crossing. It then continues eastward on the south side of Patterson Pass Road, in a wide landscape strip adjacent to the Lawrence Livermore Lab, to Greenville Road. East of Greenville Road, the trail continues to the South Bay Aqueduct.

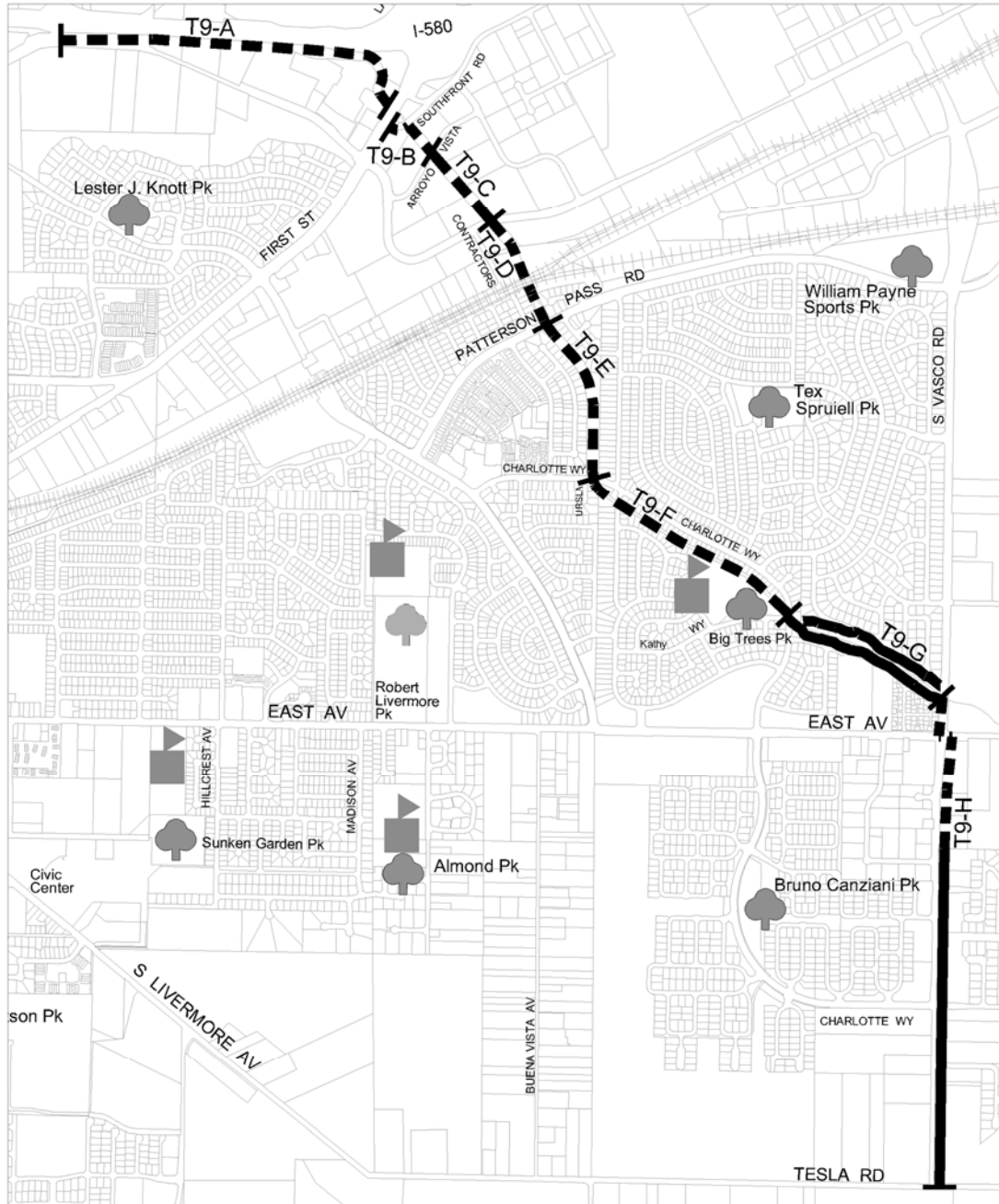
Additional Information:

Coordination with Zone 7 is essential to determine the most feasible alignment option for segment A (either north or south side of Arroyo Las Positas) and to determine how the Patterson Pass trail would connect with the Arroyo Seco trail (via either bridge or tunnel). Coordination with Union Pacific Railroad and the Lawrence Livermore Lab is also necessary.




Cost Estimates:

Proposed Segments/Types	A1	A2	B	C	Tunnel	Total Constr. Estimate	Contingency	TOTAL Estimated Cost
MU Paved with EQ	\$1,000,000	\$82,000	\$410,000	\$1,750,000	\$440,000	\$3,682,000	\$1,500,000	\$5,182,000

Arroyo Seco Trail - T9



LEGEND

-  Existing Trail Segment
-  Proposed Trail Segment
-  LARPD Boundary



Arroyo Seco Trail - T9

Status: Existing trail with gap closures and extensions proposed

Location: In east Livermore, it generally follows a north-south direction from I-580 to Tesla Road.

Trail Classification: Multi-Use Paved and Multi-Use Paved with Equestrian Component

Length: 4.24 miles

Cost Estimate: \$4,940,000

Trail Connections: Las Positas Trail (T6), Patterson Pass Trail (T8), South Livermore Valley Trail (T10), Iron Horse Trail (T16), Dunsmuir Trail (T18)

Purpose/Significance: This trail is centrally located within LARPD’s boundaries and provides major north/south as well as east/west connectivity between residential areas in southeast Livermore to the Vasco Road ACE Station, the Lawrence Livermore Lab, and commercial areas near I-580.

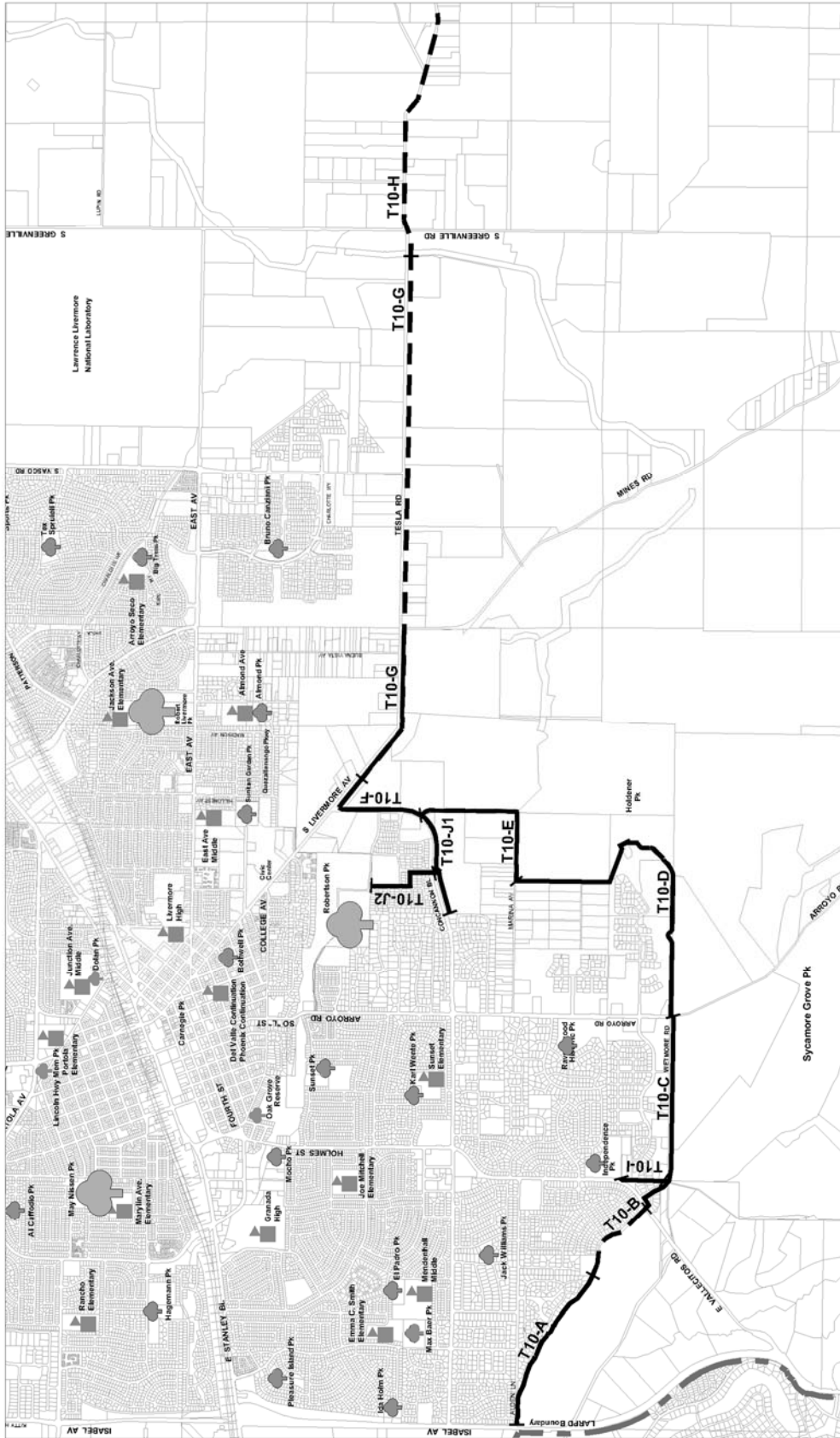
Trail Alignment: A – The proposed trail would begin at Las Colinas Road on the south side of I-580 and continue east, roughly parallel to I-580, to the Arroyo Seco channel. At this point, the trail should cross over the Arroyo Seco channel and continue southeast along an existing Zone 7 service road to First Street. At First Street, trail users should be directed to cross at the signalized intersection of First Street and Southfront Road. B – Once across First Street, trail users would need to utilize Southfront Road until they reach the Arroyo Seco channel on the south side of Southfront. From here the trail continues south on the Zone 7 service road. C – The proposed trail would cross Arroyo Vista Road at a mid-block location, where an enhanced pedestrian crossing should be provided. The trail would continue along the arroyo and cross Las Positas Road at a future signalized intersection. D – The proposed trail would continue south on the Zone 7 service road and connect to the future Iron Horse Trail, north of the railroad tracks. The trail could utilize a bridge which is being proposed for the future Iron Horse Trail in order to cross east over the arroyo. In order to continue south to Patterson Pass Road the trail would need to tunnel under the railroad tracks. E – The proposed trail would cross Patterson Pass road at an at-grade improved pedestrian crosswalk and continue south along the Zone 7 access road on the west side of the arroyo to Charlotte Way near Ursula Street. F – The property lines of the fronting homes immediately adjacent to the Arroyo Seco leave no service road on either side between the northern arroyo crossing of Charlotte near Ursula and the southern arroyo crossing of Charlotte near Kathy. A proposed trail can be built by placing the arroyo into a culvert or building a cantilevered trail. In the short-term, the existing bike lanes and sidewalk on Charlotte Way can be used. G – There is an existing trail on both sides of the arroyo between Charlotte Way and Vasco Road. H – The proposed trail would continue south along the west side of Vasco Road to the intersection of East Avenue. The trail would cross at the signalized intersection and continue south on Vasco Road to Tesla Road. (In the South Livermore Valley Specific Plan this trail segment is identified as A.)

Additional Information: Coordination with Zone 7 and Union Pacific Railroad is essential.

Cost Estimates:

Proposed Segments/ Types	A	B	C	D	E	F	G	Tunnel & Cantilever	Total Constr. Estimate	Contingency	TOTAL Estimated Cost
MU Paved with EQ	\$700,000	\$110,000	\$180,000	\$230,000	\$330,000	\$470,000	\$320,000	\$1,200,000	\$3,540,000	\$1,400,000	\$4,940,000

South Livermore Valley Trail - T10



LEGEND
 Existing Trail Segment
 Proposed Trail Segment
 LARPd Boundary



South Livermore Valley Trail – T10

Status: Existing trail completed through a multi-agency implement action

Location: At the southern edge of Livermore, it follows an east-west direction from Isabel Avenue to Greenville Road.

Trail Classification: Multi-Use Paved with Equestrian Component

Length: 10.65 miles

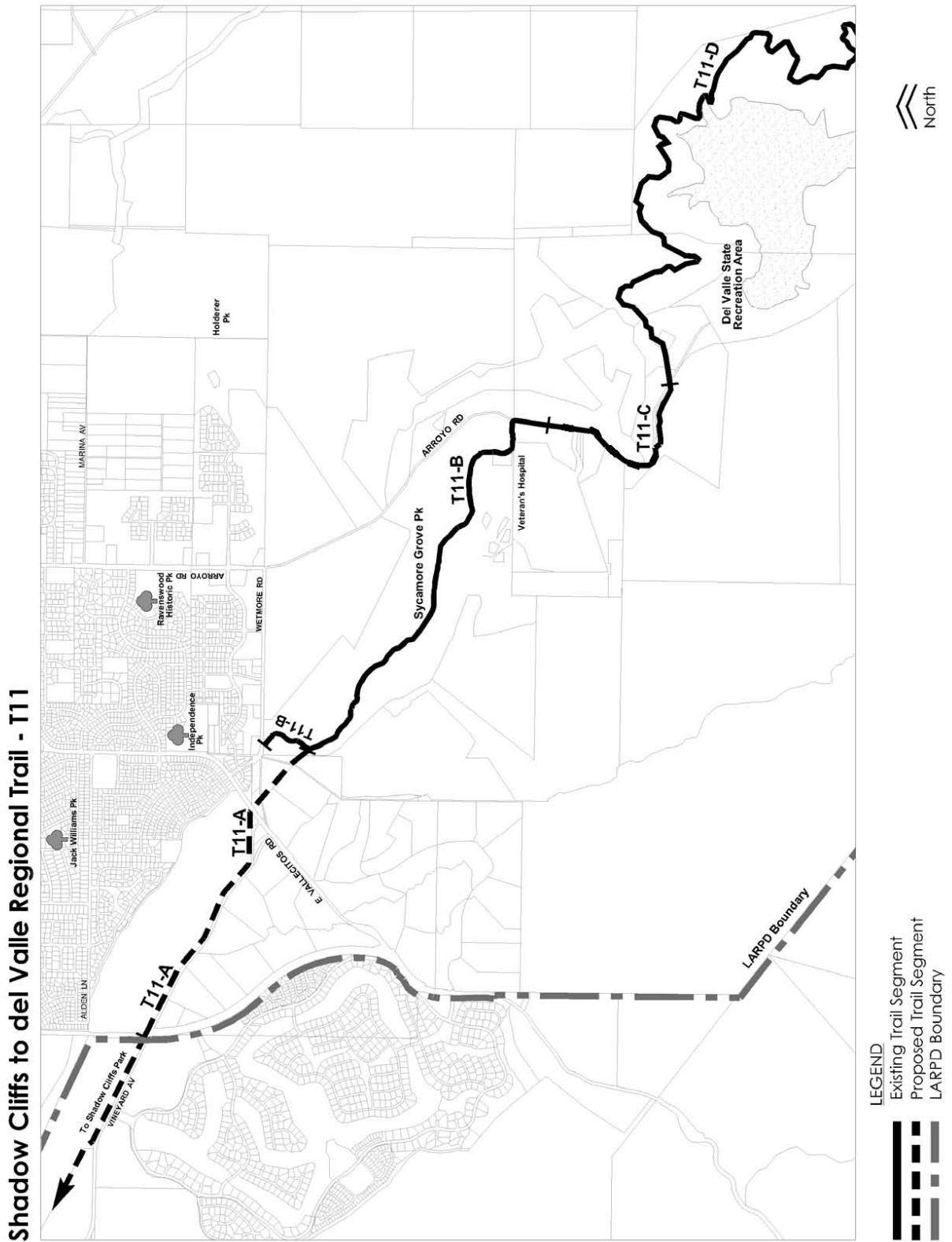
Trail Connections: Isabel Trail (T5), Arroyo Seco Trail (T9), Shadow Cliffs to del Valle Regional Trail (T11), Mines Road Trail (T12), Arroyo Road Trail (T13), South Bay Aqueduct Trail (T15), Dunsmuir Trail (T18), Arroyo Mocho Trail (T19), Sycamore Grove Oak internal trail system

Purpose/ Significance: This trail provides connectivity between the residential areas and vineyards in south Livermore to important recreation opportunities such as Sycamore Grove Park.

Trail Alignment: A- The existing trail begins at Isabel Avenue and Alden Lane and continues east on the south side of the existing residential neighborhood and on the north side of the Arroyo del Valle (commonly known as the Oaks Trail). B- There is a gap in the existing trail along an undeveloped parcel south of Wood Hollow Drive. This gap should be constructed with future development of this parcel as a part of the reclamation of Lake “A”. From here, the trail continues to Vallecitos Road. The trail crosses Vallecitos at a signalized intersection at Wetmore Road. C- The existing trail continues east along Wetmore Road to Arroyo Road. (In the South Livermore Valley Specific Plan this trail segment is identifies as L.) D- The existing trail crosses Arroyo Road at the three-way stop controlled intersection and continues east into Holdener Park. The trail then veers northeast through the park and then north to connect to Marina Avenue. (In the South Livermore Valley Specific Plan this trail segment is identifies as I and H). E- This completed segment continues east along the south side of Marina Avenue to Wentle Street. The trail then veers north along the east side of Wentle Street to Concannon Blvd. (In the South Livermore Valley Specific Plan this trail segment is identified as H and F.) F- The existing trail runs along Concannon Blvd. to South Livermore Avenue where it turns south and continues on the west side of South Livermore Avenue to Mines Road. (In the South Livermore Valley Specific Plan this trail segment is identified as E.) G- The constructed trail continues along the west side of South Livermore Avenue as the road travels southeast and then on the south side of Tesla Road east to Mines Road. The proposed trail continues from along Tesla Road from Mines Road to Greenville Road. (In the South Livermore Valley Specific Plan this trail segment is identified as E.) H- A long-term proposal is to continue the proposed trail along Tesla Road to the east of Greenville Road to the Tesla area, a potential regional preserve. I – This is an existing spur trail from Wetmore Road opposite the driveway entrance for Sycamore Grove Park north to Independence Park (in the South Livermore Valley Specific Plan this trail segment is identified as K.) J1- This is an existing spur trail from Concannon Blvd. at Wentle Street west to just before Normandy Street. (In the South Livermore Valley Specific Plan this trail segment is identified as G.) J2- This is an existing spur trail at Concannon Blvd. and San Vicente Road north to Robertson Park.

Cost Estimates:

Proposed Segments/Types	B	E	G	H	Total Constr. Estimate	Contingency	TOTAL Estimated Cost
MU Paved with EQ	\$400,000	completed	completed	\$1,100,000	\$1,500,000	\$375,000	\$1,875,000



Shadow Cliffs to Del Valle Regional Trail – T11

Status: Trail has been constructed by joint-agency efforts

Location: At the southwestern edge of Livermore, it generally follows an east-west direction from Shadow Cliffs Regional Recreation Area to the Del Valle State Recreation Area.

Trail Classification: Multi-Use Paved with Equestrian Component

Length: 4.70 miles

Cost Estimate: \$1,400,000

Trail Connections: Isabel Trail (T5), South Livermore Trail (T10), Arroyo Road Trail (T13), and Sycamore Grove Park, Del Valle State Recreation Area, and Shadow Cliffs internal trail systems

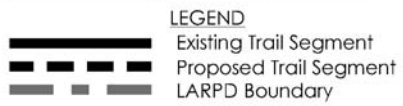
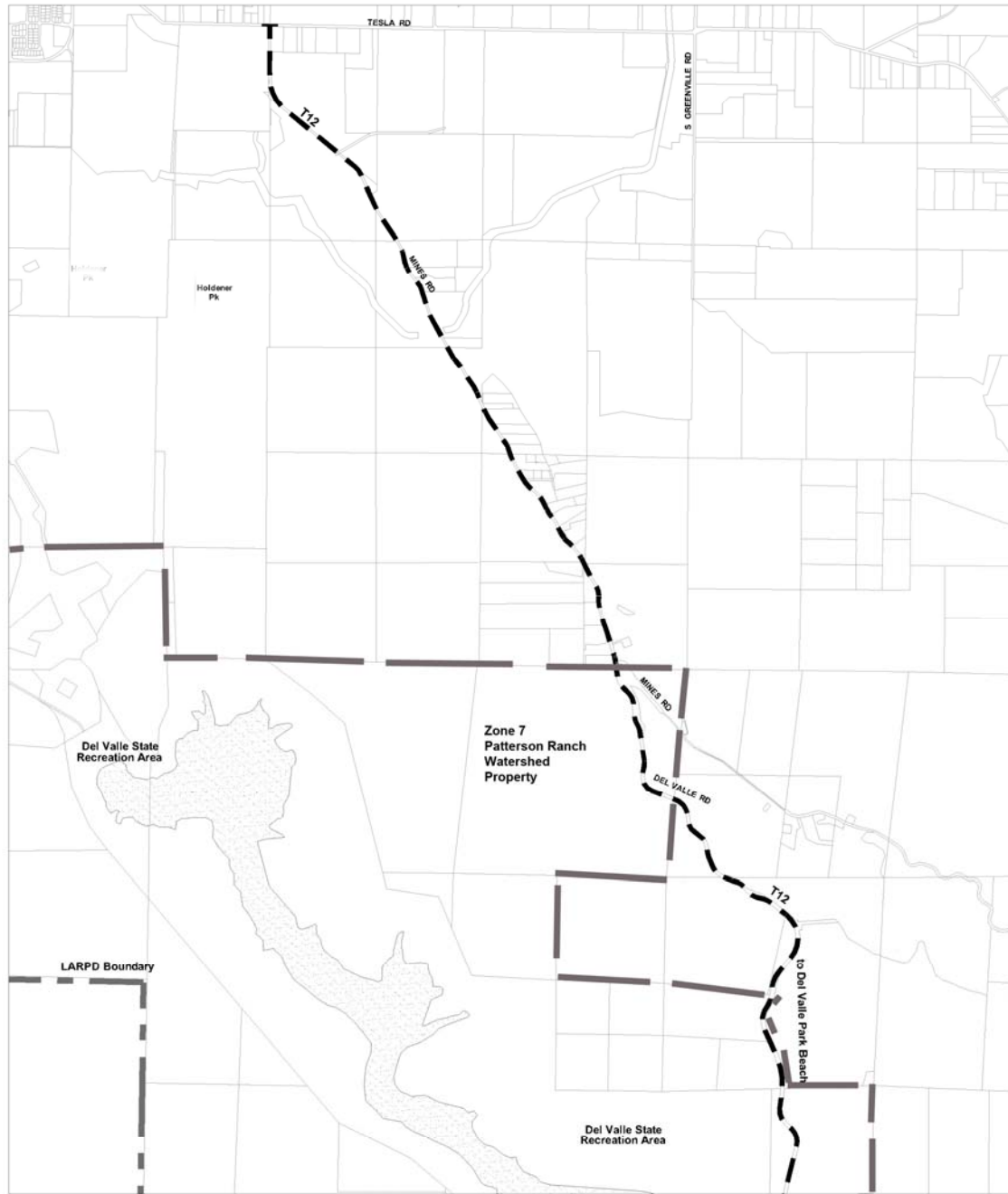
Purpose/ Significance: This trail provides connectivity between the Shadow Cliffs Regional Recreation Area in Pleasanton through significant open space areas in Livermore including Sycamore Grove Park and Veterans Park to the Del Valle State Recreation Area.

Trail Alignment: In Pleasanton the proposed trail will begin at Shadow Cliffs and head toward Isabel Avenue in a south east direction south of the Arroyo del Valle and north of Vineyard Avenue. A- In Livermore, the proposed trail would cross Isabel Avenue at Vineyard Avenue and continue parallel to and on the north side of Vineyard Avenue, south of Arroyo del Valle. The proposed trail would cross at a signalized intersection at Vineyard Avenue, and Vallecitos Road, still following the Arroyo del Valle, and continue southeast to Sycamore Grove Park. (In the South Livermore Valley Specific Plan a portion of this trail segment is identifies as N.) B- An existing paved trail passes through Sycamore Grove Park and is planned for renovation with EBRPD. C- At the Arroyo Road entry parking lot, an existing multi-use natural surface trail runs south and parallel to Arroyo Road to the eastern edge of Camp Arroyo and into the Del Valle State Recreation Area. D- This is an existing trail through the Del Valle State Recreation Area. Tri-Valley Conservancy (TVC), EBRPD, City of Livermore and LARPD have partnered to complete a feasibility study for a bridge crossing near the Arroyo Road park entrance. TVC is coordinating a funding effort to complete the designs in cooperation with the other agencies.

Cost Estimates:

Proposed Trail Segments/ Trail Types	A	Total Construction Estimate	Contingency	TOTAL Estimate Cost
Multi-Use Paved with EQ	\$1,000,000	\$1,000,00	\$400,000	\$1,400,000

Mines Road Trail - T12



Mines Road Trail – T12

Status: Proposed trail

Location: In southeast Livermore, it generally follows a north-south direction along Mines Road from Tesla Road to the Del Valle State Recreation Area.

Trail Classification: Multi-Use Paved with Equestrian Component

Length: 6.80 miles

Cost Estimate: \$8,100,000

Trail Connections: South Livermore Valley Trail (T10), South Bay Aqueduct Trail (T15), Dunsmuir Trail (T18), Del Valle State Recreation Area internal trail system

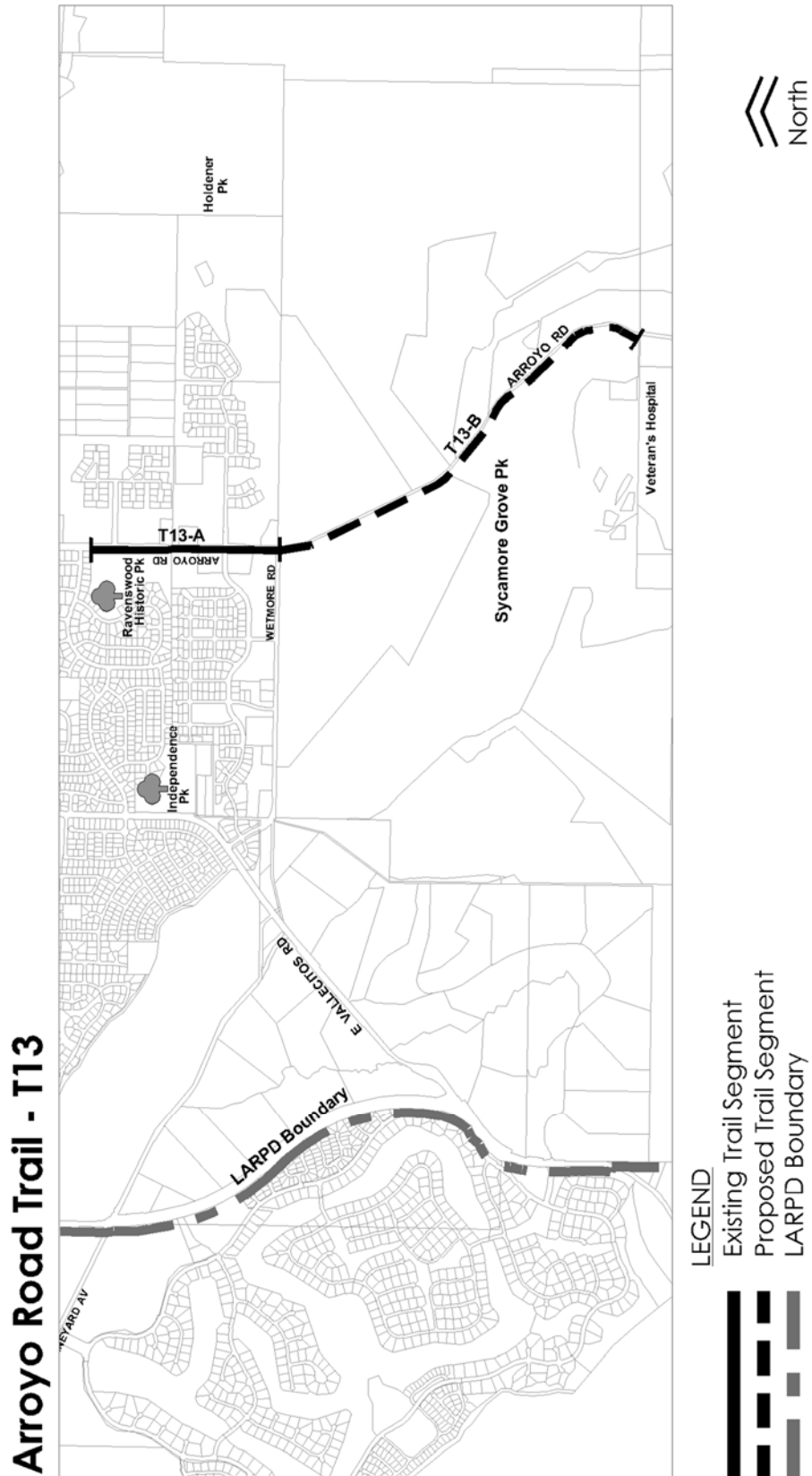
Purpose/Significance: This trail provides an important link to the south end of the Del Valle State Recreation Area, creating several loop trail opportunities. Because of its potential to connect to the proposed South Bay Aqueduct Trail (T15), this trail could also provide a link between two major recreation areas – Brushy Peak and Del Valle. South of the South Bay Aqueduct, this trail would also serve as a segment of the De Anza National Historic Trail.

Trail Alignment: The proposed trail would start at the intersection of Tesla Road and Mines Road and continue south, adjacent to Mines Road and Del Valle Road, terminating at the main beach area at the Del Valle State Recreation Area.

Additional Information: The entire trail is located in Alameda County outside the Livermore city limit line and urban growth boundary. A desirable alignment for this trail is along Mines Road; however, there is limited road right-of-way. Therefore, communication/negotiation with private property owners may be necessary for successful implementation. Additionally, coordination with East Bay Regional Park District and Alameda County is needed. Finally, communication with the National Park Service is necessary if this trail is to become a portion of the De Anza National Historic Trail.

Cost Estimates:

Proposed Trail Segments/Trail Types	T12	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$5,800,000	\$5,800,000	\$2,300,000	\$8,100,000



Arroyo Road Trail – T13

Status: Existing trail with extension proposed

Location: In south central Livermore, it generally follows a north-south direction parallel to Arroyo Road.

Trail Classification: Multi-Use Unpaved

Length: 1.91 miles

Cost Estimate: \$580,000

Trail Connections: South Livermore Valley Trail (T10), Shadow Cliffs to Arroyo del Valle Regional Trail (T11), Dry Creek Trail (T25), Sycamore Grove Park and Veterans Park internal trail system

Purpose/Significance: This trail provides connectivity between the Ravenswood Historic Site and the South Livermore Valley Trail and open space areas such as Holdener, Sycamore Grove and Veterans Park. A wide sidewalk from Superior Drive to Ravenswood provides connectivity for the residential neighborhood to the north.

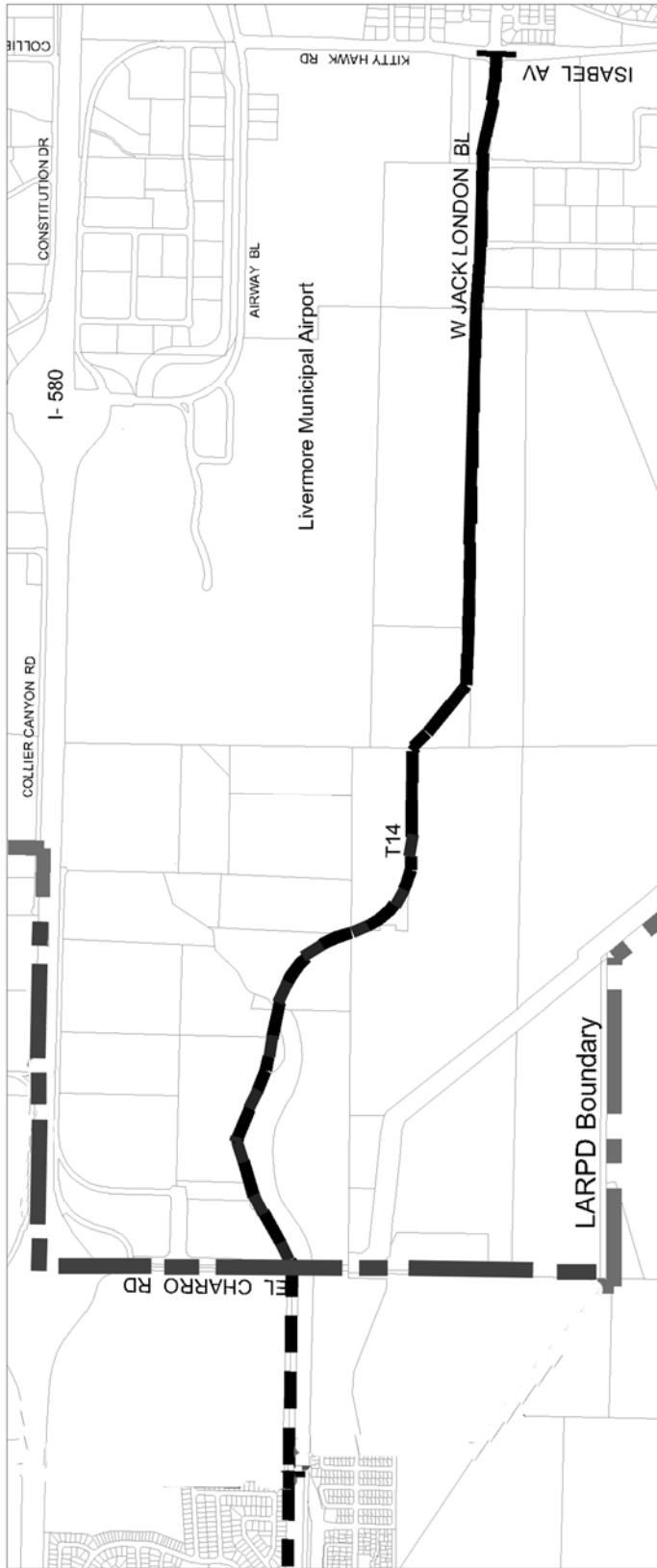
Trail Alignment: A – The existing trail begins at Ravenswood Historic Site on the west side of Arroyo Road. It continues south to Wetmore Road. (In the South Livermore Valley Specific Plan this trail segment is identified as J.). B – The proposed trail would continue south on Arroyo Road and connect to the existing trail in Sycamore Grove Park (Arroyo Road entrance). The specific alignment of this segment is yet to be determined. (In the South Livermore Valley Specific Plan this trail segment is identified as M.)

Additional Information: There are potential environmental and private property issues associated with the alignment of segment B. If the trail segment parallels the west side of Arroyo Road the alignment would impact privately owned, producing vineyards and a critically sensitive habitat area in Sycamore Grove Park. Similarly, if the trail segment parallels the east side of Arroyo Road it would also impact privately owned and producing vineyards. An alignment along the east side of Arroyo Road would also require an at-grade crossing of Arroyo Road to connect into Sycamore Grove Park.

Cost Estimates:

Proposed Trail Segments/Trail Types	B	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$410,000	\$410,000	\$170,000	\$580,000

Jack London Trail - T14



Jack London Trail – T14

Status: Completed trail segment

Location: At the western edge of Livermore from the boundary of Pleasanton near El Charro Road to the intersection of Jack London Boulevard and Isabel Avenue. It generally follows an east-west direction adjacent to the Arroyo Las Positas to Isabel Avenue.

Trail Classification: Multi-Use Paved with Equestrian Component

Length: 2.91 miles

Cost Estimate: Completed

Trail Connections: Isabel Trail (T5), Arroyo Mocho Trail (T19)

Purpose/Significance:

This trail was completed in about 2012 by the City of Livermore and filled a critical gap in the Tri-Valley trail system by providing a separated, multi-use trail link to the trail system in the City of Pleasanton. The trail continues west into Pleasanton and connects to the Iron Horse Trail which connects to BART. A short segment of the trail near Isabel will be completed as a full multi use trail when adjacent lot develops. An existing gravel path currently exists along Jack London in this short incomplete section.

Trail Alignment: The trail extends from Stoneridge Drive in Pleasanton east along the Arroyo Mocho under El Charro Road and then crossing the Arroyo las Positas and joins Jack London. The trail then parallels Jack London east to Isabel.

Additional Information: This trail is included in the El Charro Specific Plan and the proposed alignment

South Bay Aqueduct Trail – T15

Status: Proposed trail

Location: At the eastern edge of Livermore, it generally follows a north-south direction along the South Bay Aqueduct.

Trail Classification: Multi-Use Paved

Length: 7.15 miles

Cost Estimate: \$8,620,000

Trail Connections: Patterson Pass Trail (T8), South Livermore Valley Trail (T10), Mines Road Trail (T12), Iron Horse Trail (T16), Greenville Road Trail (T24)

Purpose/Significance:

This proposed trail will provide a critical link between South Livermore and North Livermore recreation trails. Additionally, this trail would provide a continuous trail opportunity from Brushy Peak to Del Valle State Recreation Area, via the Iron Horse, South Bay Aqueduct, and Mines Road trail connections. South of I-580 this trail would also serve as a segment of the De Anza National Historic Trail.

Trail Alignment:

A – The proposed trail would begin where the Iron Horse Trail connects to the South Bay Aqueduct, south of I-580 and east of Greenville Road. The trail would continue south on an existing South Bay Aqueduct service road along the aqueduct.

B – When the aqueduct passes west across Greenville Road and overlooks the SBA Property, the proposed trail would exit from the aqueduct service road and follow Greenville Road south to Tesla Road. At the intersection of Greenville and Tesla the trail will veer to the west along Tesla Road until it reconnects with the aqueduct. C – At the intersection of the aqueduct and Tesla Road, the proposed trail would rejoin the aqueduct service road and continue along the aqueduct to Mines Road.

Additional Information: The majority of this trail is located outside the Livermore city limit line, and large portions are outside the urban growth boundary in Alameda County.

A major segment of the trail is proposed along the South Bay Aqueduct which is operated by the California Department of Water Resources (DWR). A feasibility study that addresses DWR’s operational issues is necessary in order to develop a regional trail which shares the aqueduct’s service roads. Coordination with East Bay Regional Park District, which would potentially manage this regional trail, is essential. Communication with the National Park Service is also necessary if this trail is to become a portion of the De Anza National Historic Trail.

Cost Estimates:

Proposed Trail Segments/Trail Types	A	B	C	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$3,500,000	\$900,000	\$1,720,000	\$6,120,000	\$2,500,000	\$8,620,000

Iron Horse Trail - T16



Iron Horse Trail – T16

Status: Existing trail with extensions proposed

Location: Located in the center of Livermore running an east-west direction roughly following the Union Pacific Railway.

Trail Classification: Multi-Use Paved

Length: 18.25 miles

Cost Estimate: \$19,520,000

Trail Connections: Altamont Creek Trail (T4), Isabel Trail (T5), Patterson Pass Trail (T8), Arroyo Seco Trail (T09), South Bay Aqueduct Trail (T15), Arroyo Mocho Trail (T19), Brushy Peak Connector Trail (T23)

Purpose/Significance: The goal of the Iron Horse Regional Trail is to provide a continuous transportation corridor through the entirety of Alameda County. For residents of Livermore, the Iron Horse Trail will provide a direct connection to the Livermore ACE station and downtown Livermore, a connection into Pleasanton, to the Dublin/Pleasanton BART station, and to all other cities connected by the Iron Horse Trail. The existing Iron Horse Trail passes through the communities of Concord, Pleasant Hill, Walnut Creek, Alamo, Danville, San Ramon, Dublin and areas of Pleasanton, and is one of the most widely used trails in the East Bay. A portion of the proposed trail, near Greenville Road and Altamont Pass Road, would also serve as a segment of the De Anza National Historic Trail.

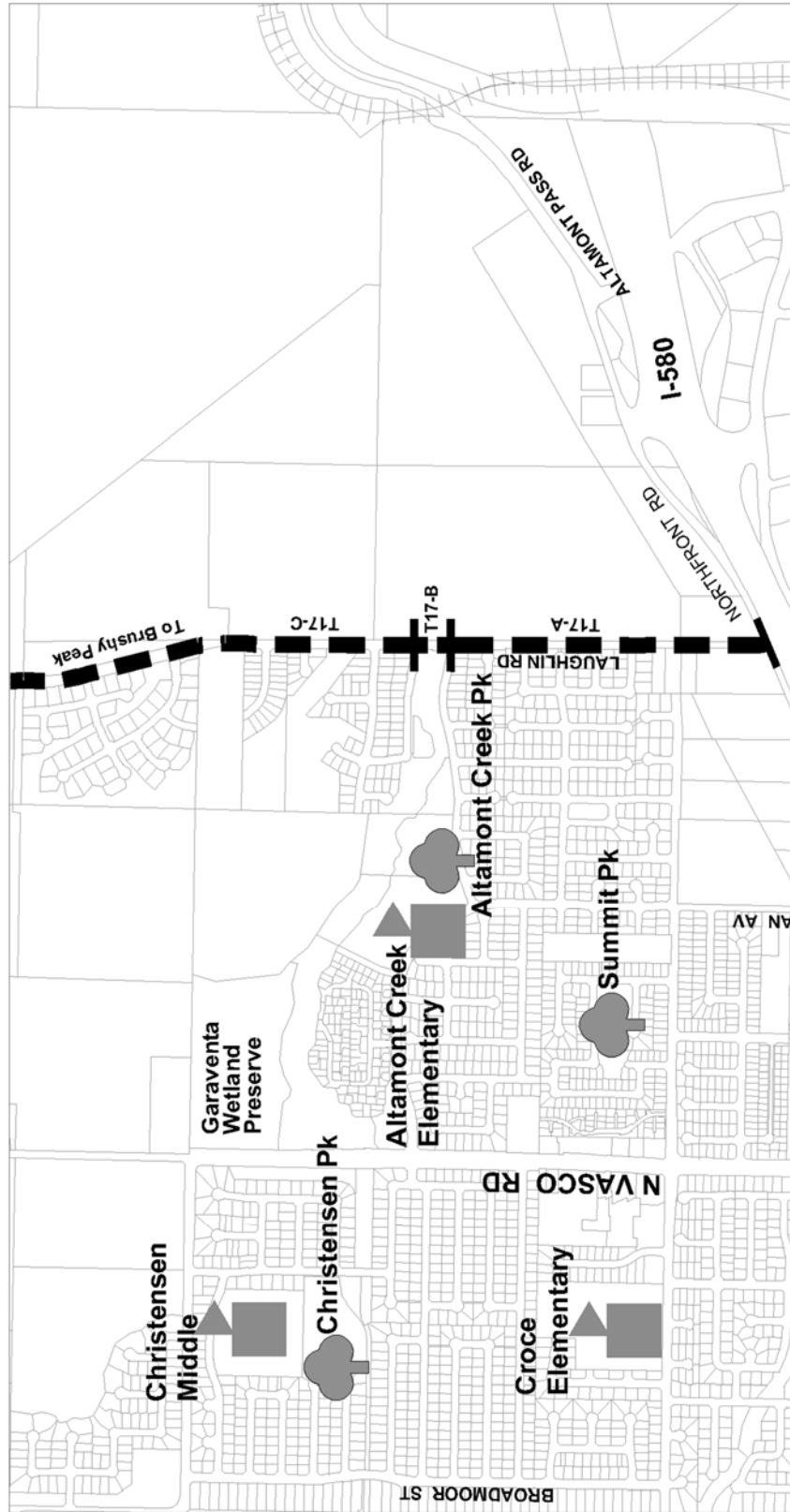
Trail Alignment: A Feasibility and Alignment Study is currently underway that will determine the preferred alignment of the Iron Horse Trail from the existing terminus at the intersection of Stanley Blvd and Isabel Avenue east to Greenville Road however future developments will determine the final route. The City of Livermore has hired a consultant team to conduct this study and is coordinating with LARPDP and EBRPD to develop the preferred alignment. It is anticipated that the study will be complete in 2008.

Additional Information: In addition to the proposed route shown on trail map T16, the Feasibility and Alignment Study is also considering the Patterson Pass Trail (T8) as a potential alignment for the eastern portion of the Iron Horse Trail. Communication with the National Park Service is necessary if this trail is to become a portion of the De Anza National Historic Trail. The District is not the lead agency for developing this trail.

Cost Estimates:

Proposed Trail Segments/Trail Types	T16	Bridge over Arroyo	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$13,700,000	\$220,000	\$13,920,000	\$5,600,000	\$19,520,000

Laughlin Road Trail - T17



Laughlin Road Trail – T17

Status: Proposed trail

Location: In northeast Livermore, it generally follows a north-south direction parallel to Laughlin Road.

Trail Classification: Multi-Use Paved and Multi-Use Paved with Equestrian Component

Length: 2.32 miles

Cost Estimate: \$2,785,000

Trail Connections: Altamont Creek Trail (T4), Arroyo Las Positas Trail (T6), Brushy Peak internal trail system.

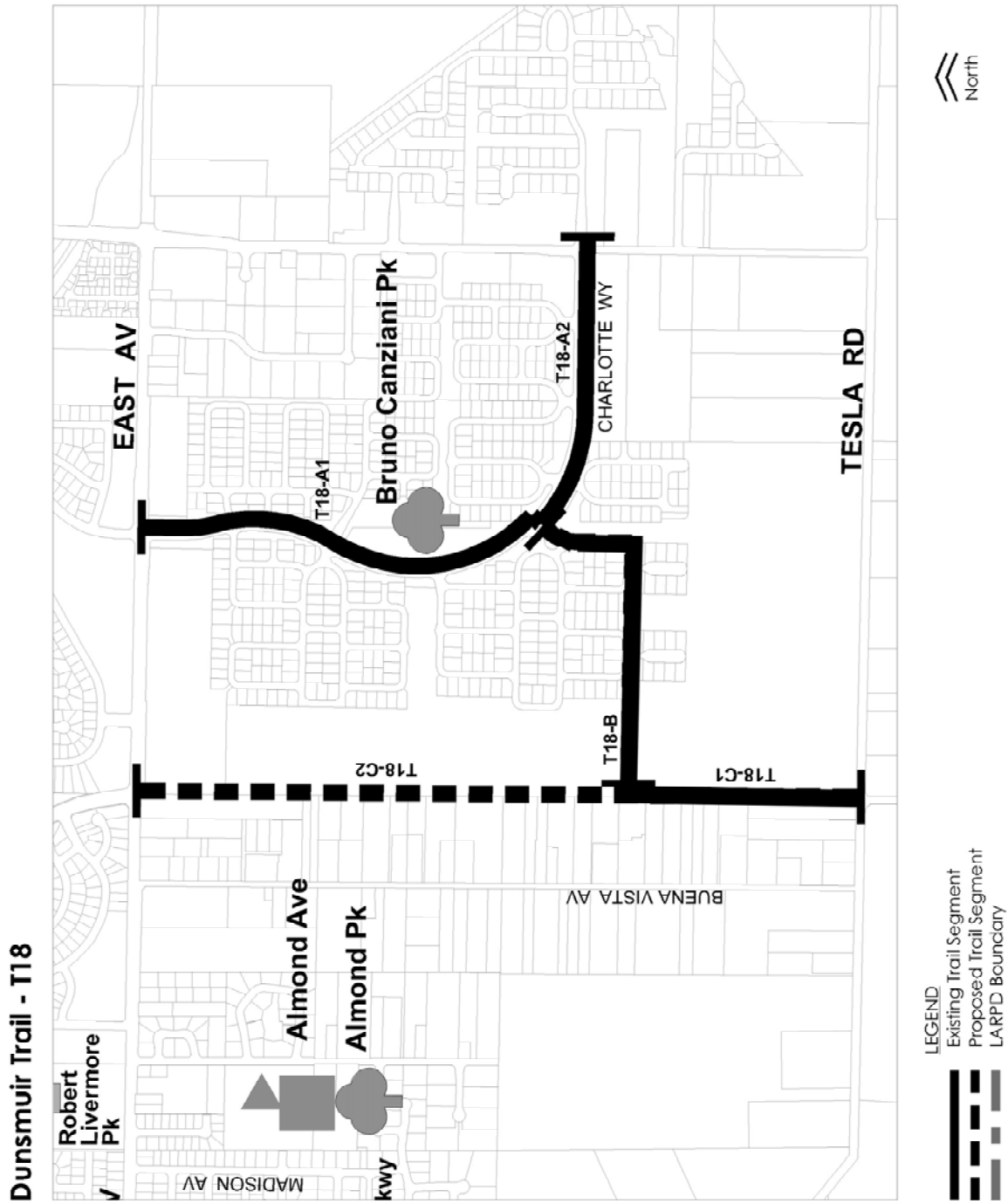
Purpose/Significance: This trail provides connectivity for the Northeast Livermore residential area to the Altamont Creek Trail and the Brushy Peak Regional Preserve.

Trail Alignment: A – The proposed trail begins at Northfront Road and continues north along the east side of Laughlin Road. B – In the short term, the existing sidewalk adjacent to Altamont Creek can be used as a trail segment. Ultimately a multi-use trail segment is preferred. C – The proposed trail would continue north parallel to Laughlin Road to connect to the Brushy Peak trail system. This exact alignment is not yet determined.

Additional Information: Segment C is proposed outside the Livermore city limit line and urban growth boundary. Therefore, communication/negotiation with private property owners may be necessary for successful implementation.

Cost Estimates:

Proposed Trail Segments/Trail Types	A	B	C	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved and MU Paved with EQ	\$390,000	\$45,000	\$1,550,000	\$1,985,000	\$800,000	\$2,785,000



Dunsmuir Trail – T18

Status: Existing trail with extensions proposed

Location: In southern Livermore, from East Avenue to Tesla Road and between Buena Vista Avenue and Vasco Road.

Trail Classification: Multi-Use Paved and Multi-Use Paved with Equestrian Component

Length: 1 miles

Cost Estimate: \$400,000

Trail Connections: Civic Center Trail (T7), Arroyo Seco Trail (T9), South Livermore Valley Trail (T10), Mines Road Trail (T12)

Purpose/Significance: This trail provides an important connection between the adjacent residential neighborhoods to South Livermore Valley recreation opportunities.

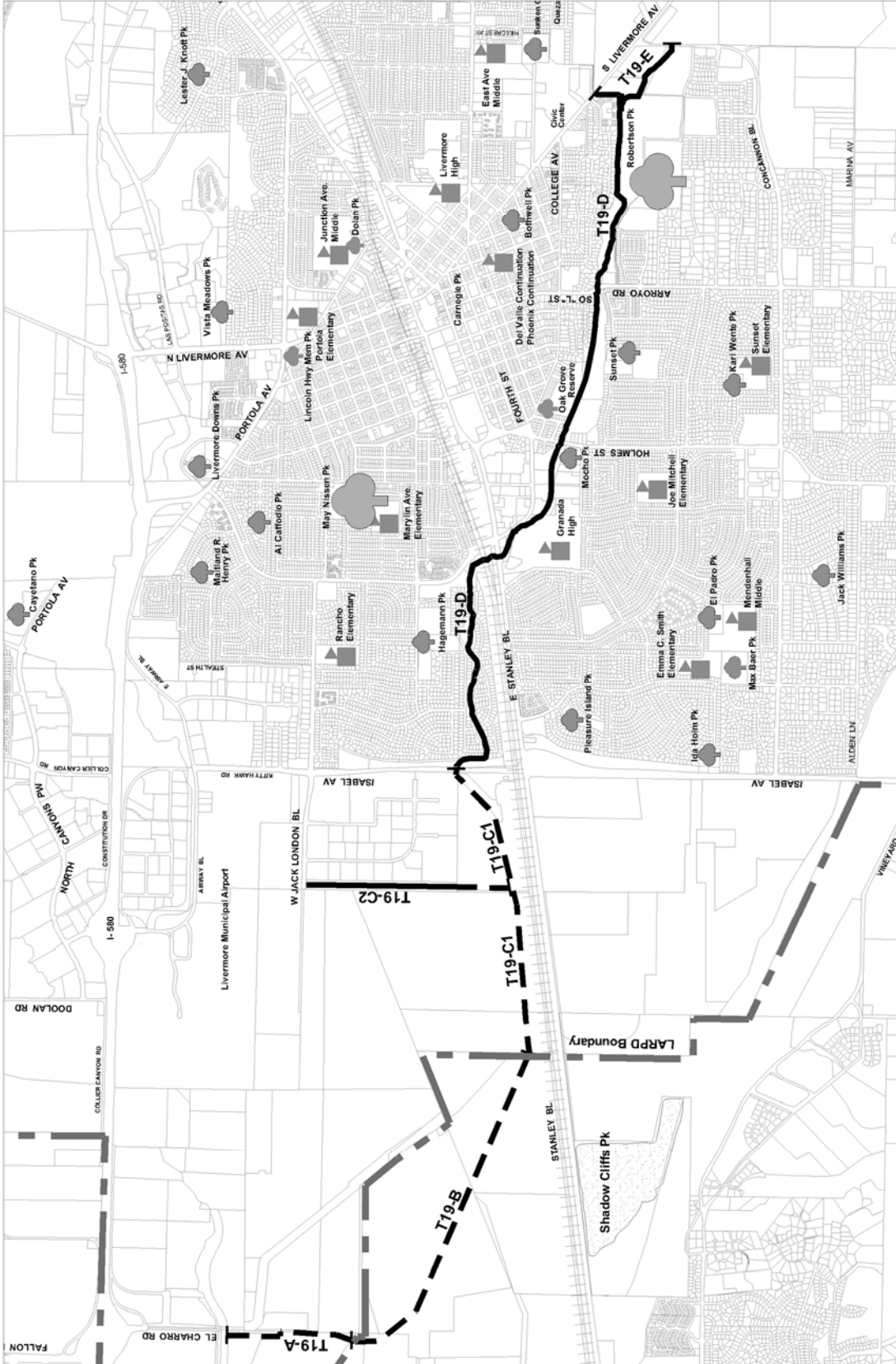
Trail Alignment: A1- The existing trail begins at the intersection of East Avenue and Charlotte Way and runs south along Charlotte Way to Stockton Loop. (In the South Livermore Valley Specific Plan this segment is identified as B.) A2- The existing trail continues along Charlotte Way to Vasco Road. (In the South Livermore Valley Specific Plan this trail segment is identified as C.) B- This segment runs from Charlotte way south along White Crane Circle and then continuing west to connect with segment C at the PG&E easement. (In the South Livermore Valley Specific Plan this trial segment is identified as C.) C1- This segment continues along an existing 75-foot wide PG&E easement between trail segment B and Tesla Road. (In the South Livermore Valley Specific Plan this trail segment is identified as D.) C2 – This segment is proposed along an existing 75-foot wide PG&E easement between East Avenue and the intersection with trail segment B.

Additional Information: Segment C2 is outside the Livermore city limit line and urban growth boundary and is along an easement, requiring coordination with PG&E. Negotiations with property owners would be required before moving forward with construction of this alignment.

Cost Estimates:

Proposed Trail Segments/Trail Types	C2	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$285,000	\$285,000	\$115,000	\$400,000

Arroyo Mocho / El Charro Road Trail - T19



LEGEND

-  Existing Trail Segment
-  Proposed Trail Segment
-  LARPD Boundary

Arroyo Mocho/El Charro Road Trail – T19

Status: Existing trail with extension proposed

Location: Located generally in the center of Livermore following an east-west direction parallel to the Arroyo Mocho.

Trail Classification: Multi-Use Paved and Multi-Use Paved with Equestrian Component

Length: 6.39 miles

Cost Estimate: \$2,460,4000

Trail Connections: Isabel Trail (T5), Civic Center Trail (T7), South Livermore Valley Trail (T10), Jack London Trail (T14), Iron Horse Trail (T16)

Purpose/Significance: The existing portion of the Arroyo Mocho trail from the Civic Center and Robertson Park to Isabel Avenue provides significant transportation and recreation opportunities within LARPD’s jurisdiction. When complete, the trail will enable regional connectivity to the Pleasanton trail system near El Charro Road.

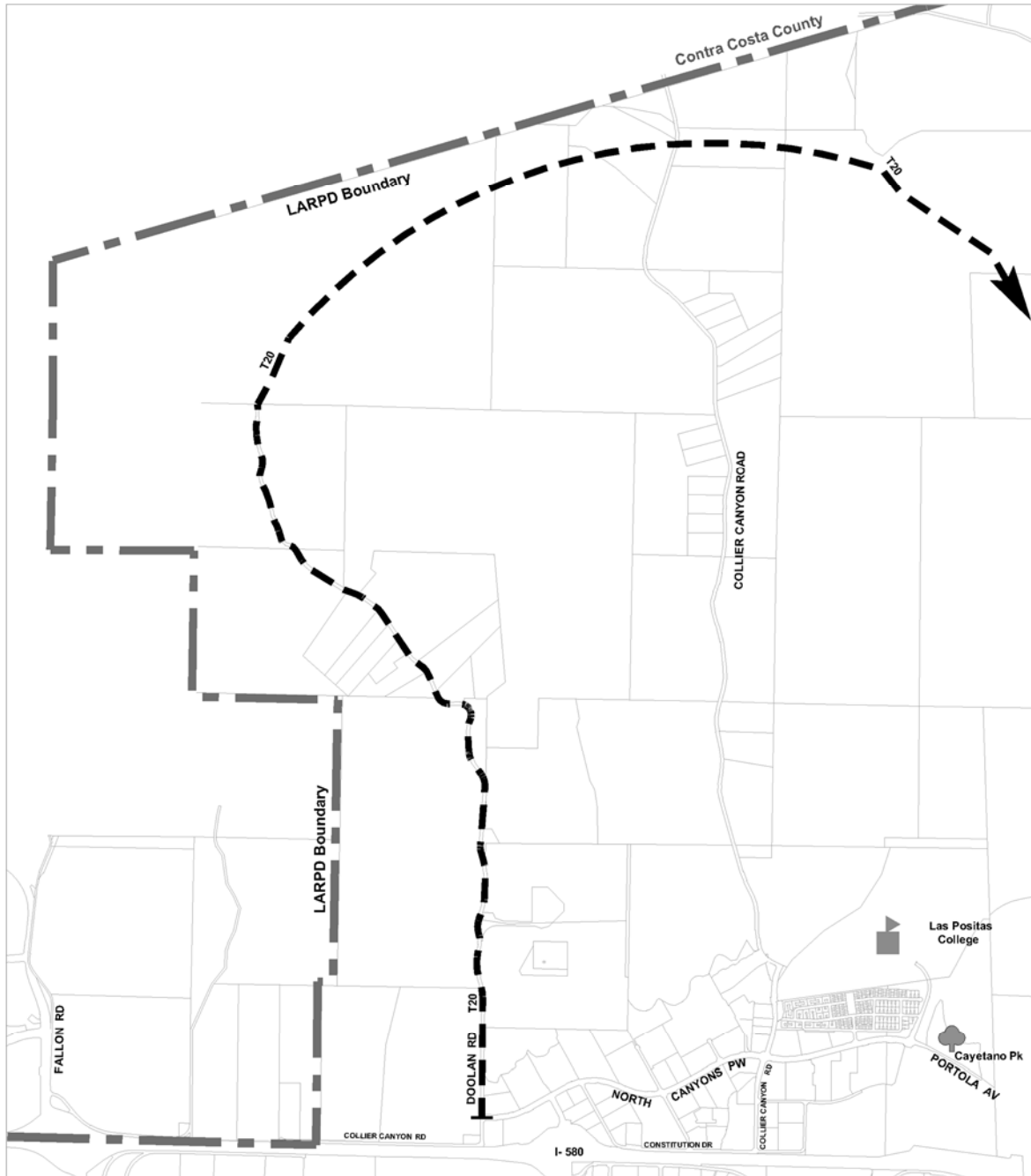
Trail Alignment: A –The proposed trail begins at El Charro Road just south of the Arroyo Las Positas. The proposed trail would follow El Charro road south extending beyond the City of Livermore and LARPD boundaries into Alameda County. B – This unconstructed portion of the trail extends from LARPD’s boundary south along El Charro Road into Alameda County. The specific alignment from El Charro Road to Isabel Avenue will be determined when the ultimate land use in the vicinity is established. In the meantime, this segment is considered a point-to-point trail. C1 – The proposed trail generally continues east parallel to and north of Stanley Boulevard to Isabel Avenue. The trail is proposed to cross Isabel Avenue either by crossing under Isabel Avenue, following the Arroyo Mocho, or by constructing a bridge over Isabel Avenue. An alignment study would need to be conducted to determine the most feasible option. C2 – This is a spur connection from the Arroyo Mocho trail north along the western edge of the Oaks Business Park (at the southwest corner of Isabel Avenue and W. Jack London Blvd). D – East of Isabel Avenue the existing trail continues parallel to the Arroyo Mocho through Robertson Park to South Livermore Avenue. At this point it connects with the existing Civic Center Trail. E – A spur has been constructed south through Robertson Park traveling under the Concannon Blvd. to connect to the South Livermore Valley Trail at Concannon Blvd.

Additional Information: Coordination between Alameda County and Zone 7 is needed to determine the future alignment of the trail from El Charro Road south and then southeast to Isabel Avenue.

Cost Estimates:

Proposed Trail Segments/Trail Types	A	C1	C2	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$470,000	\$1,100,000	\$190,000	\$1,760,000	\$700,000	\$2,460,000

Doolan Canyon Trail - T20



LEGEND

- Existing Trail Segment
- Proposed Trail Segment
- LARPD Boundary



Doolan Canyon Trail – T20

Status: Proposed trail

Location: In northwest Livermore, it generally follows a north-south direction parallel to Cottonwood Creek.

Trail Classification: Multi-Use Paved and Multi-Use Unpaved

Length: 5.92 miles

Cost Estimate: \$4,680,000

Trail Connections: North Canyons Parkway Trail (T2), College Trail (T3), Collier Canyon Trail (T21)

Purpose/Significance: This trail provides recreation opportunities through rolling hills and open space in northern Alameda County.

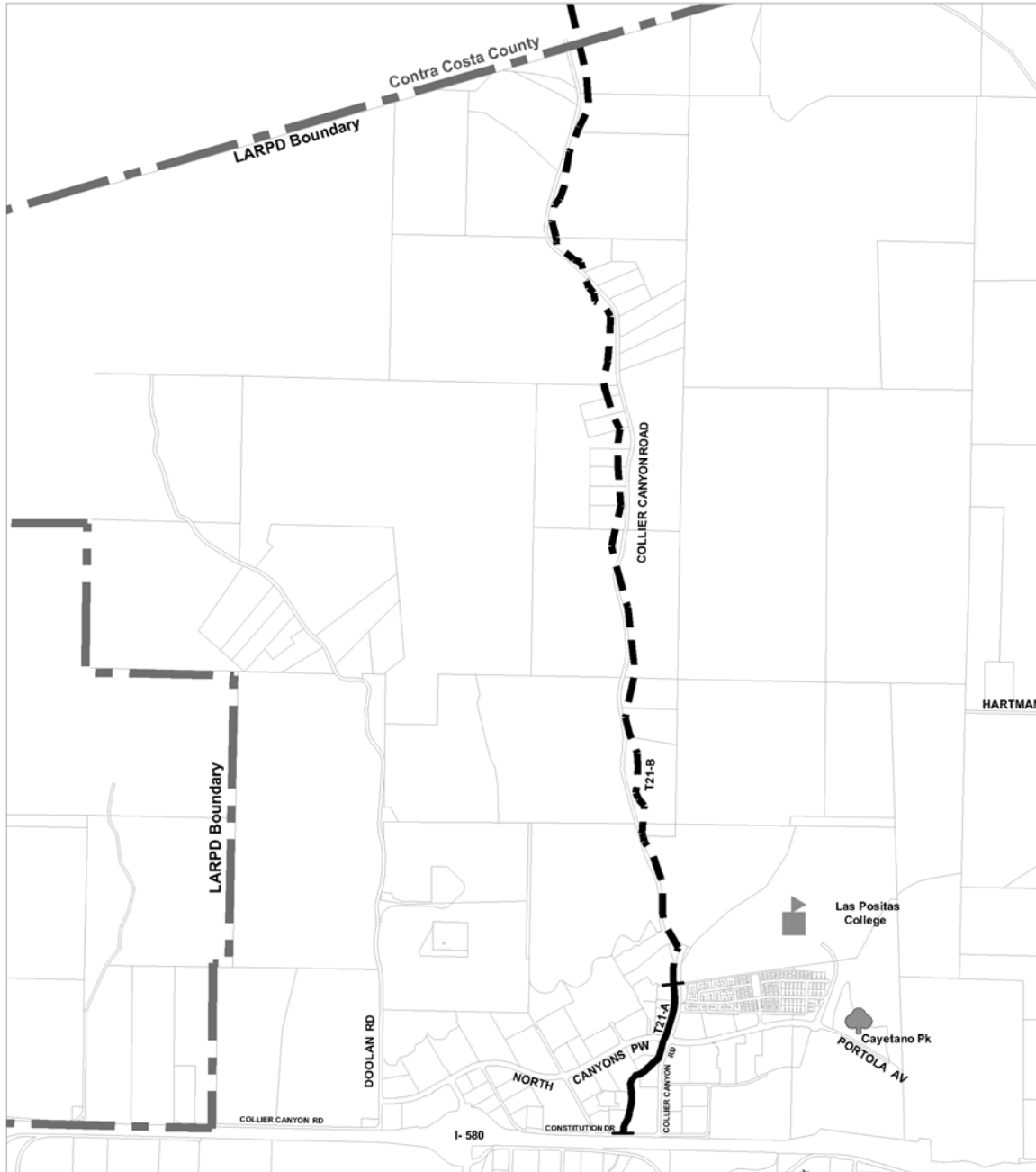
Trail Alignment: This proposed trail would begin on the north side of North Canyons Parkway and would continue north parallel to Doolan Road until it ends. From there, the trail would likely become a multi-use unpaved trail and the exact alignment and destination point is not yet determined. However, a loop trail is recommended that would head northeast and then southwest to potentially connect to the Collier Canyon Trail (T21), the College Trail (T3) and the Cayetano Creek Trail (T1) and/or Hartman Road.

Additional Information: This proposed trail is located in Alameda County outside the Livermore city limit line and urban growth boundary. The trail traverses multiple privately owned parcels with agriculture zoning designations, and communication/negotiation with multiple property owners would be necessary for successful implementation. The District is not the lead agency for developing this trail.

Cost Estimates:

Proposed Trail Segments/Trail Types	A1	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$2,400,000			
Multi-Use Unpaved	\$940,000	\$3,340,000	\$1,340,000	\$4,680,000

Collier Canyon Trail - T21



LEGEND

- Existing Trail Segment
- Proposed Trail Segment
- LARPD Boundary



Collier Canyon Trail – T21

Status: Existing trail with extension proposed

Location: In northwest Livermore, it generally follows a north-south direction parallel to Collier Canyon Creek.

Trail Classification: Multi-Use Paved with Equestrian Component

Length: 3.92 miles

Cost Estimate: \$3,990,000

Trail Connections: North Canyons Parkway Trail (T2), College Trail (T3), Doolan Canyon Trail (T20)

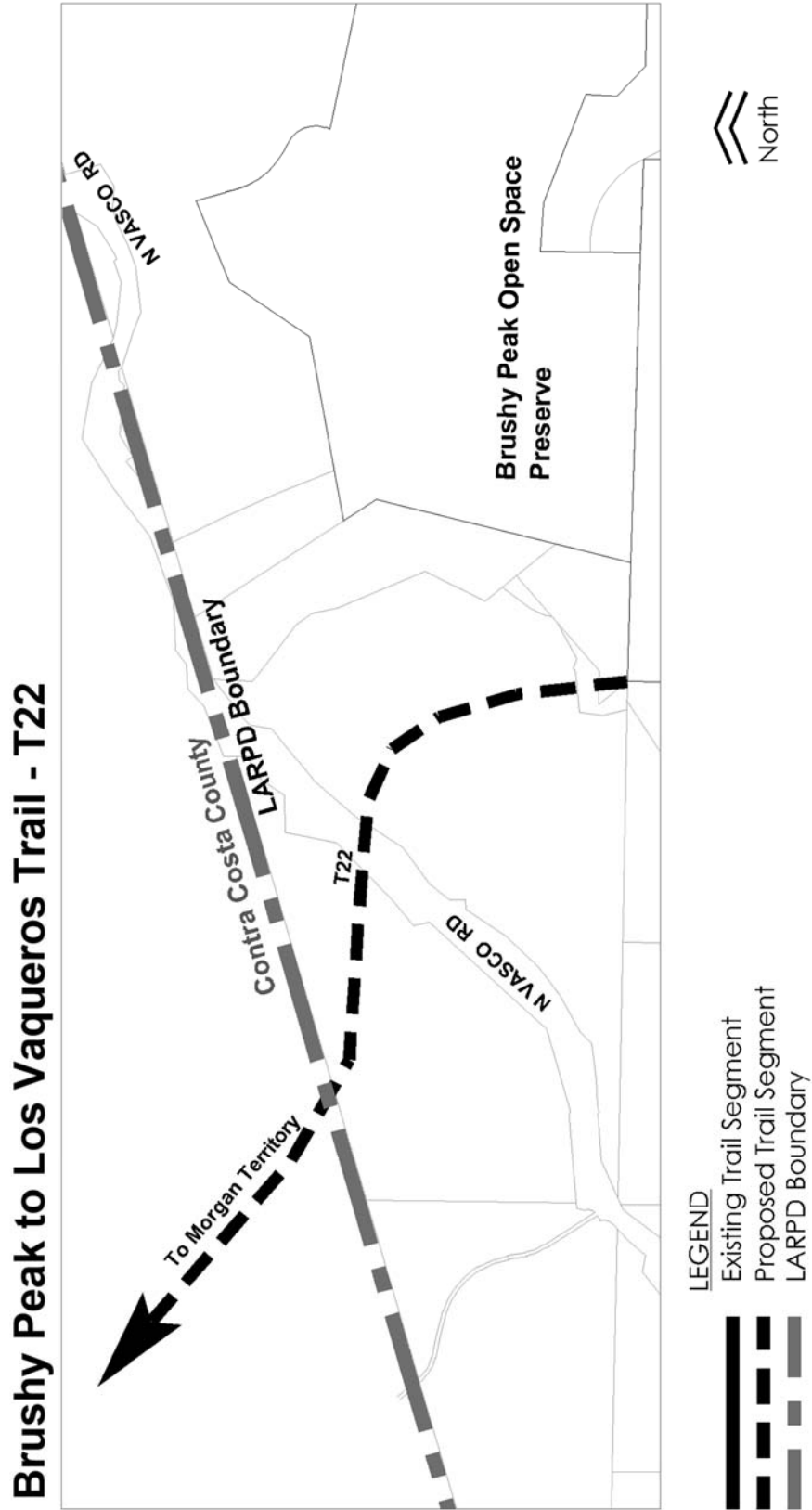
Purpose/Significance: This trail provides recreation opportunities in northern Alameda County.

Trail Alignment: A – The existing trail begins at Constitution Drive along Collier Canyon Creek and heads north along the creek to Las Positas College. B – From the northern edge of Las Positas College, the proposed trail would continue north along Collier Canyon Road, ultimately connecting to the Doolan Canyon Trail (T20) and possibly extending into Contra Costa County. The exact alignment has not yet determined and should be evaluated in the future.

Additional Information: Segment B would be located in Alameda County outside the Livermore city limit line and urban growth boundary. The trail traverses privately owned parcels with agriculture zoning designations; therefore, communication/negotiation with multiple property owners will be necessary for successful implementation.

Cost Estimates:

Proposed Trail Segments/Trail Types	B	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved with EQ	\$2,850,000	\$2,850,000	\$1,140,000	\$3,990,000



Brushy Peak to Los Vaqueros Trail – T22

Status: Proposed trail

Location: In northeast Livermore, it generally follows a north-west direction.

Trail Classification: Multi-Use Unpaved.

Length: 1.61 miles

Cost Estimate: \$690,000

Trail Connections: Brushy Peak internal trail system

Purpose/Significance: This trail provides connectivity between Brushy Peak and Contra Costa County with possible trail connections to the Cayetano Creek Trail, Morgan Territory, and Los Vaqueros Watershed. This trail would also serve as a segment of the De Anza National Historic Trail.

Trail Alignment: Trail would connect the northwest portion of Brushy Peak to Contra Costa County. A natural-surfaced trail route has been established for a long segment extending from Los Vaqueros Watershed to within approximately 320 feet of the Brushy Peak Preserve. There is an existing culvert near the northern boundary of Brushy Peak that could be used as an undercrossing for Vasco Road.

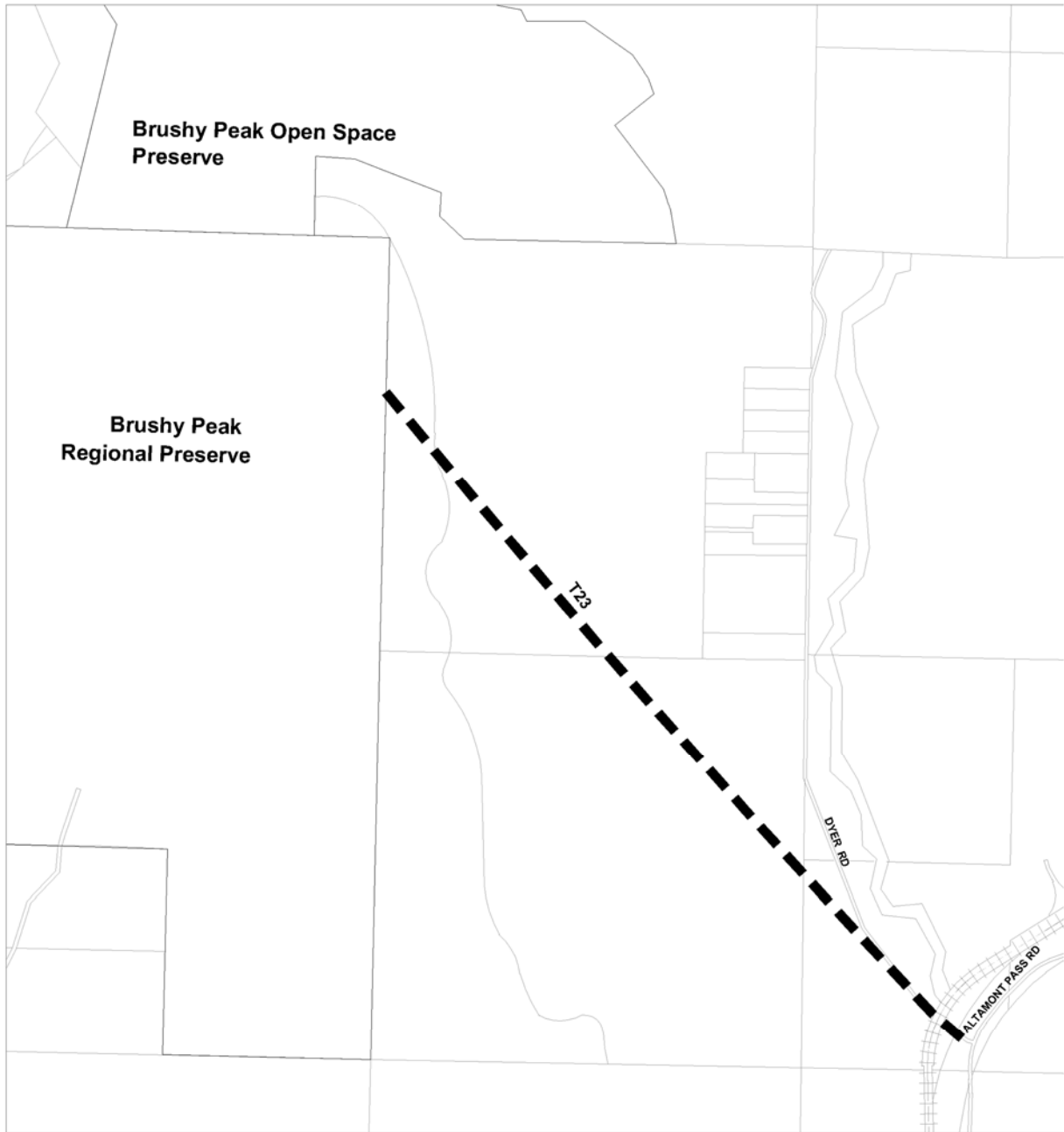
Additional Information:

Contra Costa Water District currently manages a long distance trail from Los Vaqueros Watershed to the outer boundary of Brushy Peak (Trail #5, Black Hills Trail). This proposed trail is located in Alameda County outside the Livermore city limit and urban growth boundary. Coordination with East Bay Regional Park District, Contra Costa County, and Contra Costa Water District is essential. Communication with the National Park Service is necessary if this trail is to become a portion of the De Anza National Historic Trail.




Cost Estimates:

Proposed Trail Segments/Trail Types	T22	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Unpaved	\$490,000	\$490,000	\$200,000	\$690,000

Brushy Peak Connector Trail - T23



LEGEND

-  Existing Trail Segment
-  Proposed Trail Segment
-  LARPD Boundary



Brushy Peak Connector Trail – T23

Status: Proposed trail

Location: In northeast Livermore, north of Altamont Pass Road and east of Greenville Road. It generally follows a north-south direction.

Trail Classification: Multi-Use Unpaved

Length: 2.57

Cost Estimate: \$1,100,000

Trail Connections: Iron Horse Trail (T16), Brushy Peak internal trail system

Purpose/Significance: This trail would provide a continuous trail opportunity from Brushy Peak to Del Valle State Recreation Area, via the Iron Horse, South Bay Aqueduct, and Mines Road trail connections. This trail would also serve as a segment of the De Anza National Historic Trail.

Trail Alignment: The proposed trail begins at the intersection of the Iron Horse Trail (at Altamont Pass Road) and Dyer Road. The trail will head north towards Brushy Peak, following one of three potential routes: adjacent to Dyer Road; along the aqueduct east of Dyer Road; or along the eastern ridgeline where turbines are currently located. Regardless of the route chosen, this trail will connect with the internal Brushy Peak Regional Park trail system.

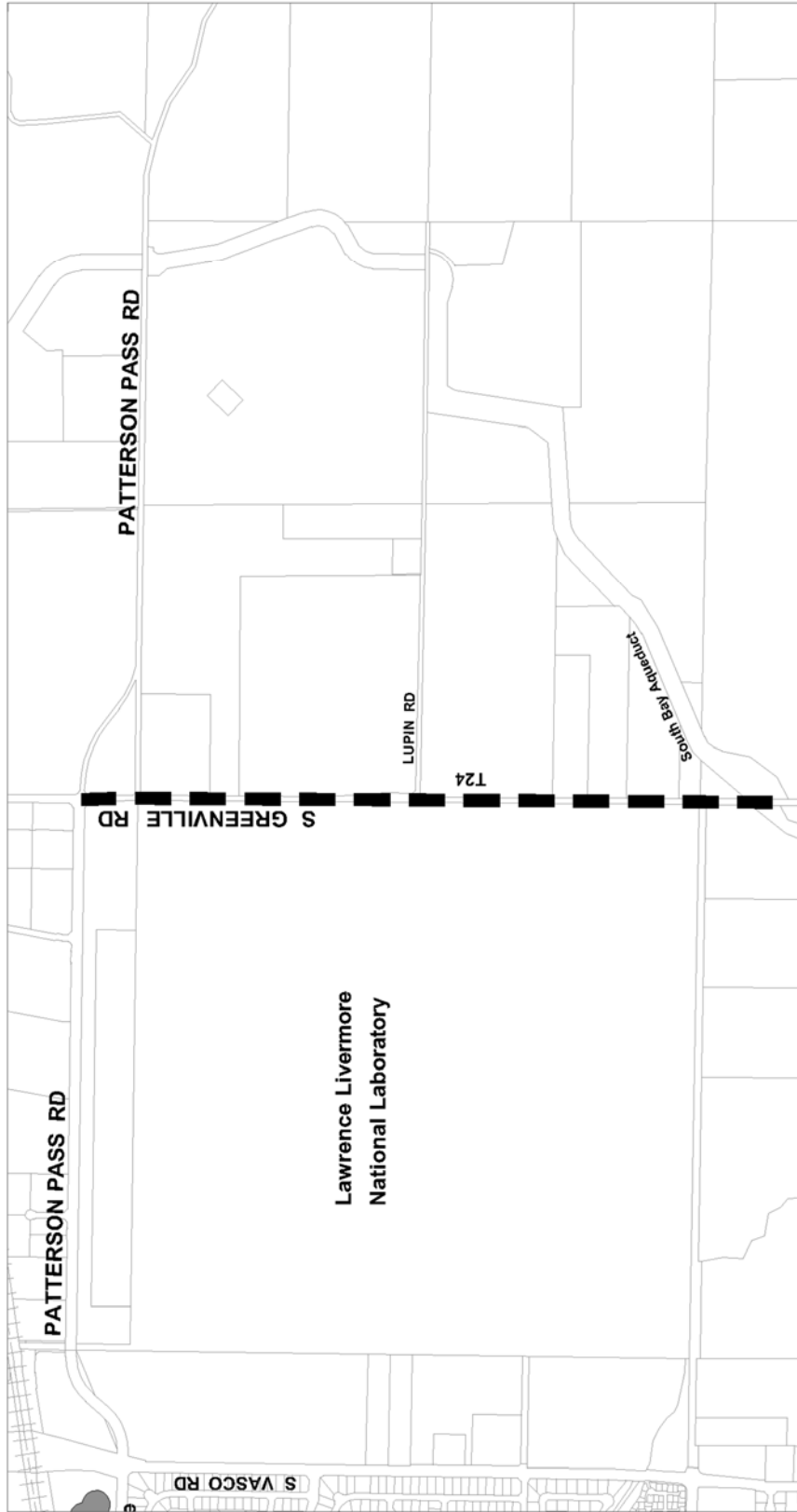
Additional Information: Dyer Road route: The potential alignment along Dyer Road transverses multiple privately owned parcels with agriculture zoning designations. Communication/negotiation with property owners will be necessary for successful implementation. Aqueduct route: Coordination with Department of Water Resources is required in order to implement a trail adjacent to the aqueduct.

Ridgeline route: The current turbine configuration and private property ownership along the ridgeline make an alignment along the eastern ridgeline unlikely. However, Wind Power is currently considering a turbine replacement plan, with the ultimate goal to replace the smaller less efficient turbines with larger (and fewer), more efficient turbines. Through coordination and open communication, strategic placement of future turbines could result in a layout that allows future trail access through this area. All potential alignments of this trail are located in Alameda County outside the Livermore city limit line and urban growth boundary. Because the eastern portion of Brushy Peak is a preserve and not open to the general public without guided tour, any trail providing access from the eastern side of the park will need to be aligned to limit visual and geographic proximity to sensitive lands. Coordination with East Bay Regional Park District, Department of Water Resources, and/or Wind Power is essential. Communication with the National Park Service is necessary if this trail is to become a portion of the De Anza National Historic Trail.

Cost Estimates:

Proposed Trail Segments/Trail Types	T23	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Unpaved	\$780,000	\$780,000	\$320,000	\$1,100,000

Greenville Road Trail - T24



LEGEND

-  Existing Trail Segment
-  Proposed Trail Segment
-  LARPd Boundary



Greenville Road Trail – T24

Status: Proposed trail

Location: In east Livermore, it generally follows a north-south direction parallel to Greenville Road and adjacent to the Lawrence Livermore Lab.

Trail Classification: Multi-Use Paved

Length: 1.23 miles

Cost Estimate: \$1,520,000

Trail Connections: Patterson Pass Trail (T8), South Bay Aqueduct Trail (T15)

Purpose/Significance: Serves as a connector between two multi-use trails and provides an off-road alternative for bicycle commuters and recreation users on the east side of the Lawrence Livermore Lab.

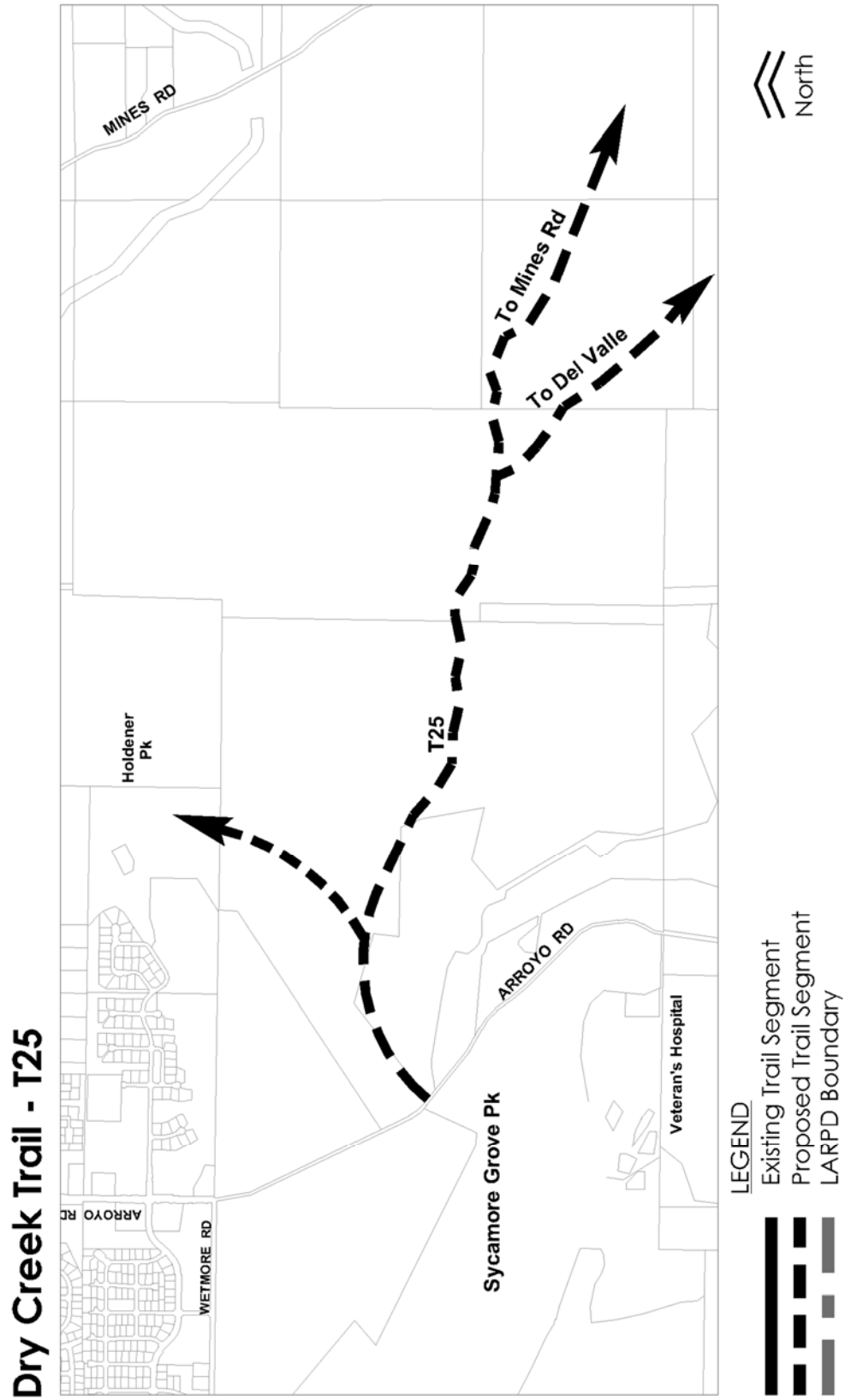
Trail Alignment: The proposed trail would parallel Greenville Road, connecting Patterson Pass Trail with the South Bay Aqueduct Trail.

Additional Information: The proposed trail is constrained by property ownership. If the proposed trail follows an alignment along the east side of Greenville Road it will need to cross approximately nine parcels. The west side of Greenville Road is owned by Lawrence Livermore Laboratory.

This proposed trail is outside the Livermore city limit line but inside the urban growth boundary.

Cost Estimates:

Proposed Trail Segments/Trail Types	T24	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved	\$1,100,000	\$1,100,000	\$420,000	\$1,520,000



Dry Creek Trail – T25

Status: Proposed trail

Location: In southeast Livermore, it generally follows an east-west direction along Dry Creek.

Trail Classification: Multi-Use Unpaved

Length: 3.23 miles

Cost Estimate: \$1,380,000

Trail Connections: Arroyo Road Trail (T13), Holdener Park, Del Valle State Recreation Area internal trail system

Purpose/Significance: Provides a connection from Arroyo Road to Holdener Park and the east side of the Del Valle State Recreation Area to Mines Road.

Trail Alignment: The proposed trail extends from Arroyo Road, generally following Dry Creek. At an unknown location, a spur trail will provide a connection to Holdener Park. Further along the trail would split, with one segment connecting with Mines Road and the other with the Del Valle State Recreation Area.

Additional Information: The proposed trail is located in Alameda County outside the Livermore city limit line and urban growth boundary. This trail traverses privately owned parcels with agriculture zoning designations. Because of this, communication/negotiation with property owners will be necessary for successful implementation. Coordination with East Bay Regional Park District is essential.

Cost Estimates:

Proposed Trail Segments/Trail Types	T25	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Unpaved	\$980,000	\$980,000	\$400,000	\$1,380,000

Cedar Mountain Trail - T26



Cedar Mountain Trail – T26

Status: Proposed trail

Location: In southeast Livermore, it generally follows an east-west direction to Cedar Mountain.

Trail Classification: Multi-Use Unpaved

Length: 2.32 miles

Cost Estimate: \$1,010,000

Trail Connections: Del Valle State Recreation Area internal trail system

Purpose/Significance: This proposed trail provides connectivity between the Del Valle State Recreation Area and Cedar Mountain with the possibility to connect to Mines Road. Because of the remote location along territory inaccessible by car, the trail will provide unique scenic qualities and extensive view sheds.

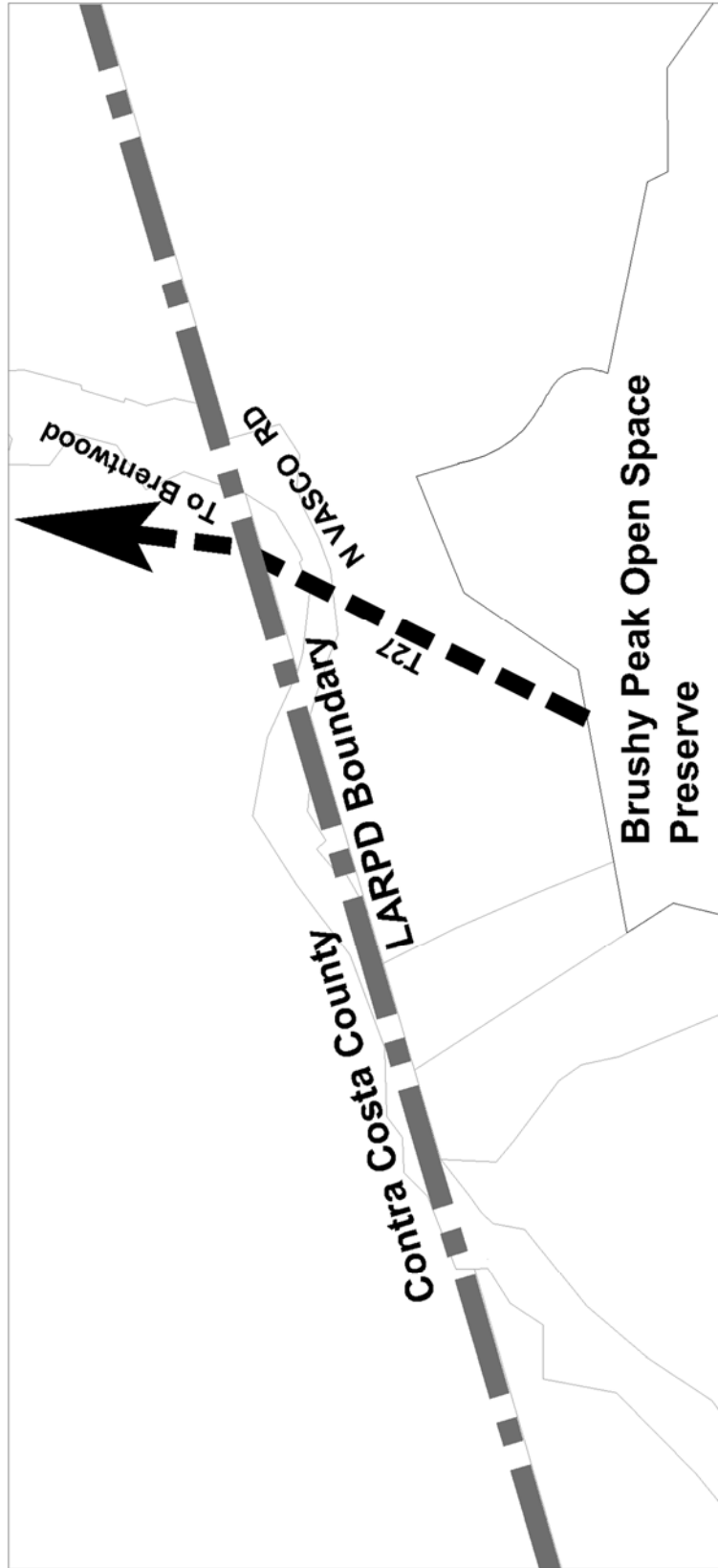
Trail Alignment: The proposed trail extends from an unknown location on the southeast side of the Del Valle State Recreation Area eastward to the Cedar Mountain area.

Additional Information: The proposed trail is located in Alameda County outside the Livermore city limit line and urban growth boundary. This trail traverses privately owned parcels with agriculture zoning designations. Because of this, communication/negotiation with property owners will be necessary for successful implementation. Coordination with East Bay Regional Park District is essential.

Cost Estimates:

Proposed Trail Segments/Trail Types	T26	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Unpaved	\$710,000	\$710,000	\$300,000	\$1,010,000

Brushy Peak to Brentwood Trail - T27



Brushy Peak to Brentwood Trail – T27

Status: Proposed trail

Location: In northeast Livermore, starting at Brushy Peak, it generally follows a north-east direction to Contra Costa County.

Trail Classification: Multi-Use Unpaved

Length: .53 miles

Cost Estimate: \$270,000

Trail Connections: Brushy Peak internal trail system

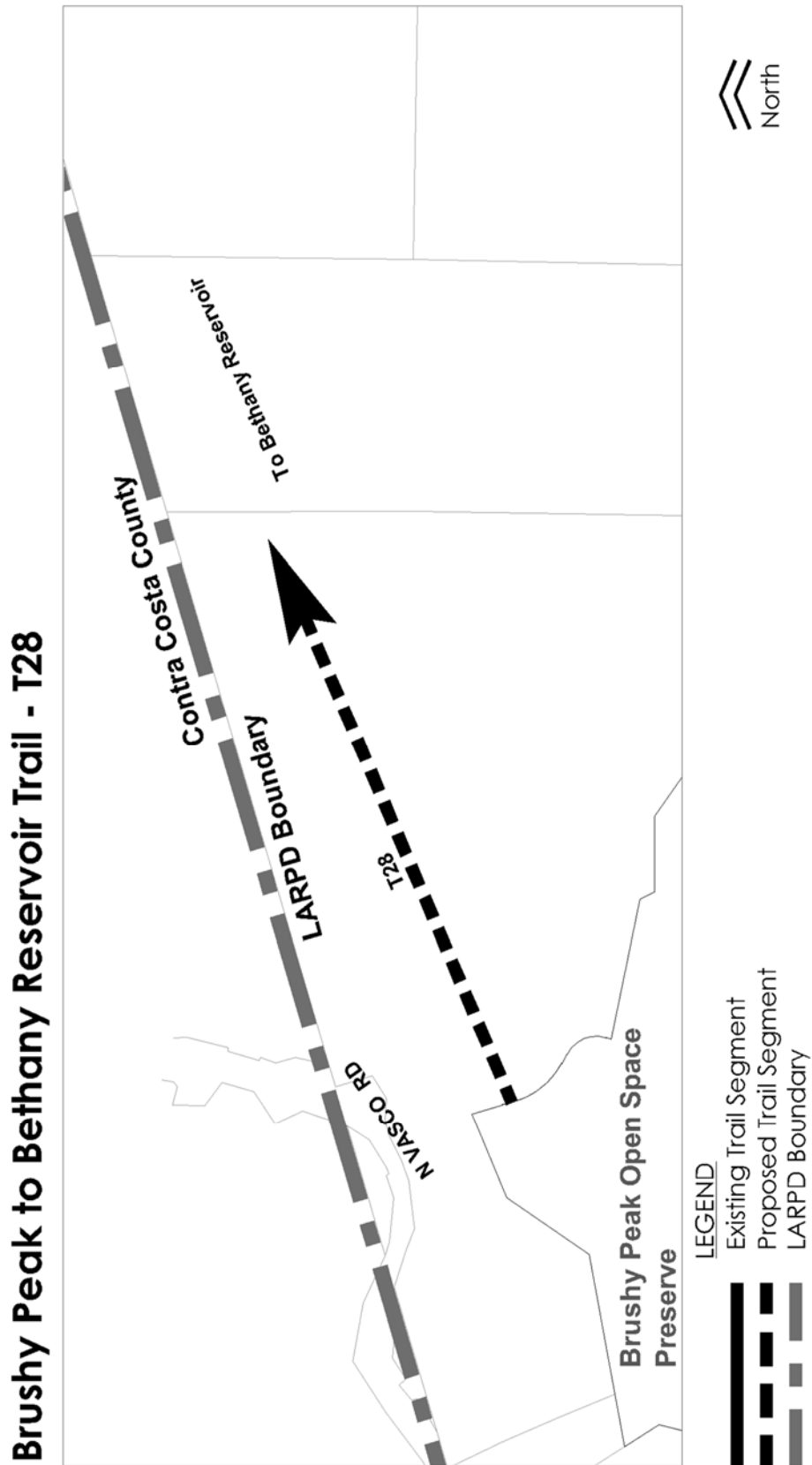
Purpose/Significance: This trail will provide connectivity between Brushy Peak and Contra Costa County with a possible trail connection to the Brentwood area.

Trail Alignment: Specific alignment is unknown at this time. The proposed trail would extend from the northern part of Brushy Peak and follow a north-east alignment to the Brentwood area.

Additional Information: The segment of the trail proposed within Alameda County lies outside the Livermore city limit line and urban growth boundary. This trail traverses privately owned parcels with agriculture zoning designations. Coordination with East Bay Regional Park District and Contra Costa Water District is essential for trail implementation.

Cost Estimates:

Proposed Trail Segments/Trail Types	T27	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Unpaved	\$200,000	\$200,000	\$70,000	\$270,000



Brushy Peak to Bethany Reservoir Trail – T28

Status: Proposed trail

Location: In northeast Livermore, starting at Brushy Peak, it generally follows a north-east direction to Bethany Reservoir.

Trail Classification: Multi-Use Unpaved

Length: 1.93 miles

Cost Estimate: \$830,000

Trail Connections: Brushy Peak internal trail system

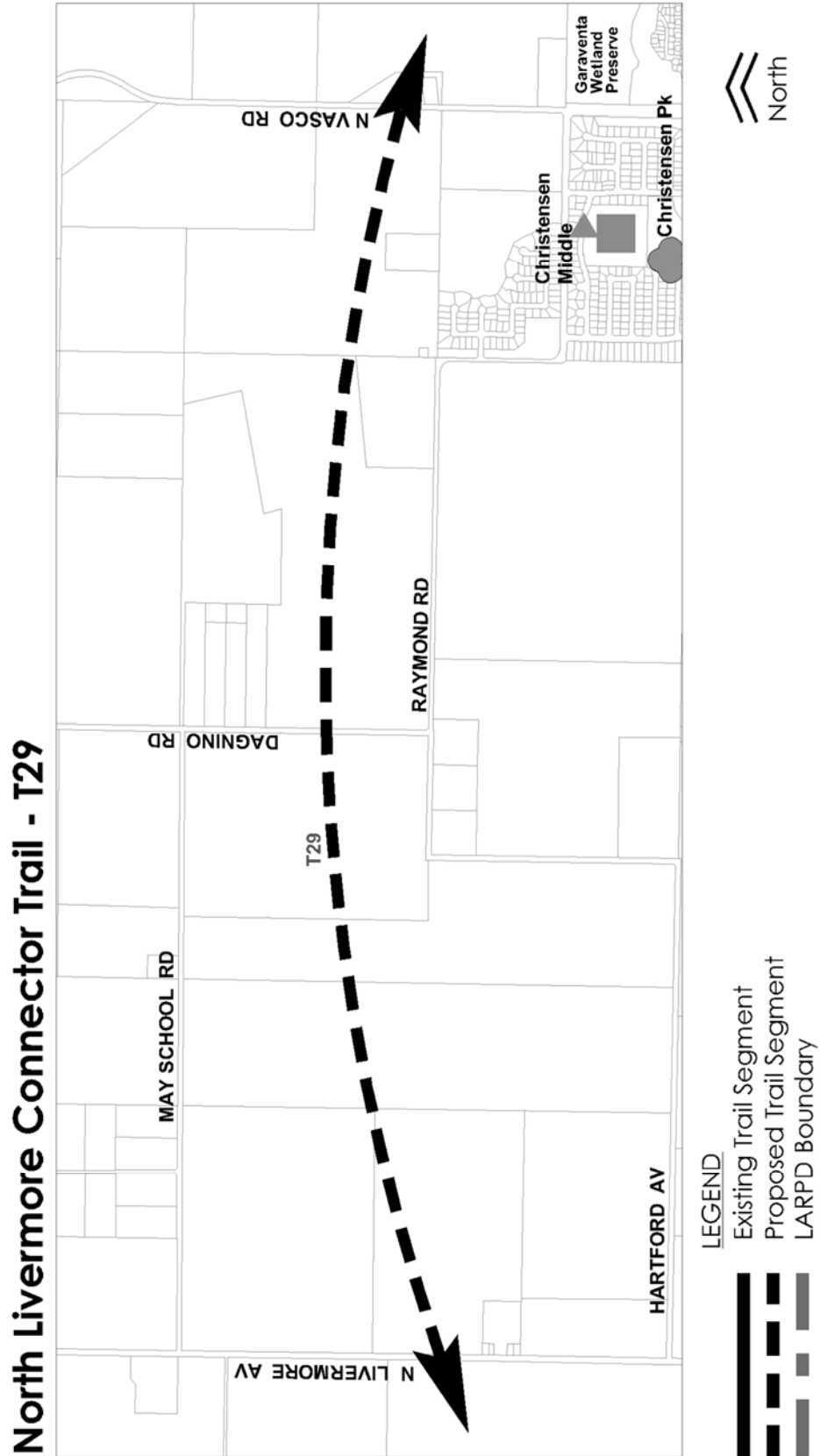
Purpose/Significance: This trail provides connectivity between Brushy Peak and Bethany Reservoir.

Trail Alignment: The proposed trail would extend from an unknown location within Brushy Peak northeast to the South Bay Aqueduct. The trail would then follow the South Bay Aqueduct into Bethany Reservoir.

Additional Information: This trail is proposed within Alameda County and lies outside the Livermore city limit line and urban growth boundary. Segments of this trail traverse privately owned parcels with agriculture zoning designations. A major segment of the trail is proposed along the South Bay Aqueduct which is operated by the California Department of Water Resources (DWR). A feasibility study that addresses DWR’s operational issues is necessary in order to develop a regional trail which shares the Aqueduct’s service roads. Coordination with East Bay Regional Park District is essential.

Cost Estimates:

Proposed Trail Segments/Trail Types	T28	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Unpaved	\$590,000	\$590,000	\$240,000	\$830,000



North Livermore Connector Trail – T29

Status: Proposed trail

Location: In north Livermore, it generally follows an east-west direction from Vasco Road to northwest Livermore.

Trail Classification: Multi-Use Paved with Equestrian Component

Length: 2.55 miles

Cost Estimate: \$3,100,000

Trail Connections: Cayetano Creek Trail (T1)

Purpose/Significance: This trail would provide connectivity from the residences in Northeast Livermore to businesses, neighborhoods, and Las Positas College in Northwest Livermore.

Trail Alignment: The proposed trail extends from an unknown location at or near Vasco Road and extends to an undetermined location in northwest Livermore, possibly along North Livermore Avenue.

Additional Information: The majority of the proposed trail is located in Alameda County outside the Livermore city limit line and urban growth boundary. This trail traverses privately owned parcels with agriculture zoning designations. Additionally, many parcels within North Livermore contain critically sensitive habitat (alkali sink wetlands) and endangered species (including Bird’s Beak plants). If a trail alignment traverses these sensitive properties, the trail should include interpretive elements and may be comprised of an elevated boardwalk structure.

Cost Estimates:

Proposed Trail Segments/Trail Types	T29	Total Construction Estimate	Contingency	TOTAL Estimated Cost
Multi-Use Paved with EQ	\$2,200,000	\$2,200,000	\$900,000	\$3,100,000

De Anza National Historic Trail

Status: Proposed trail

Location: In eastern Alameda County it generally follows a north-south direction

Purpose/Significance: The De Anza National Historic Trail commemorates the first overland colonizing expedition from Mexico into San Francisco, taken by Spanish explorer Juan Bautista de Anza and 240 immigrants in the winter of 1775-76. As originally planned, the trail would run from Nogales, Arizona to San Francisco, California, However, since the expedition started in Culiacan, Sinaloa, Mexico, plans are under way to include the 600 miles of the route that lie within Mexico to make it the first International Historic Trail in the world.

Trail Alignment: Within LARPD boundaries, the proposed De Anza National Historic Trail would extend from the Contra Costa County line to the Santa Clara County line in eastern Alameda County. The project extends from the SBA trail on Mines road to the Del Valle Dam, following the South Bay Aqueduct to near Holdener Park and connects with the Arroyo Road trail at Dry Creek and continues to Del Valle Dam. The following proposed alignment (from north to south) has been developed in coordination with the National Park Service and East Bay Regional Park District. Rather than following the exact historic route taken by Juan Bautista de Anza, the trail would run co-terminus with the following proposed trails (north to south):

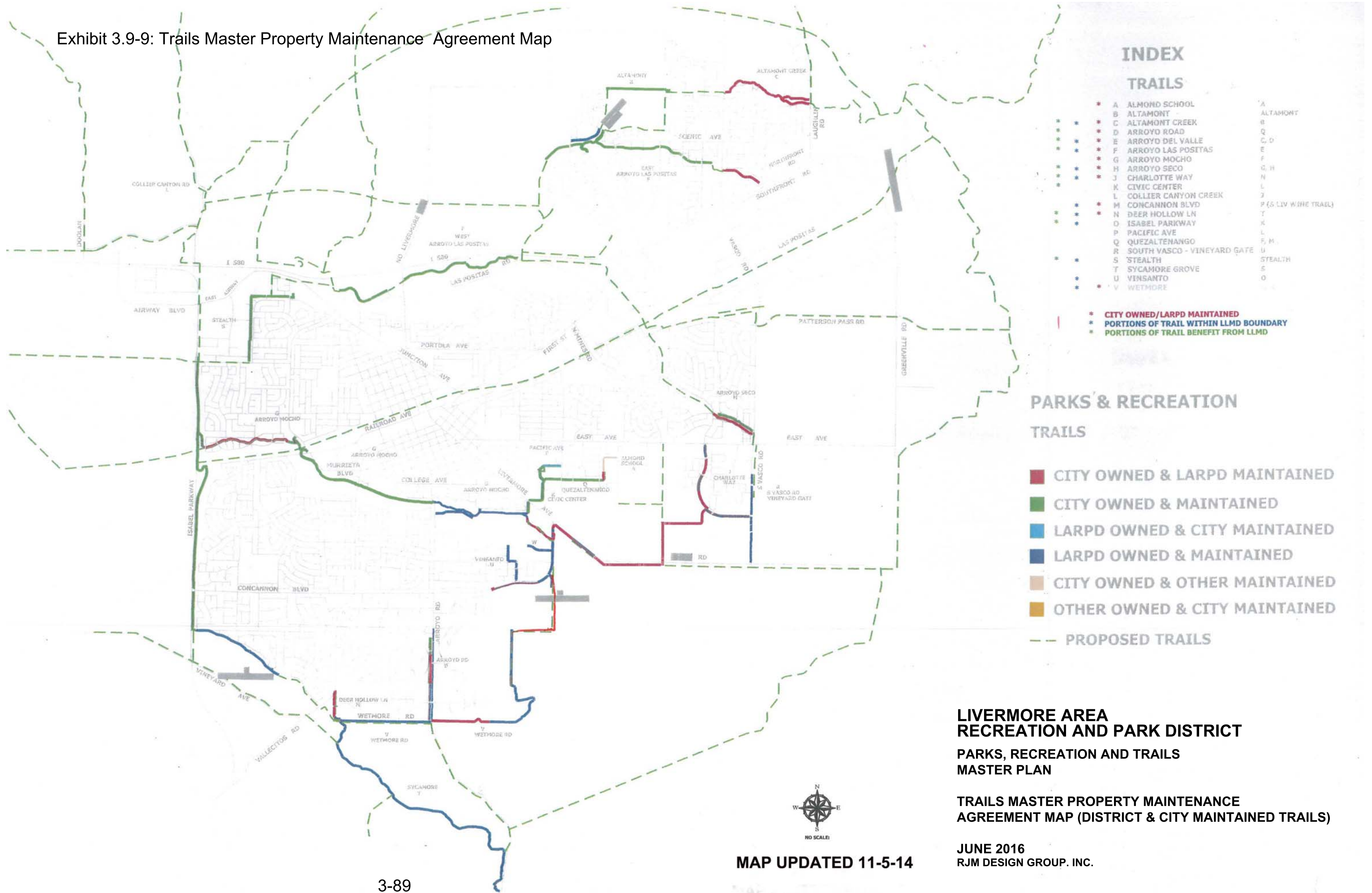
- T22 Brushy Peak to Los Vaqueros Trail
- T23 Brushy Peak Connector Trail
- T16 Iron Horse Trail
- T15 South Bay Aqueduct Trail
- T12 Mines Road Trail
- Ohlone Wilderness Trail

Additional Information:

For further information, please refer to EBRPD's 2013 Master Plan, and the National Park Service official De Anza Trail website at: www.AnzaHistoricTrail.org. Congress designated the Juan Bautista de Anza National Historic Trail in 1990 and authorized the National Park Service to administer it by working with national, state, county, and local agencies as well as private land owners. The trail is located in Alameda County outside the Livermore city limit line, urban growth boundary, and sphere of influence. Coordination with the National Park Service, East Bay Regional Park District, Contra Costa County and Santa Clara County, and property owners is essential for trail implementation.

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Exhibit 3.9-9: Trails Master Property Maintenance Agreement Map



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LARPD



Parks, Recreation and Trails Master Plan

Chapter Four:
Recommendations

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4.0 RECOMMENDATIONS

This Section presents potential opportunities to meet the park and recreation needs identified in the Needs Assessment (Chapter Three) of this Master Plan. These recommendations represent the findings and opinions/suggestions of the consultant and are not Board of Directors approved actions that the District is obligated to pursue or complete.

Fortunately, there are not many existing deficiencies in the Livermore Area Recreation and Park District’s recreation and park system. New elements could be added at existing parks, planned parks, unplanned areas, or new property targeted for acquisition and development. Therefore, solving the needs puzzle could be accomplished in a variety of ways, depending upon specific analysis and design of each site and upon future acquisition outcomes. Moreover, the District’s process of park design and development involves extensive community input that will likely affect park and recreation facility designs. This Master Plan strives to identify opportunities to consider for the development of future parks and facilities to meet identified current and future recreation needs.

For District park projects, choosing a project or projects to pursue occurs as a result of the capital improvement project budget, prioritization processes conducted by the District as part of the budgetary process, and the availability of funding. The chosen projects would then follow a process pathway, with community input, that would determine specific amenities and design for the projects.

4.1 Overall Concept

Satisfaction of identified needs does not appear to be an overly daunting task, because the District has continued to effectively pursue park and recreation facility additions. Continued park and recreation facility planning and development will be needed to satisfy current and future needs. It is recommended that the District pursue satisfaction of park and recreation facility needs by using the following key strategies and improvements.

It is important to acknowledge that phased implementation of new projects is a necessity for budgeting purposes, and because the identified recreation facility needs will gradually grow over time as new homes are built in the community and the population increases. It is recommended that the District review the pace of development growth annually so that plans can be made in a timely manner to coincide with increases in population.

Recommended Actions:

1. Implementation of facilities to meet current (existing) facility needs:
 - 1 multi-sports field
 - 1 youth softball field
2. Phased implementation of facilities to meet future needs:
 - 5 additional multi-sports fields
 - 2 additional adult softball fields
 - 1 additional baseball field
 - 5.5 miles of multi-use trails connections

Highlights

- Recommendations in existing sites and opportunity sites attempt to address all of the identified recreation needs in the District
- Trails, and sports fields are among the top new facility priorities
- Adding field lighting, restrooms and synthetic turf to renovate existing fields will be a reasonable cost solution to meeting demand

3. Increased trail connectivity and opportunities should be emphasized, focusing on corridors and links to adjacent natural open space, parks, schools, neighborhoods and commercial areas
4. The District could consider construction of lighted, synthetic turf multi-use sports fields by a combination of delivery methods: by renovating existing fields or developing new special use / sports park land
5. New residential development could be planned to include park and recreation facilities that adequately serve the planned population and complement and enhance the District park system as a whole
6. Continue to provide park land acreage quantities consistent with the District’s standard of two (2) acres per 1,000 residents for each of the three categories - neighborhood, community and special use parks, with appropriate distribution throughout the community

4.2 Recommendations for Current and Future Field Sport Facility Needs

The following paragraphs provide more specific details for each of the four priority items identified in the Facility Needs Summary, Section 3.9.1.

4.2.1 Sports Fields

To resolve existing deficiencies for multi-sports fields in the short term, it is recommended that the addition of two full-sized soccer capable sports fields be constructed at Robertson Park, in the area that is currently unpaved parking for the rodeo. The annual rodeo occurs over one weekend in the summer, so the fields could be utilized for parking during the rodeo, then reconditioned for field sports use. Parking is abundant in Robertson Park, as well as other amenities normally associated with field sport practices, games and tournaments. The following Exhibit 4.2.1-1 illustrates the location and concept for this recommendation.

Exhibit 4.2.1-1: Robertson Park Concept Diagram



The emerging sports of lacrosse and rugby, and the growth of soccer as a year-round sport has put immense pressure on natural turf fields to handle winter sport activities. LARPD has planned well to have achieved construction of three all-weather synthetic, lighted sports fields in the community. In the future it is recommended that the District consider continuing constructing lighted synthetic turf fields wherever synthetic fields are planned, to obtain maximum usefulness of the investment. The long term water savings and maintenance cost savings will benefit the sustainability of District operations. It is important, however, to initiate a budget set-aside (also known as depreciated value) for replacing the turf blade mat and rubber/sand infill mix, as the surface wears out after approximately 8 to 12 years. To meet future field requirements, it is recommended that the District consider planning for a Special Use Park to accommodate multi-sports fields. A large sports complex could include two synthetic lighted fields and two natural turf lighted fields that would accommodate all of the future rectangular sport field needs of the community (soccer, football, rugby, lacrosse, and possibly cricket). By building lighted synthetic fields, the District would achieve a much higher number of playable hours on the surface, and accommodate the needs of the community more efficiently.

Recommended Actions:

1. Convert the parking lot at the Robertson Park rodeo facility to two full-sized multi-sports fields.
2. Plan for a future multi-field sports complex Special Use Park.

4.2.2 Youth and Adult Softball

The recommendation is to acquire land to construct a Special Use Park with a dedicated softball complex that could be phased a field or two at a time to meet both adult and youth softball needs. Additionally, the Livermore girls softball league does not have a “home field” complex complete with concessions and normal amenities associated with the sport. The proposed complex could have a wagon-wheel shaped field complex to meet the anticipated needs.

Recommended Actions:

Consider planning for a future Special Use Park that would have a dedicated, lighted complex with adequate space to phase the construction of four fields.

4.3 Trails

According to the Demand and Need Analysis completed for this Master Plan, LARPD currently meets the demand for bicycle paths and walking/jogging trails, but will need another 5.5 /jogging trails by the time the District reaches ultimate build-out. Because the District collaborates with other agencies to plan and construct mostly multi-use trail facilities, these are treated as one requirement of 5.5 miles of multi-use trails. As demonstrated during the community input phase of this Master Plan, trail usage in the District is very heavy and is one of the highest priorities. There are currently many gaps in the existing trail network that should be focused on in the near term as the first priority. Future trail extensions should be planned and strategized through collaboration with EBRPD, the City of Livermore, and Alameda County as well as other entities. The shared role of EBRPD with in the LARPD service area is a vital one. Please refer to the "Agreement Between LARPD and EBRPD for the Cooperative Provision of Park and Recreation Facilities and Services and Tax Sharing" (1992) included by reference and found at

www.larpd.org on the Master Plan page. The City of Livermore and LARPD share responsibility for some park ownership and trail maintenance within the city limits. EBRPD manages and maintains trails connecting to LARPD trails; it also prepared a Bicycle and Pedestrian Master Plan. The following trail exhibits indicate the segments that were listed as priorities by the community:

- South Livermore Valley Trail – T10
- Arroyo Mocho/El Charro Road Trail – T19
- Brushy Peak to Los Vaqueros T22
- Sycamore Grove T23, T16, T15, T10
- Connect to Iron Horse Trail T16
- Connections over/under the 580 Freeway (Isabel Trail) T5
- College Trail T3

Additionally, the following trails were previously identified as high priorities in the previous Parks and Recreation Master Plan and still remain current priorities:

- Arroyo Las Positas Trail – T6
- Isabel Trail – T5
- Jack London Trail – T14
- Watershed Crest Trail – T22

Equestrian trails are a unique feature of the trail system in Livermore. The existing system in Sycamore Grove Park and Robertson Park provide varying terrain and riding opportunities, but there is a need for completion of gaps in the system, as well as additional opportunities in the North Livermore area. It is recommended that the District collaborate with Caltrans, Alameda County, EBRPD, City of Livermore and the Bay Area Rapid Transit Authority to ensure proper height and width clearances are planned for in the undercrossing of I-580 near the planned BART Station. The vertical clearance should be a minimum of 12 feet above trail tread surface, and horizontal clearance width should be 10 feet (per US DOT Federal Highway Administration’s Equestrian Design Guidebook for Trails, Trailheads and Campgrounds, www.fhwa.dot.gov).

LARPD, EBRPD and TVC are currently working on the completion of the Shadow Cliffs to Del Valle Trail, including a bridge crossing over Arroyo Del Valle. LARPD utilizes a temporary bridge constructed to allow seasonal passage, and the new bridge will allow for year-round use of the trail. The approximately .67 mile gap from Wetmore Road end of the segment that connects to Isabel Avenue (T11) is also currently in negotiations for land acquisition and funding. Of all the remaining gap segments, the trails that are the District’s direct ownership and thus responsibility to construct independent of joint City and EBRPD efforts is the Arroyo Las Positas Trail/Altamont Creek Trail (T4) and parts of the Arroyo Mocho Trail (T19). The gaps in the Arroyo Las Positas Trail/Altamont Creek Trail amount to approximately 4.2 miles of future construction. The Arroyo Mocho Trail will be a City/District collaboration of approximately 1.3 miles to complete the planned system.

Recommended Actions:

1. Collaborate with EBRPD, City of Livermore to complete the gap segments in the South Livermore Valley Trail (T10) and Altamont Creek/Arroyo Seco (T4) Trails.
2. Collaborate with EBRPD and City of Livermore for future trail extensions to connect Del Valle Park to Brushy Peak, and the Arroyo Mocho Loop Trail.

3. Collaborate with EBRPD, City of Livermore, Caltrans, Alameda County, BART Authority to develop standards for I-580 undercrossing and equestrian trail expansion.

4.4 Park Land Acreage

Based on the District's park land standards totaling 6 acres per 1,000 residents (2 for neighborhood parks, 2 for community parks and 2 for special use parks), a current park land deficit of 32.10 acres of neighborhood park land, 33.01 acres of community park land and a surplus of 13.61 acres of special use parks exists. A future cumulative deficit of 71.52 acres of neighborhood park land, 72.43 acres of community park land, and 25.83 acres of special use park land will occur if no new park land is added and the District continues to grow as anticipated.

Recommended Actions:

Park land development for existing deficiencies are identified within the existing funding mechanisms. The cost for meeting these existing deficiencies cannot be borne by new development alone. New development should pay its fair share for the impact that new residents of the District place on services, meaning acquisition and development of new neighborhood parks and proportionate percentages of community parks, special use parks and trails. The District should plan for acquisition of park land to meet the facility needs and the park acreage goals of the community, and collaborate with the City and land developers to negotiate favorable developer funding for additional park land acquisition and development. Funding will be the key issue, as discussed in the next section.

4.5 Parks and Recreation Facility Renovation Recommendations

Exhibit 4.5-1, Summary of Renovations, lists all of the proposed facility renovation recommendations including the quantity of elements proposed.

Proposed recommendations are intended to show general feasibility only, for purposes of community-wide park and recreation master planning. When specific projects are undertaken in the future, master plans and/or phasing plans should be generated and refined in accordance with environmental considerations, accurate topographical information, community input, and cost considerations in effect at the time.

Exhibit 4.5-1 – Summary of Recommended Renovations and Improvements

Recreation Facility Recommendations	Community / Passive Facilities											Athletic Facilities						
	Building	Pruning and Renovation	Irrigation Renovation	Replace Turf w/ Native Plantings	Naturalize/Restore Creek	Picnic Tables,	Group Picnic Area (Tables, BBQ,	Parking Lot	Playground	Restroom	Turf Recondition	Miscellaneous	Baseball	Basketball Court	Skate Park	Sports Field	Swimming Pool	Add Field Lighting
Al Caffodio Park		1								1								
Almond Park								1a			1b							
Altamont Creek Park										1								
The Barn	1c																	
Big Trees Park						3		1			1c							
Bill Clark Park								1d										
Bothwell Park and Recreation Center	1																	
Bruno Canziani Park						1					1e							
Brushy Peak																		
Camp Shelly									1									
Cayetano Park																		
Carnegie Park and Building																		
Christensen Park		1	1							1			1					
El Padro Park			1			2												
Ernie Rodrigues Sports Fields		1						1										
Garaventa Wetlands Preserve											1f							
Hagemann Park			1															
Hal Chestnut Airfield								1										
Holdener Park				1					1									
Ida Holm Park						1												
Independence Park											a,g		1					
Jack Williams Park											h							
Karl Wente Park						1												
Lester J. Knott Park						1i												
Livermore Downs Park											A							
Maitland R. Henry Park		1									a							
Marlin A. Pound Park			1							1								
Max Baer Park								1		g								
May Nissen Park								1			A		4			2		
Mocho Park											c,i							
Northfront Park																		
Pleasure Island Park							1				g,j							
Ralph T. Wattenburger Park			1								i							
Ravenswood Historic Site							1	1			g							
Ravenswood Park											k							
R. E. Merritt Building			1															
Robert Livermore Community Center/ Pool		1																
Robertson Park								1							2			
Summit Park																		
Sunken Gardens											i,A,L							
Sunset Park							1				g,h							
Sycamore Grove Park	4R			1														
Tex Spruiell Park											i		1					
Veterans Memorial Building																		
Vista Meadows Park		1									k							
William (Bill) J. Payne Park							1		1		C							2

Footnotes (see following page):

Table 4.5-1 Footnotes:

- L = Add bike skills park
- R = Renovate existing facility
- C=Landscape parking lot and fire sprinklers, accessibility upgrades
- A = Master plan facility renov.

Miscellaneous Items:

- a = Install playground surface material
- b = Install lighting in dark spots of site
- c = Structural improvements
- d=Upgrade equipment; e=direction signs
- f = Install path around park
- g = Concrete path needed and/or repair needed
- h=Install split rail fence to prevent shrub bed damage
- i = Install grill at tables
- j = Site accessibility upgrades needed; k=Irrigation audit to adjust application rate

4.6 Capital Improvement and Land Acquisition Costs

The following capital cost estimates are divided into the following sections:

1. Renovation and or expansion of existing facilities to meet existing and future needs (found on Exhibit 4.6.1)
2. New park acquisition and development to meet existing deficiencies (found on Exhibit 4.6.2)
3. New park and acquisition and development to meet future needs (found on Exhibit 4.6.3).

4.6-1 Park and Facility Capitol Renovation Conceptual Construction Cost Estimate

Summary of conceptual construction costs:
Estimated costs range from \$10,400,000 to \$12,000,000

The conceptual budget estimates total approximately \$8,000,000 and contingency ranges between 30% to 50% to account for fluctuations in the cost of individual items. This estimate should be escalated each year, utilizing a common standard (for example, a Consumer Price Index) to account for increases in inflation and construction materials and labor costs.

4.6-2 Park and Facility Development Currently Needed:

<u>Park Site</u>	<u>Item</u>	<u>Units</u>	<u>of</u>	<u>Unit \$ Range</u>		<u>Subtotal</u>		
Neighborhood Park	Land Acquisition	32.10	ac	200,000 to	300,000	6420000	to	9630000
32.1 ac to meet curent demand	Land Development	32.10	ac	250,000 to	300,000	8025000	to	9630000
	Subtotal					14445000	to	19260000
Community Park (33.01 ac. to meet current demand)	Land Acquisition	33	ac	200,000 to	300,000	6602000	to	9903000
	Land Development	33	ac	300,000 to	350,000	9903000	to	11553500
	Subtotal					16505000	to	21456500
Special Use Park (demand is met)	Land Acquisition	0	ac	200,000 to	300,000	0	to	0
	Land Development	0	ac	350,000 to	400,000	0	to	0
	Subtotal					0		0
						33700000		44291500
Renovation totals						\$10,400,000	to	\$12,000,000
TOTALS						\$35,548,500		\$44,623,000

Park and Facility Development needed to satisfy future demands are listed in the chart below. These figures assume that, in the future, the existing demands above have been met. The figures below represent the impacts that new development will create in the District as new residents move into the area and impact recreation utilization:

4.6-3 Park and Facility Development for Future Needs

<u>Park Site</u>	<u>Item</u>	<u>Units</u>	<u>of</u>	<u>Unit \$ Range</u>		<u>Subtotal</u>		
Neighborhood Park	Land Acquisition	39.42	ac	200,000 to	300,000	\$7,884,000	to	\$11,826,000
39.42* ac to meet future need	Land Development	39.42	ac	250,000 to	300,000	\$9,855,000	to	\$11,826,000
	Total					\$17,739,000	to	\$23,652,000
Community Park (39.42* ac. to meet future demand)	Land Acquisition	39.42	ac	200,000 to	300,000	\$7,884,000	to	\$11,826,000
	Land Development	39.42	ac	300,000 to	350,000	\$11,826,000	to	\$13,797,000
	Total					\$19,710,000	to	\$25,623,000
Special Use Park (25.81* ac. to meet future demand)	Land Acquisition	25.81	ac	200,000 to	300,000	\$5,162,000	to	\$7,743,000
	Land Development	25.81	ac	350,000 to	400,000	\$9,033,500	to	\$10,324,000
Trails Construction		5.5	mi	500,000 to	650,000	\$2,750,000	to	\$3,575,000
Future Funding Total						\$49,232,500	to	\$63,174,000
* figures are shown for future land quantities only, assumes that the existing demands in table above have been met before counting the future cost (so as to prevent double-counting the overall cost to meet current and future needs)								

4.7 Funding Information

Description of Financing Mechanisms for Local Park Agencies

A variety of financing methods are used by special districts and other governmental agencies to finance the acquisition, development, maintenance, and operation of parks and recreation facilities. Many of these will require cooperation and collaboration with other agencies or organizations. This listing is a partial summary of available opportunities and not intended to make any specific recommendation as to what mechanisms are appropriate.

Sources for Both Capital and Operation and Maintenance Funding

The primary vehicles available to LARPD would require cooperation from the City and/or the County to implement a new revenue source. A sales tax increase is levied on the sale of goods and services at the retail level and sometimes are specific or selective being imposed on specific items such as alcohol, tobacco, and gasoline and sometimes earmarked for specific projects. Sonoma County Agricultural Preservation and Open Space District is funded through ¼ cent sales tax and the City of Pico Rivera passed a 1 percent increase to implement their Parks and Recreation Master Plan.

There are a variety of assessment districts that would benefit the District and would require cooperation from the City, primarily with the approval process of new subdivisions. An assessment district is a special purpose mechanism available to local government agencies for developing and maintaining facilities and resources in a defined geographic area. The costs of the facilities are recaptured based on a benefit/assessment spread. They can be established by local government using their authority under the Lighting and Landscape Act of 1972 (L&L) or by voter initiative. The assessments are made on cost per lot, per acre, or some other parcel-by parcel basis.

Another option is a Mello Roos Community Facilities District (CFD). This special district is created to provide certain public facilities and services in a given area. A special tax is imposed on property owners to finance specific public projects. It is secured by taxes within the district and is levied each year for public projects. Taxes can also support maintenance.

LARPD could consider a vote for a “special” property tax for a defined period of time. The tax would be assessed on commercial and residential property and offers a steady stream of revenue to develop and maintain parks. Unless a tax is a “general tax,” a 2/3 vote of the community or affected area is required. Property taxes are relatively easy to administer at the local level, revenues can be accurately predicted, and the tax burden is equitably distributed. Perhaps the most important factor when considering a property tax-backed parks and open space measure is track record. Despite the dislike of property taxes, voters in many communities have been willing to accept an increase when revenues are specifically earmarked for parks.

Sources for Capital Funding

The District currently cooperates with the City in the collection of developer fees, fees assessed on land divisions (Quimby) and on new development (AB 1600). The "Quimby Act" enables local governments to exact the dedication of land or in-lieu fees for parks as part of the subdivision approval process. Although the Act has provided for the acquisition of land for parks in new subdivisions; it has limitations when an area is built. It can provide funds for improvements, but not maintenance. The dedication or fee is based on the local agency adopted park standards per thousand population.

Development Impact Fees (AB 1600 fees) on development is another option for local agencies. The fees or exactions are based on the premise that new development generates new demand for park and recreation facilities. The fees only apply to new development and may only be assessed for new capital cost related to the development. A defined nexus or benefit/beneficiary relationship must be established. The fees are paid by the developer to offset costs for the infrastructure caused by new development.

LARPD could consider one of three types of borrowing as a means to secure funding for public improvements. These include:

General Obligation Bonds: A General Obligation Bond is secured by the public agency's taxing power and is the least expensive form of public debt for public improvements. A general obligation bond is essentially a loan taken out by a city, county or special district against the value of the taxable property in the locality. A bond requires two-thirds voter approval. If passed by voters, ad valorem taxes are simply increased by a specific amount for a specific period. Bond measures require strong support from the community to pass. The advantage of the bonds is that they allow for immediate purchase of land, renovation of existing or development of new facilities. Bond proceeds cannot be used for maintenance and operations.

Revenue Bonds: These are paid from a tax levied for the use of a specific public project or with the proceeds from the fees charged to those who use the facility that the bonds finance. These bonds are not constrained by debt ceilings like general obligation bonds. Voter approval is rarely required, since the government is not obligated to repay the debt if the revenue stream does not flow as predicted. Revenue bonds are more expensive to repay than general obligation bonds.

Certificates of Participation (COP's): COP's are financing techniques that provide long term financing through a lease, installment sale agreement, or loan agreement. They do not constitute indebtedness under the state constitutional debt limitation and are not subject to the statutory requirement applicable to bonds. They are securities designed for the small investor. The COP's require identification of a revenue source for repayment before issuance. Park and recreation facilities with user fees such as golf courses, swimming pools and theatres, are the most viable improvements for this type of financing. Cities, districts, and counties will often pool several public facilities in one issue and pledge future general fund or enterprise revenue for the repayment.

State and Federal Grants

Numerous governmental agencies provide grant opportunities for local park and recreation agencies. Many grant programs are dependent on the passage of bond measures and state or federal legislative action. The availability of funds can vary from year to year. Many require matching funds from the local agency. The programs have specific project criteria that applicants must meet. Although there are some grants available for operations and recreation/educational programs, most of the state and federal programs focus on the acquisition, development and improvement of parks, trails, recreation facilities and the protection of natural resources. Some agencies, such as the Department of Education, Department of Health Services and Environmental Protection Administration, provide funding for educational programs. In the future, the Department can increase its potential for grants by collaborating with other public agencies and local school districts. The agency may not always need to be the lead agency applying for the grant. In some cases it may be the facilitator or partner in seeking funds with other agencies or non-profit organizations.

Foundation Grants

There are many foundations throughout the nation that offer funding opportunities that could benefit park and recreation agencies. Funding is often available for programs, unlike state grants that focus on park improvement and facilities. The foundations often focus on programs with current interests in environmental education, arts, health and wellness. Some well-known California foundations that have provided grant funding to public park and recreation agencies include: The Packard Foundation, Kaiser Foundation, Irvine Foundation, The California Endowment, and the Wellness Foundation. Community Foundations also support local programs. Many foundations will give directly to a public agency; others will give only to non-profit 501(c) 3 organizations. An agency could also collaborate with other public agencies and non-profit organizations in pursuit of grants that identify local partnership as grant criteria.

A recent specific example is:

American Water Charitable Foundation (AWCF): Partnering with National Recreation and Park Administration, AWCF has instituted a three-year program, the Building Better Communities program designed to create and enhance nature-based playgrounds and natural play spaces for children, while also providing educational messaging and demonstration areas about water stewardship and conservation. Building Better Communities projects are supported with funding from AWCF and implemented through annual grants administered by NRPA.

Revenue from Operations

Often an overlooked source of income to a public agency is revenue from operations. Common approaches include:

User Fees: Fees for use of park and recreation facilities and programs are common throughout the nation. User fees include: picnic area reservations, facility rentals, and parking and entry fees. Fees for events and programs offered by park agencies are often charged. If the program has value, the public will pay. Many public agencies charge non-resident fees for users outside their jurisdiction.

Property Leases: Because park agencies have extensive land holdings, the potential to lease land for special uses that are compatible with park and recreation use can generate additional revenue. Grazing leases, radio and cell phone tower lease agreements have become prevalent throughout California.

Sponsored Facilities Programs and Events (Naming Rights): It is common for public agencies to secure businesses and organizations to sponsor events. There is an opportunity to expand the current sponsorship activities for park improvements and amenities. There is a growing recognition by corporations, associations, and others in the private sector that parkland and recreation programs have positive public values worth associating with. Further, there is a growing justified need on the part of park agencies to ask for financial payments in return for those associations. This is leading to a wide array of sponsored programs ranging from one-time large group activities, such as runs, 4th of July events, or concerts, to advertising promotions that utilize a park as a backdrop, to the use of logos or brand names in return for donations of money, goods or services.

Raising corporate and philanthropic money to construct, improve or rehabilitate physical structures in parks is often relatively easy. Direct contributions to acquire naming or licensing rights from the District to advertise their name/product should be given careful consideration, in light of the development of new and remodeled public facilities. This practice has several different levels and can include the naming of buildings, advertising on public property or license rights to the agency's name and other intellectual property. Typically, the agency and corporation negotiate terms for the granting of the rights. This can be an effective tool, particularly for highly visible facilities or events.

Private Giving

Generally, private giving is facilitated through a foundation created and designed to support the public agency. Many individuals, private foundations, and corporations are happy to contribute to park agencies and programs solely to improve the community in which they live or operate. Donations can be made for capital projects as well as programs. This method of funding is greatly enhanced when a 501(c) 3 organization is in place to support the effort of the public park agency. This would provide a vehicle for a capital fund drive and a means to build community support. There should be well defined facilities and specific costs to be funded. The foundation acts as a conduit for receiving private donations from entities which might otherwise be reluctant to donate to a public entity. In addition, the donor can receive tax benefits. Another option is to set up a Donor Advised-Restricted Fund with a local Community Foundation. Either option provides an organization that can partner with other non-profits (such as churches, service clubs and organizations) as well as private companies to jointly develop park and recreation facilities. Through a planned giving program, the potential to receive bequests and endowments for parks and recreation will grow in the next 15 years where there will be a nationwide, intergenerational transfer of wealth estimated at \$16 trillion.

Other opportunities include voluntary utility donations, adopt-a-park programs, fund-raising events, and planned giving programs.

LARPD



Parks, Recreation and Trails Master Plan

Appendices

- APPENDIX A: Community-Wide Telephone Survey
- APPENDIX B: Existing Facility Descriptions
- APPENDIX C: Assessment of Current Recreation Programming and Recommendations

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Livermore Area Recreation and Park District

Parks, Recreation and Trails Master Plan

Community-wide Telephone Survey

Survey Completed in December, 2013



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Final LARPD Resident Telephone Survey Questionnaire	29

1 PROJECT OVERVIEW

1.1 PROJECT GOALS

The resident survey was part of the preparation of the Parks, Recreation and Trails Master Plan. The purpose of the survey was to obtain statistically valid, community-wide input on a variety of issues.

The resident survey is one of several methods being undertaken to involve the community in the Parks, Recreation and Trails Master Plan process. The purpose of gathering community input through a variety of methods is to ensure that the Parks, Recreation and Trails Master Plan is as inclusive as possible and that it reflects the views, preferences, and recreating patterns of Livermore area residents.

Subjects explored in the context of the resident survey included:

- *One Feature that Makes the Livermore area a Desirable Place to Live*
- *One Issue Facing the Livermore area that is of Greatest Concern*
- *Sources Used Regarding Park or Recreation Facilities/Programs*
- *Benefits Sought When Recreating*
- *Frequency of Recreation Facility and Programs Usage*
- *Park or Recreation Facility Most Often Used in Last Year*
- *Frequency of Recreation Activities Participation*
- *Satisfaction with Recreation Facilities and Programs*
- *Satisfaction with Recreation Facilities Maintenance*
- *Use of Child Care or Senior Services and Programs*
- *Preferred Improvements in the Livermore Area*
- *One New Recreation Facility and Program Desired*
- *Selected Demographic Characteristics*

1.2 PROJECT METHODOLOGY

- Telephone Survey of 403 Livermore area households, selected at random, representing over 1,100 residents.
- Overall margin of error of $\pm 5.0\%$ at the 95% Confidence Level.
- Interviewing took place between December 9 and December 13, 2013.

2 KEY FINDINGS

Community Attitudes

- *The most often reported feature that makes the Livermore area a desirable place to live were "Small Town Atmosphere," "Family Oriented," "Climate/Weather," "Downtown," "Feeling a Part of Community," "Close to Work," "Open Space," "Parks and Recreation Facilities and Trails," "Quality of Life," or "Quiet/Peaceful," Residents offering such responses comprised nearly three of every four (72%).*
- *The most often reported issues of greatest concern (offered by 67% of residents) were "Population or Housing Growth," "Crime/Gangs/Personal Safety," "Freeway Traffic," "Want/Don't Want B.A.R.T.," "Education," and "Traffic Congestion on Surface Streets."*
- *Nearly nine of every ten residents (88%) identified "LARPD Website," "Mailed Information," "LARPD Brochure/Booklet," "Internet/Website (not specific)," "LARPD Office," "Newspaper," and "Postings at Recreation Sites," as the information sources used most often.*

Recreation Benefits and Facilities Use

- *More than half of the residents (51%) chose "Physical Fitness, Health and Well-being" as the most important benefit when seeking recreation.*
- *More than half of the residents polled (53%) stated they were Frequent Users (at least 3 times per month) of parks and recreation facilities in the last year.*
- *The seven recreation facilities most often identified as most used included Sycamore Grove Park, Robert Livermore Community Center, Robert Livermore Park, Del Valle Regional Park, Robert Livermore Pools, Robertson Park, and Marlin Pound Park.*
- *Of the eleven recreation activities tested, the largest participation by residents included "Walking/Jogging/Running/Hiking on Public Trails Use," "Use of Open Space Parks," "Picnicking in Picnic Table Sites," "Bicycling on Public Trails or Paths," "Swimming in Public Pools for Recreation," "Use of Play Equipment, Tot Lots in Public Parks," and "Organized Youth Soccer."*

Recreation Programs Use

- *Nearly one of four residents (23%) stated they were Frequent Users (at least 3 times per month) of programs in the last year. In contrast, more than four in ten residents (43%) stated they had not used programs in that time frame.*
- *About 16% of residents polled reported member(s) who participated in Senior Services or Programs while 11% reported member(s) who used Licensed Child Day Care or Before- or After-School Child Care Programs.*

Facilities and Programs Satisfaction

- *More than 96% of the residents polled stated they are Very or Somewhat Satisfied with existing park and recreation facilities and programs in the Livermore Area.*
- *More than 92% of the residents polled stated they are Very or Somewhat Satisfied with existing maintenance of parks and recreation facilities in the Livermore Area.*

Improvements Desired

- *Nearly three of every four (72%) of Livermore area households identified a desired recreation facility. One in four stated (28%) they desired no new recreation facilities. The facilities reportedly desired most often were various types of trails (17%) and swimming pools (6%).*
- *Over half (59%) of Livermore area households identified a desired program, class, or lesson. Four in ten (41%) stated they desired no program additions. Most often desired programs or services included arts and crafts (7%), personal development (5%), and yoga (4%).*

3 COMMUNITY ATTITUDES

3.1 ONE FEATURE THAT MAKES THE LIVERMORE AREA DESIRABLE

Question Analyzed: Q.5

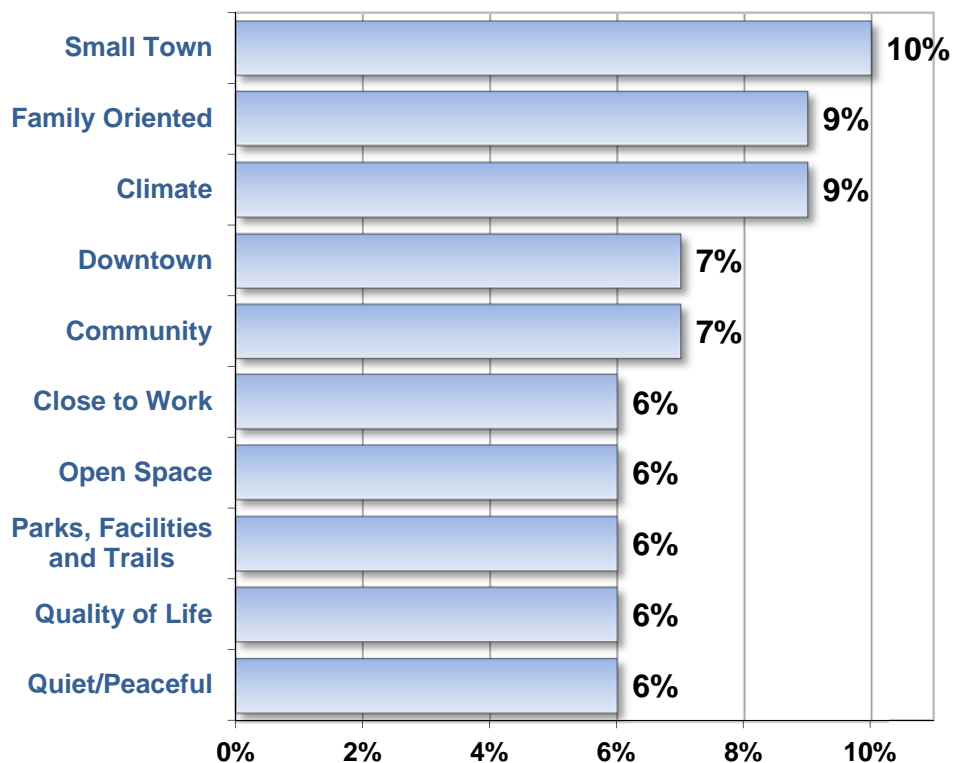
What is the one feature that makes the Livermore Area a desirable place to live?

Finding

The most often reported feature that makes the Livermore area a desirable place to live were "Small Town Atmosphere," "Family Oriented," "Climate/Weather," "Downtown," "Feeling a Part of Community," "Close to Work," "Open Space," "Parks and Recreation Facilities and Trails," "Quality of Life," or "Quiet/Peaceful." Residents offering such responses comprised nearly three of every four (72%).

The ten response categories with the largest share of responses are presented in Figure 1. Remaining categories received less than 5% of the responses.

Figure 1
One Feature that Makes Livermore Desirable
Livermore Area Residents



3.2 ONE ISSUE FACING THE LIVERMORE AREA OF GREATEST CONCERN

Question Analyzed: Q.6

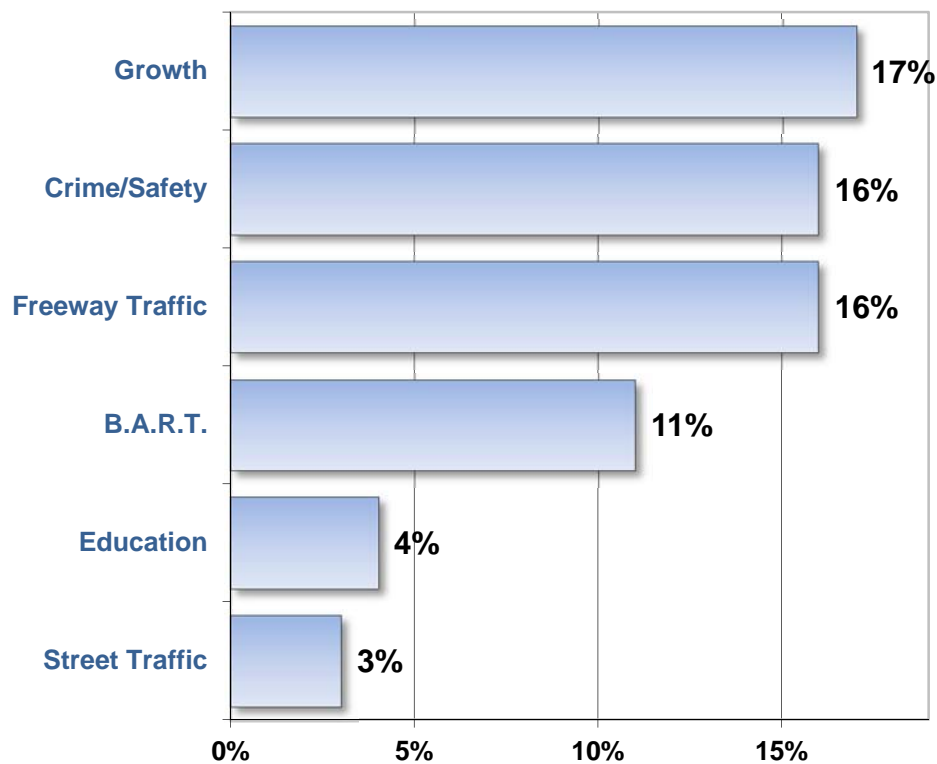
What issue facing the Livermore area is of greatest concern to you as a resident?

Finding

The most often reported issues of greatest concern (offered by 67% of residents) were "Population or Housing Growth," "Crime/Gangs/Personal Safety," "Freeway Traffic," "Want/Don't Want B.A.R.T.," "Education," and "Traffic Congestion on Surface Streets."

The seven response categories with the largest share of responses are presented in Figure 2. Remaining categories received less than 3% of the responses.

Figure 2
One Issue Facing Livermore of Greatest Concern
Livermore Area Residents



3.3 PARKS, RECREATION FACILITIES/PROGRAMS INFO SOURCES

Question Analyzed: Q.7

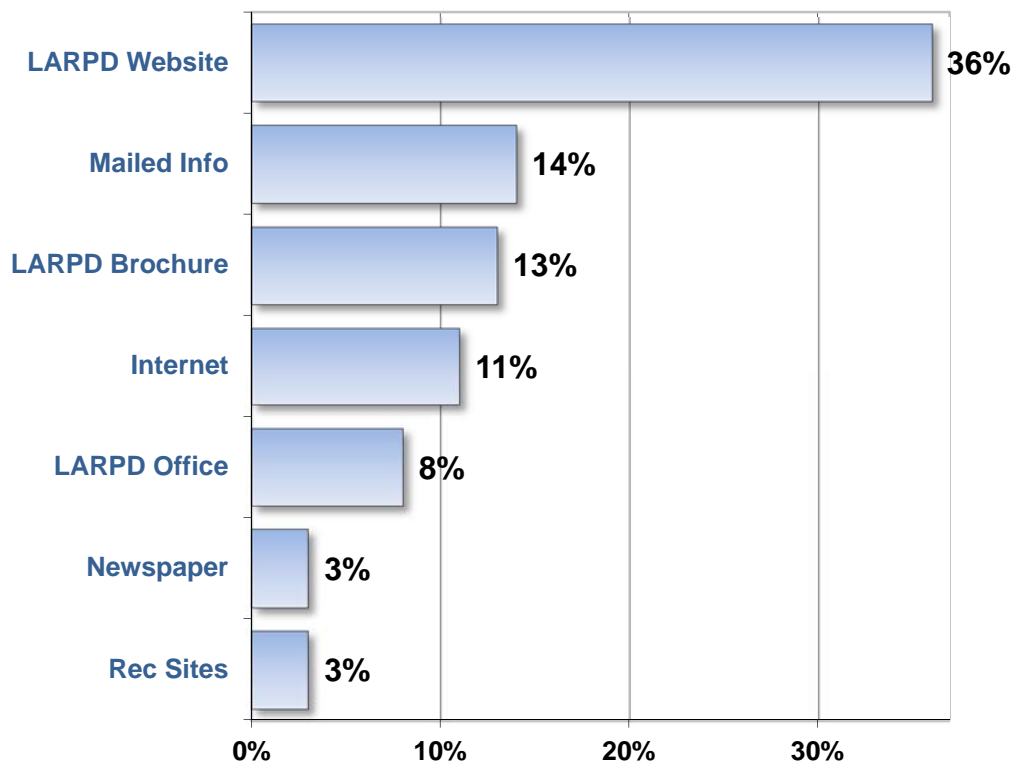
If you need information about parks, or recreation facilities or programs, where do you usually get that information?

Finding

About 88% of residents identified "LARPD Website," "Mailed Information," "LARPD Brochure/Booklet," "Internet/Website (not specific)," "LARPD Office," "Newspaper," and "Postings at Recreation Sites," as the information sources used most often.

The seven response categories with the largest share of responses are presented in Figure 3. Remaining categories received less than 3% of the responses.

Figure 3
Parks, Recreation Facilities, Programs Info Sources
Livermore Area Residents



Subgroup Responses

Examining the total sample of responses by selected subgroups of residents, the following notable differences in response patterns were noted:

- ✓ Residents most likely to report usually using the LARPD website included households with a head less than 45 years of age (51%), households with a head 55 to 64 years (50%), those with children 5 to 14 years of age (49%), respondents reporting household incomes of \$100,000 or more (48%), and those with children under 18 years (46%).

4 RECREATION BENEFITS AND BEHAVIOR

4.1 MOST IMPORTANT RECREATION BENEFIT

Question Analyzed: Q.8

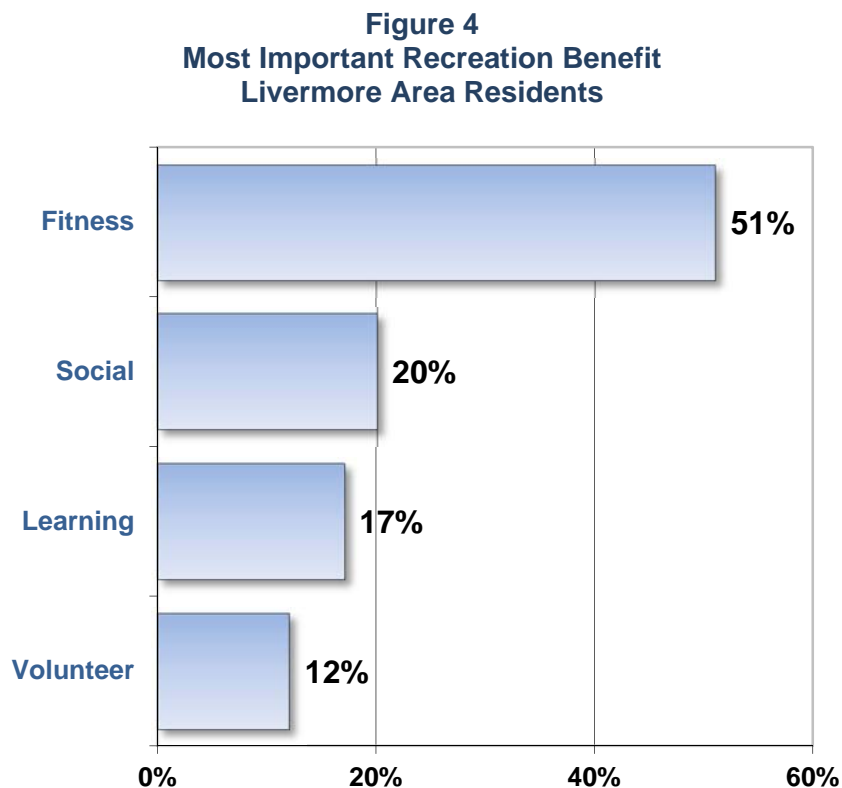
Reflecting upon the recreation patterns of those in your household, which of the following benefits do you feel is most important when you or the members of your household seek recreation or leisure opportunities? Would it be...

- Physical Fitness, Health and Well-being
- Opportunities to Gather and Socialize with Others
- Learning Opportunities for Hobby, Self-Improvement or Career Development
- Opportunities to Give Back to the Community Through Volunteer Work

Finding

More than half of the residents (51%) chose "Physical Fitness, Health and Well-being" as the most important benefit when seeking recreation.

The benefits tested and the share of responses each received is presented in Figure 4.



Communities Compared

Table 1 below compares these recreation benefit responses from Livermore area residents to statistics derived from twenty-two other California municipalities where similar work has been conducted. Because each survey questionnaire is custom-designed for each agency, the number of comparison surveys varies by question.

The residents of the Livermore area reported a higher interest in Physical Fitness, Health and Well-Being benefits than the median of communities previously surveyed, equaling the highest response rate for that answer category in previous studies. The share of residents choosing Opportunities to Gather and Socialize with Others as most important was below the median posted historically. However, the two remaining benefit categories received an average or better response from Livermore area residents polled.

Table 1 Most Important Recreation Benefits				
	Livermore Area	Twenty-two Selected California Municipalities		
		Lowest Response	Highest Response	Median
Health/Fitness	51%	31%	54%	45%
Gather/Socialize	19%	19%	36%	28%
Learning	17%	13%	28%	17%
Volunteer	12%	6%	16%	10%

Subgroup Responses

Examining the total sample of responses by selected subgroups of residents, the following notable differences in response patterns were noted:

- ✓ Residents most likely to identify "*Physical Fitness, Health and Well-being*" included those with children 5 to 14 years (65%).
- ✓ Respondents who reported their ethnicity as Hispanic most often identified "*Opportunities to Gather and Socialize with Others*" (38%).

4.2 FREQUENCY OF RECREATION FACILITY USAGE

Question Analyzed: Q.9

Thinking about the past year, what best describes how often you or other members of your household used indoor or outdoor parks and recreation facilities in or outside of the Livermore Area?

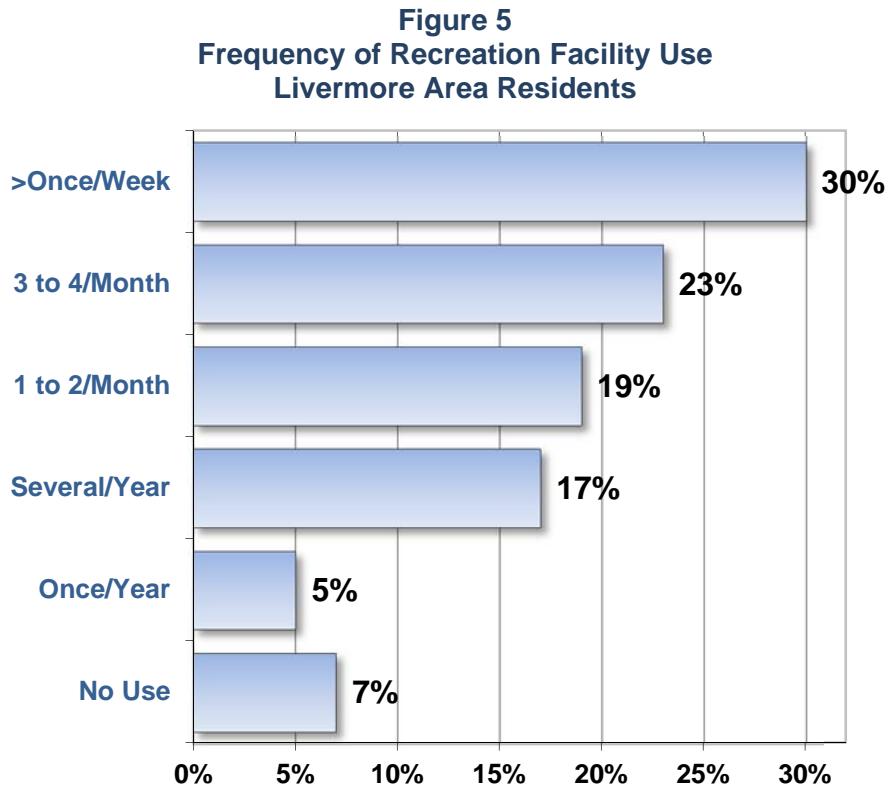
More than Once a Week
3 to 4 Times Per Month
Once or Twice a Month

Several Times a Year
Once a Year
No Use

Finding

More than half of the residents polled (53%) stated they were Frequent Users (at least 3 times per month) of parks and recreation facilities in the last year.

The facility use categories tested and the share of responses each received is presented in Figure 5.



Communities Compared

Table 2 below compares these recreation facility usage responses from Livermore area residents to statistics derived from forty-one other California municipalities where similar work has been conducted.

Table 2 Frequency of Recreation Facility Usage				
	Livermore Area	Forty-one Selected California Municipalities		
		Lowest Response	Highest Response	Median
Frequent Users	53%	19%	67%	43%
Non-Users	7%	5%	40%	14%

As the table illustrates, the share of residents polled in the Livermore area who were Frequent Users of parks (at least 3 times per month) was below the highest reported in our historical experience yet, above median (53% frequent users vs. 43% median among other cities surveyed.) It is noteworthy that the highest response level of 67% reflects the share reported by Pleasanton residents in a telephone survey completed approximately one year ago. The share of Livermore area residents who reported no recreation facility use in the past year was below the median of the forty-one municipalities (7% vs. 14% median) and comparable to the share reported by Pleasanton residents (7% vs. 6%.)

Subgroup Responses

An examination of reported recreation facility use among Livermore area residents revealed the following statistically significant differences in the overall 53% share of *Frequent Users* among examined subgroups of the total sample:

- ✓ Respondents reporting a head of household less than 45 years of age (70%).
- ✓ Respondents reporting a household income of \$150,000 or more (69%).
- ✓ Households with children 5 to 14 years of age as well as those with any members less than 18 years (67% and 66%, respectively.)
- ✓ Residents who stated they seek Physical Fitness, Health and Well-being from their recreation choices (63%).

4.3 RECREATION FACILITY MOST OFTEN USED

Question Analyzed: Q.10

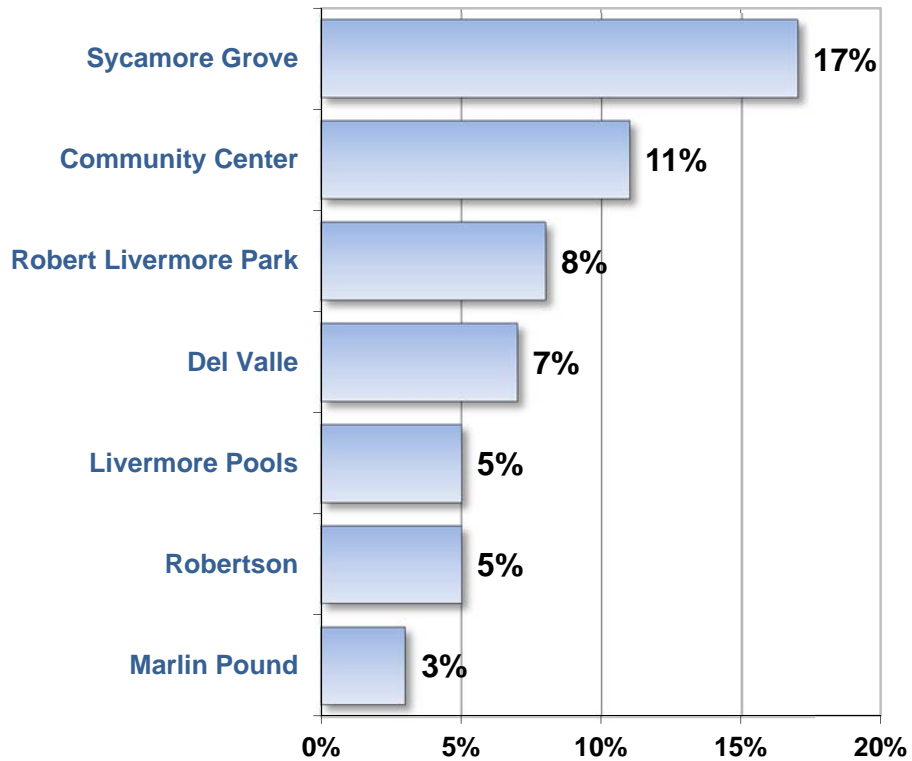
During the last year, what park or recreation facility did you and your household most often use?

Finding

The seven recreation facilities most often identified as most used included Sycamore Grove Park, Robert Livermore Community Center, Robert Livermore Park, Del Valle Regional Park, Robert Livermore Pools, Robertson Park, and Marlin Pound Park.

The seven response categories with the largest share of responses are presented in Figure 6. Remaining categories received less than 3% of the responses.

Figure 6
Most Used Recreation Facility
Livermore Area Residents



4.4 RECREATION ACTIVITIES PARTICIPATION

Question Analyzed: Q.11

In the past year, how often have you and each of the members of your household participated in:

Organized Youth Soccer League Games	Organized Youth Baseball League Games
Swimming in Public Pools for Recreation	Walk/Jog/Hike/Run on Public Trails
Organized Softball League Games	Play Equipment, Tot Lots in Public Parks
Bicycling on Public Trails for Recreation	Organized Youth Indoor Volleyball
Picnicking in Picnic Table Sites	Use of Open Space Parks
Organized Youth Indoor Basketball League Games	

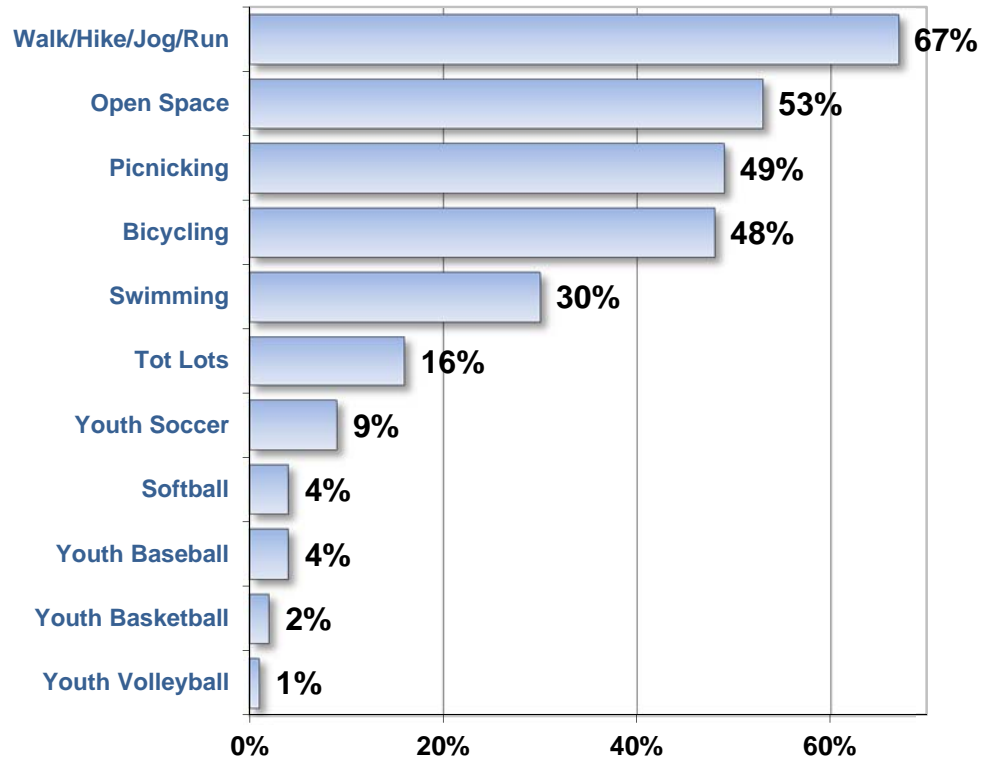
Each respondent was queried regarding whether any of the members of their household had conducted each activity during the past year. Further, they were asked to estimate how often in the past year each member engaged in the activity.

Finding

Of the eleven recreation activities tested, the largest participation by residents included "Walking/Jogging/Running/Hiking on Public Trails Use," "Use of Open Space Parks," "Picnicking in Picnic Table Sites," "Bicycling on Public Trails or Paths," "Swimming in Public Pools for Recreation," "Use of Play Equipment, Tot Lots in Public Parks," and "Organized Youth Soccer."

The eleven recreation activities tested and the share of the population in surveyed Livermore area households who reported participation in the past year are presented in Figure 7 on the following page.

**Figure 7
Recreation Activities Participation
Share of Livermore Area Population Participating**



Note

The data presented in Figure 7 may appear counter intuitive to representatives of organized sports leagues for youth and to agency officials who regularly host comments or testimony from them. To confirm the validity of the Figure 7 participation levels, it is important to recognize the demography of the area population. Specifically, youth ages 5 to 14 (the prime ages for youth sports) constituted approximately 14% of the total City population as of the 2010 U.S. Census. Thus, if every child in this age group were enrolled in, for instance, youth soccer, the percent of participation on Figure 7 would be at least 14%. However, not all children in this age group are participating in all sports, some participate in none, and some children outside of this age group also participate.

State Comparison

It is also relevant to compare the activity participation rates outlined in Figure 7 to similar “benchmark” data collected periodically by the California State Department of Parks. Table 3 presents selected data from the most recent State Parks Survey, conducted in 2008 for the entire State as well as data from the 2013 Livermore area resident survey. Although not using identical methods (or question phrasing), the California State Parks Survey provides contextual benchmark evidence of recreation participation trends that can be valuable in understanding Livermore Area resident’s recreating patterns and underscore the fact that local recreating patterns can be very disparate from State or National norms.

Table 3
Percent of Population Participating in Selected Recreation Activities in the Past Year
California State Parks Survey, 2008 and Livermore Resident Survey 2013

State Parks Activity Description	California State Parks 2008	Livermore Area 2013
Walking for Fitness or Pleasure	74%	67%
Picnicking in Picnic Areas	67%	49%
Swimming in a Pool	51%	30%
Day Hiking on Trails	47%	See Walking
Jogging and Running for Exercise	40%	See Walking
Bicycling on Paved Surfaces	36%	48%
Use Play Equipment, Structures, Tot Lots	33%	16%
Organized Team Sports (Adult or Youth)	26%	1% to 9%
Bicycling on Unpaved Surfaces and Trails	16%	See Bicycling Above

Source: Public Opinions and Attitudes on Outdoor Recreation in California – 2008

4.5 FREQUENCY OF RECREATION PROGRAMS USAGE

Question Analyzed: Q.13

Thinking about the past year, what best describes how often you or other members of your household used recreation programs, classes or lessons in or outside of the Livermore Area?

More than Once a Week
3 to 4 Times Per Month
Once or Twice a Month

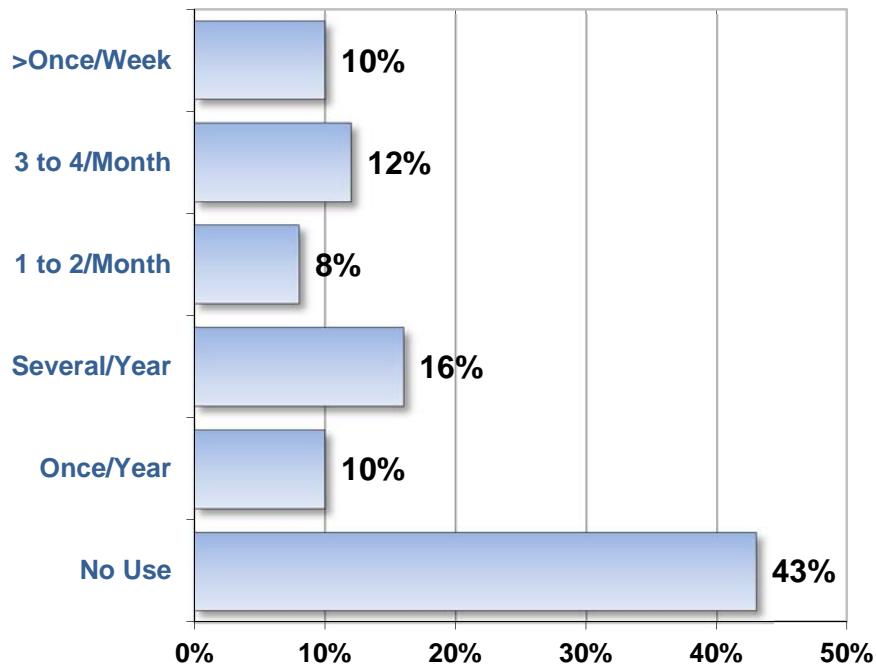
Several Times a Year
Once a Year
No Use

Finding

Nearly one of four residents polled (22%) stated they were Frequent Users (at least 3 times per month) of programs in the last year. In contrast, more than four in ten residents (43%) stated they had not used programs in that time frame.

The facility use categories tested and the share of responses each received is presented in Figure 8.

Figure 8
Frequency of Recreation Programs Use
Livermore Area Residents



Communities Compared

Table 4 below compares these recreation programs usage responses from Livermore area residents to statistics derived from twenty-four other California municipalities where similar work has been conducted.

Table 4 Frequency of Recreation Programs Usage				
	Livermore Area	Twenty-four Selected California Municipalities		
		Lowest Response	Highest Response	Median
Frequent Users	23%	13%	30%	21%
Non-Users	43%	31%	82%	50%

As the table illustrates, the share of residents polled in the Livermore area who were Frequent Users of programs (at least 3 times per month) was somewhat above median (23% frequent users vs. 21% on average among other communities surveyed.) The share of Livermore area residents who reported no recreation programs use in the past year was below the median (43% vs. 50% median.)

Subgroup Responses

Examining the total sample of responses by selected subgroups of residents, the following significant differences in response patterns were noted:

- ✓ Residents most likely to report frequently using recreation programs included households with a head less than 45 years of age (41%), those with children 5 to 14 years of age (36%), and those with children under 18 years (33%), (the aggregated group is lower than the 5 to 14 age subset due to reduced participation rates for the 15 to 17 age subset).
- ✓ Those polled who were most likely to report no use of recreation programs in the last year included households with a head 65 years or older (55%) and households without children under 18 years (53%).

4.6 PARTICIPATION IN RECREATION PROGRAMS

Question Analyzed: Q.14

Please tell me how many of the members of your household have participated in the following programs in the past year.

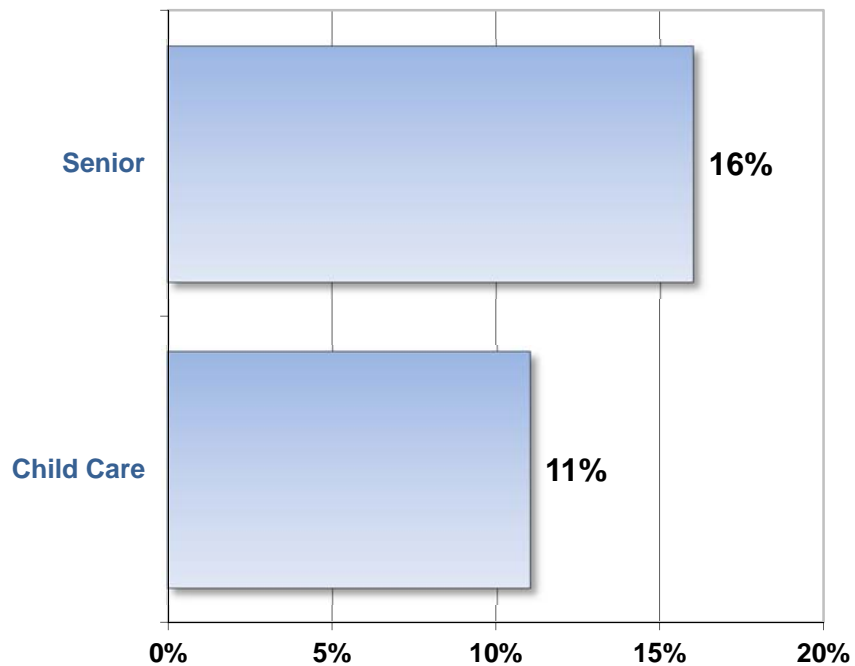
Licensed Child Day Care or Before- or After-School Child Care Programs
Senior Services or Programs

Finding

About 16% of residents polled reported member(s) who participated in Senior Services or Programs while 11% reported member(s) who used Licensed Child Day Care or Before- or After-School Child Care Programs.

The two program categories tested and the share of responses each received is presented in Figure 9.

Figure 9
Participation in Recreation Programs
Households with Member(s) Participating



5 FACILITIES AND PROGRAMS SATISFACTION

5.1 PARK AND RECREATION FACILITIES AND PROGRAMS SATISFACTION

Question Analyzed: Q.18

How would you describe your overall satisfaction with existing park and recreation facilities and programs in the Livermore Area? Would you say you are...

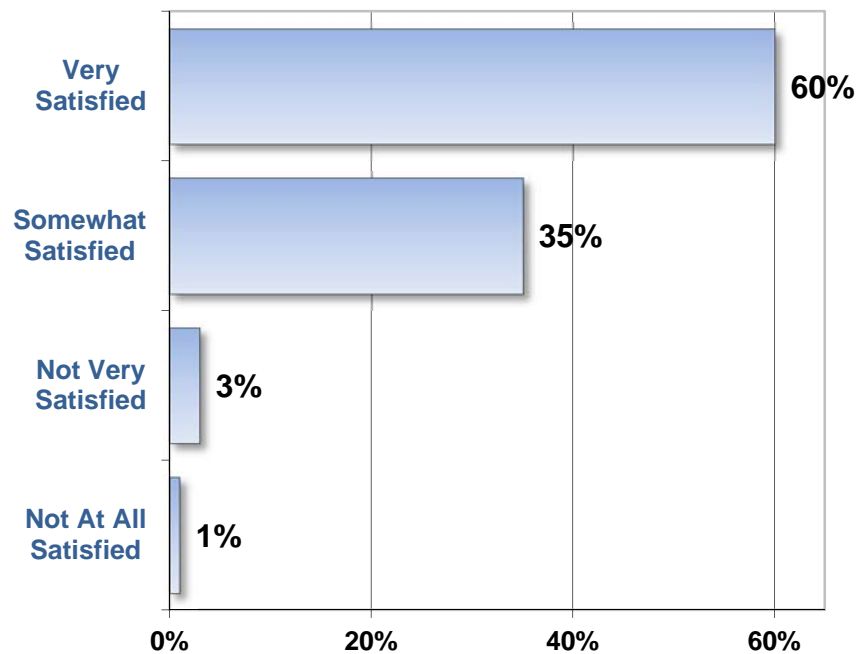
- Very Satisfied
- Somewhat Satisfied
- Not Very Satisfied
- Not At All Satisfied

Finding

More than 95% of the residents polled stated they are Very or Somewhat Satisfied with existing park and recreation facilities and programs in the Livermore Area.

The response categories and share of responses each received are charted in Figure 10.

Figure 10
Recreation Facilities and Programs Satisfaction
Livermore Area Residents



Communities Compared

Table 5 below compares these overall parks, recreation facilities and programs satisfaction responses from Livermore area residents to statistics derived from eight other California municipalities where similar work has been conduct. For these eight communities (Jurupa Community Services District, Kern County, Cities of Santa Clarita, Santa Maria, Roseville, Banning, Signal Hill, and Aliso Viejo) the same question format was utilized in the resident survey, thereby allowing direct comparisons of the data.

Table 5 Parks, Recreation Facilities and Programs Satisfaction Livermore Area Residents				
"Satisfied"	Livermore Area	Eight Selected California Municipalities		
		Lowest Response	Highest Response	Median
Very	60%	30%	77%	52%
Somewhat	35%	21%	55%	42%
Not Very	3%	1%	17%	5%
Not At All	1%	1%	4%	2%

As the table illustrates, the share of residents polled in the Livermore area who stated they are Very Satisfied with parks, recreation facilities and programs was above median (60% vs. 52% on average among other cities surveyed.)

5.2 RECREATION FACILITIES MAINTENANCE SATISFACTION

Question Analyzed: Q.19

How would you describe your overall satisfaction with existing maintenance of parks and recreation facilities in the Livermore Area? Would you say you are...

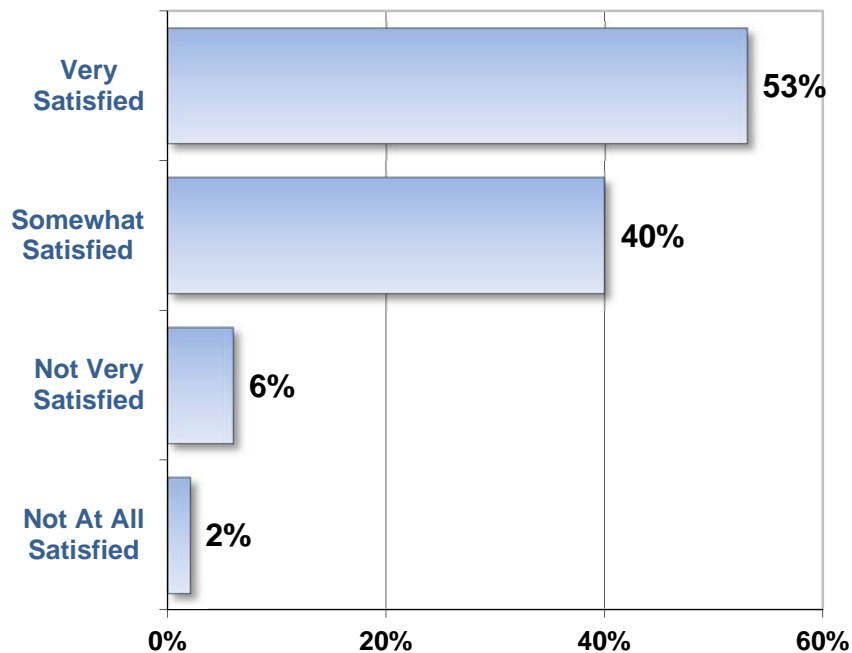
- Very Satisfied
- Somewhat Satisfied
- Not Very Satisfied
- Not At All Satisfied

Finding

More than 93% of the residents polled stated they are Very or Somewhat Satisfied with existing maintenance of parks and recreation facilities in the Livermore area.

The response categories and share of responses each received are charted in Figure 11.

Figure 11
Recreation Facilities Maintenance Satisfaction
Livermore Area Residents



Communities Compared

Table 6 below compares these recreation facilities maintenance satisfaction responses from Livermore area residents to statistics derived from twenty-eight other California municipalities where similar work has been conducted.

Table 6 Parks and Recreation Facilities Maintenance Satisfaction Livermore Area Residents				
"Satisfied"	Livermore Area	Twenty-eight Selected California Municipalities		
		Lowest Response	Highest Response	Median
Very	53%	8%	74%	39%
Somewhat	40%	21%	57%	46%
Not Very	6%	1%	32%	9%
Not at All	2%	0%	23%	4%

As the table illustrates, the share of residents polled in the Livermore area who stated they are Very Satisfied with maintenance was above median (53% vs. 39% on average among other communities surveyed.)

6 IMPROVEMENTS DESIRED

6.1 ONE RECREATION FACILITY IMPROVEMENT DESIRED

Question Analyzed: Q.12

Now that we have discussed many recreation possibilities, what is the one recreation facility you would most like to see added in the Livermore Area to meet the needs of your household?

Finding

Nearly three of every four (72%) Livermore area households identified a desired recreation facility. One in four stated (28%) they desired no new recreation facilities.

The recreation facility response categories garnering at least 3% of the responses and the share of responses each received are charted in Figure 12.

Figure 12
Recreation Facilities Desired
Livermore Area Residents

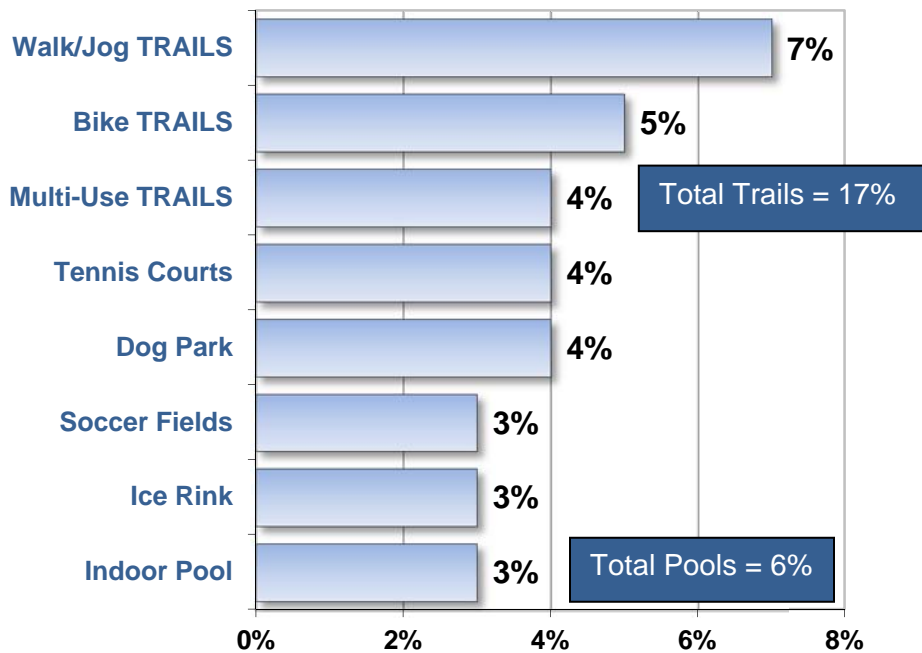


Figure 12 Note

- Aggregating all Trails responses nets a total of 17%.
- Aggregating all Pools responses nets a total of 6%, including “Swimming pool for recreation or lessons” at 2%, and “Swimming pool – competitive events” at 1%.

6.2 ONE RECREATION PROGRAM IMPROVEMENT DESIRED

Question Analyzed: Q.16

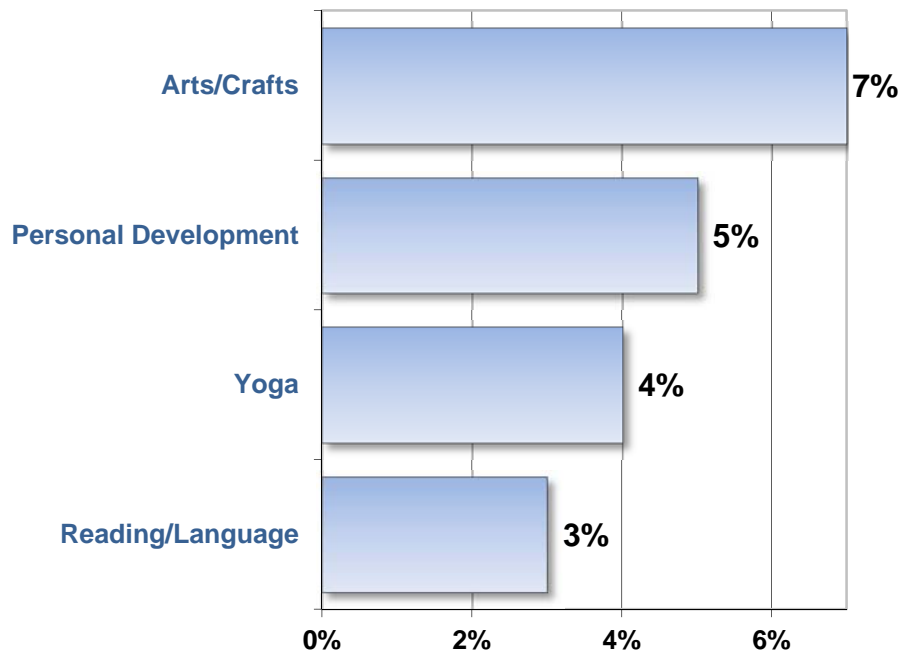
What is the one recreation program, class, or lesson your household would most like to see added in the Livermore area to meet the needs of your household?

Finding

Over half (59%) of Livermore area households identified a desired program, class, or lesson. Four in ten (41%) stated they desired no program additions.

The program response categories garnering at least 3% of the responses and the share of responses each received are charted in Figure 13.

Figure 13
Recreation Programs Desired
Livermore Area Residents



6.3 PREFERRED COMMUNITY IMPROVEMENTS

Question Analyzed: Q.17

Thinking about the needs of your household, which one of the following types of improvements would you most like to see added in the Livermore Area?

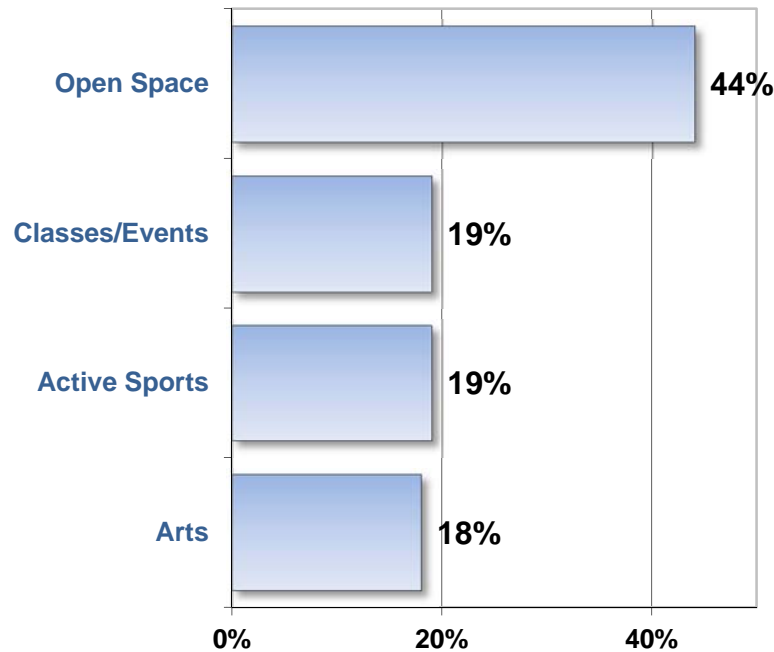
- Active Sports Facilities and Programs
- Fine Arts or Performing Arts Facilities and Programs
- Classes, Lessons, and Community Events
- Open Space Preservation and Enjoyment

Finding

More than four of every ten of Livermore area households (44%) identified a preference for Open Space Preservation and Enjoyment improvements. The remaining response categories each received comparable response volumes.

The program response categories and the share of responses each received are charted in Figure 14.

Figure 14
Preferred Community Improvements
Livermore Area Residents



7 RESPONDENT DEMOGRAPHY

7.1 Demographic Profile of Respondents

Questions Analyzed: Q.1, 2, 3, 20, 21, 22

A collection of demographic questions was included in the survey questionnaire to enable validation of the reliability of the survey sample of respondents as well as for use in response analysis.

- Age of Household Members
- Number of Household Members
- Race/Ethnicity of Respondent
- Annual Household Income

Finding

A comparison of the demographic profile of respondents to the benchmark 2010 Census profile for the City of Livermore confirmed the reliability of the survey sample.

Table 7 on the following page presents the detailed comparison of selected demographic characteristics from the Survey and the 2010 Census.

Table 7
Community-Wide Telephone Survey
Demographic Characteristics
Livermore Area

	2010 Census	Survey 2013
Percent of Population by Age:		
Under 5 years	7%	5%
5 to 14 years	14%	17%
15 to 17 years	4%	4%
18 to 24 years	8%	6%
25 to 34 years	12%	6%
35 to 44 years	15%	12%
45 to 54 years	18%	17%
55 to 64 years	11%	14%
65 years and over	10%	19%
Median Age	38.3	44.0
Household Description:		
1 adult w-o children	21%	21%
2 or more adults w-o children	40%	40%
Subtotal Households w-o children	61%	61%
1 adult w/children	NA	3%
2 adults w/children	NA	27%
3 or more adults w/children	NA	9%
Subtotal Households w/children	NA	39%
Ethnicity (Census data is for householders; survey data is for respondents):		
Non-Hispanic White	74%	71%
Hispanic/Latino	14%	12%
Non-Hispanic Asian/Pacific Islander	7%	12%
Non-Hispanic Black/African American	2%	2%
Non-Hispanic Other	3%	3%
Mean Household Size (people per household):	2.76	2.80
Source: 2010 Census		

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LARPD

PARKS, RECREATION AND TRAILS MASTER PLAN

EXISTING FACILITY DESCRIPTIONS, ASSESSMENTS
AND IMPROVEMENT RECOMMENDATIONS

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Facility Descriptions

In total, LARPD owns and/or maintains 27 neighborhood parks, 3 community parks and 11 special use facilities or parks. The special use parks and facilities classification encompasses historic sites and unique or historic buildings as well. LARPD operates and maintains a total of 504.73 acres in neighborhood, community, and special use parks and facilities. The District currently categorizes parks into several broad categories, Neighborhood Park, Community Park, Special Use Park, and Open Space Area. Current breakdown of acreage for the park and recreation facilities is:

Neighborhood Parks (smaller)

These are neighborhood parks that are smaller than the target size of 10 acres for new neighborhood parks. LARPD owns and/or maintains 18 of these smaller neighborhood parks. Many of these are older parks, built during the 1970's as part of new residential subdivisions in Livermore. Over half of these smaller neighborhood parks are 30 or more years old.

Typical improvements for these older parks include replacing tot lot play equipment, upgrading the tot lot area and park site to comply with accessibility requirements of the Americans with Disabilities Act (ADA), safety regulations per Consumer Product Safety Commission (CPSC) guidelines and American Society for Testing and Materials (ASTM) standards, and replacing park equipment such as barbecues or benches, and also replacing or repairing older irrigation systems.

1 Al Caffodio—2 Acres (Opened in 1971, City owned/LARPD maintained.)

Location: 1361 Shawnee Road in northwest Livermore.

This park serves the residential neighborhood southeast of Murrieta Boulevard and Portola Avenue. The park is flat, rectangular in shape and is directly accessible from Shawnee Road. It contains a meandering pathway, a tot lot with play equipment, picnic tables and barbecue pits.

Assessment/Improvements:

- Turf renovation;
- Tree pruning.

2 Almond Avenue—4 Acres (Opened in 1970, City owned/LARPD maintained.)

Location: 1525 Almond Ave, south of East Avenue.

The park contains a tot lot with play equipment, a paved group picnic area near Almond Avenue with picnic tables and barbecue pits, and an open, grassy area at the rear of the park. The park can be accessed from Almond Avenue as well as the residential neighborhood at Drake Way. The park also

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connects to the Civic Center (T7) multi-use trail, which enters the park from the Quezaltenango Parkway along Findlay Street.

Assessment/Improvements:

- Playground bark;
- Park lighting.

3 Big Trees and Big Trees Extension—4.2 Acres (Opened in 1971, LARPD owned/maintained.)

Location: 5470 Kathy Way in southeast Livermore.

This park is known for its stand of mature Eucalyptus trees at the east end of the park and throughout the “extension”. It contains a tot lot and play equipment, picnic tables and barbecue pits. The park also connects to the Arroyo Seco multi-use trail (T9) extending north/south along Charlotte Way northeast of the park.

Assessment/Improvements:

- Add barbeque grills;
- Playground renovations;
- ADA upgrades.

4 Bill Clark—2.8 Acres (Opened in 1990, City owned/LARPD maintained.)

Location: 5451 Hillflower Drive in northeast Livermore.

The park is flat and rectangularly shaped. It contains a central open field, a tot lot and playground with play equipment, barbecue pits, picnic tables and a basketball court. A walkway leads from Hillflower Drive to the play areas.

Assessment/Improvement:

- Upgrade play equipment;
- ADA upgrades.

5 Bothwell Park—2.13 Acres (Recreation Center and Park built in 1950, purchased by LARPD in 1959.)

Location: 2466 Eighth Street between G and H Streets

The Bothwell Recreation Center and Park includes an 11,000 square-foot building, a tot lot/equipment and two unlit bocce courts. From the early 1970’s to 2003, the Community Center building had been used as the Senior Services Center. In 2007, the Livermore Valley Performing Arts Center made improvements to the building—including a universally accessible entryway—for use as individual art studios and gallery space.

Assessment/Improvements:

- Replace HVAC system in building.

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6 El Padro--5.54 Acres (Constructed approximately in 1967, City owned/LARPD maintained.)

Location: 1731 El Padro Drive in southwest Livermore. The park is situated between existing residences to the north and William Mendenhall School to the south.

The park contains a central, grassy open field area, a walkway, centrally located tot lot and play equipment, and picnic tables.

Assessment/Improvements:

- Irrigation system renovation;
- Add benches.

7 Ida Holm Park—6 Acres (Opened in 1975, City owned/LARPD maintained.)

Location: 1106 Crystal Circle in west Livermore.

The park is flat and contains an open field with a variety of trees, tot lot and play equipment, and picnic tables. The park is located adjacent and east of the Isabel Trail (T5).

Assessment/Improvements:

- Add picnic tables at barbeque pits.

8 Jack Williams Park—4.1 Acres (Opened in early 1970's, City owned/LARPD maintained.)

Location: 2041 Neptune Road in southwest Livermore.

The park contains a tot lot and play equipment, barbecue pits, picnic tables, 2 tennis courts, a central, circular walkway and open an field surrounded by mature trees. The park can be accessed from either Neptune Road or Pulsar Drive.

Assessment/Improvements:

- No improvements proposed at this time.

9 Karl Wente—3.1 Acres (Opened in 1977, City owned/LARPD maintained.)

Location: 1455 Kingsport Drive, northeast of Holmes Street and Concannon Boulevard in Sunset residential development in south Livermore.

The park is relatively flat but slopes down to the street. It contains a tot lot and play equipment, and picnic tables.

Assessment/Improvements:

- Add split rail fencing to prevent social trails;
- Tree pruning.

10 Lester J. Knott—5.2 Acres (Opened in 1995, City owned/LARPD maintained.)

Location: 655 North Mines Road and Newbury Street.

The central, grassy fields in the park are flat with slightly sloping berms around its perimeter. The park contains a tot lot and equipment, picnic tables, a basketball court and meandering walkways.

Assessment/Improvements:

- Concrete walkway renovation;
- Install picnic tables adjacent to barbeques. .

11 Livermore Downs—4.5 Acres (Opened in 1986, LARPD owned/maintained.)

Location: 2101 Paseo Laguna Seco, north of Portola Avenue. The park serves the residential neighborhood along Paseo Laguna Seco. It contains a central open field, a tot lot and 2 tennis courts. A separate parking area is also provided with approximately 25 spaces.

Assessment/Improvements:

- The park is in need of complete renovation.

12 Maitland R. Henry—4.6 Acres (Opened in 1972, City owned/LARPD maintained.)

Location: 1525 Mendocino Road and Alameda Drive in northwest Livermore, north of Murrieta Boulevard, south of East Airway Boulevard.

The park contains pathways connecting it to the residential neighborhood, a tot lot and play equipment, picnic tables and barbecue pits.

Assessment/Improvements:

- Additional bark in playground;
- Tree pruning.

13 Mocho—3.6 Acres (Opened in 1985, City owned/LARPD maintained.)

Location: 1130 Mocho Street, just east of the intersection of Holmes and Mocho Streets.

The park contains a central open field scattered with mature trees, a tot lot and play equipment, barbecue pits, and picnic tables. The north side of the park is adjacent to the Arroyo Mocho and the existing multi-use trail (T19). From the park, however, one would need to cross the creek via the Holmes Street bridge to access the trail.

Assessment/Improvements: Minor improvements are needed at this park, including:

- Add barbeque pits;
- ADA upgrades.

14 Northfront—2.3 Acres (Opened 2005, LARPD owned/maintained.)

Location: 6315 Almaden Way.

The park sits on two separate parcels adjacent to the Arroyo Las Positas and the multi-use trail by the same name (T6). The two parcels create two distinct park areas. The north end is accessible from the trail and Almaden Way. The south end is accessible from Northfront Road. The park contains walkways, a tot lot and play equipment, and benches. There is also a small parking area (6 spaces) along Northfront Road.

Assessment/Improvements:

- No improvements are recommended at this time.

15 Ralph T. Wattenburger—5.4 Acres (Opened in 1984, City owned/LARPD maintained.)

Location: 1515 Honeysuckle Road in northeast Livermore.

The park contains meandering walkways, a tot lot and play equipment, picnic tables and a central open field area. The perimeter of the park contains a number of mature, shade trees. The park can be accessed from both Honeysuckle Road and Rhododendron Drive.

Assessment/Improvements:

- Add barbeque pits;
- Development of demonstration garden.

16 Ravenswood—3.5 Acres (Opened in 1972, city owned/LARPD maintained.)

Location: 2632 Tahoe Drive. The park is adjacent and directly east of the Ravenswood historic building site and buildings along Arroyo Road.

The park contains walkways, a tot lot, barbecue pits, and picnic tables. The tot lot area is encircled with tall, mature Eucalyptus trees.

Assessment/Improvements:

- Irrigation system evaluation.

17 Summit—3.9 Acres (Opened in 2001, City owned/LARPD maintained.)

Location: 6332 Tioga Pass Court, northeast of Vasco Road and Scenic Avenue.

The park is flat and because it is newer, has relatively few mature trees. It contains a large open field along with a tot lot, and picnic tables. Phase II of the park was completed in 2004 and included the tot lot/landscaping.

Assessment/Improvements:

- No improvements are recommended at this time.

18 Vista Meadows—5.4 Acres (Opened in 1975, City owned/LARPD maintained.)

Location: 2450 Westminster and Lambeth Ways.

The park serves the residential subdivision northeast of North Livermore and Portola Avenues. It is a sloped site containing a tot lot and play equipment, and picnic tables on the flattest area near the street. A dog park was added in 2000 to the hillier northern portion of the site. There are two disabled parking spaces available on-site.

Assessment/Improvements:

- Evaluate irrigation system for water usage;
- Tree pruning.

Neighborhood Parks (larger)

LARPD operates nine neighborhood parks ranging in size from over six acres to 15 acres. Three of these parks, Christensen, Pleasure Island, and Sunset are over 30 years old. Three parks, Hagemann, Marlin A. Pound, and Tex M. Spruiell are over 20 years old. One new neighborhood park, Cayetano, open in 2015.

19 Altamont Creek—6.9 Acres (Dedicated in 2000, LARPD owned/maintained.)

Location: 6800 Altamont Creek Drive in northeast Livermore.

The park contains walkways, a tot lot, picnic tables, a soccer field and two ballfields with backstops. The Altamont Creek and multi-use trail (T4) run adjacent to the park on its north side. The trail is accessible directly from the park.

Assessment/Improvements:

- Renovate turf to bermuda.

20 Bruno Canziani—14.7 Acres (Opened in 2002, LARPD owned/maintained.)

Location: 5907 Charlotte Way in South Livermore (southwest of Vasco Road and East Avenue).

This park was developed as part of residential development in Subarea 2 of the South Livermore Valley Specific Plan. It contains perimeter walkways, an open field, a tot lot and play equipment, barbecue pits, picnic tables, a basketball court, on-site parking for 37 cars, and a designated dog park area.

Assessment/Improvements:

- Improved park signage.

21 Cayetano—9.5 Acres (Opened 2015 City owned/LARPD maintained.)

Location: Northeast corner of Portola Avenue and Campus Hill Drive in northwest Livermore.

Cayetano Park was constructed as part of the new residential development (Shea/Montage) that is occurring south of Las Positas College in northwest Livermore. The park is a rectangular shape at the intersection of Portola Avenue and Campus Hill Drive. The park includes a dog park area for both large and small animals, a ballfield, and synthetic turf field for either soccer or football, a basketball court, tot lot with play equipment, on-site parking, group picnic area and barbecues.

Assessment/Improvements:

- No improvements are recommended at this time.

22 Christensen—8.24 Acres (Opened in 1976, City owned/LARPD maintained.)

Location: 5611 Bridgeport Circle, adjacent and directly south of Christensen school in north Livermore.

The park contains soccer fields, a tot lot, barbecue pits, picnic tables and a basketball court. An extension of the Altamont Creek multi-use trail (T4) is proposed along the service road of the improved Altamont channel just south of the park.

Assessment/Improvements:

- Irrigation and turf renovation;
- Tree pruning.

23 Hagemann—7.2 Acres (Opened in 1983, City owned/LARPD maintained.)

Location: 459 Olivina Avenue (northwest of Stanley and Murrieta Boulevards).

The park contains soccer fields, a tot lot and equipment, group picnic area and barbecue pits, and picnic tables. The Arroyo Mocho multi-use trail (T19) is located south of the site, although one must

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cross Daisyfield Drive to access the trail from the park. Originally, the park and surrounding area were part of the City-owned Hagemann Ranch. The adjacent Hagemann property contains the oldest house in Livermore—built in 1848 to house rangers and cattleherders. The adjacent property is a proposed historic site. The park has direct access to the Altamont Creek Trail (T-4) at the north end and at the south end to the Arroyo Las Positas Trail (T-6).

Assessment/Improvements:

- Irrigation renovation.

24 Marlin A. Pound—9.0 Acres (Opened in 1980, City owned/LARPD maintained.)

Location: 20110 Bluebell Drive in northeast Livermore.

The park contains an open ballfield with backstop, a tot lot, barbecue pits, picnic tables, basketball court, and dog park.

Assessment/Improvements:

- Renovate turf and irrigation;
- Tree pruning.

25 Pleasure Island—6.9 Acres (Opened in 1973, City owned/LARPD maintained.)

Location: 280 Pearl Pearl Avenue, just east of Murdell Lane in west Livermore.

The park has a long narrow shape and is partially situated between residences on Quartz Circle and Pearl Drive. It contains a meandering walkway along its perimeter, open fields, a tot lot, and picnic tables.

Assessment/Improvements:

- Accessibility upgrades;
- Renovate asphalt walkways to concrete;
- Develop group picnic area within decomposed granite area.

26 Sunset—6.7 Acres (Opened in 1969, City owned/LARPD maintained.)

Location: 1055 Geneva Street, adjacent and north of Arroyo Mocho school in south Livermore.

Sunset park is one of the older parks in Livermore. It an irregular L shaped park situated between Geneva Street and Florence Road. The perimeter and entrance of the park contain many mature shade trees. The park contains open fields, a tot lot and play equipment. The park is directly south of the Arroyo Mocho. The Arroyo Mocho multi-use trail (T19) is located on the north side of the arroyo. There are existing informal, unpaved trails providing access from the park across the arroyo to the trail.

Assessment/Improvements:

- Develop walkways with concrete;
- Utilize lodgepole fencing to eliminate social trail to Arroyo Mocho;
- Add barbeque pits and develop a group picnic.

27 Tex Spruiell—9.9 Acres (Opened in 1986, City owned/LARPD maintained.)

Location: 5411 Felicia Avenue, southwest of Patterson Pass and Vasco Roads in east Livermore.

Text Spruiell is one of the larger neighborhood parks. It is rectangularly shaped with street frontage and park access on three sides. It contains a circular paved pathway around its perimeter, central flat open fields, a tot lot, barbecue pits, picnic tables and a basketball court.

Assessment/Improvements:

- Resurface basketball courts;
- Add additional barbeque pits.

Community Parks

LARPD operates three community parks within City limits—May Nissen, Robert Livermore, and Robertson—ranging from 12 to 135 acres in size. Consistent with the definition of a community park, these facilities provide opportunities for a wider range of activities for individuals as well as large groups or gatherings. Robert Livermore Park has an existing master plan that provides more detailed guidance on planned features and facilities at this location, however, it needs to be updated to reflect current conditions and needs.

28 May Nissen—12.2 Acres (Opened in 1962, City owned/LARPD maintained.)

Location: 685 Rincon Avenue in central Livermore.

May Nissen is the oldest park operated by LARPD. The park contains a swim center with two pools, four tennis courts, a reservable group picnic area accommodating up to 200 people, picnic tables, barbecues, restrooms, horseshoe pits, on-site parking for approximately 100 cars, a basketball court, dog park, tot lot with play equipment, and ballfields at the rear of the park.

Assessment/Improvements:

- Parking lot in need of resurfacing and stripping;
- Master Plan renovation of park/pool to include reuse of basketball courts, replacement of walkways, improved circulation, and renovation of pool.

29 Robert Livermore--29.9 Acres (Opened in 1971, City owned/LARPD maintained.)

Location: 4444 East Avenue in Central Livermore.

The park was originally constructed with soccer fields, two ballfields with backstops, trailers for concession and storage use, motocross mounds, paved pathways, a tot lot and fenced community garden. The Community Center was identified in the 1987 master plan as a desirable element of the park. In 1989, improvements were made that included the sports fields, tennis courts, paved parking lots, and expanded turf areas. The Robert Livermore Community Center was constructed and completed in 2005 with funds from a three-agency bond measure approved by voters in 1999. The Community Center houses the Senior Services Center (SSC), a teen center, two pools, a gymnasium, ballroom and various meeting and activity rooms.

Assessment/Improvements:

- Restripe parking lots;
- Correct turf and irrigation issues;
- Prune parking lot trees and replant where missing.

30 Robertson—110.3 Acres (Opened in 1966, maintained by LARPD and owned by LARPD and City.)

Location: 3200 Robertson Road (between Concannon Boulevard and Arroyo Road).

Robertson Park contains soccer fields, restrooms, horseshoe pits, riding arenas including a recently constructed covered arena, the rodeo stadium and associated facilities, natural riparian areas near and along the creek, group picnic areas, multi-use trails that accommodate many different users including equestrians; and ballfields which are adjacent to South Livermore Avenue on the north end of the park. The Arroyo Mocho trail—a major east/west multi-use trail and one of the longest completed trails within City limits—traverses directly through Robertson Park along the creek. The trail provides opportunities to connect from Robertson Park to the South Livermore Valley Trail south and east of the park.

The park is home to the annual Livermore Rodeo, which is now a long-standing tradition synonymous with Livermore and its agricultural heritage. Because of its size, the park also accommodates many LARPD sponsored special events within the Community. Although the park now provides opportunities and facilities for a variety of recreation uses, it is still thought of by many residents as an equestrian facility or center. In 1967, the rodeo stadium was constructed to replace the one that is now the City Hall complex. At that time, the park was on the outskirts of Livermore within Alameda County. Since then, however, new infill residential development has occurred west, south and north of the park, causing the potential for noise, dust, and lighting conflicts between users and nearby residents. The City and LARPD also share use of a maintenance service center located at the east end of the park.

Assessment/Improvements:

- Improve on-site parking;
- Consider development of active sports fields in the currently dirt field adjacent to Rodeo Grounds or relocation of Dog Park.

Special Use Facilities

LARPD owns and/or operates and maintains 12 special use facilities or parks, both locally and in South Lake Tahoe (Camp Shelly). These are facilities or parks geared towards special or single purpose recreation activities. This definition also includes historic facilities or buildings used by the District for recreation or education purposes.

31 The Barn—0.5 Acres (Opened in 1922, City owned/operated by LARPD since 1970.)

Location: 3131 Pacific Avenue adjacent to the City Hall and the Civic Center.

The building was constructed in 1922 as part of the original Livermore rodeo grounds. The site and buildings are owned by the City; however, LARPD took over operation and maintenance of the facility in 1970. The building contains kitchen facilities, meeting rooms, and restrooms. It can be rented for special events and gatherings. Parking for the facility is limited to Pacific Avenue and the City Hall parking lot after hours.

Assessment/Improvements:

- Because of its age, the facility will need several major long-term improvements including:
 - Accessibility upgrades to walkways and restrooms to meet code requirements;
 - Structural improvements;
 - Fire sprinklers.

32 Camp Shelly—7.7 Acres

Location: Highway 89 near South Lake Tahoe.

Camp Shelly is a family campground leased by LARPD from the National Forest Service. The camp is open annually from June until early September and contains 25 campground sites, central restrooms, a volleyball and basketball court, and horseshoe pits. LARPD rangers provide programs during the summer months that include campfires, hiking, and a fourth of July celebration.

Assessment/Improvements:

- Provide accessible restrooms
- Evaluate long-term financial feasibility of continued operation by the District.

33 Carnegie Library—.1 Acres (Opened in 1911, City owned/operated by LARPD since 1966.)

Location: 2155 Third Street

The Carnegie Library building is located in Downtown Livermore. The Carnegie Library is a significant historical landmark in the City, notably for its association with the Andrew Carnegie Library program from 1889 to 1923. The library houses the Livermore Heritage Guild museum and Livermore Art Association, and is used for LARPD classes. It can also be rented. The City owns the Carnegie building and LARPD operates it.

Assessment/Improvements:

- Coordinate closely with the City in the development of a Master Plan for the park and building as they relate to downtown revitalization.

33 Ernie Rodrigues Sports Field—11 Acres (Owned by City/operated by LARPD.)

Location: South Livermore Ave near Concannon Blvd

The Ernie Rodrigues Sports Fields features two lighted baseball/softball fields, batting cage, restroom, and concession/scorers facility. The Sports Complex features ample parking with 175 parking spaces located on site.

Assessment/Improvement:

- Resurface parking lot and ADA improvements
- Shrub bed renovation

34 Hal Chestnut Memorial Field—10 Acres (City owned/LARPD maintained.)

Location: 4455 Raymond Road

This special use park is leased by the Livermore Flying Electrons club specifically for flying radio controlled airplanes. The site is maintained by LARPD and contains an onsite parking area, picnic tables and an airfield.

Assessment/Improvements:

- Portable restrooms;
- Accessible parking spaces.

35 Independence—17.7 Acres (Opened in 1976, City owned/LARPD maintained.)

Location: 2798 Holmes Street

Although Independence Park contains a tot lot and picnic tables, the fields are used primarily for soccer practice and games. The park contains three unlit soccer fields and onsite parking for 177 cars.

Assessment/Improvements:

- Because the park is used intensely for soccer, the fields require routine renovation;
- Concrete walkway to playground;
- Minor maintenance of tree wells and additional safety surface to playground.

36 Max Baer—11.8 Acres (Opened in 1967, LARPD owned/maintained.)

Location: 1310 Murdell Lane (adjacent to Mendenhall Elementary School).

The park contains a tot lot, barbecue pits, picnic tables, ballfields, dog park and preschool. The preschool is housed in the Jane Addams House which existed on the site when the property was purchased.

Assessment/Improvements:

- Concrete walkway repair.

37 Merritt Building—1.7 Acres (Constructed in 1914, LARPD owned/maintained.)

Location: 71 Trevarno Road.

The R.E. Merritt Building and Little House, located at the end of Trevarno Road, were formerly part of the Coast Manufacturing Industrial complex which opened in Livermore in 1914. The Complex, along with the residential portion of Trevarno Road, originally housed company employees, and is historically significant to Livermore because of the leading role the Coast Company played in the industrial and economic development of the area. The residential area along Trevarno Road is one of the few remaining examples in Northern California of company-provided housing that retains its original design integrity. The Merritt Building formerly housed the District's offices, but now is used as offices for the ESS program and CIP staff.

Assessment/Improvements:

- Develop demonstration native plant garden in place of turf.

38 Ravenswood Historic Site/Buildings—19.9 Acres (City owned/operated by LARPD since 1976.)

Location: 2647 Arroyo Road.

Ravenswood was originally constructed between 1885 and 1891 as the country estate of Christopher Buckley Sr., a San Francisco political boss. The estate is listed on the National Register of Historic Places and is a California Historic Point of Interest. Because of its historic designation, any improvements or alterations to the buildings must comply with the Secretary of Interior Standards. The main house along with the carriage barn, cottage house and tank house are available, along with the surrounding grounds, as a rental facility for weddings, private parties, and community events. The main house is also used for The Ravenswood Progress League’s historical interpretive programs. The Arroyo Road Trail (T-13) runs along the east side of the property.

Assessment/Improvements:

- Reconfigure parking area to develop group picnic area and direct access to historic facilities;
- Replace asphalt walkways.

39 Sunken Gardens—8.9 Acres (LARPD acquired the land in 1959; Skate park was dedicated in 2001 and is maintained by LARPD.)

Location: 3800 Pacific Avenue adjacent to City Hall and Civic Center.

The park area is currently improved with a skate park, bike stunt course, and small parking lot (18 spaces) adjacent to Pacific Avenue. The remaining eight acres of land east of the skate park are unimproved. The park is adjacent to and north of the Civic Center Trail (T7).

Assessment/Improvements:

- Only a small portion of park has been developed;
- Re-evaluate Master Plan to determine best use of undeveloped facilities;
- Add barbeque pits.

40 Veterans Memorial Meeting Hall—0.3 Acres (opened in 1931, County owned/operated and maintained by LARPD since early 1970’s)

Location: 522 South L Street (southeast corner of L and Fifth Street)

The building was originally constructed in approximately 1931 as a Post American Legion facility. At that time the meeting hall was used as a gathering place for veterans of international wars. The Legion subsequently donated the facility to Alameda County. The building contains an auditorium with a stage, kitchen facilities, and a club room and is rentable from LARPD for large gatherings.

Assessment/Improvements:

- No improvements are recommended at this time.

41 William J. Payne—14 Acres (City owned/operated by LARPD since 2002)

Location: 5800 Patterson Pass Road (northwest corner of Patterson Pass and South Vasco Roads).

The park contains two baseball fields, a soccer field and BMX course. The park is situated south of the proposed Patterson Pass Trail (T8).

Assessment/Improvements: Long-term improvements desired include:

- New restrooms/snack shop and maintenance building;
- Lighted fields and increased parking.

Open Space Areas

LARPD owns and/or operates and maintains 5 open space parks and preserves range in size from 24 acres to over 800 acres. Open space parks are larger land areas with outstanding natural or cultural features warranting conservation for their natural value, educational benefit and enjoyment by the public. Open space parks are usually open to the public and may allow passive recreation activities, while preserves may have restrictions or limitations to public access as further protection of sensitive resources.

42 Brushy Peak—507 Acres (LARPD owned/operated with an adjacent 1,528 owned by EBRPD)

Location: Northern Alameda County at the terminus of Laughlin Road.

The Brushy Peak Open Space Preserve was first identified by LARPD as a potential park in the 1970's and was purchased in 1994. The 507 acres owned and operated by LARPD, which includes Brushy Peak Summit, contain not only significant wetland habitat, but also cultural, geological, and historical resources and is only accessible by Ranger led tours.

Assessment/Improvements: Long-term improvements desired include:

- Develop resource management plan;
- Work with EBRPD to acquire additional lands adjacent to the preserve.

43 Garaventa Wetlands Preserve—24 Acres (Owned/operated by LARPD since 1996)

Location: Vasco and Garaventa Ranch Road

The preserve is located just north and adjacent to Altamont Creek. It contains sensitive alkali wetlands and vernal pools supporting a wide range of special status species including potential vernal pool Fairy shrimp, Western Burrowing owl, the California Horned lark, Loggerhead shrike and San Joaquin spearscale. The property is part of a larger historic, regional northeast/southwest band of seasonal alkali wetlands that terminate in the Springtown Alkaline Sink area.

Assessment/Improvements: Long-term improvements desired include:

- Development of resource management plan;
- Development of perimeter trail and interpretive boardwalk;
- Consider acquisition of adjacent properties to ensure protection of sensitive biological resources.

44 Holdener Park—55 Acres (Owned/operated by LARPD)

Location: 2400 Hansen Road

Holdener Park includes beautiful hills and a canyon with a variety of wildlife.

Assessment/Improvements: Long-term improvements desired include:

- Develop resource management plan;
- Development of internal trail system with interpretive displays;
- Compost restroom at parking lot;
- Creek/habitat restoration;
- Consider acquisition of adjacent properties to ensure protection of Dry Creek.

45 Sycamore Grove Park—807 Acres (Owned/operated by LARPD since 2002)

Location: 1051 Wetmore Road and 5211 Arroyo Road

Sycamore Grove Park is located in the southern area of the Livermore Valley along the Arroyo Del Valle. The park contains one of the oldest and largest stands of California native Western Sycamore (botanical name: *Platanus racemosa*) trees in California.

Assessment/Improvements: Long-term improvements desired include:

- Renovate existing paved trails;
- Habitat restoration.

46 Murrieta Meadows – 11 Acres (City owned/maintained by LARPD)

Location: Along the Arroyo Mocho between Daisyfield Drive and East Stanley Boulevard.

This wooded open space area provides a ribbon-shaped green belt that connects trail users to and between Hagemann Park, Granada High School, and the residential areas of the western part of Livermore.

LARPD

PARKS, RECREATION AND TRAILS MASTER PLAN

ASSESSMENT OF CURRENT RECREATION PROGRAMMING AND RECOMMENDATIONS

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Assessment of Current Recreation Programming and Recommendations for Livermore Area Recreation and Park District

Introduction

In addition to providing open spaces, parks and historic facilities for recreation, the Livermore Area Recreation and Park District (LARPD) also provides a wide range of services and programs geared towards meeting the recreation needs and interests of various age levels. The District's service and activity programs include:

- **Recreation Classes and Activities** - In addition to those classes geared towards recreation and fitness, LARPD offers a variety of cultural and special interest classes and activities including music, dance, art, computer technology, and science.
- **Organized Team Sports Activities** - Numerous organized sports groups such as Little League and soccer teams, utilize LARPD facilities and fields. The aquatics program offers swim lessons and water activities.
- **Community Programs** - LARPD provides programs geared towards assisting individual age and special needs groups such as seniors and developmentally disabled, as well as before and after school childcare.
- **Special Events** - LARPD works with other jurisdictions including the City of Livermore to provide seasonal, special, and educational events for the community.
- **Day Camps and Sports Camps** - LARPD's recreation programs include numerous special interest or activity day camps, as well as sports oriented camps.
- **Environmental Education Opportunities** - LARPD's open space parks, such as Sycamore Grove and Brushy Peak, provide unique environmental education as well as walking and hiking opportunities.

LARPD has a history of providing community services and activities to meet the needs of various age groups. The Extended Student Services (ESS) Program, which provides before and after school childcare, has been serving the Livermore area since 1985.

The Senior Services Program was started in 1969 through Alameda County. By the mid-seventies, however, LARPD had become the sponsor of the Senior Services Center, which operated out of LARPD's recreation center (now located at the Robert Livermore Community Center).

EMERGING TRENDS

Today, our country and the world has become more transient, fast paced, with consistent, rapid, and dramatic changes. Therefore, understanding the trends that affect the park and recreation industry is very important as the City moves through the process of developing a Comprehensive Community Services Master Plan to ensure sustainability and to meet the future community service needs of the community. An awareness of trends affecting the future economy, facility operation, and program participation will not only enhance the ability to meet growing and changing needs but open doors to

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new opportunities. Paying attention to current issues and understanding future issues will assist LARPD in achieving sustainability and positioning parks and recreation as an essential service to the community.

Emerging trends can be organized into five major subject areas:

- Demographic Shift
- Changing Life Styles
- Society and Economy
- Sustainability
- Park and Recreation

As these emerging trends are explained and discussed, it will become clear that there will be significant impacts on current facilities and the development of new park and recreation facilities.

Foremost among these changes are:

- “Intergenerational” facilities that address needs of all of the community’s population regardless of age.
- Facilities that support programs, and provide positive, safe, and secure recreational alternatives for healthy lifestyles and combat obesity.
- Facilities that support programs and activities, promote personal connections, and allow the community to highlight and share their cultural heritage.
- Neighborhood parks that allow for increased community connectedness.
- Facilities that support increased multi-cultural family arts events.
- Access to facilities, with flexible hours to accommodate user needs.
- Facilities in which teens can call “home”, program, and operate under teen leadership.
- Facilities in which children can experience, learn, and develop an appreciation for nature and open space.

Demographic Shift

- Our Nation is aging, and so are the State and the City. The median age of Americans today is 37 years. By 2030, it is projected to be 39 years. Livermore’s median age was 35.0 in 2000 and increased to 38.3 in the 2010 census. The US Census Bureau projects that California’s population for those over 65 will increase by 130% by 2030.

- Households are shrinking nationwide, for Livermore population per household decreases slightly from 2.80 in 2000 to 2.76 persons in 2010, slightly larger than in Alameda County at 2.70 person per household. California currently has the second highest average in the nation at 2.93.

- Our Nation becomes more culturally diverse. By 2020, the Hispanic population will reach 80 million, comprising one in five US residents. English as the language used at home has dropped from 87% in 1990 to 84.3% in 2000. Within the Livermore City boundaries between 2000 and 2010, Hispanic populations increased to one in five of the population and those of White ethnic origin declined to one in four.

- There will continue to be a growing population of individuals with special needs. In 2005, almost 22 million of older adults in our Nation had a functional deficit, and 12 million of this group had an activity limitation. This percentage will grow over time as the population ages. By 2030, these figures are

projected to grow to 38 million and 22 million respectively, assuming both rates of functional and activity limitations remain the same.

Changing Life Styles

- Both “Gen X’s” and “Gen Y’s” crave fun, fast-paced and action-packed experiences; seek the pursuit of pleasure and the stimulation of the senses. They prefer collective activities, media and technology-based leisure and extreme sports.

There are now an estimated 10.5 million health club members in the US who over age 55.
International Council of Active Aging

- “Generation X” is the generation born after the baby-boom ended, between 1966 and 1976. Technologically speaking, Gen X has witnessed the rise of cable TV, video games and internet. Their political experiences and cultural perspectives were shaped by the end of the cold war, the fall of the Berlin Wall, and a series of US economic calamities such as the 1973 oil crisis, the 1979 energy crisis and the early 1980’s economic recession.

- “Generation Y”, also known as the Millennial Generation or Generation Next, were born roughly between mid- 1970 and 2000. Expression and acceptance are highly important to this generation. They are very familiar with digital technologies, media and communications, including texting, IM, YouTube and Facebook. They often find comfort in on-line gaming. Their economic outlook has been hard hit by the late 2000’s economic recession.

Who do Youth Participate With?	
Friends	86%
Family	57%
Themselves	35%
CA State Parks Opinions & Attitudes Survey 2007	

- The high-tech world has given birth to a generation of sedentary lifestyles. The high-tech/high-touch generation shares common leisure activities such as internet surfing, computer and video games, social networking and TV watching. As a result, obesity prevalence for adults increased from 10% in 1990 to 24% in 1996, and was projected to rise to 35% by 2015.

- Situated in the San Francisco Bay Area, Livermore has convenient access to scenic mountains, natural wooded areas and great bodies of water. While this provides opportunities for people both seeking high-risk challenges and yearning for spiritual quests, walking and bicycling become the most popular activities statewide. Despite this, Walkscore.com gave Livermore only a 36 rating meaning a car dependent city, although downtown Livermore received a 91 score out of 100. In contrast, San Francisco was the second most walkable cities in the United States receiving scores of 86.9. In 2008, California State Parks research found that 74% of Californians walk for fitness or pleasure. The Community-wide telephone survey conduction for the Master Plan found that only 65% of Livermore area residents walk for fitness or pleasure.

- The 2000 National Survey on Recreation and the Environment (NSRE) estimated that walking would grow 23% and 34% in the next 10 and 20 years respectively. Blessed with the great outdoors, and a push in California to make communities more walkable, one can expect even a higher rate in California.

Society and Economy

- Unemployment will remain high in the foreseeable future. The Great Recession, technically ended in mid-2009, but has many lingering effects. A higher than “normal” unemployment rate ranging from 7-12% will likely stick around in California for at least another three to five years. Currently the unemployment rate in Livermore ranges less than 5%.
- Nation-wide the gap between those who “have” resources and “have-not” is getting wider. Within the Livermore area the percentage of those living in poverty is relatively low, 5.6% as recorded by the American Community Survey 2006-10 to 14.4% state-wide. According to the Tri-Valley Human Services Needs Assessment completed in 2011, Pleasanton recorded an 8.3% poverty rate with 2.7% of the population 50% below the poverty rate. The largest percentages of those living below the poverty rate were families headed by a single female. The median household income for 2010 was \$92,977 with the state of California at \$58,931.
- Crime continues to be a concern. Livermore crime statistics report an overall downward trend in crime based on data from 12 years with Livermore crime statistics report an overall upward trend in crime based on data from 12 years with violent crime increasing and property crime decreasing. Based on this trend, the crime rate in Livermore for 2014 is expected to be higher than in 2010. The city violent crime rate for Livermore in 2010 was lower than the national violent crime rate average by 2.14% and the city property crime rate in Livermore was lower than the national property crime rate average by 26.42%. In 2010 the city violent crime rate in Livermore was lower than the violent crime rate in California by 10.34% and the city property crime rate in Livermore was lower than the property crime rate in California by 17.88%. Compared to other communities of similar population size, Livermore has a crime rate that is noticeably lower than the average for comparably sized cities all across America.
- Technology will continue to shape the way we live and do business. In the US, social networking now accounts for 11% of all time spent online. In December 2009, a total of 234 million people aged 13 and older used mobile devices. Twitter processed more than one billion tweets and averaged almost 40 million tweets per day. Over 25% internet page views occurred at one of the top social networking sites, up from 13.8% a year before. About 91% of 15-year old students in Alameda County in 2003 had access to a computer at home, using them to do homework, play games, network, chat with friends and surf the internet.
- Nationally, there is an emerging recognition that parks and recreation services play a significant role in improving the quality of life of the City, and that parks and open space are catalysts for both community building and economic development. A series of *Parks Forum* discussion papers recently released by American Planning Association directly associate well-maintained parks and greenways with a strong sense of place and community identity, enhanced property values, and business, future homeowner and tourist attractions.

Sustainability

- There is a renewed awareness and sensitivity to the preservation of our natural environment. Many cities have developed best practices and strategies to address open space and urban forest preservation, wildlife habitat and natural area restoration, invasive plant management and shoreline/wetland/critical area management.

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- Another fast growing trend is the construction of “green” buildings using Leadership in Energy and Environmental Design (LEED) certified strategies to improve energy savings, water efficiency, CO2 emission reductions and stewardship of resources. Since the inception of the LEED certification system in 1998, the U.S. Green Building Council has grown to encompass more than 14,000 projects in the United States and 30 countries covering 1.062 billion square feet (99 km²) of development area.
- There is a trend to utilize ecologically sound management practices in park and facility maintenance and operation. This would include recycling programs, reduced use of pesticides, energy-efficient lighting installations, water conservation and bio-swale additions in park design to reduce water runoff.
- Nearby Contra Costa County has started a Green Business Program based out of Contra Costa County Health Services, Hazardous Materials Programs. The program works with businesses to conserve resources and prevent pollution, possibly becoming Green Business certified using sector-specific criteria.
- Sustainable development has been gaining momentum since late 1980’s in response to the growing awareness of global warming and the need to reduce carbon footprint. The park and recreation profession has a huge role to play to comprehensively promote the three pillars of sustainability, economic, social and environmental. Parks, open space and recreation services generate a host of community benefits and outcomes in each of the three pillars of sustainability.

Park and Recreation Industry

- According to the Center for Disease Prevention and Control more than two thirds of Americans are overweight and one-third is obese. Even though the obesity rate in California **increased by 78%** over the last 15 years, it is the 11th least obese state in the nation and has showed a small improvement over the past two years. Alameda County was at 21.9%, San Francisco 18.7% and San Mateo has an obesity rate of 25.4%. A recent study by the Trust for America’s Health and the Robert Wood Johnson Foundation projected a nation-wide obesity rate of 42% by 2030 with California increasing from the current level of 27% to 47%.
- A study by the California Center for Public Health Advocacy and the UCLA Center for Health Policy Research, and funded by the Robert Wood Johnson Foundation found that 32.1% of 5th, 7th and 9th graders in Livermore, California were obese. Hayward and San Leandro were tied for the childhood obesity rates at 42.7%. They were followed by Oakland at 42.3%. Union City ranks right below Newark with 38.4%. The lowest obesity rate in Alameda County was found in Pleasanton at 22.8% with the Alameda County at 34.5% and California at 38%. The highest childhood obesity rate in California was found in Huntington Park at 52% and the lowest at Manhattan Beach at 11%.
- Urban parks are on the rise to address open space and leisure walking needs within the compact built environment. Urban parks are commonly expressed in the form of paved plazas or courtyards adorned with public arts and water features, or linear urban trails with widened boulevard, city streetscapes and bike facilities. Sometimes, these urban parks are interspersed with community gardens to replace lost backyards in high-density living.
- A recent study published in the February 2012 issue of Pediatrics claimed that because of stricter licensing codes, playgrounds are now less physically challenging and more boring to children. "The emphasis on pre-academics,

The total estimated cost to California, primarily for health care, for overweight, obesity, and physical inactivity is over \$41 billion.
California Center for Public Health

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concerns about safety, and limitation in budgets and space have created the perfect storm for young children to get less than the desired amount of physical education and exercise," Dr. Andrew Adesman, chief of developmental and behavioral pediatrics at the Steven and Alexandra Cohen Children's Medical Center of New York.

- There is an increasingly vocal group of play experts (including environmental psychologists, child development specialists, educators and landscape architects) who see creative play as serious work providing time for kids to learn, discover and be creative. They advocate the creation of a play environment open to manipulation. They see the addition of familiar swings and slides as only offering repetitive gross-motor play activities often isolated from other activities. Instead, they recommend *adventure playgrounds* made up of "loose parts," such as water, sand, balls and other manageable materials, for children to work, explore, and create and make-believe.

- Sports have become more specialized providing year-round competitive opportunities to develop a child from recreation play to a scholarship-earning level over a longer season at a younger age. Figures released by the Sporting Goods Association of America (SGMA) show that among youths and teens aged 7-17, there has been an increase in skateboarding (75%), snowboarding (30.3%), tackle football (23.5%), tennis (9.5%), bowling (8.5%) and soccer (4.6%). However, participation has decreased in such sports as in-line skating (-60.4%), softball (-36.1%), fresh water fishing (-20.2%) skiing (-28.5%), volleyball (-8.7%), basketball (-17.9%), golf (-17.3%), bicycle riding (-14.1%), mountain biking (-13.8%) and baseball (-12%). Besides a five-fold growth in soccer over the past two decades, sport trends between 2007 and 2009 concluded that respectable gains in participation were found in court volleyball (up 17.2%), indoor soccer (up 11.8%), rugby (up 11.8%) and beach volleyball (up 7.5%).

For all ages aerobic exercising showed a 16.3% increase while yoga had the highest increase in participation up by 28% in 2010.

NSGA Survey

- Bocce Ball, a sport which has been around for centuries is now experiencing a growth in participation rates, especially in the San Francisco Bay Area. The United States Bocce Federation states that there are about 1 million players currently in the United States. Livermore is home to a private business, Campo di Bocce of Livermore, with eight Bocce courts, and combined with a restaurant featuring traditional Italian Cuisine. The District recently opened new Bocce courts at Bothwell Park and make bocce ball kits available for use by the public.

- With the constant increase in youth sports, especially soccer and youth football, City fields are severely impacted with limited space for league and open play. Agreements with the Livermore School District allows for the use of school fields as additional locations for league play and practice.

- Extreme sports are on the rise in most cities. A 2008 SGMA Report showed that among those aged 6 years and older, the most popular extreme sports in the US, listed in a decreasing order of participation, included in-line skating, skateboarding, mountain biking, snowboarding, paintball, cardio kickboxing, climbing (indoor, boulder), running, ultimate Frisbee, wakeboarding, mountain/rock climbing, BMX bicycling, roller hockey and boardsailing/windsurfing.

US Youth Soccer player registration decreased by over 50,000 and is projected to drop by an additional 164,590 in 2012, leaving an overall total of less than three million for the first time in more than 12 years.

It would be easy to attribute the decrease in registration to economic concerns or even a lower birth rate. However, when you look at organizations like US Club Soccer, they're forecasting growth of more than 15% in 2012. Similarly, other sports like US Lacrosse, the governing body for Lacrosse in the United States, showed an increase in youth registration by more than 35,000 from 2010 to 2013 with further growth expected.

US Soccer Key Statistics and US Lacrosse
Facts & Figures

- Nationwide, new Community Center design and construction has placed more emphasis on the scale of development, the use of Crime Prevention Through Environmental Design (CPTED) principles, and the pursuit of LEED certification. Large multi-purpose centers, usually over 65,000 sq. ft., could help increase cost recovery, promote retention, and encourage cross-use.

- Forming partnerships and engaging volunteers have become efficient ways of doing business. Today, over 95% of park and recreation agencies have formed some kind of partnerships to extend their reach, increase programming capabilities and expand funding ability. According to a 2009 Recreation Management article, the most common partners include local schools (75.2%), other local government agencies (69.1%), nonprofit organizations (59.8%), state government (43.9%) and private corporations, service clubs or local businesses (38.5%).

- Many Park and Recreation agencies have begun to extensively search for solutions to create and sustain healthy finances. They aggressively pursue alternatives to expand funding sources beyond general fund tax dollars,

improve cost-recovery and explore park facilities as self-sufficient revenue centers.

- To be more accountable, transparent, responsive and effective, today more and more cities and their parks and recreation departments are using business models to gain better efficiencies. This would require a paradigm shift towards a business mindset in planning and managing services, with emphasis on core business, best practices, smart operation, performance management and customer service. Today, the park and recreation industry faces the on-going challenges of meeting or exceeding the expectations of their diverse and aging population and stiffer competition for tax dollars.

Existing Programs and Activities

As part of the 2014 Community Needs Assessment Survey for the Master Plan Update, Livermore Area residents identified health and fitness programs as one of the more important recreation activities. In the survey, when asked what the most important benefit of recreation, health and fitness programs came in first in importance. When asked to rate the importance of various recreation programs, 67% of the survey respondents indicated that walking programs for fitness or pleasure were most important, followed by picnicking, swimming, bicycling, playground equipment use, sports activities, and off-road bicycling.

LARPD offers a wide variety of sports activities and classes for all ages. There is an extensive Aquatics Program at both May Nissen and Robert Livermore Parks. Other classes offered include horseback riding, bowling, tennis, and golf. In addition, numerous organized sports groups and leagues for soccer, softball, and baseball utilize park fields on a regular basis.

LARPD Revenue Rate

Budget Unit	FY 13-14 Budget	FY 13-14 Revenue	FY 10-11 Revenue Rate	FY 11-12 Revenue Rate	FY 12-13 Revenue Rate	FY 13-14 Revenue Rate
Aquatics	\$ 946,100	\$ 492,000	47.06%	55.28%	59.80%	52.00%
Middle School	\$ 517,725	\$ 527,000	100.90%	99.58%	102.61%	101.79%
Believes Program	\$ 134,325	\$ 129,412	92.55%	93.76%	96.89%	96.34%
Ravenswood	\$ 134,485	\$ 94,610	75.04%	78.40%	55.34%	70.34%
Youth Sports	\$ 65,788	\$ 73,350	84.15%	187.70%	155.08%	114.94%
Facility Rentals	\$ 190,365	\$ 186,100	147.25%	166.03%	106.13%	97.75%
Preschool/Camps	\$ 321,337	\$ 408,168	125.61%	121.31%	126.96%	127.02%
Senior Center	\$ 373,791	\$ 200,046	57.25%	58.88%	58.55%	53.51%
Extended Student	\$3,139,365	\$3,501,800	117.91%	117.86%	113.00%	111.54%
Camp Shelly	\$ 47,740	\$ 51,000	113.90%	106.90%	111.08%	106.82%
Classes	\$ 367,207	\$ 395,500	126.57%	122.66%	107.70%	107.70%
Adult Sports	\$ 153,654	\$ 144,500	97.69%	106.58%	109.21%	94.04%
RLCC Gym Sports	\$ 190,316	\$ 222,250	105.09%	102.90%	123.62%	112.30%

**Fiscal Year 2013/14 displays budgeted numbers. All other Fiscal Years display actuals.

Revenue rate describes the percentage of income that is produced from fees and charges contrasted with total direct expenditures for each program. Direct expenditures does not include general overhead and District administration. The table below identifies the revenue rate for each of the major programs based on the current fiscal year budget contrasted with the three previous fiscal year actuals.

Since 2010/11 the District has maintained a steady revenue rate for all programs except facility rentals which has shown a decline from 147.25% to 97.75%. The Aquatics revenue rate has shown a slight increase from 47.06% to 52.00%. Industry standards varying greatly in the Aquatics category depending

on facility size, scope and age. As an example, Pleasanton has a revenue rate for aquatics ranging from 67-77% over the past few fiscal years and Pleasant Hill has been in the upper 50's%.

Several programs fully covered their costs including Middle School, Youth Sports, Preschool, Extended Student Services, Camp Shelly, Classes, and Robert Livermore Community Center Gym Sports.

Aquatics

Swimming is considered one of the more important activities to Livermore Area residents. The survey conducted for the Master Plan Update in December, 2013 showed that one third of the population in LARPD consider swimming programs most important in the District. In the 2006 Needs Assessment Survey it was ranked second in importance, following walking/hiking, which ranked first. LARPD swimming pools were also identified as one of the most frequently used type of facility, following parks and trails.

LARPD's Aquatics Program provides opportunities for public and private swim lessons, adult lap swimming, water exercise classes, and a summer recreation swim team. For the period from July 2012 through June 2013 the District provided 1,815 swim lessons. Recreational swimming accounted for over 28,000 uses, lap swim over 9,000, and nearly 10,000 uses for water polo tournaments and swim meets. In total, the two swimming pools had a customer count of nearly 120,000.

The District continues to provide a year-round swimming program at the Robert Livermore Community Center and water awareness programs for local school children. In addition lifeguard training is conducted winter through summer.

The Aquatic programs at both May Nissen Park and the Robert Livermore Community Center display revenue rates ranging from 47% to 59% over the past several fiscal years. It is typical for community swim pools to be subsidized, especially due to the high cost of staffing, water, and utilities.

Recommended Actions

- Evaluate options and work with Livermore School District and other public or private aquatic program providers to expand swimming programs for city residents.
- Explore the opportunity to schedule during slow periods advanced aquatic programming including level 4 swimming lessons and up, lifeguard training classes, SCUBA, water polo, and kayaking.

Children and Youth Services

LARPD offers recreation activities and classes, special events and childcare services geared towards a variety of grade levels: preschoolers, middle and high school. Youth programs are a significant component of LARPD services, constituting nearly a third of the District's operating expense. LARPD recently also implemented the RADD Program (recreation activities for developmentally disabled men and women 15 years and older) to augment youth services.

Childcare needs are increasing and serve a valuable community and recreation service. And there is a particular need for before and after school childcare services. Overall, Alameda County has an estimated

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shortage of child care slots, with the vast majority of the gap in care occurring during before- and after-school times. The widest gap, both countywide and in Livermore, is in the school age category.

Preschool

LARPD offers parent-participation preschool for children between 6 months and 6 years. Currently these programs are at the Jane Addams House; May Nissen Park; Little House (85 Trevarno Road); the Community Center; and at Croce, Christensen and Jackson schools. The preschool program is fee-based and self-supporting. Attendance averages 185 participants.

For the younger babies and toddlers, LARPD offers parent-child classes that include Baby and Me, Wonderful Ones, Terrific Twos and Mommy and Me. These classes incorporate motor and social development, movement, songs, music and play. There is also time for discussion on development and common concerns in child rearing in a relaxed environment.

The Tiny Tots classes are geared toward the developmental needs of 3-year-olds, incorporating theme-related play, social experiences and opportunities to make choices.

Pre-K classes are for 4-year-olds who are getting ready for kindergarten. The class allows the child to develop independence, self-control, a positive image and age-appropriate skills.

Extended Student Services (ESS) and Kids' Zone (KZ)

LARPD has been providing licensed childcare services for school age children since 1985. The ESS and Kids Zone programs were created to provide a safe and caring place for children before and after school and during summer months. Each program provides planned individual and group activities in art, music, science, cooking, language development, dramatic play and outdoor play.

ESS is a year-round licensed child development program which serves school age children in centers located at all ten elementary schools in Livermore. The District has a joint agreement with the Livermore Valley Joint Unified School District to provide ESS services. The program supports the students' academic day by providing creative curriculum, based on Content Standards adopted by the California State Board of Education. Program priorities include: nutrition, getting kids outside, working closely with the families, streamlining management, staff development, and maintaining the overall quality of activities and curriculum provided.

The ESS program is one of the larger service programs operated by LARPD. Over the last two fiscal years, the total operating budget for the program has ranged from \$3.0 million to nearly \$3.14 million. During that same time frame, revenue has ranged from a low of \$3.4 million to a high of \$3.7 million. Program fees pay for almost 90% of the operation of ESS/Kids' Zone. Historically the Program received grants from the State Department of Education and Kidango. For Fiscal Year 2013/14 the Kidango contract ends.

A goal of ESS staff is to foster additional partnerships with public and private agencies to further enhance existing services, including partnering with the School District to create a food program, and working with local resource and referral agencies to assess and assist developmentally disabled children at the kindergarten and fifth grade levels and families of all age groups.

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Challenges which continue to face the program include the replacement of the existing portable classrooms, originally donated to LARPD and are now over 20 years old, and retaining qualified, longterm teachers and teacher aids.

Police Activities League (P.A.L.)

P.A.L. is a year-round after school program for sixth through eighth grade students (11-14) at East Avenue, Mendenhall, Christensen, and Junction Avenue Middle Schools. PAL is available from 7 a.m. to 6 p.m. Monday through Friday during the summer. The program provides snack, field trips, recreational games and activities, homework time (not tutoring), guest speakers and community service projects.

LARPD operates the program with support from the School District and the Livermore Police Department. The main function of P.A.L. is providing a safe, supervised place for students to complete homework and to participate in sports and recreation activities. The program requires a mandatory hour of homework, a positive attitude and good behavior at school, which is rewarded by special activities and field trips through P.A.L. Enrollment in the program has increased steadily. Attendance averages 225 participants.

Teen/Youth Activities/Events

LARPD provides special activities and events specifically for teens. The “Elbow Room” at the Community Center is intended as a fun place for teens to hang out in the afternoons until 6:00 P.M. The Elbow Room is equipped with ping pong tables, foosball, a 52-inch plasma screen, Nintendo Wii, music, board games, a basketball shooting game and more.

However, the middle school dances offered by LARPD are very well attended. LARPD also offers special trips, such as paintball and snowboarding, for middle and high school age youth and a variety of classes including offer a variety of classes that include Driving School, Theater, College Prep, and SAT Prep.

Youth Commission

LARPD sponsors, in coordination with the City, the Livermore Area Youth Advisory Commission, for ages 12 to 20. The Youth Advisory Commission brings together youth and adult, private and public sectors of the community to address responsibility for the care, health, safety, welfare and education of Livermore's young people. The Commission promotes youth involvement in the Livermore community and communication between City leadership and the young people of the City. Creates a forum for ideas and concerns, and provides a vehicle for concerns and interests of youth to be communicated to City Council.

The Commission reports its issues and concerns to both the LARPD Board of Directors and the City Council. The Commission has 15 youth members, three non-voting adult advisors, and two adult liaisons to LARPD and the City.

Recommended Actions

- Consider expanding Livermore’s role in teen programs offering an array of programs that might include social recreation, tutoring, mentoring and non-sports activities.
- Work with health care associations, to incorporate healthy eating and exercising habits into after-school recreation programs and camps for young children that model healthy living.
- Consider providing healthy snacks at District sponsored programs, day camps, and special events that meet state nutritional standards.

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- Partner with the School District to create a subsidized lunch program.
- Explore the creation of alternative sports programming that is of interest to youth such as laser tag and rock climbing.
- Collaborate with Livermore School District and to ensure state standards for physical education are implemented and supplement school programs with physical activity and skill development in recreation offerings.
- Provide indoor and outdoor spaces for supervised but unstructured free play for youth.
- Continue/develop financial assistance support for youth who cannot afford program fees.
- Continue cooperative efforts with youth sports organizations to provide safe and accessible programs that develop sports skills, good sportsmanship and provide youth experiences in organized sports such as the popular baseball, softball, basketball and football. New sports interests to be addressed include cricket, badminton, rugby, and lacrosse.
- Consider programming “high risk” adventure activities such as kayaking, mountain biking, scuba diving, rock climbing.
- Develop a training and volunteer program of *Play Stewards* who would receive training and instruction on the aspects of play and recreation. *Play Stewards* would then coordinate with city staff on the delivery of recreation programming for youth and teens.

Classes

LARPD offers a full range of classes and recreation activities for all age groups. Class and activity sessions occur all year round. LARPD provides activities, programs and special events in over 50 topic areas, including arts and crafts, science, music, language and various sports programs and activities.

Most classes and programs are fee based. In order to offset costs, it is and has consistently been a goal of the District that programs be self-supporting to the greatest extent possible, through user fees as well as nontraditional funding methods. Classes and programs are funded primarily through the fees they generate, as well as grants, and donations. Partnerships with other public and private entities, such as the Livermore Valley Joint Unified School District, Las Positas College, and ValleyCare Health System, have also helped to offset cost and provide services.

Recommended Actions

- Provide greater access to arts programs by offering them at venues close to home: neighborhood facilities, parks, churches, museums, the library and shopping malls.
- Strive to maintain high quality and diverse recreation classes and programs.
- LARPD should continue to monitor demand for programs and classes to determine and address changing needs and usage patterns.
- Develop a line of healthy eating cooking programs in conjunction with the local business community.
- Develop multi-cultural arts programs and activities that promote personal connections among participants and allow the community to highlight and share its diverse customs, celebrations and diversions.
- Survey current participants and non-participants to determine their preferences for additional kinds of classes, and determine if there are any deterrents to their participation, such as transportation or child care.

- Collaborate with local and regional arts organizations to maximize resources and expertise to bring additional cultural programs to residents.
- Expand cultural events and creative experiences through community partnerships with merchants, businesses, Chamber of Commerce, and other community organizations.
- Showcase different cultures in special event programming to enhance cultural understanding and unity.

Most often desired programs included arts and crafts (12%), music (6%), and plays (5%).
Community-Wide Telephone Survey

Community Center Gymnasium

The Robert Livermore Community Center includes a 71,000 square foot building plus 46,000 square foot aquatic area. The facility includes a Senior Services Center, pre-school, dance studio, double sized gym, 2 pools, meeting rooms, a café, conference, and reception rooms. The, 13,000 square foot, multi-purpose gymnasium provides room for classes, and is available for a variety of uses, including adult and youth sports activities, basketball and volleyball leagues and clubs, and special events such as the Halloween Carnival and Children’s Fair. The gym is also available to community groups for special uses such as science/job fairs, blood drives, and school sports boosters.

Recommended Actions

- Modify existing contracts to require that all concession operations and vending machines sell at least 75% of the product that meets state nutritional standards.

Organized Team Sports

There are nearly 20 organized sport groups for softball/baseball and soccer that regularly utilize Livermore Area playing fields throughout the year.

While enrollment among the various groups has fluctuated over the last five years, most groups have maintained, if not increased, enrollment since 2002. According to LARPD staff, there is a consistently high demand for playing time on all sports fields. LARPD staff has also indicated that there is no available space to accommodate additional or new sports groups.

Since the time of the last LARPD Master Plan update, LARPD has added field acreage at William B. Payne and Altamont Creek Parks. Still, Livermore lags behind other neighboring communities in the amount of turf acreage provided relative to population. Livermore residents would like to see a new sports park facility within LARPD’s jurisdiction that would provide playing fields to augment the existing shortfall and accommodate a mix of these uses. One of LARPD’s biggest challenges over the timeframe of this Master Plan is finding an appropriate and available location (and funding) to create additional playing fields to meet this specialized demand.

Recommended Actions

- Consider planning future Special Use Park acreage to accommodate multi-use sports fields that will needed to accommodate the future growth of organized team sports participation.

Outdoor Recreation Programs

An objective of a previous Master Plan (1995) was to “develop and expand a comprehensive Environmental Education Program using LARPD parks as well as other park areas as part of the nature and day camp programs.” The classes and activities currently being offered reflect the importance of this educational component to outdoor recreation. The District offers guided weekend hikes at the Brushy Peak Preserve, weekend nature walks at Sycamore Grove and Veterans Parks, nature walks with school children, and specialized classes and tours providing knowledge in specific areas of outdoor recreation and geared towards a variety of age groups and interests. LARPD also conducts a Saturday Junior Rangers Program for ages 9-12, which provides opportunities for hiking, games, education and overnight camping. Last year, the Summer Nature Camp held at Sycamore Grove Park for ages 4-13 hosted 431 children. LARPD plans and provides amenities in support of its Environmental Education Program, such as interpretive display areas at Open Space parks and preserves.

The fees generated by the outdoor recreation classes and activities provide funding for most of the operating costs of the program. The National Park Service and California Department of Parks and Recreation also offer various grants for habitat conservation with an educational or interpretive component (for example, the Land and Water Conservation Fund and Habitat Conservation Fund). These potential funding sources should be investigated as a means of augmenting the program or possibly implementing planned facilities.

The Open Space program includes the operation of Camp Shelly family Campground located on U.S. Forest Service lands near South Lake Tahoe. The camp is open mid-June through Labor Day and features a 25 site campground available to individuals and group by reservation. 2012’s attendance was 1,351 reserved sites with 7,084 visitor nights.

Recommended Actions

- Expand passive and active outdoor programs for families, neighborhood oriented walks, foot races, or bicycle events to provide safe venues for physical activity.
- Collaborate with Livermore Unified School District, East Bay Regional Park District, Audubon Society, and other organizations to offer programs in environmental education and interpretation to develop stewardship for natural resources and instill an appreciation for the natural environment.
- Implement Safe Routes to Schools and Parks via a joint Livermore/Livermore Unified School District project to encourage walking to and from schools and parks. A goal of the program is to increase the outdoor activities of families by providing incentives for non-automotive transportation and providing additional opportunities to interact with the natural environment.
- Adopt the *Outdoor Bill of Rights* connecting children with the outdoors and California history.

California Children’s Outdoor Bill of Rights

Every child should have the opportunity to:

- Discover California’s Past
- Splash in the water
- Play in a safe place
- Camp under the stars
- Explore nature
- Learn to swim
- Play on a team
- Follow a trail
- Catch a fish
- Celebrate their heritage

Adopted by the CA Roundtable in 2007

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- Utilize other recreational programming to promote the Districts sustainability actions and outdoor recreation programming.
- Develop low-cost/free programs for families in neighborhood parks to encourage children and families to get out and play.
- Develop a *Park Steward* Volunteer Program where individuals can provide environmental enhancements, clean-up, and coordinate other volunteers within local parks.

Senior Services Center

The Senior Services Center (SSC), located at the Robert Livermore Community Center, has a long history of offering an array of services to assist the elderly population in the Livermore area. As noted in the mission statement, the SSC has been striving to provide senior services since 1970. The center was originally funded by the County of Alameda with LARPD providing operating and office space in its recreation center shortly after its creation. With the passage of Proposition 13, Alameda County terminated funding for the program and soon thereafter LARPD became the center's sponsor.

Since opening, the center has continued to expand and include more recreation activities and services to meet a growing need. LARPD continues to be the main funding source for these services. The center serves approximately 2,500 persons per month including people 50 years of age or older, as well as caregivers and families with aging members. This includes nearly 12,500 participants in classes, presentations, and activities, 4,400 congregate meals served, and nearly 2,000 in senior trips.

Programs and Services

The Senior Services Center is located within the Robert Livermore Community Center on the ground floor. Facilities include offices and a lounge, library room, and pool room. The Center offers a wide variety of programs and services including:

- Health insurance counseling and health screening
- Congregate Meal Program for age 60+
- Wiesner Memorial Fund for age 60+
- AARP tax assistance for age 55+
- Flu shots for age 60+
- A notary service and legal assistance
- Homeowner/Renter Assistance
- Dial-A-Ride vouchers and BART tickets
- The Spectrum lunch program, which provides lunches Monday through Friday

A variety of services are provided by, or in conjunction with, other organizations, such as Health Insurance Counseling and Advocacy Program (HICAP), and health screening by Valley Health Care.

The SSC coordinates "Venture" trips throughout the Bay Area for seniors, as well as special social events and luncheons, and offers classes that are both free and fee based. The Center also produces a bi-monthly newsletter, "Prime Time."

SSC Strategic Plan

The Senior Services Center is in its final year of its Strategic Plan (for fiscal years 2004/2005 - 2008/2009). At its inception, a focus of the Plan was development of the SSC after its move to the Community Center. The Plan guides planning for future programs, services and staffing levels, and establishes goals in four planning areas: a) Programs and services, b) Outreach to seniors, c) Communication with a larger community, and d) Interaction at the Center.

Purpose and Goals

Two major purposes of the Strategic Plan are addressing and planning for the needs of the senior community as it changes and increases; and also increasing the SSC's effectiveness in seeking and procuring additional sources of support for the Center.

Specific goals of the Plan include:

- *Offering a variety of classes/programs to meet the diverse interests of the senior population;*
- *Developing/expanding partnerships with outside agencies to increase services at the Center;*
- *Developing a marketing and outreach plan to reach seniors throughout the community;*
- *Collaboration with and representation from all groups; and*
- *Developing an equitable system of facility use and a cooperative atmosphere.*

The majority of funding for the Senior Services Center comes from LARPD. Over the last three fiscal years, the SSC's operating budget has averaged approximately \$350,000, increasing to \$373,791 for the Fiscal Year 2013/14 budget. The cost to operate the SSC is supplemented by revenue from class and trip fees, fundraising, and grants. Revenue rate for the senior program has ranged from 53% to 59% over the past few fiscal years.

Recommended Actions

- Work with Alameda County and other public agencies to determine the needs of older adults in the Pleasanton area and initiate planning to take a more active role in programming and service needs for older adults.
- Address the needs of an aging population by expanding programming and encouraging participation in physical activity with an emphasis on the gentler aerobic activities.
- Within existing programming market to older adults with an emphasis on well balanced fitness programs including gentler aerobics such as yoga, Tai Chi, and Pilates that offer a variety of benefits for health and disease prevention.
- Identify partners or collaborators to assist in developing an increase in programs for older adults. Possible partners may include AARP, faith based organizations, health care providers, and educational institutions.
- Offer additional lifelong learning programs such as creative arts, technology classes, lectures, short courses, and leisure classes that cater to the adults and particularly the aging baby boomer cohort.
- In conjunction with local health providers evaluate potential roles for the Community Services Department in helping meet the needs of the growing population of 85+ seniors. As noted in the Human Service Needs Assessment, the number of women over the age of 85 has quadrupled between 1990 and 2010.
- Offer educational travel opportunities and cultural outings with an emphasis on "off the beaten path," scheduled to attract the working retiree.

- Provide more “inter-generational programming” to bring various age groups together to enjoy recreation events and activities.

Special Events

Currently LARPD provides facilities, limited staff support and miscellaneous services for a number of special and seasonal events in the community. The largest of these special events are the annual Livermore Rodeo, Fourth of July fireworks display at Robertson Park, and the annual Scottish Games. In Fiscal Year 2011/12, the District discontinued financial support for the Fourth of July event at Robertson Park. The Scottish Games have taken place during May for the last five years and have attracted approximately 1,500 visitors each day. Other seasonal events include the Rummage Sale, Breakfast with Santa, daddy/daughter Dance, Mom/Son Dance, Halloween Carnival, Children’s Fair, and Breakfast with Bunny.

Special events are a unique community service that generate revenue through facility rental, admission fees, and concessions and revenue to the community through increased business activities and tourism.

Recommended Actions

- The District should continue to play a minor role, although working in cooperation with the City of Livermore, to produce community-wide special events.

Support Functions

Support Functions needs relate to how programs and operations are implemented by the LARPD including the operation and/or development of facilities to support the delivery of the recreational programming and policies or procedures necessary for the delivery of the programming. These may relate to support services or facilities and how they may impact many of the programs.

Fiscal and Coordinated Planning

To minimize duplication and/ or competition the District should coordinate fiscal and coordinated planning with the City and School District and with other public and non-profit agencies to provide for the best use of public and private resources to meet recreation demands.

The partnership between the District and Livermore School District is a model for cooperation and joint utilization of public facilities for public benefits. Regardless, staff from both organizations should continue to meet and discuss changes required between agreements to meet the changing needs and demands of the community.

LARPD Foundation

The LARPD Foundation is a nonprofit “501c3” organization that works with and supports LARPD and other community organizations to develop interpretive, educational, environmental and recreation and community service programs for the community. The primary mission of the Foundation is to:

- To aid, sponsor, promote, advance and assist in the provision of public parks, recreation and community services in the Livermore Area.
- To cooperate with and support the Livermore Area Recreation and Park District and other community organizations in the development of interpretive, recreational, educational,

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environmental and community service programs throughout the park district for the benefit and enjoyment of people in the service area of the Livermore Area Recreation and Park District.

- To receive, invest and manage funds acquired through dues, donations, grants, gifts, bequests and solicitations in furtherance of the purposes and goals of the corporation and the Livermore Area Recreation and Park District.

Over the past few years the Foundation has become more active in support of the District. Efforts and achievements include:

- The Foundation joined the SaveMart SHARES program which provides 3% of qualified purchases to the Foundation and we have already raised over \$1,800.
- The Foundation has taken on a new role and now processes memorial donations.
- The Foundation created a policy for the Giving Tree to recognize donations to the Endowment Fund.
- To support the synthetic turf fields project at Robertson Park, the Foundation is selling custom, engraved bricks to benefit the project and the Endowment Fund.
- The Foundation financed \$20,000 for a new Robert Livermore Community Center sign located on East Avenue.

As a nonprofit, the Foundation could assist with obtaining grants on behalf of the District, in the event the District itself is not eligible.

Marketing

Marketing and communication of public information in both print and electronic media is essential to increase public awareness about programs and facilities to reach all ages, non-users and the underserved. While the District provides an excellent level of service in many areas, improvement can be gained in some aspects of marketing, branding, and facility rental falls.

Providing Services for a Growing and Ethnically Diverse Population that are Convenient and Equitably Distributed

Providing services to a growing and ethnically diverse population should be an emphasis of the City due to the changing demographics. Further, these services should be convenient, accessible, and equitably distributed to all residents in terms of recreation programs, support services, and facilities needed close to home and/or centrally located.

Providing services for a growing and ethnically diverse population will continue to challenge the District as the areas demographics continue to change and increase in diversity. While the City of Livermore is not as ethnically diverse as Alameda County, the white population of the city has decreased since 2000 while minority populations, especially Hispanic, have grown at a much faster rate than the population as a whole.

Volunteers in Action (VIA)

In a time of reduced tax funding opportunities and heavier reliance on alternative sources of funding, the use of volunteers is considered a valuable component of maintaining quality service levels. Volunteers are used in all aspects of LARPD's operations, from assisting with senior services and projects to special events and nature programs.

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Volunteer recruitment and training is a new challenge to community agencies as the volunteer pool diminishes because of working parents and aging WWII generation of steadfast, community volunteers. Offering meaningful volunteer opportunities to baby boomers and instilling volunteerism in youth will facilitate new volunteer support. Many agencies state-wide have initiated programs of Park Stewards who foster leadership and partial management of park sites in conjunction with city-staff. This program could be expanded to develop Play Stewards who would foster the same leadership qualities but within recreation programming.

Recommended Actions

- Develop multi-disciplinary health partnerships with schools, local hospitals, and health care providers, private health clubs, and other agencies to bring public information and educational programs that prevent obesity and successfully promote physical activity across entire communities.
- Conduct strategic planning for individual recreation and community service programs to anticipate future needs.
- Report on an on-going basis to the public and policy makers the health and wellness outcomes of the District's programs and facilities.
- Continue to meet on a regular and on-going basis to review and consider changing terms of the Joint Facility Use Agreement with Livermore Valley Joint Unified School District to improve and expand use of indoor and outdoor school and city facilities.
- Collaborate with Alameda County agencies and East Bay Regional Park District to maximize opportunities to share resources in providing outdoor recreation and health and wellness programs.
- Compare Fee Policies of other jurisdictions with the District's and establish an updated policy that supports established revenue generation goals for each program taking in consideration equity, cost recovery and consistency.
- Pursue additional public-private partnerships with fitness clubs, golf courses, dance studios or other private recreation providers to provide recreation programs.
- LARPD should conduct and report to governing bodies economic profile reports of major tournaments and swim meets held at city facilities.
- Expand public awareness of programs for persons with disabilities, and child and adult day care opportunities.
- Create challenging and meaningful volunteer opportunities for all age segments in the community. This could include:
 - Park Stewards who with city leadership and cooperation lead the volunteer maintenance and restoration work in a city park, bringing together the needed volunteers, materials, technical knowledge, and other resources necessary to provide maintenance and to make on-the-ground improvements a reality.
 - Play Stewards who with city leadership and cooperation lead the volunteer recreation programming work within park sites and or facilities, bringing together the needed materials, technical knowledge of play, and other resources necessary to provide additional play and recreational opportunities to the youth of the city.
 - Develop a Park and Play Steward training and certification program that includes aspects of park maintenance, play, city procedures, and etc.
 - Park and Play Stewards would be coordinated and lead by City Staff and operate consistent with City policies.
- Work cooperatively with local service clubs to recruit volunteers for special projects or events.

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- In cooperation with schools and youth groups e.g. Boy Scouts and Girl Scouts engage youth in the design of and completion of volunteer work.
- Complete a comprehensive marketing plan that gives consideration and identifies potential promotional strategies for each of the following:
 - Networking - go where your market is;
 - Direct marketing - sales letters, brochures, flyers;
 - Advertising - print media, directories;
 - Training programs - to increase awareness;
 - Write articles, give advice, become known as an expert;
 - Direct/personal selling;
 - Publicity/press releases;
 - Trade shows, health/wellness fairs and similar events;
 - Web site.
- Develop a Social Media marketing plan that includes web site improvements and increased online visibility based on establishing a brand for the Community Services Department through a variety of social media sites including:
 - Facebook;
 - Twitter;
 - Blogs;
 - Events sites;
 - Video sites.
- To help offset the costs of printing the Activities Guide consideration should be given to selling advertisement within each addition. A common approach is to sell the inside back cover to a single vendor with similar values to the Community Services Department.
- Explore marketing opportunities with the Chamber of Commerce and City of Livermore and with key stakeholder groups in the community, including religious organizations, the LVJUSD and Las Positas Community College, scouting groups, art and cultural groups, and major businesses in the area, such as the Lawrence Livermore and Sandia Labs.
- Consider target marketing based on customer's profile and data base information participation.
- Market recreation as essential to healthy lifestyles for all ages and educate consumers about disease prevention and wellness programs accessible to them.
- Utilize the CPRS VIP Principles in marketing programs e.g. sports and fitness programs promote health and wellness.

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