



Glen Helen Regional Park

Market Study
Master Plan 2024

RFP #PARKS23-PARKS-5015



Prepared for:
County of San Bernardino Recreational Park, C/O Beahta Davis
268 W Hospitality Land, 3rd Floor
San Bernardino, CA 92408

San Bernardino County
**REGIONAL
Parks**
1964 – 2024



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The revised Master Plan for Glen Helen Regional Park (GHRP) represents a visionary approach to transforming the park into a thriving recreational hub that balances ecological stewardship, community engagement, and regional growth. Located in San Bernardino County, California, Glen Helen Regional Park has long served as a vital green space within the Inland Empire, providing a range of recreational activities for both locals and visitors. Spanning over 1,300 acres and featuring amenities such as hiking trails, fishing lakes, a waterpark, and the historic Glen Helen Amphitheater, the park offers a blend of natural beauty and modern recreational facilities that cater to diverse community needs.

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Glen Helen Re-Imagined



Vision for Glen Helen Regional Park

The vision for Glen Helen Regional Park is to establish itself as a premier destination for outdoor enthusiasts, families, and tourists by embracing the area's natural beauty and offering top-tier activities for all. Its diverse landscape creates an ideal setting for exploration, recreation, adventure, and connection with nature. By enhancing the park with new, relevant amenities and upgrading existing ones, the facility will stimulate local business growth, creating new retail opportunities, jobs, and increased regional appeal. The park aims to provide a space where visitors can learn about the region's history, enjoy its amenities, and appreciate its natural beauty and wildlife, fostering a vital connection between the community and the sustainability of the environment.



CAMPING



HIKING



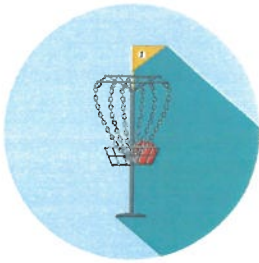
FISHING



BIKING



EQUESTRIAN



DISC GOLF



SWIMMING



WATER SLIDES



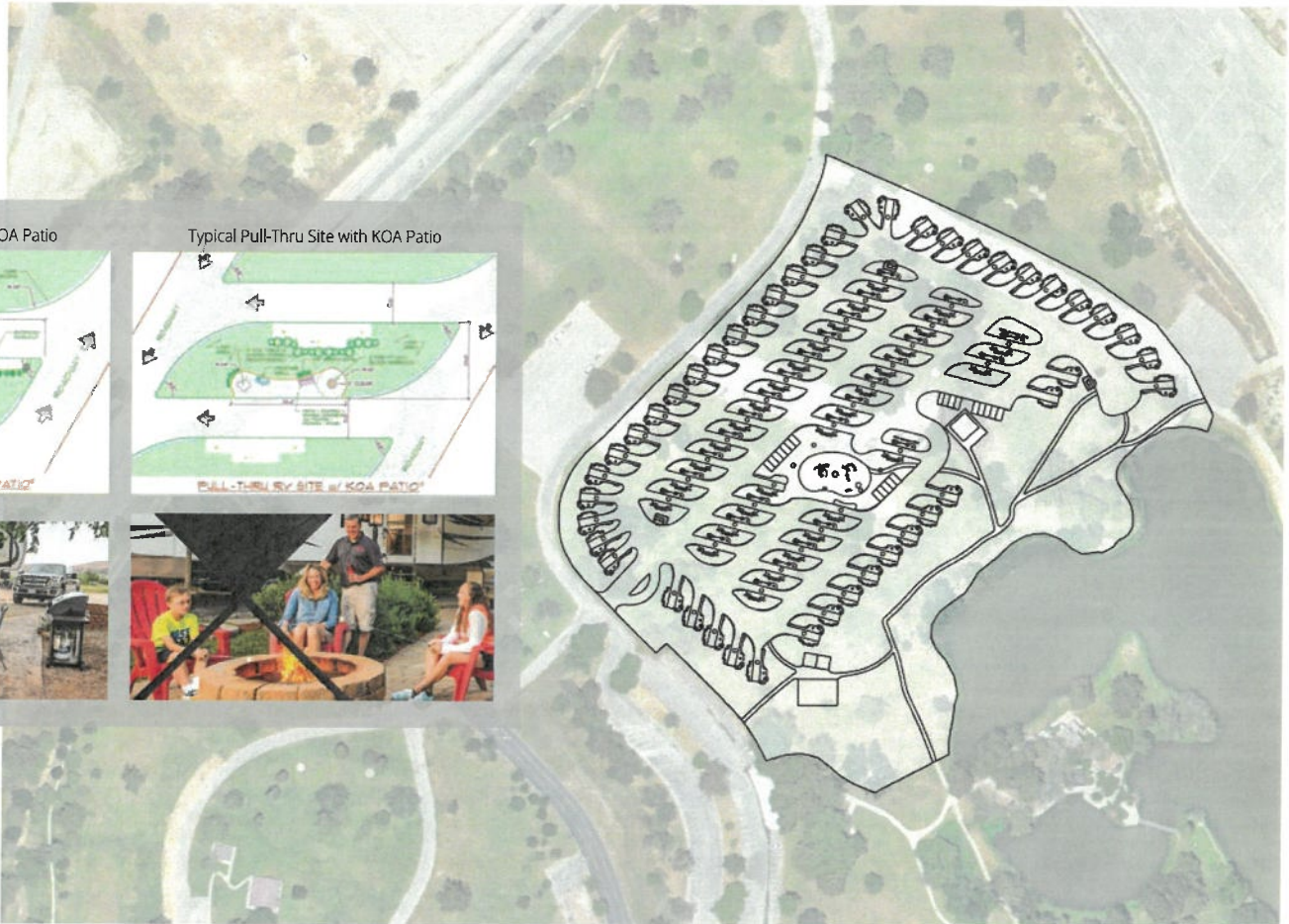
RACEWAY

Mission of San Bernardino County - Regional Parks

San Bernardino County Regional Parks is dedicated to providing County residents and visitors with opportunities to host and participate in innovative and diverse recreational and educational events, while protecting the County's natural, cultural, historical, and land resources. The Department continues to improve and ensure the availability and integrity of open space activities for all ages and communities.

Source: <https://parks.sbcounty.gov/wp-content/uploads/sites/34/2021/05/Glen-Helen-Community-Workshop-Presentation-052021.pdf>

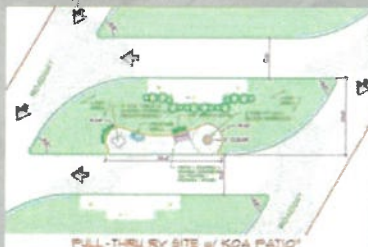
NEW CAMPING AREA



Typical Back-In Site with KOA Patio



Typical Pull-Thru Site with KOA Patio



- 78 enhanced camping sites with full hookups inside the park
- Additional restroom facilities within the camping area
- Relocate the existing play ground equipment for shared use between the Regional Park and the camping facilities

WATERPARK



LEGEND

- A. 60FT. PNEUMATIC WAVE POOL
- B. KID'S SLIDES 40011 SK-10
- C. FAMILY 5 RAFT RIDE COMPLEX WITH WALHALLA, CONSTRUCTOR 40011 SK-11
- D. 1-2 INNERTUBE COMPLEX WITH CONSTRICTOR, GIANT AQUATUBE, RATTLES 40011 SK-12
- E. HEADRUSH MAT RACER AND BODY SLIDE COMPLEX WITH FLATLINE LOOP, FREEFALL 40011 SK-13
- F. BODY SLIDE COMPLEX WITH POOL SIDER, AQUATUBE, PARALLEL PURSUIT, AQUALOOP, AQUADROP 40011 SK-14
- G. 14 FT WIDE LAZY RIVER
- H. AQUAPLAY 1050T COMPLEX WITH LIFELOOR SAFETY MAT
- I. WATERPLAY TOYS, SPLASH PAD WITH LIFELOOR SAFETY MAT
- J. DOUBLE FLOOR RIDER WITH LOUNGING
- K. ADVENTURE TRAIL 5 TOWERS
1. WATERPARK PARKING
2. WATERPARK DROP OFF
3. MAIN ENTRY, TICKETING, TURNSTILES, SALES, ADMINISTRATION OFFICES, SECURITY
4. HESHE WASHROOMS, CHANGING, LOCKERS
5. RESTAURANT 1, RETAILS, SOUVENIRS
6. FOOD & BEVERAGES, DINING
7. OUT OF PARK RETAILS
8. VIP, ATM
9. WATERPARK MAIN PLAZA
10. MAIN CIRCULATION
11. FIRST AID, STAFF
12. RESTAURANT 2, OUTDOOR DINING PLAZA
13. SATELLITE FOOD AND BEVERAGES, GROUP EVENT RENTALS
14. KID'S PIZZA, ICE CREAM, JUICE BAR, F&B
15. SATELLITE WASHROOM, FAMILY ROOM
16. SWIM UP BAR, OUTDOOR DINING, RELAXATION
17. RENTABLE CABANAS
18. PERFORMANCE STAGE, CEREMONIAL, SHOW
19. GROUP CABANAS RENTAL, TEAM BUILDING
20. EXISTING STRUCTURE TO REMAIN
21. EXISTING SLIDE COMPLEX TO REMAIN
22. SPECTATORS, ATTENDANT SHADE
23. ACTIVITY POOL, HOOPS, LILYPADS, OTHERS
24. RIVER ZERO BEACH WITH TUBE STORAGE, LOUNGING
25. FEATURE WALKWAY, TRELLIS, LED MOVIE GIANT SCREEN
26. B.O.H.
27. FEATURE LANDSCAPE BY: LANDSCAPE ARCHITECT
28. EXISTING STRUCTURE TO REMAIN
29. EXISTING PARK WALKWAYS TO REMAIN
30. ROADWAY ACCESS TO WATERPARK



40011-1 GLEN HELEN REGIONAL PARK, CA, USA

DESIGNED | DRAWN BY: GAYLORD DC

MODEL 1 | PAGE 1 OF 1 | AREA: 9.287 ACRES | V1 | 04/18/2024

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- New standing surf attraction
- 2 new 6 person raft ride
- New thrill tower
- 3 New single person raft ride
- Upgrade food, shade, and restroom facilities
- Day Camp

- Increase the park capacity to 1500 to 2000 guest
- New lazyriver
- New wavepool
- All Ages



ADVENTURE COURSE



- 3-story adventure tower
- Multiple confidence and obstacle courses
- Full safety harness system
- Courses for different age groups and confidence levels
- Ages 5 and up



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EQUESTRIAN CENTER



EXISTING EVENTS

- Expansion and enhancement of center
- Large storage area
 - Request for large permanent storage area with multi-use capabilities
- Stadium seating - Permanent stands for the Rodeo
- Permanent restrooms
- Snack bar
- All ages



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Preface

The revised Master Plan for Glen Helen Regional Park (GHRP) represents a visionary approach to transforming the park into a thriving recreational hub that balances ecological stewardship, community engagement, and regional growth. Located in San Bernardino County, California, Glen Helen Regional Park has long served as a vital green space within the Inland Empire, providing a range of recreational activities for both locals and visitors. Spanning over 1,300 acres and featuring amenities such as hiking trails, fishing lakes, a waterpark, and the historic Glen Helen Amphitheater, the park offers a blend of natural beauty and modern recreational facilities that cater to diverse community needs.

As the Inland Empire anticipates significant population growth, with projections estimating a 20% increase over the next 25 years, it is essential to expand and improve recreational facilities in the region to meet the needs of the growing population. The GHRP Master Plan has been carefully crafted in response to these demographic changes and the accompanying increase in demand for accessible, high-quality recreational spaces. This plan positions Glen Helen as a destination for both regional visitors and locals, ensuring the park's relevance in a rapidly developing area.

Through community outreach, including surveys and public meetings, the Master Plan was developed with direct input from the residents of San Bernardino County. The goals outlined reflect the desires of the community for improvements in accessibility, inclusivity, and quality of life. Feedback from over 500 respondents emphasized the importance of enhancing amenities like camping facilities, adventure courses, and water-based recreation options. This collaborative approach has allowed the park's planners to incorporate the community's vision into the final design, ensuring that Glen Helen Regional Park meets the expectations of its diverse user base.

The new plan aims to revitalize existing facilities and introduce innovative amenities such as a family-friendly adventure park, an expanded waterpark, an enhanced equestrian facility, and upgraded camping areas with full-service sites. The Adventure Park will include a zipline, obstacle courses, and a multi-story adventure tower, catering to families, youth groups, and corporate team-building events. Meanwhile, the waterpark, designed for all ages, will feature a wave pool, lazy river, thrill slides, and splash zones. These attractions are expected to make Glen Helen Regional Park one of the most diverse recreational spaces in the region.

In addition to expanding recreational offerings, the Master Plan emphasizes the importance of environmental stewardship. Sustainable practices are at the forefront of the park's redevelopment strategy, with initiatives to protect native habitats, integrate green infrastructure, and reduce the park's overall environmental footprint. These efforts include water-efficient landscaping, renewable energy installations, and waste reduction programs. By fostering an ecologically responsible approach, the Master Plan ensures that Glen Helen Regional Park remains a sustainable and enriching space for future generations.

Financial viability and long-term sustainability are central to the revised Master Plan. The park's enhanced facilities and expanded amenities are expected to attract a broader audience, driving revenue generation and ensuring the park's financial health. Strategic partnerships with local businesses, tourism boards, and community organizations will further support the park's economic goals, contributing to local job creation and boosting the region's tourism sector.

The revised Glen Helen Regional Park Master Plan is not just an update to a park; it is a forward-thinking strategy that considers the social, environmental, and economic dimensions necessary to serve a rapidly growing population. With a commitment to inclusivity, accessibility, and sustainability, Glen Helen Regional Park is set to become a cornerstone of the Inland Empire's recreational landscape, enhancing the quality of life for the community while preserving the natural beauty that makes it a cherished destination.

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Consultants

Bergman Development Services	Bergman Development Services David Bergman David@bergmanKPRS.com TEL 714.924.7000
Highest and Best Use Analysis	H&LA (Hotel and Leisure Advisors) David Sangree, President, MAI, CPA, ISHC Dsangree@hlaadvisors.com TEL 216.810.5800
Traffic	LSA Ken Wilhelm, Principal, LSA Ken.Wilhelm@lsa.net TEL 949.553.0666
Biological Resource Assessment	LSA Leo Simone, Associate, Biologist, ISA Cert Leo.Simone@lsa.net TEL 949.553.0666
ALTA/NPSP	RASmith Reid Kunishige, Project Manager Reid.Kunishige@raSmith.com TEL 949.242.8042

Section A
Executive Summary

Section A

Executive Summary

The updated Glen Helen Master Plan establishes long-term objectives for the park, focusing on delivering a diverse and exceptional visitor experience while ensuring the integrity of the park and long-term sustainability. By leveraging existing amenities and incorporating proposed enhancements, the plan balances providing an outstanding public recreation facility with natural resource stewardship. Aligned with the vision of creating an eco-friendly, well-maintained, and self-sustaining park system, Glen Helen Regional Park will offer innovative amenities and community programs.

These developments coincide with significant regional growth. According to recent projections from the California Department of Finance, the Inland Empire's population is expected to grow more than 20% over the next 25 years, reaching nearly 5.7 million residents.¹ This rapid growth, double that of the rest of Southern California, will drive increased demand for goods, services, and recreational activities in San Bernardino and surrounding counties. In response, Glen Helen Regional Park's strategic improvements and collaborations with other agencies and community partners will ensure Glen Helen Regional Park remains a vital hub for recreation and leisure. Enhanced facilities, a robust marketing campaign, and a premier work environment will further improve the well-being of park users, meeting the needs of the expanding population.

Area – Park Location

Glen Helen Regional Park, a ±1,300-acre facility operated by the San Bernardino County Regional Parks Department, offers a myriad of experiences for visitors. Located in the Inland Empire, approximately 12 miles northwest of downtown San Bernardino, 20 miles north of Riverside, and 55 miles east of Los Angeles. Conveniently positioned near the junction of Interstate 15 and Interstate 215, two major travel arteries through the Inland Empire, the park is surrounded by residential neighborhoods, industrial business parks, mountains, and open land.

Current Inventories

Glen Helen Regional Park offers a range of attractions, including an RV park, swim complex, fishing lakes, disc golf course, group shelters, play structures, and various trails for walking, hiking, and biking. Additionally, the park features the 65,000-seat Glen Helen Amphitheater, Glen Helen Raceway, and hosts the annual Sheriff's Rodeo, all under separate concession or lease agreements.

Recreational Services Overview

- **RV Park and Campground:** 46 sites, 20 with full services, and primitive non-hookup sites with limited amenities.
- **Swim Complex:** Recently enhanced with a zero-depth entry pool, triple water slides, and a splash pad, open Memorial Day to Labor Day.

¹ H&LA, Highest & Best Use Analysis for the Glen Helen Regional Park, B-14

- **Fishing Lakes:** Two lakes offer year-round stocked fishing, with a daily permit available for \$10: Monday – Wednesday; and \$12: Thursday – Sunday, excluding Holidays and special events.
- **Disc Golf:** 18-hole course, complimentary upon paid park entry.
- **Picnic Shelters:** Three group shelters and various picnic areas, available for rent based on event size.
- **Glen Helen Amphitheater:** A 65,000-seat concert venue operated by Live Nation under a lease agreement.
- **Glen Helen Raceway:** A 256-acre facility adjacent to the park with its own amenities, operated under a separate lease.
- **Sheriff's Rodeo:** Annual PRCA event with an equestrian facility leased by the Seven Points.

Attendance and Revenue Analysis

Analysis of attendance and per-attendee revenue data from San Bernardino County Regional Parks reveals trends in park visitation and revenue from parking, fishing permits, and swimming fees. Over recent years, attendance has fluctuated:²

- **Park Entrance:** From 2020 to 2023, paid park entrance ranged from 14,896 to 23,089 visitors, with a 55% increase in 2021 and a 14.7% decline in 2023 as people returned to work after covid.
- **Fishing Permits:** Fishing attendance saw an 86.7% increase in 2021 but a 25.7% decline in 2023 as people returned to work after covid.
- **Swimming:** Swimming attendance dropped 57.4% in 2021 but recovered with a 43.9% increase in 2023.

Environmental Inventory

Glen Helen Regional Park encompasses diverse ecosystems, including woodlands, riparian zones, and open grasslands. These areas support native wildlife, provide recreational opportunities, and serve as essential green spaces in the urban landscape. The park contributes to pollution reduction, carbon sequestration, and flood control, benefiting both the environment and the surrounding community.

Land Constraints/Restrictions

Active lease agreements with entities such as Live Nation (Amphitheater), Glen Helen Raceway Park, Inc., and the San Bernardino County Sheriff's PRCA Rodeo may limit immediate redevelopment opportunities for those sites. Additionally, state and federal environmental laws could impose further restrictions on proposed improvements.

Community Feedback and Survey Findings: With input from San Bernardino County Regional Parks and Bergman Development Services, Hotel & Leisure Advisors conducted an online survey

² H&LA, Highest & Best Use Analysis for the Glen Helen Regional Park, A-2

via SurveyMonkey, gathering insights from 503 respondents. The survey, which had a 79% completion rate, revealed key preferences:

- **54.7%** of respondents expressed high or very high interest in an enhanced aquatics area.
- **80.6%** indicated that improvements to the campground would make them more likely to visit, with **12%** visiting a new campground monthly, **61%** every few months, and **21%** at least once a year.
- An **Adventure Park** was highly favored, with **77%** supporting ziplines and **73%** interested in food and beverage outlets.
- Approximately **50%** of respondents were interested in a new equestrian facility. Of those interested, riding trails (**40.7%**) and riding lessons (**39.1%**) were the most popular improvements.
- For the amphitheater, improvements needed include better parking, additional restrooms, and improved event access.

Park Improvements & Proposed Developments

The revised Master Plan outlines significant future developments, along with enhancements to existing amenities, aimed at attracting a diverse range of visitors and ensure long-term sustainability for the park. These proposed developments include:

- An upgraded **RV Park and Campground**
- A family-friendly **Adventure Park**
- A destination **Water Park** with a standing surf feature, lazy river, and wave pool
- An enhanced **Equestrian Facility**

Moreover, the Inland Empire region is poised for significant growth, with population projections indicating a 20% increase over the next 25 years. This will drive heightened demand for recreation and leisure activities, positioning Glen Helen Regional Park as a key destination. Other regional developments contributing to this growth include:

- The planned **Ontario Regional Sports Complex**, expected to attract youth tournaments and thousands of visitors annually.
- The opening of **Topgolf** in Ontario in 2022, enhancing the area's appeal with its entertainment offerings.
- The **Brightline West high-speed rail** project, which will reduce travel time between Southern California and Las Vegas, promoting increased tourism.
- **Los Angeles' preparation for the 2028 Summer Olympics**, which will bring further infrastructure and hospitality investments benefiting the entire region.

These proposed developments will drive increased demand for recreation, making Glen Helen Regional Park and its proposed redeveloped and proposed amenities a key destination for the growing visitor population.

Section B

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Section B

Written Goals & Objectives

Section B.1 Community Engagement and Accessibility

Addressing Diverse Community Needs and Preferences

The updated Master Plan for Glen Helen Regional Park welcomes the ability to adapt to the evolving demographics and recreational interests in the region. This includes tailoring amenities to reflect the changing cultural and recreational preferences of a diverse community. According to the Highest & Best Use Analysis conducted by Hotel & Leisure Advisors (HLA) (Report dated March 22, 2024), the park's service area is seeing demographic shifts, particularly with increased diversity in age, ethnicity, and family structure. Within a 60-minute drivetime to the park, there will be over 7.2 million residents by 2028³, and the median income is expected to grow a healthy 15.5%.⁴ For the Glen Helen Master Plan update to effectively address this, it is essential to continuously assess and understand the needs of different age groups, family structures, and cultural backgrounds within the community. Incorporating new programs and activities that resonate with these evolving preferences, such as culturally relevant events, family-oriented programs, and youth engagement activities, will ensure the park remains a beloved destination for the entire community.

To increase visibility with the ever-evolving community needs, the Master Plan revisions call for the following strategic and thoughtful strategies, not only for the park, as a whole, but highlighting each provided amenity, as well. An effective means to do so would include using outlets of social media, local news, and travel networks, incorporating the following methods:

- a) **Targeted Campaigns:** Use social media platforms (Facebook, Instagram, Twitter, etc.) to create campaigns tailored to different demographic groups, including youth, families, seniors, and culturally diverse communities. Highlight programs, events, and amenities that appeal to their specific interests (e.g., family picnics, fitness programs, cultural festivals).
- b) **Multilingual Content:** Post content in multiple languages to reach non-English-speaking communities. This could include event announcements, informational posts, and educational materials that resonate with the park's diverse audience.
- c) **Interactive Content:** Utilize polls, surveys, and Q&A sessions on platforms like Instagram Stories or Facebook to gather real-time feedback from different groups on their preferences, improving programming to match changing trends.

Section B.2 Increasing Accessibility and Engagement with the Community:

By fostering a sense of ownership and pride in the park, Glen Helen Regional Park can increase accessibility and community engagement. This can be achieved through community-driven initiatives that invite residents to participate in the park's development and upkeep. Hosting community events, promoting volunteer opportunities, and creating spaces for public input will strengthen the connection between the park and its users. Additionally, ensuring that facilities are

³ H&LA, March 22, 2024, Population Growth Trends, B-3

⁴ H&LA, March 22, 2024, Median Household Income Estimates, B-11

physically accessible to all, including those with disabilities, and offering a broad range of affordable or free recreational activities will promote inclusive participation across different demographic groups.

In order to successfully reach the local Inland Empire community, as well as all possible visitors to the area and to the Park, strategic marketing efforts should include:

- a) **Regular Updates:** Keep the community informed of park events, developments, and improvements with regular posts. Using visuals like event flyers, photos, and video walkthroughs of new amenities encourages engagement.
- b) **Inclusive Marketing:** Ensure marketing campaigns promote a wide range of accessible programs, including family-friendly and ADA-compliant activities. Clearly outline how the park caters to those with disabilities, such as wheelchair-accessible trails or sensory-friendly programs.
- c) **User-Generated Content:** Encourage visitors to share their experiences at the park by using specific hashtags or tagging the park's official page. This creates a sense of community ownership and involvement while providing authentic content for the park to share.
- d) **Live Events and Virtual Tours:** Host live events on social media platforms, such as virtual tours of the park, behind-the-scenes looks at new developments, or live Q&A sessions with park management. This helps engage people who may not be able to visit physically and fosters a stronger connection to the park.

Section B.3 Ensuring Transparency and Active Communication with Stakeholders:

Transparency and active communication with stakeholders are essential to maintaining trust and collaboration. Glen Helen Regional Park's management should regularly engage stakeholders—residents, local businesses, community organizations, and environmental advocates—through open forums, public meetings, and clear, accessible updates on park development and improvements. Using digital platforms and local media to keep the public informed on upcoming projects, funding allocations, and ongoing environmental stewardship efforts will help ensure the Park's goals align with the community's values and expectations.

These strategies will collectively ensure that the park not only meets the diverse needs of its community but also fosters a sense of shared responsibility and pride in its long-term success and should include the following methods:

- a) **Transparent Communication:** Use social media to post transparent, regular updates on park developments, financial allocations, environmental conservation efforts, and any ongoing improvements. Clear communication builds trust with both visitors and stakeholders.
- b) **Stakeholder Engagement:** Host virtual town halls or stakeholder forums through live streams or webinars, allowing the community and partners to ask questions and offer input on park plans and developments. Posting the recorded sessions on social media platforms afterward ensures broad access.

- c) **Community Feedback:** Actively seek feedback from followers by regularly conducting polls or posting questions about what the community would like to see improved or added to the park. This two-way communication strengthens the park's bond with its audience and provides valuable insights for future planning.
- d) **Crisis Communication:** In the case of emergencies, closures, or unexpected events, social media allows for immediate and transparent communication, keeping stakeholders informed and minimizing confusion.

By using social media and targeted marketing, Glen Helen Regional Park can meet the diverse needs of the growing local community, improve engagement with its redeveloped amenities, and build trust through clear communication with all stakeholders.

Section B.4 Outreach and Visitor Expansion

The Glen Helen Regional Park's revised Master Plan and redevelopment promises an exciting transformation that meets community needs and boosts its appeal as a go-to spot for recreation, adventure, and entertainment. With the planned significant improvements, including an enhanced waterpark, an innovative adventure park, expanded campground facilities, and a redeveloped equestrian center, the park is set to become a premier destination for the local community, as well as out of area travelers and vacationers. These amenity improvements are poised to increase both visitor satisfaction and attendance. As indicated in the H&LA Community Survey, key findings show that 54.7% expressed high interest in an upgraded aquatics area⁵ and 80.6% of respondents would be more likely to visit the Park with an improved campground.⁶ These figures underscore the local community's strong demand for such new amenities, which would boost regional and traveling visitors, as well as increase community engagement with the park.

In tandem with these developments, the Glen Helen Regional Park will be capitalizing on the growth trajectory of the Inland Empire, where population growth is expected to exceed 20% over the next 25 years⁷. As the population expands, so does the demand for accessible, high-quality recreational spaces. The Glen Helen Regional Park's strategic location, just miles from major urban centers and transportation corridors, positions it perfectly to serve this growing demographic, while enhancing the local economy through increased visitation, event hosting, and related business opportunities.

With the new and enhanced amenities planned for development, including a family-friendly adventure park with zip lines and ropes courses, a destination waterpark with wave pools and lazy rivers, and an enhanced equestrian facility, Glen Helen Regional Park is set to offer one of the most diverse recreational portfolios in the region. This will attract varied visitor groups, from families seeking a day out to outdoor enthusiasts drawn by the park's scenic landscapes and adventurous amenities. These upgrades will not only fulfill current demands, but will be beneficial in anticipating the future recreational needs of the region, making Glen Helen Regional Park an essential, vibrant part of Southern California's leisure and recreational landscape.

⁵ H&LA, March 22, 2024, SurveyMonkey Summary, B-43

⁶ H&LA, March 22, 2024, SurveyMonkey Summary, B-43

⁷ H&LA, March 22, 2024, Area Analysis, B-14

To create a dynamic approach to position the Park as a top recreational destination and drawing in visitors from across the region, state, and abroad, a comprehensive outreach goal should include the following:

- a) **Targeted Digital Ads and Geo-Targeting:** Running digital ads on Google, Facebook, and Instagram with specific geo-targeting can attract visitors from nearby cities like Riverside, Los Angeles, and Ontario. Ads can highlight unique park features like the family adventure park or destination water park, targeting individuals searching for day trips, family activities, or outdoor adventures within the Inland Empire area.
- b) **Community Partnerships and Local Media:** Partnering with local tourism boards, visitor bureaus, and nearby businesses such as hotels and restaurants can help position Glen Helen as a key destination. The park could work with local news stations, radio, and newspapers to reach broader audiences and generate excitement through feature stories, interviews, and press releases that outline the park's upcoming transformations.
- c) **Seasonal Promotions and Package Deals:** Promoting seasonal events, like a summer launch of the water park or a spring adventure park opening, can create strong interest at key times of the year. Special package deals, such as family passes, group rates, or local resident discounts, would make these experiences more accessible and attractive to a range of visitors. Highlighting these promotions through both digital ads and traditional media will ensure a wide reach.
- d) **On-Site Events and Community Days:** Hosting "Community Preview Days" for local residents and businesses to experience the park's upgrades ahead of the official opening can generate goodwill and word-of-mouth advertising. These events could include guided tours of the new amenities, live music, or special activities for families, all documented on social media to amplify the excitement.

Through these combined social media and general marketing efforts, Glen Helen Regional Park can build a strong sense of anticipation, attract a diverse audience, and establish itself as a premier recreation destination within the region.

Section B.5 Preservation and Environmental Sustainability

Glen Helen Regional Park is committed to preserving its natural landscapes and supporting biodiversity through a variety of conservation efforts. A primary goal of the park's redevelopment is to assess and mitigate environmental impacts, ensuring that the park's ecosystems remain healthy and resilient. By preserving native habitats, including woodland areas, riparian zones, and grasslands, Glen Helen Regional Park provides essential support for local wildlife while contributing to climate resilience. Ongoing ecological assessments will help park staff monitor the health of these natural areas and guide sustainable growth, creating a balance between visitor enjoyment and habitat preservation.

To further its environmental goals, Glen Helen Regional Park will integrate green infrastructure and sustainable practices throughout the park where possible. Planned improvements, in concert with the enhancement of existing amenities and features, as well as the development of new amenities, include water-saving irrigation systems, energy-efficient lighting, and enhanced waste management to reduce environmental footprints. The park also aims to incorporate sustainable

building materials and implement renewable energy sources wherever feasible. By adopting these practices, Glen Helen Regional Park will serve as a model for environmentally conscious recreational spaces, fostering both ecological health and community enjoyment for generations to come.

To effectively execute preservation and environmental sustainability efforts, Glen Helen Regional Park could establish the following goals:

- a) **Regular Ecological Assessments and Monitoring:** Maintain healthy ecosystems and biodiversity within the park by conducting regular environmental impact assessments to monitor wildlife health, water quality, and plant diversity. Use this data to inform decisions on habitat restoration, trail management, and visitor impact limits, helping to prevent overuse of sensitive areas.
- b) **Preservation of Native Habitats:** Protect woodland, riparian, and grassland habitats to support local flora and fauna by developing designated conservation areas where access is limited, particularly near water bodies and grasslands. This may include restoring native vegetation, installing informative signage for visitors, and partnering with local conservation groups for habitat restoration projects.
- c) **Green Infrastructure Integration:** Reduce the environmental footprint of park operations by implementing sustainable landscaping practices, such as drip irrigation and xeriscaping using drought-resistant plants. This approach conserves resources and reduces water consumption. Additionally, green infrastructure like permeable walkways should be integrated to improve stormwater management and minimize soil erosion and water runoff.
- d) **Renewable Energy Adoption:** Minimize energy use and reliance on non-renewable resources by installing solar panels on buildings, shade structures, and parking areas, along with solar lighting for pathways and signage. Transitioning to electric park vehicles will further reduce emissions and model sustainable transportation.
- e) **Sustainable Facility Upgrades:** Ensure that all park facilities align with sustainability principles by using eco-friendly building materials, such as recycled or locally sourced options, for any new construction or renovations. Upgrade existing facilities with energy-efficient systems, including LED lighting and low-flow water fixtures in restrooms, to reduce water waste.
- f) **Visitor Education on Conservation Efforts:** Increase awareness of the park's ecological importance and conservation efforts among visitors by creating educational programs and signage that inform them about local ecosystems, wildlife, and sustainable practices. Interactive exhibits or guided nature walks can enhance understanding and encourage eco-friendly behaviors during their visit.
- g) **Waste Reduction and Recycling Programs:** Reduce landfill waste and promote recycling throughout the park by setting up well-marked recycling stations at high-traffic locations and encouraging visitors to minimize waste. Implement a composting program for organic waste generated by park events or food vendors, and consider a "pack-in, pack-out" policy in more remote areas to further reduce litter.
- h) **Partnering with Environmental Organizations:** Strengthen the park's commitment to long-term conservation by collaborating with local environmental and wildlife organizations for ongoing support, research, and volunteer initiatives. These partnerships can help with habitat restoration projects, educational events, and conservation funding.

By setting these goals and following actionable steps, Glen Helen Regional Park can lead by example in environmental stewardship, demonstrating its commitment to sustainability and inspiring visitors to appreciate and protect natural spaces.

Section B.6 Infrastructure and Design Planning

Glen Helen Regional Park is committed to enhancing the visitor experience through thoughtful planning. As the local community grows, it becomes increasingly important for the park to align its offerings with the diverse needs of all visitors. To achieve this, a clear plan with goals and objectives must be established. These goals focus on improving access and flow, developing a multi-use trail system, modernizing public facilities, and bringing new and exciting experiences throughout the park. By addressing these key areas, Glen Helen Regional Park aims to create an inviting, safe, and enjoyable environment for everyone today and into the future.

- a) **Upgrade the existing infrastructure:** Identify systems needing to be upgraded to meet the realignment of Glen Helen Regional Park and supporting existing concessionaires and new ones.
- b) **Improve Visitor Access and Flow:** Upgrade entryways, revitalize the parking areas, and optimize transportation routes within the park to create a seamless experience for visitors from the moment they arrive.
- c) **Identify areas of opportunity:** Identify what the community is requesting from Glen Helen Regional Park and identify areas within the facility that are underutilized and can be repurposed.
- d) **Planning for the future:** Develop a series of achievable infrastructure upgrades that will support the park in its proposed form and areas of future development.

By implementing these targeted goals, Glen Helen Regional Park can significantly elevate the visitor experience and strengthen its role within the community. As the park moves forward with these initiatives, Glen Helen Regional Park can ensure that infrastructure and design planning not only meets current needs but also supports a sustainable, enjoyable environment for future generations.

Section B.7 Financial Feasibility and Revenue Generation

The overall objectives of Glen Helen Regional Park's Master Plan and redevelopment are centered around creating a financially sustainable, high-quality recreational destination that meets community needs, enhances visitor experience, and supports long-term environmental stewardship. Here are the primary objectives:

- a) **Maximize Revenue Generation and Financial Sustainability:** By strategically investing in high-demand attractions like the waterpark, adventure park, enhanced equestrian center, and upgraded camping facilities, the park aims to achieve a stable annual revenue that can support ongoing maintenance and future enhancements. This financial growth will be driven by attracting a diverse audience and increasing annual visitation.
- b) **Enhance Visitor Experience and Increase Attendance:** The enhancements and development of the park's amenities focus on delivering top-quality experiences that appeal to families, adventure seekers, and outdoor enthusiasts. Facilities like the waterpark, adventure park, and upgraded equestrian center are designed to offer unique attractions that set the park apart in the region, leading to increased attendance and greater visitor satisfaction.

- c) **Promote Environmental Sustainability and Resource Conservation:** Through the integration of green infrastructure and sustainable practices, the park aims to reduce its environmental impact and preserve natural habitats. By focusing on eco-friendly upgrades, Glen Helen Regional Park can serve as a model of sustainability within the region and protect its landscapes for future generations.
- d) **Foster Community Engagement and Local Economic Growth:** The redevelopment plan includes partnerships with local businesses, tourism boards, and community organizations to foster economic growth within the region. By attracting non-local visitors and hosting diverse events, the park will stimulate local businesses and create economic opportunities.
- e) **Create a Comprehensive Recreational Hub:** With the addition of a multi-use trail system, family-friendly activities, and year-round facilities, the park will become a central recreational hub for residents and tourists alike. This goal includes ensuring accessibility for all visitor demographics and offering programming that meets diverse recreational interests.

These objectives collectively support Glen Helen Regional Park's vision to be a financially self-sustaining, vibrant, and eco-conscious destination that enhances the quality of life for the community and attracts visitors from across the region.

Section B.8 Economic and Social Impact

Glen Helen Regional Park's redevelopment is designed to have a positive economic and social impact on the surrounding community, enhancing both local prosperity and social cohesion. By upgrading facilities and adding diverse attractions, the park aims to attract a wider visitor base, increasing local tourism and demand for nearby services such as restaurants, hotels, and retail stores. This influx of visitors supports local businesses, drives job creation, and generates tax revenue, contributing to regional economic growth. The park's community-focused initiatives, like accessible recreational programs and special events, will foster a sense of pride and connection among residents, solidifying the park as a community and regional hub.

To establish detailed goals and objectives for the economic and social impact of the Revised Master Plan for Glen Helen Regional Park, we can build on the findings from the H&LA and LSA reports, as well as historical park data. With that, here are some proposed goals and objectives:

Economic Goals

- a) **Increase Local Tourism:**
 - i. **Objective:** Achieve a 20% increase in annual visitors to Glen Helen Regional Park within five years of the revised master plan's implementation by enhancing marketing efforts and developing the planned new attractions, such as an enhanced waterpark and adventure park.
- b) **Support Local Businesses:**
 - i. **Objective:** Partner with local businesses to create promotional packages that encourage visitors to utilize nearby services (restaurants, hotels, and retail) and report a 15% increase in business patronage from park visitors within three years.
- c) **Job Creation:**

- i. **Objective:** Generate at least 150 new jobs within the park and associated businesses by 2028 through the development of new attractions and facilities.
- d) **Revenue Growth:**
 - i. **Objective:** Increase park-generated revenue by 30% over the next five years through enhanced admission fees, new service offerings, and improved visitor engagement strategies.

Social Goals

- a) **Enhance Community Engagement:**
 - i. **Objective:** Implement quarterly community forums and feedback sessions to gather input on park programming, leading to at least three new community-driven events or programs each year.
- b) **Inclusive Recreational Programs:**
 - i. **Objective:** Develop a range of accessible recreational programs that cater to diverse demographics, aiming for a participation rate of at least 20% of local residents in these programs within two years.
- c) **Strengthen Social Cohesion:**
 - i. **Objective:** Launch initiatives focused on family-friendly activities and cultural events that attract diverse groups, with the goal of hosting at least four multicultural events annually.

Monitoring and Evaluation

Regular assessments should be scheduled to evaluate the success of each goal and objective, using visitor surveys, economic impact studies, and community feedback to adapt the master plan as necessary to meet the evolving needs.

With these goals in focus, Glen Helen Regional Park can effectively enhance its economic and social impact on the surrounding community, making it a vital resource for both visitors and residents and ensuring the park remains a valuable resource for all.

Section B.9 Long-Term Vision and Sustainability

The updated Master Plan for Glen Helen Regional Park integrates forward-thinking strategies that anticipate emerging trends in recreation, technology, and environmental management. The park will invest in sustainable, energy-efficient infrastructure to reduce operational costs and environmental impact. Additionally, as recreation trends shift, the park will introduce adaptable amenities that can evolve with community preferences. This adaptability ensures the park's enduring relevance and functionality for generations to come.

The park's commitment to environmental sustainability also includes active stewardship of its natural resources, aligning with regional climate resilience goals. By incorporating energy efficient infrastructure and sustainable practices, such as water conservation and native landscaping, Glen Helen Regional Park aims to preserve its ecosystems while offering enriching nature experiences for visitors. These initiatives not only support the park's long-term viability, but also reinforce its role as an example of sustainable recreation within the region.

Section C

Glen Helen Master Plan - Existing Facility Inventory

Section C.1 Existing Facility Overview

Section C.2 Fishing

Section C.3 Disk Golf

Section C.4 Swimming Area

Section C.5 Existing Structures

Section C.6 Campground- Existing

Section C.7 Miscellaneous Areas

Section C.8 Hiking and Biking Trails

Section C.9 Parking Areas

Section C.9.1 Day to day operations

Section C.9.2 Special event parking

Section C.10 Leased Areas (Concessionaire)

Section C.10.1 San Bernardino Sheriff's Rodeo

Section C.10.2 Glen Helen Amphitheater

Section C.10.3 Glen Helen Raceway

Section C.11 Utilities

Section C.11.1 Water Capacity

Section C.11.2 Sewer Capacity

Section C.11.3 Power

Section C

Glen Helen Master Plan - Existing Facility Inventory

Glen Helen Regional Park is an operating facility with an annual visitor count of approximately 20,000 people per year. The current facilities offered at the park will need to be kept in operation while each phase of this plan is carried out to minimize any displacement of the guest experience. The following is a brief description of the existing facilities offered within the park.

Section C.1 Existing Facility Overview

Vital Statistics

- a) Owned by the County of San Bernardino
- b) Established in 1856 and designated in 1957
- c) Approximately 1,340 acres
- d) Existing building and structures with leased areas
- e) Average Annual attendance: 19,100 guest per year
- f) Onsite parking approximately 620+/- spaces
- g) Adjacent parking fields
 - a. Southern lot approximately 910+/- spaces
 - b. Western lot approximately 270+/- spaces
- h) Year-round operations- Closed Christmas Day



Figure 1 Over all view of Glen Helen Region Park

Section C.2 Fishing

The two on-site fishing lakes have been favorites of anglers and novices alike for years. The lakes are currently stocked for use at an additional charge for a day fishing permit. The stocking of fish is promoted on the San Bernardino County and the Glen Helen Regional Park websites and available on local fishing reports.

- a) Average annual fishing attendance: 15,000
- b) Annual ticket sales: \$166,714
- c) Fishing requires a daily use fee in addition to park entrance
- d) Fishing licenses are required for people over 16
- e) Lakes are stocked and the stocking schedule is published
- f) Each lake allows for shoreline fishing and is supported by close parking, picnic benches, restrooms within walking distance and a paved connected path.
- g) The lakes' current condition is good, with an abundance of plant life that helps to maintain water quality and marine life.
- h) Water for the lakes is supplied from a local onsite well.
- i) Twice a year, there are month-long fishing derbies at an additional fee.



Figure 2 Google Earth Pro Existing fishing lake

Possible effects of the new amenities:

- a) Relocation of parking field.
- b) The restroom located in the new campground will be dedicated to the campground, and additional restroom facilities will be necessary.

Soft Opportunities - These are opportunities that take limited capital outlay:

- a) Promotion via social media
- b) Fishing lessons by regional experts providing lessons
 - Fly fishing
 - Lures vs bait
 - Equipment and knot tying
- Fishing expo
- Expanding the Derby or other gamification of the fishing experience

Hard Opportunities - These are opportunities that will take study and capital:

- Providing additional fishing area by thinning or removing a section of the in-water vegetation buildup
- Walk out pier space to allow access to the middle of the lake

Section C.3 Disk Golf

The existing 18-hole facility is a regional favorite and one of only a handful in the Southern California region to have a full 18 holes. This course is a favorite with the local Disc Golf community and is usually active in the morning hour during the week and all hours over the weekend.

- Average attendance is estimated at 2900 golfers per year
- 18- holes with DISCatcher Pro Targets
- Concrete Tees boxes
- Cart Friendly
- Average of 2 to 3 league events monthly followed by annual tournaments
- Course is promoted on various disc golf websites

Possible effects of the new amenities:

- Holes 16 and 17 will need to be relocated
- Holes 13 will need to be realigned

Soft Opportunities - These are opportunities that take limited capital outlay:

- Additional promotion via social media
- Creation of High School or College leagues
- Provide rental equipment

Hard Opportunities - These are opportunities that will take study and capital:

- Limited due to the nature of the sport and the existing facility.



Figure 3 UDisc.com

Section C.4 Swimming Area

The swimming area at Glen Helen Regional Park has long served as a popular seasonal retreat, offering a refreshing cool down for the local community. Understanding the community's wants, San Bernardino County has invested in multiple new attractions around the favorite swimming spot.

- a) Average annual attendance of 5,000 per year
- b) Facility has a separate entrance
- c) Local parking
- d) Ticket prices are \$7/person: Daily swim, no water slides (excludes holidays, Holiday Weekends & special events); \$12/person: Wednesday-Friday; and \$17/person: Holidays & Holiday Weekends; Ticket prices are evaluated annually
- e) 1- 22,000 sqft zero clearance swimming basin
- f) New 3 run-out flume water slide complex
- g) New Splash Pad with enhanced play features
- h) Food and Beverage building
- i) Restroom facility
- j) Shaded eating area
- k) Large grass play areas
- l) Current occupancy estimate: 500 people



Figure 4 Existing waterpark Image by Google Earth Pro

Opportunities:

Please see Section E.2.1 Waterpark Program



Figure 5 New 3 flume Waterslide and tower (Photo provided by Bergman Development Services)



Figure 6 New Splash pad equipment (Photo provided by Bergman Development Services)



Figure 7 Existing swim basin (Photo provided by Bergman Development Services)



Figure 8 Existing food service, restroom office building (Photo provided by Bergman Development Services)



Figure 9 Existing shade area (Photo provided by Bergman Development Services)

Section C.5 Existing Structures

Figure 10 Meadowlark Shelter (Photo provided by Bergman Development Services)

Sheltered areas

Glen Helen Regional Park has a variety of covered picnic shelters, providing a home base for a family picnic and rental space for large groups planning an event at the park. Rentals for this area can be reserved through the San Bernardino County website.

These spaces include:

- Picnic benches
- Large barbecues
- Water and power
- Occupancy up to 300 people



Figure 11 Coyote Shelter (Photo provided by Bergman Development Services)



Figure 12 Typical shelter facilities (Photo provided by Bergman Development Services)

Picnic Benches

Picnic bench areas are available throughout Glen Helen Regional Park. Most areas have been strategically placed under the many large shade trees and within easy walking distance of both parking and restrooms.

Typical Picnic Bench areas include:

- Concrete picnic bench
- Steel barbecue
- Trash receptacle



Figure 13 Typical picnic area (Photo provided by Bergman Development Services)

Restrooms

Clean restrooms that are properly located and accessible are a key to a family outing. To maintain a quality guest experience, Glen Helen Regional Park has been upgrading the existing site restroom facilities. Most recently, the park has installed three new ADA-compliant restroom buildings.

Facilities include:

- ADA Complaint stalls and access
- Sewer connected facilities
- Hot and cold water
- 4 Current buildings total of 26 stalls with a mix of men's, women's, and unisex to service the public



Figure 14 Typical restroom (Photo provided by Bergman Development Services)

Play Structure

One of the most heavily used areas within Glen Helen Regional Park is the play structure. A current renovation project started in 2023, and the playground provides activities for all ages.



Figure 15 New playground (Photo provided by Bergman)

Future Play Structures

With a vision for the future, the park plans for the installation of its next innovative play area.



Section C.6 Campground- Existing

The existing campground is primarily a primitive camping experience with limited amenities. While the campground itself is located outside of Glen Helen Regional Park, the camping guest must check in at the main park entrance. This guest experience can be challenging due to the size of most recreational vehicles, as they have to navigate the park entrance, turn around, and then cross Glen Helen Parkway.

The majority of the camping area is primitive; however, ten (10) sites have full hookups, restrooms, and shower facilities.

The full hook-up sites include:

- Power
- Water
- Sewer
- Firepits
- Picnic benches
- Dump station



Figure 16 Existing campground Photo by Google Earth

The balance of the camping area, roughly 17 acres, is primitive camping with no resources or amenities. This area is often used as overflow parking for the Glen Helen Amphitheater.

When used as ancillary parking, the parking area holds approximately 292+/- within the southeastern area and 90+/- within the northwestern area.

This area would be intended as flex space, once the new campground is constructed within the main body of the park.



Figure 17 Glen Helen Campground Photo by Google Earth

Section C.7 Miscellaneous Areas

Additional amenities throughout the park include:

- a) 3 existing grass volleyball courts
- b) 1 horseshoe pit

Section C.8 Hiking and Biking Trails

Surrounded by open space, Glen Helen Regional Park's marked trail system is easy to navigate and listed on the San Bernardino County and various other hiking websites.

It should be noted that the trail system is a shared system by hikers, mountain bikers and horseback riders. There are also 24 races at the nearby Glen Helen Racetrack that enter into the trail system. During these races, the trail system is noted and closed around the race.

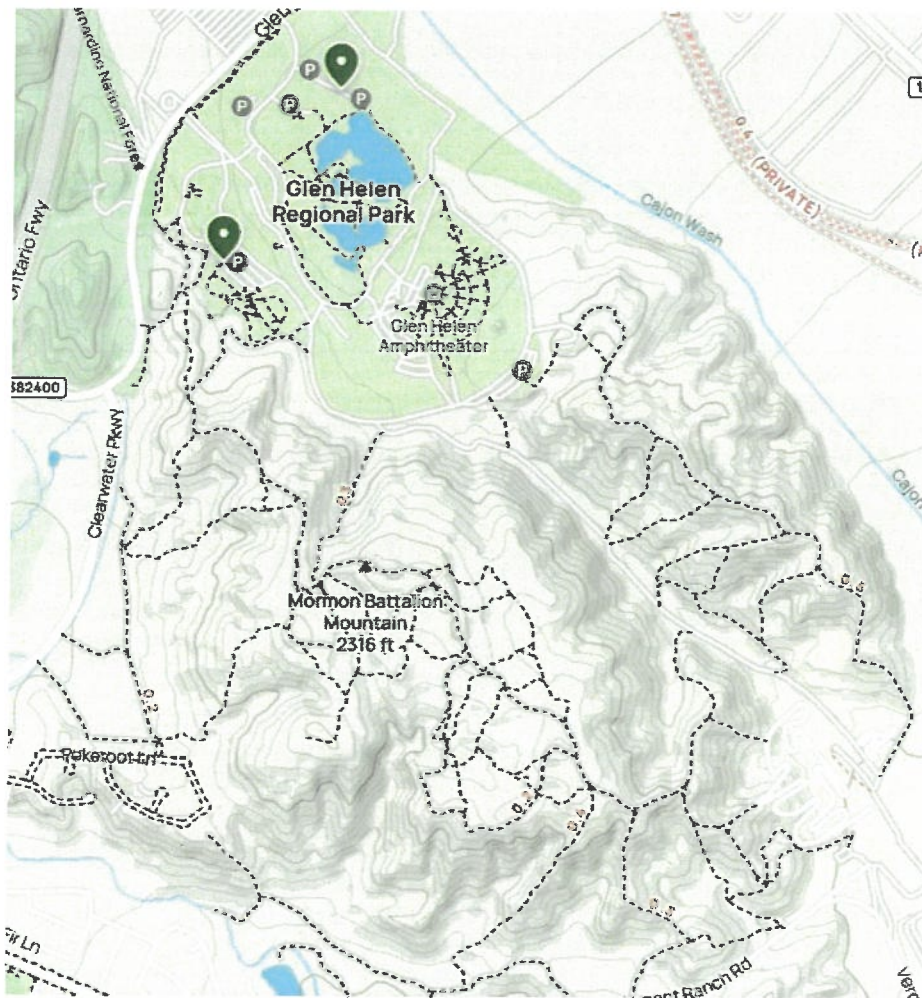


Figure 18 Hiking map Photo from All Trails Website, Mapbox and Open StreetMap

Soft

opportunities – These are opportunities that take limited capital outlay:

- a) Additional promotion via social media
- b) Creation and or marketing to local hiking clubs
- c) Include a docent tour
- d) Partner with a local Scout troop
- e) Sponsored events
 - o Trail races
 - o Mountain bike races
 - o Marathons

Hard opportunities – These are opportunities that will take study and capital:

- a) Please see Section F.4

Section C.9 Parking Areas

Section C.9.1 Day-to-day operations

During typical day-to-day operations, parking is open, and people park close to their destinations.

Waterpark parking

- a) 326 - Standard parking stalls
- b) 6 - ADA parking stalls
- c) Parking field is in good condition and recently slurry coated and striped.



Figure 19 Waterpark parking Photo by Google Earth Pro

Disc Golf parking

- a) 46 - Standard parking stalls
- b) Parking field is in fair condition and needs slurry coated and striped.



Figure 20 Disc golf parking area Photo by Google Earth Pro

Fishing Area parking

Parking for fishing is located within a variety of parking areas.

- a) Parking stall count varies as this parking is shared with the recreational areas of the park
- b) Parking field is in fair condition and needs slurry coated and striped



Figure 21 Fishing parking area Photo by Google Earth Pro

Section C.9.2 Special event parking (Primarily for Glen Helen Amphitheater)

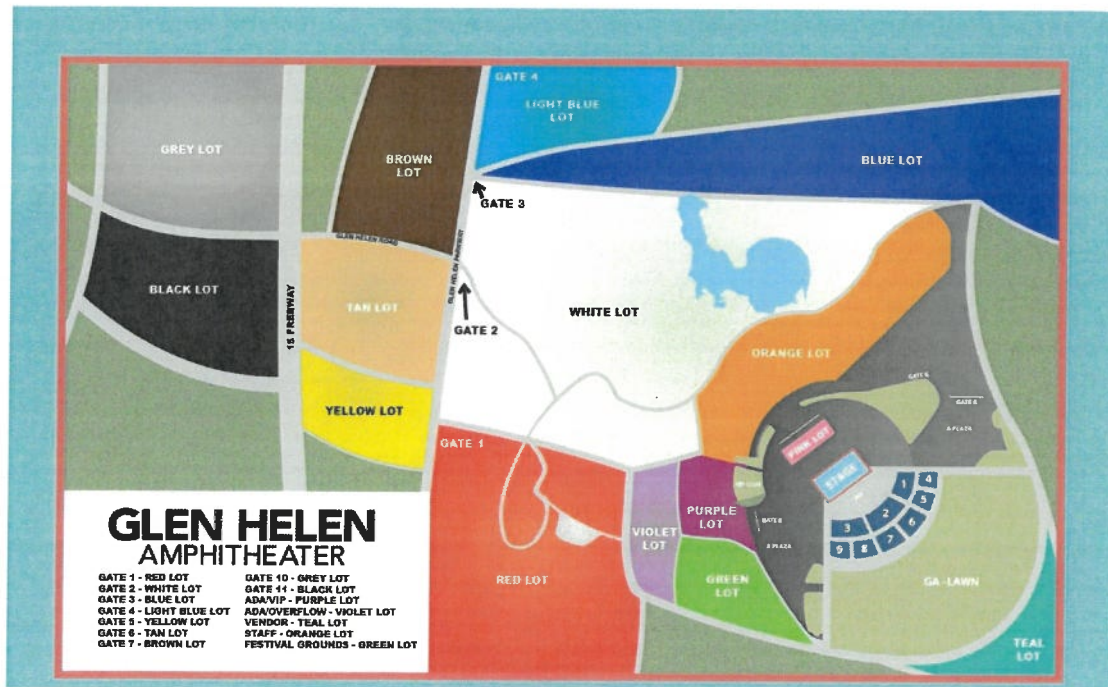


Figure 22 Image courtesy of Live Nation

Parking for special events is coordinated with Live Nation from Glen Helen Regional Park.

Section C.10 Leased Areas (Concessionaire)

There are 3 specific land lease areas within Glen Helen Regional Park:

- San Bernardino Sheriff's Rodeo Site
- Glen Helen Amphitheater
- Glen Helen Raceway

Section C.10.1 San Bernardino Sheriff's Rodeo

This area is reviewed in detail in Section E.4 – Sheriff's Rodeo / Equestrian Center

Vital Statistics:

- a) Leased to Seven Point Inc.
- b) Lease is active until 2039
- c) Approximately 12.6 Acres +/- including onsite parking area
- d) Lease includes buildings and corral areas and is in "as-is" condition
- e) Annual attendance
- f) Onsite parking per lease area of approximately 620+/- spaces
- g) Adjacent parking fields
 - a. Southern lot approximately 910+/- spaces
 - b. Western lot approximately 270+/- spaces
- h) 1 Event per year, 3 nights, typically in September



Figure 23 Sheriffs Rodeo

Section C.10.2 Glen Helen Amphitheater

This area is reviewed in detail in Section F.2 – Glen Helen Amphitheater

Vital Statistics:

- a) Leased to Live Nation Worldwide, Inc
- b) Lease is active until 2024 and is expected to be extended
- c) Approximately 39.6 Acres +/- including onsite parking area
- d) Lease includes buildings and amphitheater
- e) Maximum capacity- 65,000 people (Large in the country)
- f) Onsite parking per lease area of approximately 320+/- spaces
- g) Overall site master parking plan for events
- h) Events vary per year, with 2024 season offering 13 events



Figure 24 Glen Helen Amphitheater

Section C.10.3 Glen Helen Raceway

This area is reviewed in detail in Section F.3 – Glen Helen Raceway

Vital Statistics:

- a) Leased to Glen Helen Racing Inc.

- b) Lease is active through 2037
- c) Approximately 200 Acres +/- including onsite parking area
- d) Lease includes buildings, racetracks and support services
- e) Estimated annual attendance is over 100,000 attendees
- f) Onsite parking per lease area of approximately 500+/- spaces
- g) Onsite parking for all events
- h) Events per year- Daily track access and weekend race events year-round



Figure 25 Glen Helen Raceway Photo by Commissioned by Bergman Development Services)

Section C.11 Utilities

Section C.11.1 Water Capacity

An enhanced water demand study is to be completed prior to each phase of development. A water and waste feasibility study update was commissioned in June 1993 and it noted that the well capacity had declined over the years from 1200gpm per pump to 600gpm and recommended the installation of the secondary water supply system. While this line has been installed, it is currently temporary.

The need to determine the new depth of the water table and the possibility of deepening the existing wells should be considered.

According to this study, the demand load for the park and the amphitheater at that time was 189,360 gpd; this did not include the demand loads for the Glen Helen Raceway. While the fixture counts have not increased, the added demand from the anticipated new facilities will increase the demand.

- a) Primary water supply is 2 off-site wells. While there are 3 other wells in the area, they primarily service areas other than Glen Helen Regional Park.
 - a. Well 1A Off-site to the east of Cajon Cajon watershed
 - b. Well 3 North of Hwy 15
 - c. Well 4 South of Hwy 15
 - d. Well 5 Off-site to the east of Cajon Cajon watershed
 - e. Well 6 Off-site to the east of Cajon Cajon watershed



Figure 26 Wells #3 and #4 locations Commissioned by Bergman Development Services

- b) Secondary water supply
 - a. Supply is from an existing fire hydrant located on Glen Helen Park Way through a 6" exposed PVC pipe to the park.



Figure 27 Secondary waterline location

Backflow connection to West Valley Water District on Glen Helen Parkway.



Figure 28 Water connection OSY (Photo provided by Bergman Development Services)

Reclaimed Water System

Glen Helen Raceway has proposed the installation of a reclaimed water system connecting to the wastewater treatment facility at the San Bernardino County Sheriff's Correction facility to the south of Glen Helen Regional Park, primarily for dust control. As of 2024, this system remains proposed.

Water Storage

Current water storage capacity should be evaluated for the increased loads and fire risk.

Section C.11.2 Sewer Capacity

The current sewer system will need to be evaluated to determine its available capacity, followed by a demand study to determine the new demand placed on it.

Additional projects are planned across Glen Helen Parkway. If constructed, the park's sewer system should be connected to the new system installed in this area.

Section C.11.3 Power

Currently, there is ample power on site. A capacity study will need to be completed to identify the available power. In addition, a demand study for each new amenity will need to be completed.

Section D

Implementation Plan - Overview

Traffic

- Section D1.1 Traffic Offsite
- Section D1.2 Entrance/Exit to the park
- Section D1.3 Traffic Onsite

Restroom Facilities

Water

- Section D.3.1 Water Supply
- Section D.3.2 Onsite Water Storage

Sewer

- Section D4.1 Sewer

Power

Natural Gas

Possible Demand Loads

Allocation of land area

- Section D8.1 Camping area
- Section D8.2 Waterpark
- Section D8.3 Adventure Park
- Section D8.4 Equestrian Center

Funding for infrastructure

- Section D9.1 Capital Improvement Program
- Section D.9 2 Funding sources

Infrastructure Development

Operational plan

Section D

Implementation Plan - Overview

With expectations of strong community growth, Glen Helen Regional Park offers a prime location to serve the region. The 2024 Glen Helen Regional Park Master Plan Update details the community's desire and the development viability of 5 specific amenities, all of which aim to enhance the current experience of Glen Helen Regional Park. To support the plan update, San Bernardino County is taking the first step by commissioning this report. Contained within this report are the following studies:

- a) Highest and Best Use Analysis
 - a. Report analysis of each of the concepts for their viability and community demand
- b) Biological Resource Study
 - a. This report ensures that our future projects protect the existing plant and animal life
- c) ALTA Survey
 - a. Understand the existing property lines and easements within the boundaries of the park and adjacent
- d) Traffic Study
 - a. Identify the necessary offsite improvements to help ease traffic on and around the site.

Additional considerations

The Oasis at Glen Helen Project is in progress and has been approved through CEQA. This project brings water and sewer connections closer to Glen Helen Regional Park, extending the existing systems from Clearwater Parkway to 1000 feet from Glen Helen Regional Parks southern boundary on Glen Helen Parkway.

1. Traffic

Glen Helen Regional Park experiences a variety of traffic situations. While attempting to address the current issues, the park needs to plan for both the future growth of the area, as well as the development of the planned amenities plan for the park.

Section D.1.1 Traffic Offsite

As part of the update to the Glen Helen Master Plan a traffic study was completed. The report focused on traffic patterns for 3 specific local events:

- a) Regular daily traffic
- b) Regular weekend traffic
- c) Large Amphitheater events

And included study areas along Glen Helen Parkway from the Northbound I-215 ramps to the Southbound 1-15 ramps. The full report is available as exhibit "B".

Per the traffic report, the amenities discussed within the Glen Helen Master Plan update do not cause a traffic impact to the park or the local area. Traffic does become an issue during the infrequent concert events. The traffic report provided a variety of recommendations.

An abbreviated list of recommendations includes:

- a) Access to the park
 - a. As new amenities are constructed within Glen Helen Regional Park, the existing access points will need to be enhanced to handle updated traffic patterns and flow
- b) Roads Surrounding Glen Helen
 - a. Complete the widening of Glen Helen Parkway from the southern boundary of the park to the newly constructed bridge over Cajon Wash
 - b. Possible widening of Devor Rd from Cajon Blvd to the southbound I-215 on ramp.
- c) Alternate means of transportation
 - a. Enhance the bike paths within the area surrounding the park
 - b. Pedestrian pathways to the park
 - i. Possible pedestrian bridge over Glen Helen Parkway between the Glen Helen Road and the secondary gate
- d) Parking lots
 - a. Coordinate off-site parking areas and provide transportation to the site from the lots.
 - b. Provide a parking lot marker system that is visible from a distance
 - c. Implement lane channelization to provide better ingress and egress

Section D.1.2 Entrance/Exit to the park

The current operation plan should be reviewed to ensure it is current with the existing conditions, and after each new attraction is added.

The current entrance is effective for day-to-day operations. This report provides specific consideration details in each subsection for the future amenities planned; however, the following general considerations should be taken as each amenity is added:

- a) Staff and guest safety
- b) Vehicle Stacking
- c) Lane and traffic control
- d) Timing of the events

Each amenity should be responsible for upgrades to the entrance and exit gate system as the amenity is proposed. These upgrades will be evaluated at the time of lease with the new concessionaire and cost impacts should be considered.

Special events directly related to the Glen Helen Amphitheater should be analyzed case-by-case. The existing Glen Helen Amphitheater traffic plan should be evaluated and coordinated with the recommendations of the traffic report.

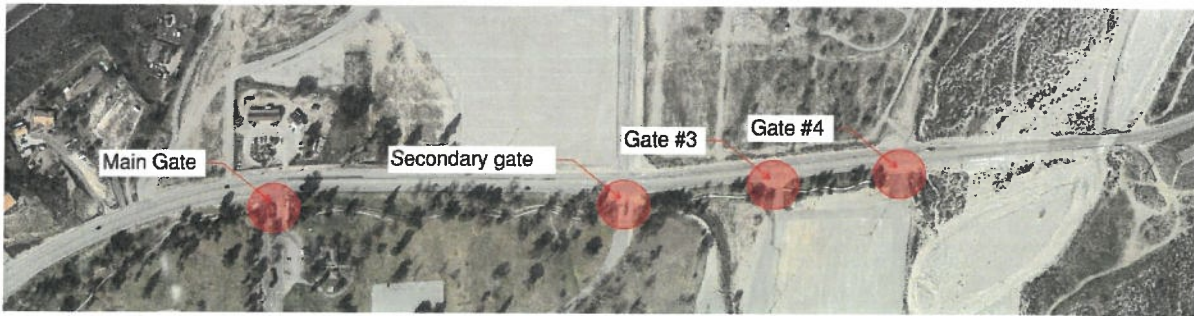


Figure 29 Gate locations

Section D.1.3 Traffic Onsite

On a typical day, the park traffic is not an obstacle. Park patrons arrive at the main gate and the ticketing system is sufficient to accommodate the current traffic volume. As each new amenity is added to the park, a revised traffic plan will need to be established by the park operations and the operator of the facility.

The current entrance and exiting system accommodates:

- a) Park Patrons include park visitors, disc golf players, swim facility users, and people coming to fish.
 - a. Use of the existing main entrance
 - b. Pay at the gate
- b) Camping
 - a. Campers check in at the main gate then proceed to the camping gate off Glen Helen Road
- c) Possible improvement
 - a. Reservation or prepay system

Section D.1.4 Pedestrian Bridge

- a) The addition of a pedestrian bridge has been conceptually design and a construction estimate created. The bridge would help elevate pedestrian crossings and move the pedestrians out of the flow of traffic.
- b) Exhibit attached I.1

2. Restroom Facilities

San Bernardino County has recently upgraded all the onsite park restrooms. The new facilities meet current ADA standards and are maintained daily. The current restroom quantity and quality meet the needs of the park in its current design.

Each new amenity will need to add restrooms to match their occupancy and reviewed for code compliance.

3. Water

The current water system was installed with the construction of the park and has been maintained through the years and is sufficient for the current park operations. As amenities are added to the park, the support systems should be reviewed and upgraded. Before the County enters into contracts for the proposed new amenities, a water master plan should be commissioned. The plan should include:

- a) Assessment of the existing water system, including supply and storage
- b) Water quality onsite
- c) Identify the demand loads of the proposed new amenities
- d) Identify the needs of the Amphitheater including the addition of new restroom facilities
- e) Explore options of having Glen Helen Regional Park join San Bernardino Valley Water District
- f) Explore the enhancing the existing system

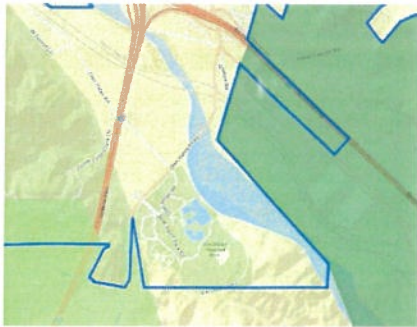
Section D.3.1 Water Supply

The current water supply is a two-part system consisting of wells and a supplemental water supply connected to San Bernardino Valley Water District. While this system supports the park in its current form, a new system should be considered due to the age of the pipe and increased demand placed on the system.

Considerations:

- a) Bring Glen Helen Regional Park into the San Bernardino Valley Water District.
- b) If the proposed retail project is built to the west of Glen Helen Regional Park, this project will need to have a new water service. Ideally, this water service will be installed in Glen Helen Parkway and can support the park and new amenities.
- c) The existing service wells options:
 - a. The wells are deepened and enlarged to support the water grid and possibly the new park amenities. Onsite storage capacity will need to be expanded.
 - b. The wells are left at their current capacity and support onsite irrigation and the water levels in the lakes.

A demand study should be commissioned to review the existing water capacity and future demands. This information should then be shared with the SBVWD to help plan for the infrastructure needed in the area.



The blue line represents the existing SBVWD boundary.

Note that the system surrounds Glen Helen Regional Park.

Figure 32 Boundary map of SBVWD Image from SBVWD website

Section D.3.2 Onsite Water Storage

Glen Helen Regional Park currently has limited on site water storage capacity. This system's capacity should be reviewed as part of the parks overall water strategy plan. The current usage is to increase the onsite water system pressure and provide capacity for firefighting efforts.

4. Sewer

The current sewer system was installed with the construction of the park and has been maintained through the years and is sufficient for the current park operations. As amenities are added to the park, the support systems should be reviewed and upgraded. Prior to the County entering into contracts for the new amenities being proposed, a sewer master plan should be commissioned. The plan should include:

- a) Assessment of the existing sewer system for capacity
- b) Identify the demand loads of the proposed new amenities
- c) Identify the needs of the Amphitheater, including the addition of new restroom facilities
- d) Explore options including Glen Helen Regional Park joining the Glen Helen Community Service Area (CSA) 70 GH.
- e) Explore enhancing the existing system connected to the wastewater treatment facility at the Sheriff's Regional Rehabilitation Center

Section D.4.1 Sewer

The on-site sewer system is a mix of septic and connection to the water treatment facility located next to the Sheriff's Training and Rehabilitation Center. It has limited capacity and needs to be evaluated for capacity.

Considerations:

- a) Bring Glen Helen Regional Park into the Glen Helen Community Service Area (CSA) 70 GH for sewer services.

- b) If the proposed retail project is built to the west of Glen Helen Regional Park, this project will need to have a new water service. Ideally, this water service will be installed in Glen Helen Parkway and can support the park and new amenities.



Figure 33 Water treatment facility location

- c) Increase the sewer capacity in the park by installing a new lift station and enlarging the sewer line from the park to the sewer treatment facility at the Sheriff's Training and Rehabilitation Center.

5. Power

The current power system was installed with the construction of the park and has been maintained through the years and is sufficient for the current park operations. As amenities are added to the park, the support systems should be reviewed and upgraded. Prior to the County entering into contracts for the new amenities being proposed, a sewer master plan should be commissioned. The plan should include:

- a) Assessment of the existing power system for capacity
- b) Identify the demand loads of the proposed new amenities

The ALTA survey found multiple on-site Edison easements in the Glen Helen Regional Park. These easements appear to be for access to overhead power lines on park property.

Due to the area's capacity and planned developments within the sphere of influence of future projects, San Bernardino County should contact Southern California Edison and advise them of possible future demands.

6. Natural Gas

The existing gas system is sized to support the existing facilities. Due to the State of California recently passing a law banning the use of natural gas appliances, any future appliances needed on-site will need to comply with this law. The existing appliances are exempt and can continue to be used, but no further demand will be placed on the system.

7. Possible Demand Loads

Anticipated demand loads - Demand study needed to verify

	Water Service	Fire Service	Sewer Service	Power
Camping- Facilities	3" water at 125 GPM	6" water at 125 GPM	4" sewer at 240 GPM	1000kva at 120volts
Camping-Landscaping	2" water at 125 GPM			
Waterpark- Facilities	3" water at 125 GPM	6" water at 125 GPM	4" sewer at 240 GPM	200 KVA at 240volts
Waterpark- Attractions	3" water at 125 GPM		4" sewer at 240 GPM	3000KVA at 120volts
Waterpark- Landscaping	2" water at 125 GPM			200KVA at 120volts
Adventure Park- Facilities	2" water at 125 GPM		3" sewer at 175 GPM	1000KVA @120volts
Adventure Park- Landscaping	2" water at 125 GPM			200KVA at 120volts
Equestrian Center- Facilities	3" water at 125 GPM	6" water at 125 GPM	4" sewer at 240 GPM	2000 KVA at 240volts
Equestrian Center- Landscaping	2" water at 125 GPM			200KVA at 120volts
Amphitheater restrooms – Addition fixture for 20000	4" water at 125 GPM		6" sewer at 240 GPM	

8. Allocation of land area

Glen Helen Regional Park totals more than 1350 acres; most of this area is undisturbed land. The planned amenities are designed to be placed on currently developed land in the park, enhancing the guest experience and utilizing existing infrastructure.

Section D.8.1 Camping Area

Camping is an integral part of Glen Helen Regional Park. Because the current location of the camping area is disconnected from the interior of the park, an option has been proposed to relocate and expand the camping area.

- The new location will bring the camping guest into the heart of the park
- The location is planned in a disturbed area of the park
- The location will place the campers near the main gate and ease operations

The cost of the allocation of this area will be included in the cost of the new campground. These costs are reviewed in Exhibit E.1



Figure 34 Proposed new camping area Image Google earth pro

The new camping site will keep the following existing amenities in place:

- a) Enhancing the existing restrooms, showers and laundry service will be constructed adjacent to the restroom building
- b) Existing playground will be left in place and the perimeter will remain
- c) Existing sidewalks and park circulation
- d) Disc Golf will need to have holes 16 and 17 relocated
- e) Disc Golf will need to have hole 13 realigned
- f) Existing trees will be relocated if possible



Figure 35 Parking areas removed for camping Image Google earth pro

The new camping site will remove:

- a) Approximately 74,500 sqft of parking or 188 parking spaces
- b) Unused access to the large parking field to the north
- c) 8 picnic benches will be relocated to a new location in the park



Figure 36 Existing camping area to be re-purposed into flex space Image Google earth pro

The existing camping area is to be repurposed into flex space. Possible uses include:

- a) Additional parking for large events
- b) Overflow camping for special events
- c) Trailer and camper parking for Rodeo events
- d) Trailer parking for equestrian events and trail riding

Two options for this area:

- a) Due to the condition of the existing area, it can be kept in a state of readiness for no additional cost other than maintenance.
- b) The area can be enhanced as either a part of the new campground or as a standalone project.

Section D.8.2 Waterpark

Local residents have enjoyed Glen Helen Regional Park's water park for years and recently the San Bernardino County enhanced the area with 3 new waterslides and new splash pad features. With the addition of the new amenities, the community responded by asking for an even larger, dedicated water park experience. The vision is to enlarge the waterpark into a regional facility utilizing the existing area and finding a concessionaire to construct and operate the facility, leasing the land from San Bernardino County.



Figure 37 Re-imagined water park area Image Commissioned by Bergman Development Services

Items allocated to the new waterpark; these items will be purchased from the County of San Bernardino:

- a) New 3 flume waterslide
- b) Splash pad features

The concessionaire will be responsible for covering the costs associated with the new waterpark and its related parking facilities.

Section D.8.3 Adventure Park

The Adventure Park area is located adjacent to the proposed water park. The proposed location lends itself to the sharing of resources between the two facilities, but the intent is to have them each operated as stand-alone businesses. The proposed site is an underutilized portion of the park with great access and view of the area.



Figure 38 Adventure Park location Image Commissioned by Bergman Development Services

Section D.8.4 Equestrian Center

This site is currently leased to the Sheriff's Rodeo, which envisions activating the parking field to the south of the site. If this project is constructed as imagined, the parking field would be moved to the flex space area to the north of the site.



Figure 39 Sheriff rodeo area

Land Options:

- a) Leave the existing Sheriff's Rodeo Space and parking; there is a current lease which expires in 2039.
- b) Work with Seven Points to lease the area between Sheriff's Rodeo and Glen Helen Parkway to build a larger complex.
- c) The proposed parking area to the north is currently available as overflow parking and is used during the Sheriff's Rodeo. In either case, the area can be utilized for parking.

A proposed plan for the equestrian complex includes adding an additional area between the existing Sheriff's Rodeo and Glen Helen Parkway. This area would allow for an enhanced facility providing both a Rodeo and an equestrian experience in the same complex. The proposed facility will include stables, training arenas, showing arenas, a wedding chapel, and support buildings. An expanded overview of this area can be found in Section E.4.1.

9. Funding for infrastructure

Funding for infrastructure needs can be achieved through multiple channels. It is essential to identify the projects that require support from San Bernardino County to ensure that infrastructure improvements align with the park's amenities and meet its operational demands

San Bernardino County has various funding sources available. While funding for infrastructure might come from various sources, the increased revenue offsets the expense exponentially. It will ultimately be up to the County Board of Supervisors to find the appropriate funding measures.

San Bernardino County Regional Parks should be aware of the Oasis Development proposed directly across Glen Helen Parkway from Glen Helen Regional Park. This development will need to be serviced by San Bernardino Valley Water District and the Community Service District for sewer. With both water and sewer infrastructure needed for this development and the proximity of the project, a plan should be made to extend these services to Glen Helen Regional Park for connection.

Section D.9.1 Capital Improvement Program

Given the uncertainty surrounding funding for infrastructure upgrades at Glen Helen Regional Park, it is recommended that a comprehensive Capital Improvement Plan be developed. Additionally, appropriate funds should be allocated from the General Fund to ensure the necessary resources are budgeted for these critical upgrades.

Section D.9.2 Funding sources

Operational revenue- User Fees

- While user fees are the primary revenue generators for the park, they are a small portion of the overall revenue and are allocated to park operations.

Operational revenue- Concessionaires

- The Regional Parks Department holds private concession leases. During lease negotiations, the Regional Parks Department should secure market-rate leases. Concessionaires can be assigned pro rata share portions of the infrastructure cost.

Grants – State Level

- California Department of Parks and Recreation's Office of Grants and Local Services (OGOALS) manages grant programs to provide funding for local park improvement projects.

Grants- Federal Level

- Federal grants are available for park development and rehabilitation

County General Funds

- County General Funds can be allocated to the infrastructure cost for the park. These funds would help promote new revenue sources in the park and would be returned to the county in an exponential return on investment.

County Park Bond Issue

- The County could issue a bond program for parks; however, this measure would need to be approved by the electorate.

Special Assessment District (Paid by developers)

- The County could impose a Special Assessment District on the local development area. The park's sphere of influence includes both industrial and residential projects.

Mello-Roos Community Facilities Districts (Paid by homeowners)

- With housing becoming local to the park, a Community Facilities District (CFD) can be established to support the park.

10. Infrastructure Development

In an effort to prepare Glen Helen Regional Park for the impending new amenities, the park should install the water and sewer backbone services to meet the increased demand. The existing system was not designed for additional capacity and is currently limited at best.

The infrastructure should plan for two options depending on timing:

1. Connecting to the water and sewer system proposed for the Oasis Development. This plan involves waiting for the proposed Oasis Development to complete the underground construction needed to support this project. The project has completed the CEQA and planning process and is currently under design. The anticipated construction start time would be late summer of 2025, with the needed water and sewer connections complete in early 2026. This plan would require Oasis Development to fund the water and sewer extension construction.
2. Connecting to end-of-line water and sewer system on Glen Helen Parkway at Clearwater Parkway. This plan would see San Bernardino County taking the lead for this work. This would require a budget allocation, RFP for design and permitting, and then RFP for the construction of the water and sewer systems. If this project is funded in 2025, the timelines would be similar to following the Oasis Development, with the difference being the County would be in control of the design, permitting, and construction, as well as the entire project funding.



Figure 40 Sewer line Option #1 Image by Google Earth Pro

Sewer line option #1

Scope:

New sewer lateral
New lift station
New sewer line connecting to the new line at Oasis Development

Timeline for construction 2.5 months



Figure 41 Sewer line option #2 Image by Google Earth Pro

Sewer line option #2

Scope:

New sewer lateral
New lift station
New sewer line connecting to the existing sewer line at the intersection of Clearwater Parkway

Timeline for construction 4 months

A proposed schedule and budget for the following scope is outlined in Exhibit XXXX

Design and permitting anticipated timeline: 9 months

Construction timeline Option #1: 2.5 months

Construction timeline Option #2: 4 months

The following scope is necessary to upgrade the systems:

Demand Study

- Evaluate the existing water, sewer, and power systems
- Calculate the new demand loads for each amenity

Engage a civil engineer

- RFP for a State of California license civil engineering firm to create working drawings
- Engage local service providers for capacity and connection requirements

Engage a Dry Utility Consultant

- RFP for a dry utility consultant to analyze the demand loads and work with Southern California Edison
- Engage Southern California Edison for capacity and connection requirements

Working Drawings

- Engage the local service providers for connection locations
- Civil drawings for wet utilities
- Dry utility drawings by the dry utility consultant

Permitting

- Submit to the County of San Bernardino for permit
- Establishing necessary easements

Rough Order of Magnitude budget

- Have the civil engineering provide a ROM price for the scope

Construction

- RFP for a general engineering firm
- Construction of the wet and dry utility systems

11. Operational plan

As each of the amenities is integrated into the park, the operation plans will need to be reviewed and possibly revised. While many topics are evaluated in the operational plan, key points should be reviewed with all stakeholders, including.

- a) Local sheriff
- b) Local fire
- c) Local EMS
- d) California Department of Forestry
- e) CALFIRE
- f) Air operations
- g) Caltrans
- h) California Highway Patrol
- i) Mutual aid agencies
- j) Concessions

- k) Any other agency that could possibly be onsite during normal operation and/or any other emergency situation.

Once on-site staff and concessionaires have established a baseline operations plan, all teams should meet annually, after an onsite event, or before and after any major planned event on the property, to review and analyze the operational plans.

Section E

Amenity Plan - Overview

Amenity Plan - Campground

- Section E.1 Campground program
- Section E.1.2 Campground traffic flow
- Section E.1.3 Visitor Parking
- Section E.1.4 Park conductivity
- Section E.1.5 Infrastructure campground specific
- Section E.1.6 Funding

Amenity Plan - Waterpark

- Section E.2.1 Waterpark program
- Section E.2.2 Proposed parking and access
- Section E.2.3 Land Area Allocation
- Section E.2.4 Infrastructure
- Section E.2.5 Funding
- Section E.2.6 Development Plan

Amenity Plan - Adventure Park

- Section E.3.1 Adventure Park
- Section E.3.2 Purposed parking and access
- Section E.3.3 Land Area Allocation
- Section E.3.4 Infrastructure
- Section E.3.5 Funding
- Section E.3.6 Development Plan
- Section E.3.7 Alternate Concepts/Uses

Amenity Plan - Sheriff's Rodeo / Equestrian Center

- Section E.4.1 Sheriffs Rodeo/ Equestrian Center
- Section E.4.2 Allocation of the land
- Section E.4.3 Infrastructure
- Section E.4.5 Funding
- Section E.4.6 Development Plan

Section E

Amenity Plan - Overview

With the growth of San Bernardino County, the Regional Parks Department saw an opportunity to activate one of the largest parks in San Bernardino County for the community. The Regional Parks Department engaged the community through outreach efforts, including email surveys, community events, and public notices, to gather input on desired amenities and experiences for Glen Helen Regional Park. Based on this feedback, the top choices were:

1. Waterpark
2. Campground
3. Adventure Park
4. Equestrian center

The following plan reviews the program of each area and the possible development cost and timelines.

Amenity Plan - Campground

Section E.1 Campground program

Camping is a cherished family tradition and one of the most highly requested enhancements for Glen Helen Regional Park. The existing camping area is located across Glen Helen Parkway and away from the actual heart of the park. The new design will bring camping back into the park along with the energy of the guests.

The campground program is as follows:

- a) 85 new RV-capable campsites
 - i. All sites will be large enough for 5th-wheel or king-pin style trailers and trucks
 - ii. Full hookups including water, sewer, power and Wi-Fi
 - iii. Firepits
 - iv. Sitting area/picnic table with benches
 - v. Grills
- b) Remodel the existing restroom facilities to include
 - i. Men's including showers
 - ii. Women's including showers
 - iii. ADA access
 - iv. Hot water
- c) Laundry facilities including
 - i. Stacked washers and dryers
 - ii. Folding tables
 - iii. Washbasin
 - iv. Coin-operated vending machines
- d) Playground - Existing

- i. The existing amenities within the park area including the play ground and restrooms will be left in place and the camping area will be planned around the existing amenities.
- ii. Additional benches and sitting area

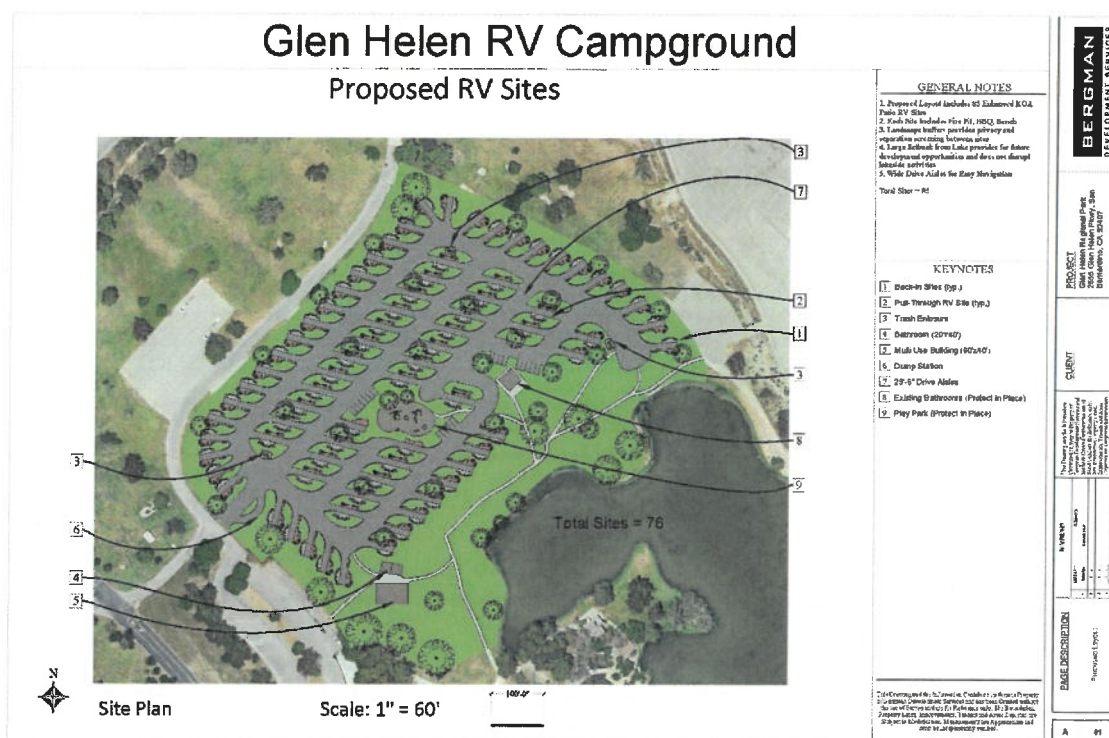


Figure 43 Proposed site plan Image Bergman Development Services

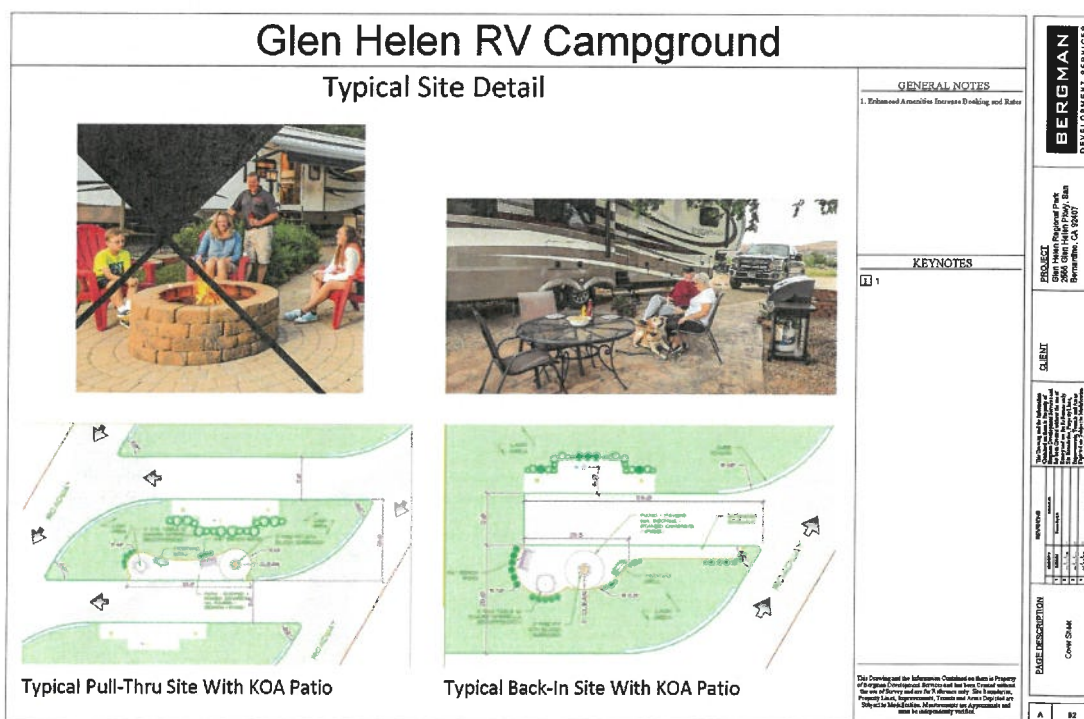


Figure 42 Proposed camp site layout Image Bergman Development Services

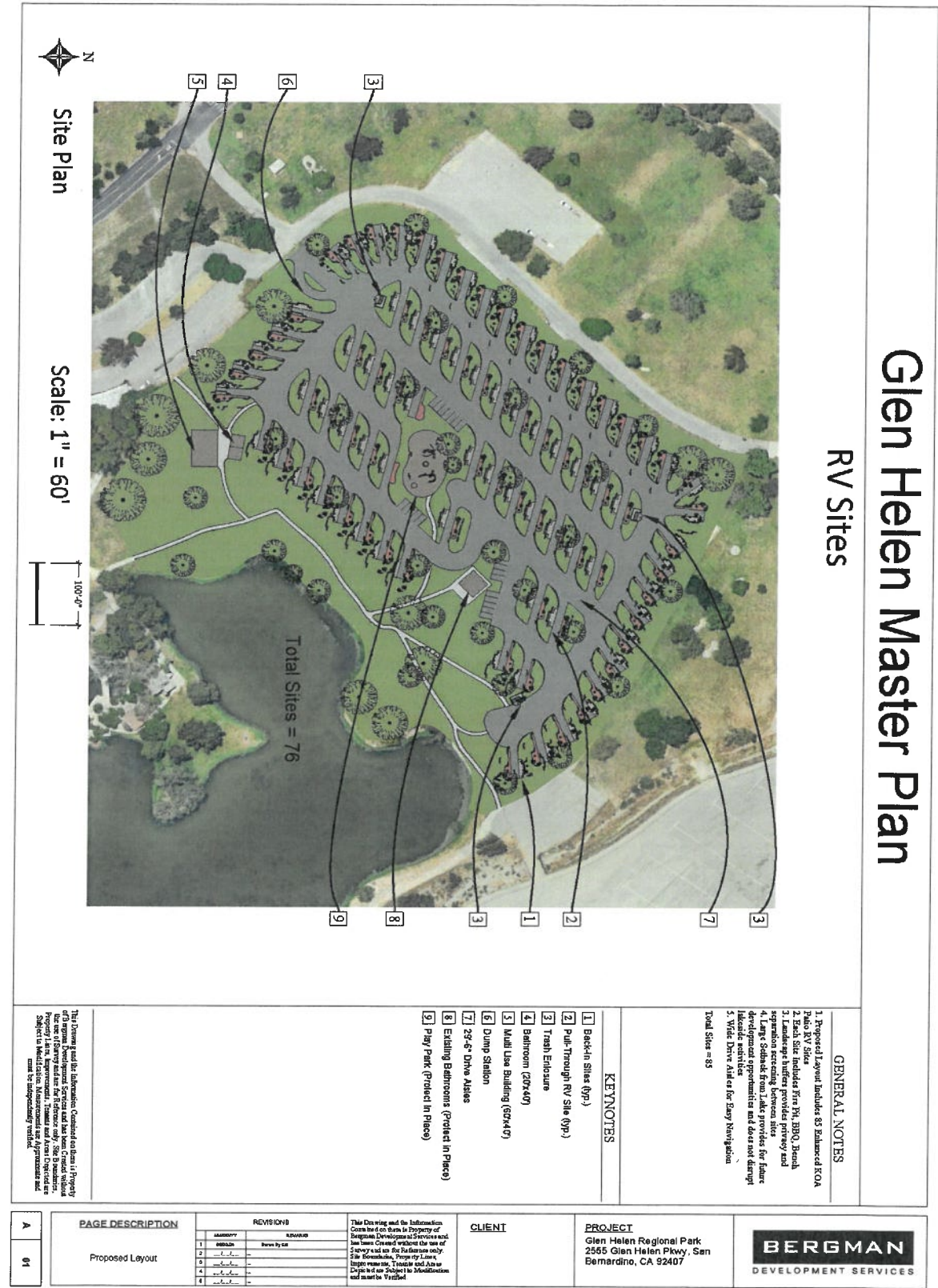


Figure 44 Camp ground site plan Image by Bergman

Section E1.2 Campground traffic flow

Connecting the campground to the rest of the park will rely on a blend of existing infrastructure and potential enhancements. The existing trail infrastructure will be kept, and the campground will be placed adjacent. The proposed entrance to the campground will be reviewed during the design phase and the following items should be taken into consideration.

- a) As future amenities are added to the park, the current main entrance traffic volume will increase. The use of an alternative entrance should be considered to keep large vehicles segregated from the smaller cars and possible pedestrian foot traffic.
- b) A larger vehicle stack as RV trailers and their pulling vehicles can reach up to 80' in length.
- c) The turning radius of RVs is large and requires ample space.
- d) During high traffic times, the campground will still be accessible



Figure 45 Camping overall layout Image Bergman Development Services

Section E.1.3 Visitor Parking

Anticipating guests' visits with campers, the parking lots located adjacent to the campground will provide ample parking while keeping additional cars out of the campground. This separation is a safety measure as the amount of foot traffic in the campground area is expected to be high.

Section E.1.4 Park conductivity

Connecting all regions of Glen Helen Regional Park will enhance the guest experience and allow free movement between areas. The campground will connect to the existing trail system, allowing guests to easily transit the park.

Section E.1.5 Infrastructure campground specific

The existing infrastructure in the campground area will need to be upgraded due to the new loads. These upgrades are to be connected to the anticipated infrastructure backbone recommended earlier in this report. To properly determine the water and sewer line size, a demand study is recommended. While the power demand for the campground is light in comparison, a demand study will be needed to determine which transformer has capacity for the campground.

Anticipated demand loads -Demand study needed to verify

	Water Service	Fire Service	Sewer Service	Power
Camping- Facilities	3" water at 125 GPM	6" water at 125 GPM	4" sewer at 240 GPM	1000kva at 120volts
Camping-Landscaping	2" water at 125 GPM			



Figure 46 Proposed water and sewer lines Image Bergman Development Services

Section E.1.6 Funding

As the County of San Bernardino Regional Parks Department currently operates the existing campground, the Regional Parks Department has expressed the desire to operate the new facility. With this in mind, the funding vehicles are broad, as all of the revenue from this amenity will stay with the general fund.

Operational revenue- User Fees

- While user fees are the primary revenue generators for the park, they are a small portion of the overall revenue and are allocated to park operations.

Grants – State Level

- California Department of Parks and Recreation's Office of Grants and Local Services (OGOALS) manages grant programs to provide funding for local park improvement projects.

County General Funds

- County General Funds can be allocated to the infrastructure cost for the park. These funds would help promote new revenue sources in the park and would be returned to the county in an exponential return on investment.

County Park Bond Issue

- The County could issue a bond program for parks. This measure would need to be approved by the electorate.

Section E.1.7 Development Plan

The development plan outlined is dependent on funding. In an effort to streamline the development process, this plan anticipates funding from the general fund and the project following a traditional San Bernardino County process.

Development Exhibits are for reference and detail models need to be completed at time of execution:

- a) Overall cost including soft cost, construction cost and FFE
- b) Soft cost budget includes consultants and fees
- c) Construction budget includes anticipated construction cost based on cost per square foot
- d) Example operational proforma including revenue and expenses
- e) Possible schedule set with a future start date

Amenity Plan - Waterpark

Section E.2.1 Waterpark program

Building upon a popular feature of the park, the expansion of the waterpark area with new attractions for all age groups has emerged as a highly requested amenity by the community. While the current waterpark is managed by Glen Helen Regional Park staff, its future operations may transition to a concessionaire. The proposed expanded waterpark will feature a larger footprint and more complex attractions, designed to align with the theme of Glen Helen Regional Park. This new program is expected to generate additional revenue for the park while reducing the operational burden on the park's operations team.

Waterpark operations are limited to the summer season, aligning with the school year, typically from May to September. The waterpark's proximity to the amphitheater but differing operating hours make them advantageous neighbors.

The new waterpark activities include:

- a) Capacity (Anticipated)
 - i. Instantaneous capacity 3500 guests
 - ii. Average occupancy 2750 to 2900 guests
 - iii. Parking 3 to 1 ratio 1000 parking stalls
 - iv. Staff on site 65 employees
- b) Bodies of water
 - i. Lazy river
 - ii. Wave pool
 - iii. Multiple landing pools
- c) Kids play area
 - i. Multilevel kids play structure
 - ii. Kids activity slide
 - iii. Kids drop slides
- d) Raft ride complexes
 - i. 2- six-person raft rides
 - ii. 2- two-person raft rides
 - iii. 2- solo raft rides
- e) Body slide complexes
 - i. 3 Slide complex with run outs
 - ii. 6 lane complex with run outs
- f) Buildings
 - i. Entrance building
 - ii. Food buildings
 - iii. Dessert buildings (sweet treats)
 - iv. Restroom buildings
 - v. Changing room
 - vi. Office and support
- g) Parking
 - i. Utilization and proposed modernization of an existing parking area adjacent to the waterpark.
- h) Access
 - i. Main entrance into the park will be shared by the existing park entrance.
 - ii. Existing drive isle proposed to connect the entrance to the parking lot
- i) Existing amenities
 - i. The existing enhanced amenities will remain in place including the existing water slide, restroom/food service building and splash pad toys

Waterpark Conceptual Site Plan



Figure 47 Proposed Waterpark image by Whitewater West

Section E.2.2 Proposed parking and access

The waterpark season is from May to September. During this time, guests entering the park will utilize the existing main gate as the primary access point. There are two lanes at the park entrance. The right lane can be utilized for water park guests only, while the left lane can assist during high traffic times. During high traffic times, disc golf, fishing, and park patrons can access the park through the camping entrance.

Traveling along the existing internal road system, guests can follow a straight path to the anticipated parking field. While this parking area is currently grass, it might be necessary to pave it. The employee parking lot is also anticipated to need to be paved. Waterpark patrons will move from the parking field to the waterpark outside of the parking lot, keeping guests separate from the cars.



Figure 48 Proposed parking and access plan

Section E.2.3 Land Area Allocation

The proposed waterpark site is situated in the current waterpark site, maximizing the existing area. The concept in its current form would occupy approximately 14 acres of land. Most of the new area would be parkland, with a section being the existing parking lot. The parking field for the waterpark could be either a dedicated parking lot adjacent to the amphitheater or a consideration of flex space, leaving the area grass so that when not used for parking, it can be utilized to support other park activities.

Section E.2.4 Infrastructure

The infrastructure needed for the waterpark consists of water, sewer, power and parking. By extending the new water and sewer system brought into the park, the park will have the necessary connections, and the water and sewer system can be utilized for additional areas within the park. A demand study should be completed to identify the load cases accurately.

The existing power infrastructure should support the waterpark due to its enhanced nature supporting the amphitheater. A demand study should be completed to accurately identify the load cases.

Anticipated Demand Loads

	Water Service	Fire Service	Sewer Service	Power
Waterpark- Facilities	3" water at 125 GPM	6" water at 125 GPM	4" sewer at 240 GPM	200 KVA at 240volts
Waterpark- Attractions	3" water at 125 GPM		4" sewer at 240 GPM	3000KVA at 120volts
Waterpark- Landscaping	2" water at 125 GPM			200KVA at 120volts



Figure 49 Water Park water and sewer proposed locations

Section E.2.5 Funding

The current waterpark is operated by the San Bernardino County Regional Parks Department. Operation of a water park the size of the proposed facility is substantially different than operating the current facility. Private operators with this specific skill set and proper funding should be solicited to undertake a project of this size.

In a typical scenario, an RFP for the project will be created and the respondents would be responsible for the execution of the project including bringing the utilities to the site, design and construction of the facility and parking.

With this project being on leased land, special attention will need to be given to the lease terms. The framework of the lease should be anticipated and included in the RFP. The San Bernardino County should anticipate:

- A minimum of 65 years with 2 five-year extensions due to the capital outlay.
- Limited the RFP to groups with 5 years of operational experience within the state

Section E2.6 Development Plan

The development plan outlined is dependent on funding. In an effort to streamline the development process, this plan anticipates funding from the concessionaire and can be used as an example.

Development Exhibits are for reference and detail models need to be completed at time of execution:

- a) Overall cost, including soft cost, construction cost and FFE
- b) Soft cost budget includes consultants and fees
- c) Construction budget includes anticipated construction cost based on cost per square foot
- d) Example operational proforma including revenue and expenses
- e) Possible schedule set with a future start date

Amenity Plan - Adventure Park

Section E.3.1 Adventure Park

As part of the feasibility study completed by H&LA, the community asked for additional outdoor activities at Glen Helen Regional Park. When the residents' surveys were completed, one of the requests was an adventure park. These parks have gained popularity in recent years and provide adventure for all ages.

The Adventure Park is anticipated to be a year-round attraction, and the operation of the facility is envisioned to be a concessionaire.

The facility will include the following:

- a) Capacity (Anticipated)
 - i. Instantaneous capacity 125 guests
 - ii. Average occupancy 60 to 70 guests
 - iii. Parking 3 to 1 ratio 30 parking stalls
 - iv. Staff on site 10 employees
- b) Obstacle course
 - i. Ladders
 - ii. Bridges
 - iii. Zip lines
 - iv. Moving elements
- c) Aerial trials
 - i. Directional course made of varying difficulties
- d) Unique Elements
 - i. Themed pathways
 - ii. Experiences specific to this location
- e) Safety systems
 - i. Security cable system
 - ii. Balae system
 - iii. Harness
 - iv. Direction safety interlock system
- f) Buildings
 - i. Entrance building
 - ii. Restroom building
 - iii. Snack bar
 - iv. First aid

- v. Gear storage
- g) Parking
 - i. Shared parking with the waterpark lot

Section E.3.2 Purposed parking and access

Access to the proposed Adventure Park will be through the main gate. Traveling along the existing internal road system, guests can make the straight path to the anticipated parking field. If the waterpark is open, guests will be sent to the main parking lot. If the waterpark is closed, guests will be sent to the employee parking lot. While this parking area is currently grass, it might be necessary to pave this area. Both lots will provide direct access to the Adventure Park. This method will allow the guest parking lot to be used to support amphitheater events, if there is an event alignment.

It is anticipated that the employee lot will need to be paved.



Figure 50 Adventure Park access

Section E.3.3 Land Area Allocation

The proposed Adventure Park site is situated between the proposed Water Park site and the parking field, utilizing a vacant area within the Glen Helen Regional Park. The concept in its current form would occupy approximately 3 acres of land. The parking field for the Adventure Park would be primarily the employee parking lot during the Waterpark off-season and blended parking during the waterpark season. The guest parking field could be either a dedicated parking lot adjacent to the amphitheater or a consideration of flex space, leaving the area grass so when not used for parking it can be utilized to support other park activities.

The Adventure Park employee parking would be blended during the Waterpark off-season with the Adventure Park guest in the employee lot. During the Waterpark season, the employees would park with the Waterpark employees in the employee lot.

Section E.3.4 Infrastructure

The infrastructure needed for the Adventure Park consists of water, sewer, power and parking. By extending the new water and sewer system brought into the park, the park will have the necessary connections, and the water and sewer system can be utilized for additional areas within the park. It

is anticipated that the adventure park will be built either with the waterpark or after the water park, thus the water and sewer line will have been extended into range of the Adventure Park. A demand study should be completed to accurately identify the load cases.

The existing power infrastructure should support the waterpark due to its enhanced nature supporting the amphitheater. A demand study should be completed to accurately identify the load cases.



Figure 51 Adventure Park water and sewer extension

Anticipated demand loads

	Water Service	Fire Service	Sewer Service	Power
Adventure Park-Facilities	2" water at 125 GPM		3" sewer at 175 GPM	1000KVA @120volts
Adventure Park-Landscaping	2" water at 125 GPM			200KVA at 120volts

Section E.3.5 Funding

The proposed Adventure Park will be a new amenity to Glen Helen Regional Park. In bringing this amenity to the park, it would be advised to invite private operators with this specific skill set and proper funding be solicited to undertake a project this specialized.

In a typical scenario, an RFP for the project will be created and the respondents would be responsible for the execution of the project including bringing the utilities to the site, design and construction of the facility and parking. If it is possible to have the Waterpark and Adventure Park be part of the same RFP process.

With this project being on leased land, special attention will need to be given to the lease terms. The framework of the lease should be anticipated and included in the RFP. The San Bernardino County should anticipate:

- A minimum of 65 years with 2 five-year extensions due to the capital outlay.
- Limited the RFP to groups with 5 years of operational experience within the state
- Possibly create one RFP for both the Waterpark and the Adventure Park

Section E.3.6 Development Plan

The development plan outlined is dependent on funding. In an effort to streamline the development process, this plan anticipates funding from the concessionaire and can be used as an example.

Development Exhibits are for reference and detail models need to be completed at time of execution:

- a) Overall cost including soft cost, construction cost and FFE
- b) Soft cost budget includes consultants and fees
- c) Construction budget includes anticipated construction cost based on cost per square foot
- d) Example operational proforma including revenue and expenses
- e) Possible schedule set with a future start date

Section E.3.7 Alternative Concepts/Uses

Specific to the proposed Waterpark area, alternate uses should be individually evaluated. The evaluation should include the following:

- a) Specific amount of land
- b) Parking
- c) Utility demands
- d) Compatibility with other park uses
- e) Cost to construct vs revenue

Alternate concepts include:

- a) Adding Multi-Level Play structure to the existing water facility



Figure 52 Wild River Waterpark Irvine, CA

- b) Additional area for the adventure park
- c) BMX pump track



Figure 53 Photo by Watchara Phomicinda, The Press-Enterprise/SCNG



- d) Skateboard City course

Figure 54 Skateboard Facility Image is property of Dugout Studios

Amenity Plan - Sheriff's Rodeo / Equestrian Center

Section E.4.1 Sheriffs Rodeo/ Equestrian Center

The Sheriff's Rodeo is a current concessionaire for the San Bernardino County Regional Parks with a desire to grow the current operation from one event per year to multiple events as well as provide facilities for equestrian events and a staging area for recreational horseback riding. With the Sheriff's Rodeo located directly across the street from Glen Helen Regional Park's main gate, the project has been evaluated as part of the overall master plan update.

The new program would include:

- a) Capacity (Anticipated)
 - i. Special event capacity 20,000 guests
 - ii. Average occupancy 80 to 100 guests
 - iii. Parking 2 to 1 ratio 50 parking stalls
 - iv. Staff on site 10 employees
- b) Equestrian facilities
 - i. 5 Horse stable buildings- 40 stalls each
 - ii. 3 Equestrian rings with stadium seating
 - iii. 1 Main arena with stadium seating
- c) Buildings
 - i. Operations office
 - ii. Ticketing office
 - iii. Restrooms
 - iv. Food service
 - v. Storage
- d) Unique Elements
 - i. On-site water features
 - ii. Connecting trails
- e) Parking
 - i. Onsite parking for 200
 - ii. Onsite trailer parking for 40
 - iii. Event parking in proposed flex space for 1500
 - iv. Large event parking to utilize shared parking fields within the overall parking master parking plan

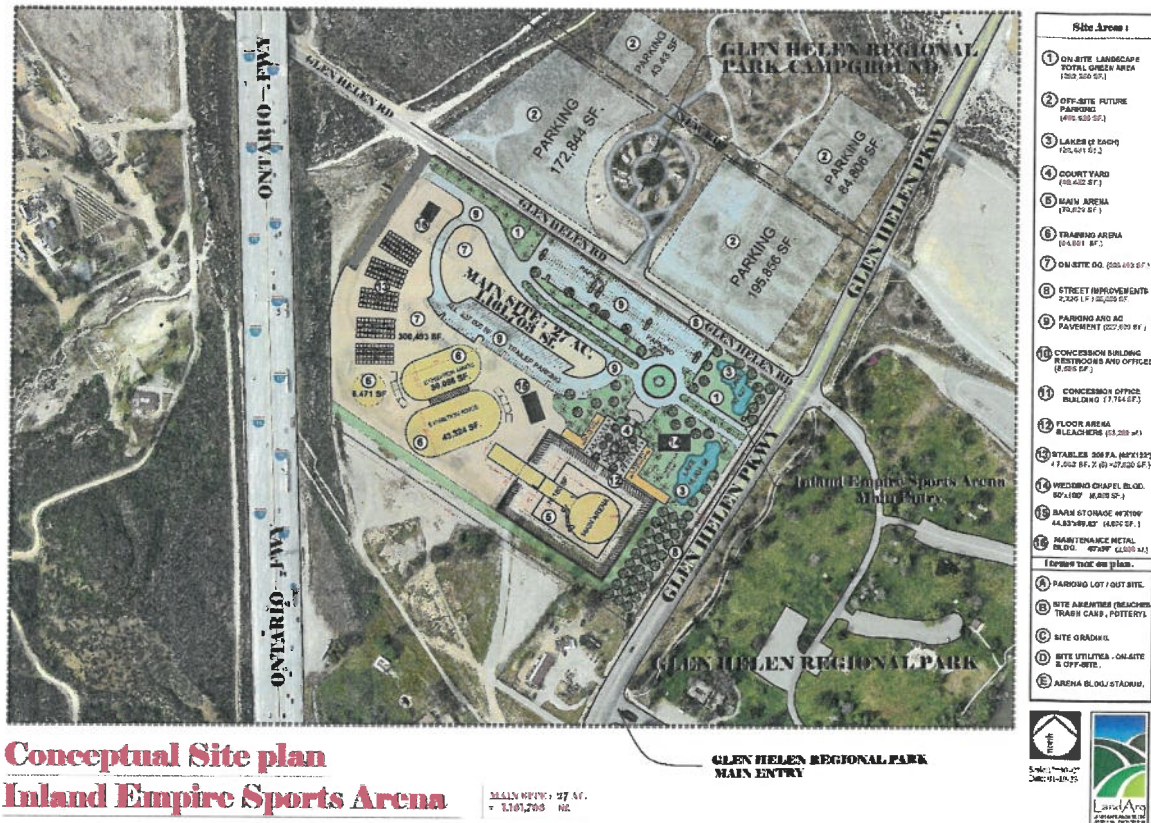


Figure 55 Image by Land ARQ

In the current design, the existing facility is demolished, and a new facility is constructed in its place with the additional land area.

Section E.4.2 Allocation of the land

The Sheriff's Rodeo is a current concessionaire with the San Bernardino County Regional Parks and has a current land allocated to this lease that is in effect until 2039. If the effort to build the new equestrian center progresses, the lease for the facility will need to be amended to include the adjacent land areas. The current parking field direct to the east of the current Sheriff's Rodeo site would need to be directly added as the area is needed to execute the current vision of the facility. In addition, special event parking would need to be contemplated on an as-needed basis.



Figure 56 Image from Google Earth Pro

Section E.4.3 Infrastructure

The infrastructure needed for the Equestrian center consists of water, sewer, power, as well as special event parking. With the extension of the water and sewer service down Glen Helen Parkway, the proposed Equestrian center will have an adequate capacity. The extension of the service lines should be included in the Equestrian center budget. A demand study should be completed to accurately identify the load cases.

Anticipated demand loads

	Water Service	Fire Service	Sewer Service	Power
Equestrian Center-Facilities	3" water at 125 GPM	6" water at 125 GPM	4" sewer at 240 GPM	2000 KVA at 240volts
Equestrian Center-Landscaping	2" water at 125 GPM			200KVA at 120volts

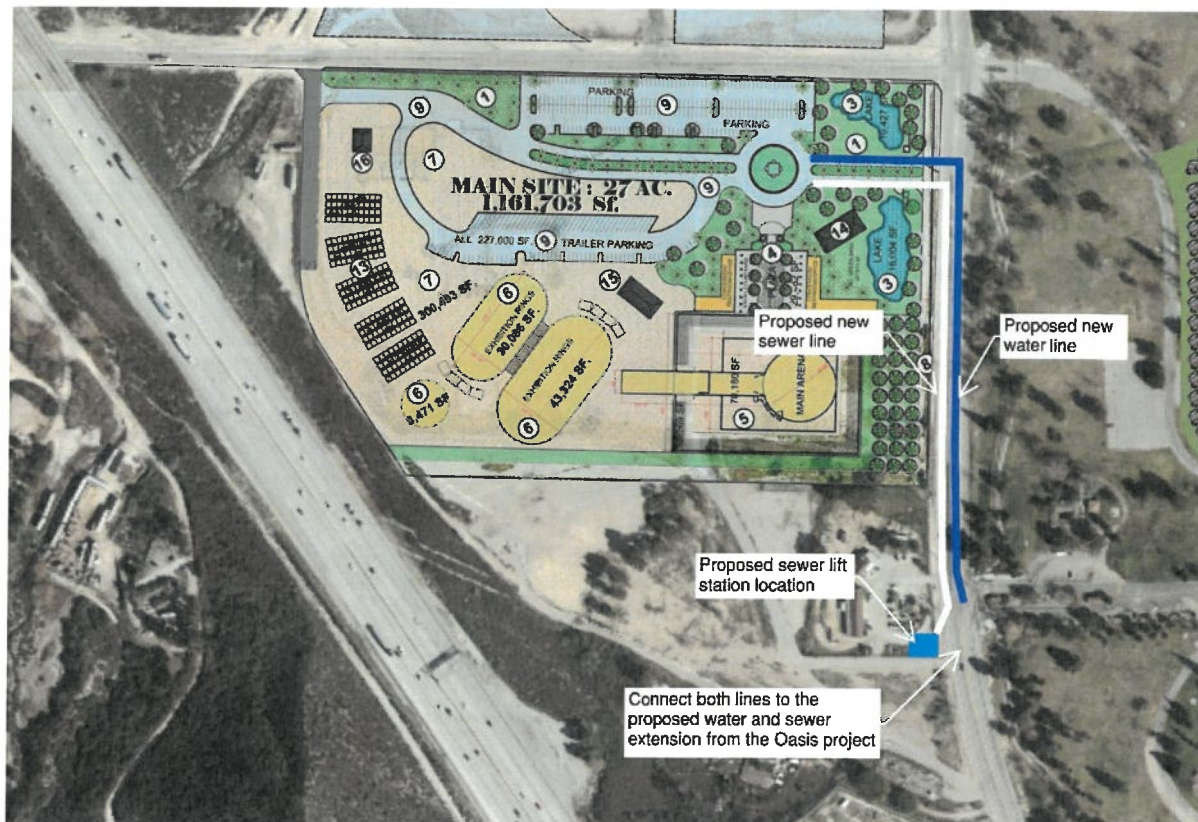


Figure 57 Image a combination of Google Earth and Land ARQ

Section E.4.5 Funding

The proposed Equestrian Facility is the vision of Seven Point Rodeo, the current concessionaire and is anticipated to be funded by their efforts. While there is a variety of funding vehicles, the County of San Bernardino will need to be involved in the process as this is leased land.

Section E.4.6 Development Plan

The development plan outlined is dependent on funding. To streamline the development process, this plan anticipates funding from the concessionaire and can be used as an example.

Development Exhibits are for reference and detail models need to be completed at time of execution:

- a) Overall cost including soft cost, construction cost and FFE
- b) Soft cost budget includes consultants and fees
- c) Construction budget includes anticipated construction cost based on cost per square foot
- d) Possible schedule set with a future start date

Section F

Realignment Plan - Overview

Section F.1 Parking fields

Section F.2 Glen Helen Amphitheater

Section F.3 Glen Helen Raceway

Section F.4 Trail system and conductivity

Section F.4.1 Developed Trail System

Section F.4.2 Undeveloped/Wilderness Trail System

Section F.4.3 Opportunities

Section F

Realignment Plan - Overview

Glen Helen Regional Park has evolved through the years and will continue to address the needs of the community today and into the future. In looking toward the future, a review of the existing facility was completed to identify the highest and best use of the existing amenities. With the implementation of the amenities outline in the 2024 Glen Helen Master Plan, this report aims to provide opportunities within the Glen Helen Regional Park boundary.

Potential opportunities include, but are not limited to the following:

- a) Parking fields
- b) Glen Helen Amphitheater
- c) Glen Helen Raceway
- d) Activity trails and conductivity

Section F.1 Parking fields

Parking at any facility is a concern and Glen Helen Regional Park is no different. Parking at a facility of this size and of diverse offering can be challenging as the guest typically visiting the facility would like to park near their activity area. In addition, large-scale events, while rare, need all the available parking the facility has to offer. Couple this with the construction of new amenities within the Glen Helen Regional park that will better utilize areas once parked on, a right sizing of events will needed to be considered.



Area	Per Area Square feet	# of Stalls Size 350 Square feet	Guest 2:1 Ratio	Guest 3:1 Ratio
A	640000	1829	3657	5486
B	310000	886	1771	2657
C	876000	2503	5006	7509
D	98000	280	560	840
E	580500	1659	3317	4976
F	418000	1194	2389	3583
Totals	2922500	8700	16702	25050

Parking field A

Parking field A is the largest parking area with an area of 640,000 square feet+/- and a capacity of over 1800 cars. This lot is an existing parking lot and currently in need of repair. The northern boundary is being eroded by the Glen Helen wash, the surface has deteriorated and needs to be replaced. In addition, a plan should be made to shore and secure the boundary of this lot against erosion for Cajon Wash

Parking field B

Parking field B is a large lot with an area of approximately 310,000 square feet and a capacity of over 880 cars. This lot is currently used for parking and needs resurfacing and there is limited lighting in this lot. In addition, a plan should be made to shore and secure the boundary of this lot against erosion for Cajon Wash



Figure 58 Parking fields A and B Image commissioned by Bergman Development Services

Parking field C

Parking area C is currently operated as the campground and an overflow parking lot for both the Sheriff's Rodeo and the Amphitheater. If camping is moved into the main park, the area could be used as flex space. This area is the largest at approximately 876,000 square feet and a parking capacity of 2500 stalls. The current condition of this lot is part full-service camping sites, part undeveloped camping sites and a large undeveloped area. The effort to turn this area into a parking field would depend on the level of finish desired ranging from leaving the existing finish to paving, installing lights and landscaping. Please see exhibit "I" for budget.



Figure 59 Pedestrian Bridge location

In an effort to provide a safe passage from the west side of Glen Helen Parkway, a pedestrian over crossing should be reviewed. This crossing would go between Glen Helen

Road and the trailhead at Glen Helen Park Road. A traffic signal should be studied for this location.

Parking field D

This area is an undeveloped lot that is currently used during the Sherriff's Rodeo and parking for the Amphitheater. This lot can be joined with Parking Field C, expanding the lot capacity by approximately 98,000 sqft and a parking capacity of 280 stalls. This lot should have the same finish as the adjacent lot C.

Parking field E

This area is an undeveloped lot that is currently used when the amphitheater has large events. At approximately 580500 square feet this lot has a capacity of 1659 stalls. With this lot an outlier from Glen Helen Regional Park, its use as a true overflow parking lot is critical as it provides additional capacity for large events. This lot should be connected via sidewalk to parking field C along the north side of Glen Helen Rd and street lighting installed for safety at a minimum.



Figure 60 Parking Fields C, D and E

Parking field F

Anticipating the new waterpark amenity, parking field F should be constructed with the waterpark and by the waterpark developer. The area dedicated to this lot is 418,000 square feet, with a capacity of approximately 1194 stalls. The fully improved lot should have night lighting and be connected to both the water park and the future adventure park.

A secondary lot should be constructed adjacent to parking field F to support waterpark employees during the waterpark operating season. This lot can then be used in the off-season to support the adventure park for both guests and staff. The lot is currently undeveloped land and would support approximately 120 stalls. Matching parking field F, the lot should be paved with lighting and have access to the waterpark and adventure park.



Figure 61 Parking Field F and staff parking

Section F.2 Glen Helen Amphitheater

Glen Helen Amphitheater was constructed in the early 1980's in an effort to provide a large outdoor concert experience supporting a trend in music festivals. Since the facility opened some of the largest music festivals have been held in the amphitheater that has an occupancy of 65,000 people. As with all market trends, world events have an impact on the music industry and specifically the festival industry. Most recently, the COVID-19 pandemic, rising costs, and low participation at these events have promoters looking to steaming events and other lower-cost opportunities, according to Greg Rosalsky in a recently published article on the NPR.org website.

In reviewing a partial list of outdoor amphitheaters in the United States, per Exhibit K, a recent Wikipedia list, the average amphitheater is currently 10,640 seats, and local market reports that Southern California could possibly support a facility with approximately 30,000-person occupancy. It would be advised that a specific feasibility study be conducted to determine the proper size for Glen Helen Amphitheater based on demand

While Glen Helen Amphitheater is a facility that does not rely on Glen Helen Regional Park for much support, except for parking, the permanent facilities are not sufficient in their current form to support large events. Due to the facility demand during events, a large number of portable restrooms are needed to accommodate the occupancy. While this report recommends an upgrade to the Glen Helen Regional Park water and sewer system, the current system does not have the capacity to add additional restroom facilities.

As Glen Helen Regional Park enhances the existing amenities and adds new ones, land use preference should be given to highest and best uses. To support these uses, areas that are underutilized will be repositioned, and other areas can be reutilized into support uses such

as parking. During the rare events in which the Amphitheater is near capacity, parking dominates the day-use areas of the Regional Park. With the loss of parking area for rare events, the maximum occupancy of the amphitheater will need to be considered.



Area	Per area square feet	# of Stalls Size 350 square feet	Guest 2:1 Ratio	Guest 3:1 Ratio
A	640000	1829	3657	5486
B	310000	886	1771	2657
C	876000	2503	5006	7509
D	98000	280	560	840
E	580500	1659	3317	4976
F	418000	1194	2389	3583
Totals	2922500	8700	16702	25050

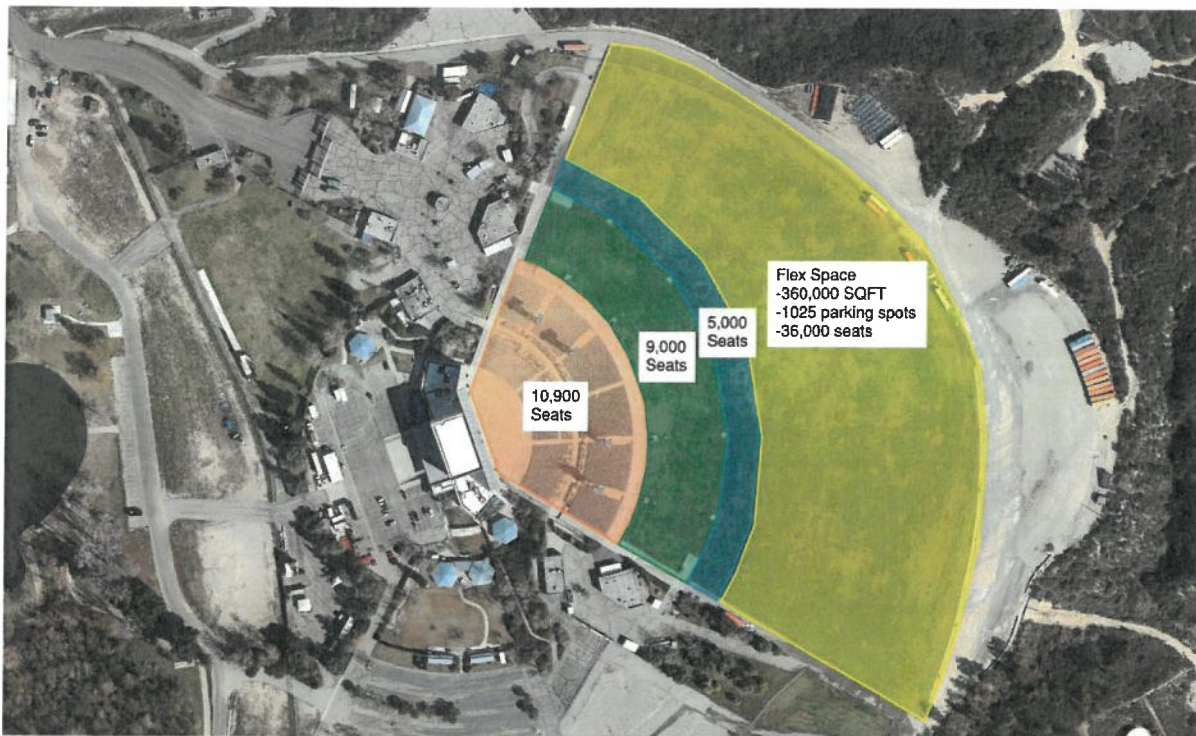


Figure 62 Amphitheater possible sections Image commissioned by Bergman Development Services

With a fixed seating section and limited boxes, the majority of the seating at the amphitheater relies on a large grass section. With a decrease in parking, the large grass section could be repurposed into a variety of different uses:

- a) Flex space- used as needed for the event or events on-site
 - a. Additional amphitheater parking (Approximately 1025 parking spaces at 350 per stall)
 - b. Additional seating (Approximately 36,000 people)
 - c. Stage area for music festivals
 - d. Camping for music festivals
- b) Fixed Parking
 - a. The area can be paved for parking, accommodating up to 1025 parking stalls
- c) Executive box space
 - a. Section B or C could be re-constructed into executive boxes for events providing a level of comfort not currently available.
 - b. Section D would then become preferred parking
- d) Fixed seating
 - a. Section B could be fixed seating
 - b. Section C could be re-constructed into executive boxes for events providing a level of comfort not currently available.
 - c. Section D would then become preferred parking

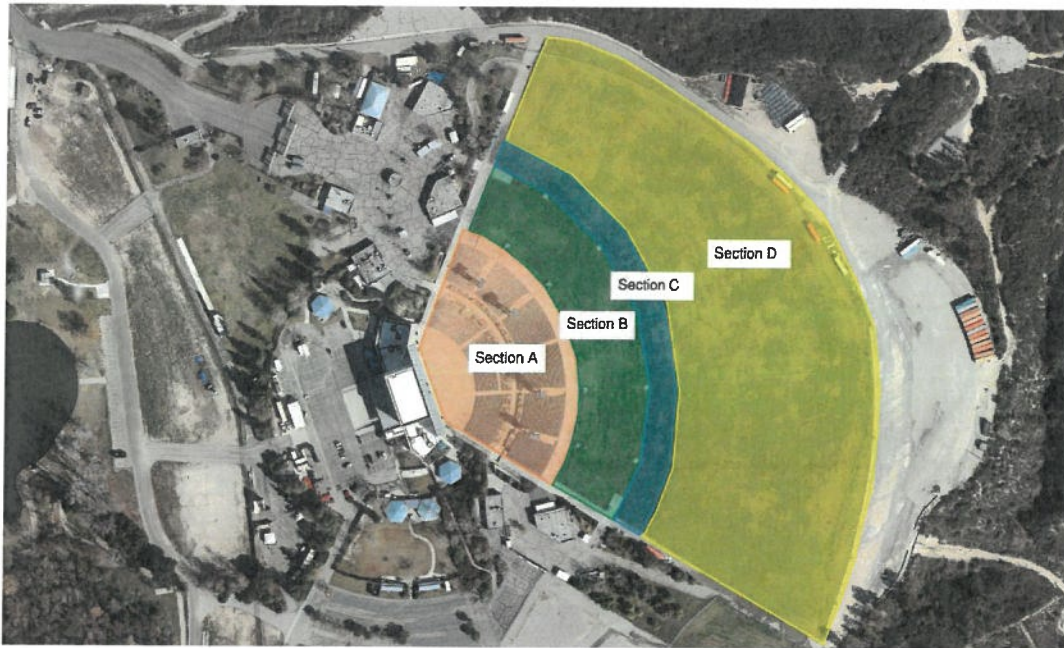


Figure 63 Amphitheater possible sections Image commissioned by Bergman Development Services

A reimagined Glen Helen Amphitheater would have a lasting impact not only on the park, but area traffic, as well. While the facility rarely draws a crowd of 60,000, the large crowds do affect the local traffic. One of the major concerns of local residents and patrons of the amphitheater is traffic and the wait times to both enter and exit the facility. By lowering occupancy, the amphitheater is addressing the concerns of the local community.

Section F.3 Glen Helen Raceway

Established in 1985, Glen Helen Raceway is a fixture of offroad racing, providing excitement for fans of all ages and a challenging experience for racers. The track has operated continuously and provides one of the only racetracks for motocross and off-road racing vehicles in Southern California. This self-contained facility includes:

- a) Check-in building and offices
- b) Pit facilities
- c) Five racetracks
 - a. National Track
 - b. Arroyo Vet Track
 - c. E-bike/Peewee track
 - d. Stacyc Track
 - e. Short Course Truck track
- d) Restrooms
- e) Snack bar

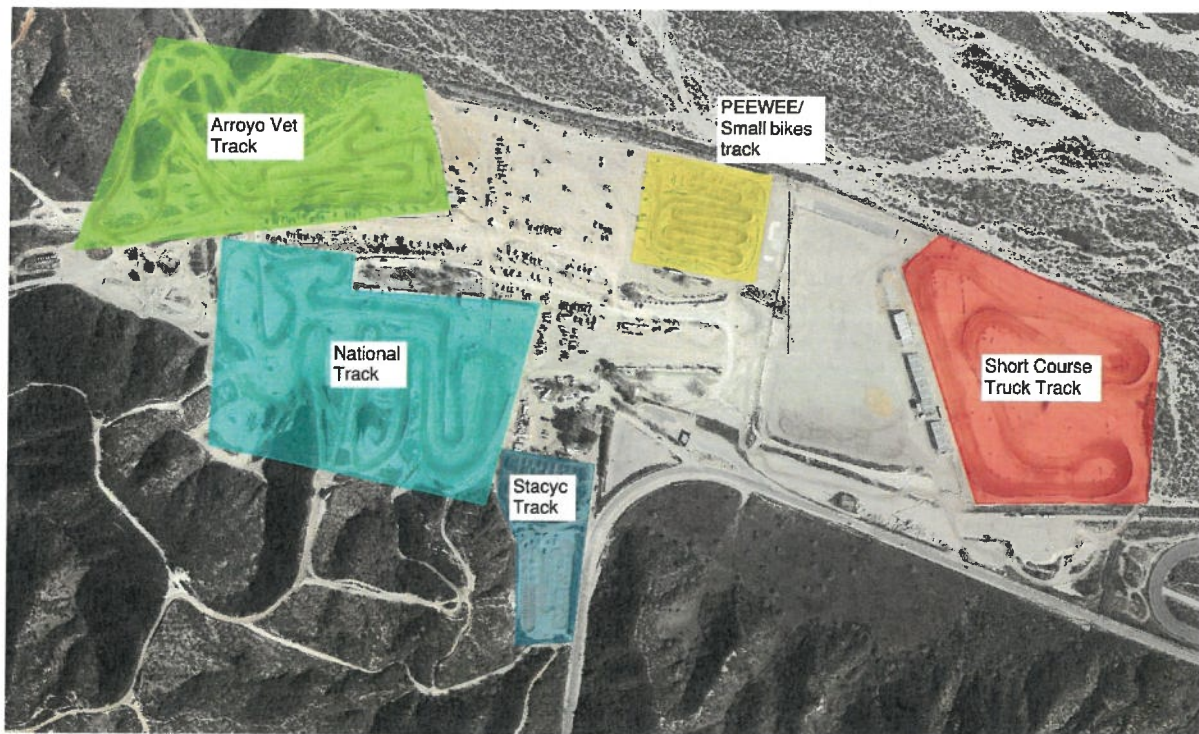


Figure 64 Glen Helen Raceway Tracks Image commissioned by Bergman Development Services

The Track hosts a variety of local and national race events and is busy most weekdays with practice events. The events draw large crowds and a large number of national racers. While most of the racing events occur on the Glen Helen Raceway lease area, 24hr endurance races take place incorporating the hiking trail requiring the closure of the Glen Helen Park trail system during these events.

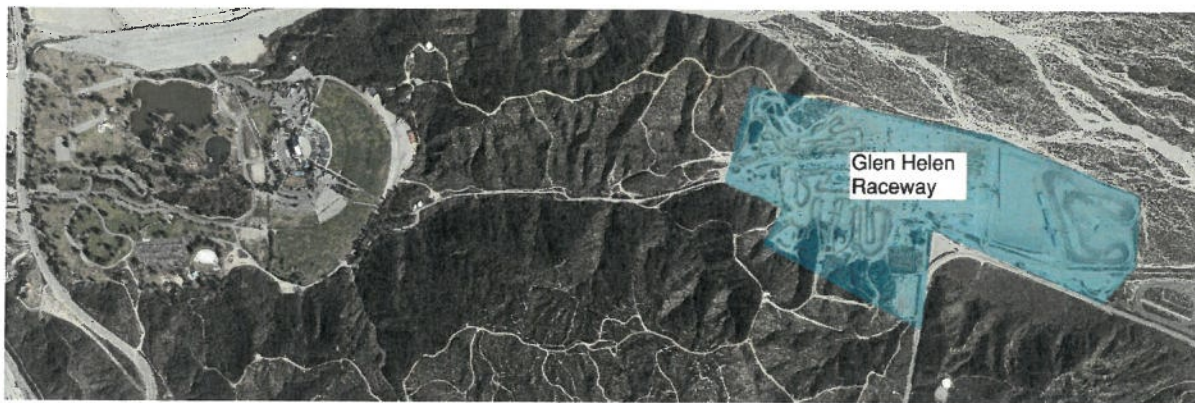
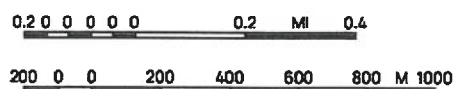
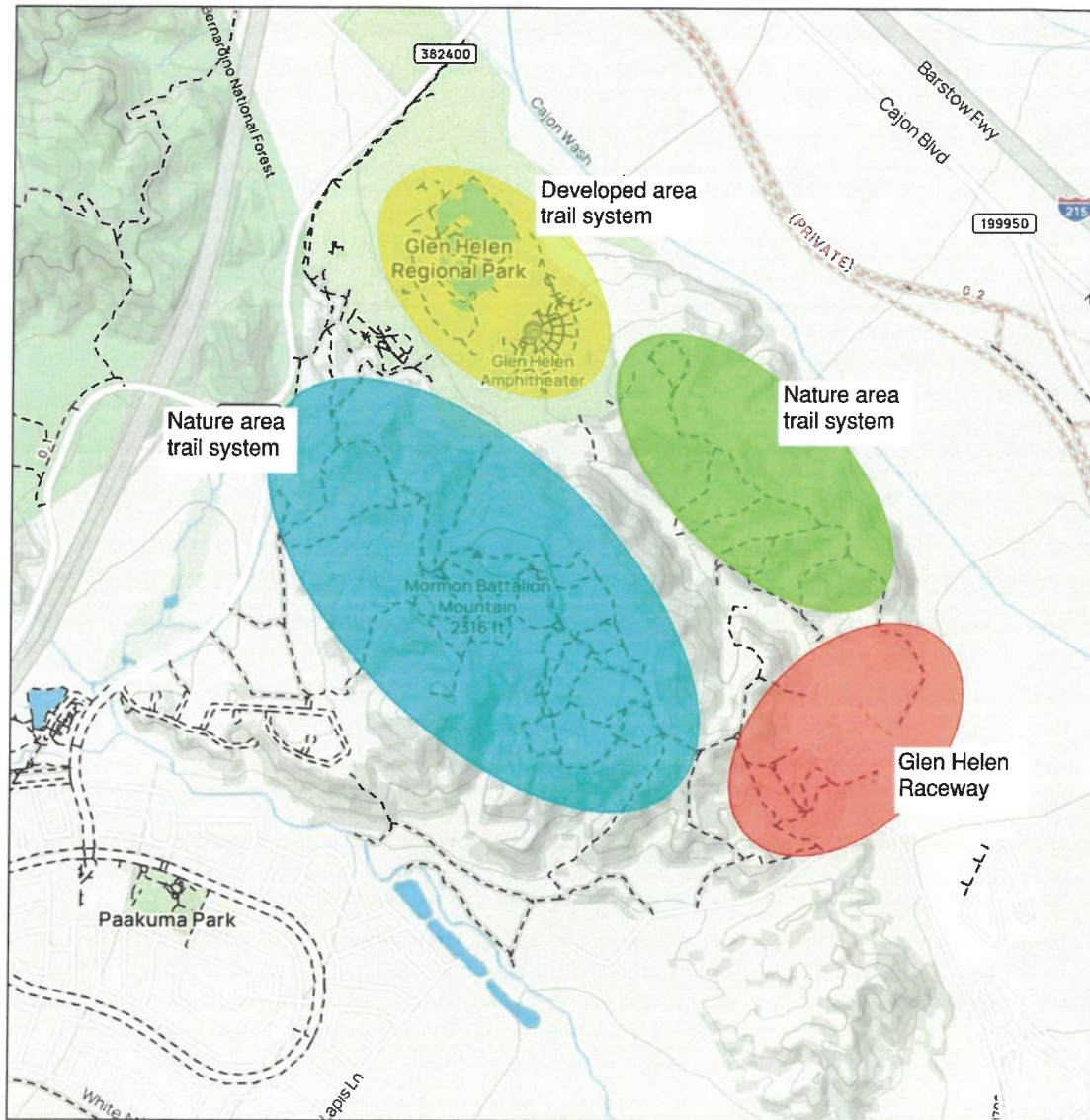


Figure 65 Glen Helen Raceway location Image commissioned by Bergman Development Services

Glen Helen Raceway is a concessionaire to San Bernadino County with a current lease that expires at the end of 2037. This lease area includes parking to support the Glen Helen Raceway activities. There are currently no plans to enhance the Glen Helen Raceway.

Section F.4 Trail system and conductivity

With the realignment of Glen Helen Regional Park, the existing trail system will need to be reviewed and evaluated, with the addition of each amenity. The trail system is divided into two distinct areas: developed area trails and undeveloped or nature area trails.

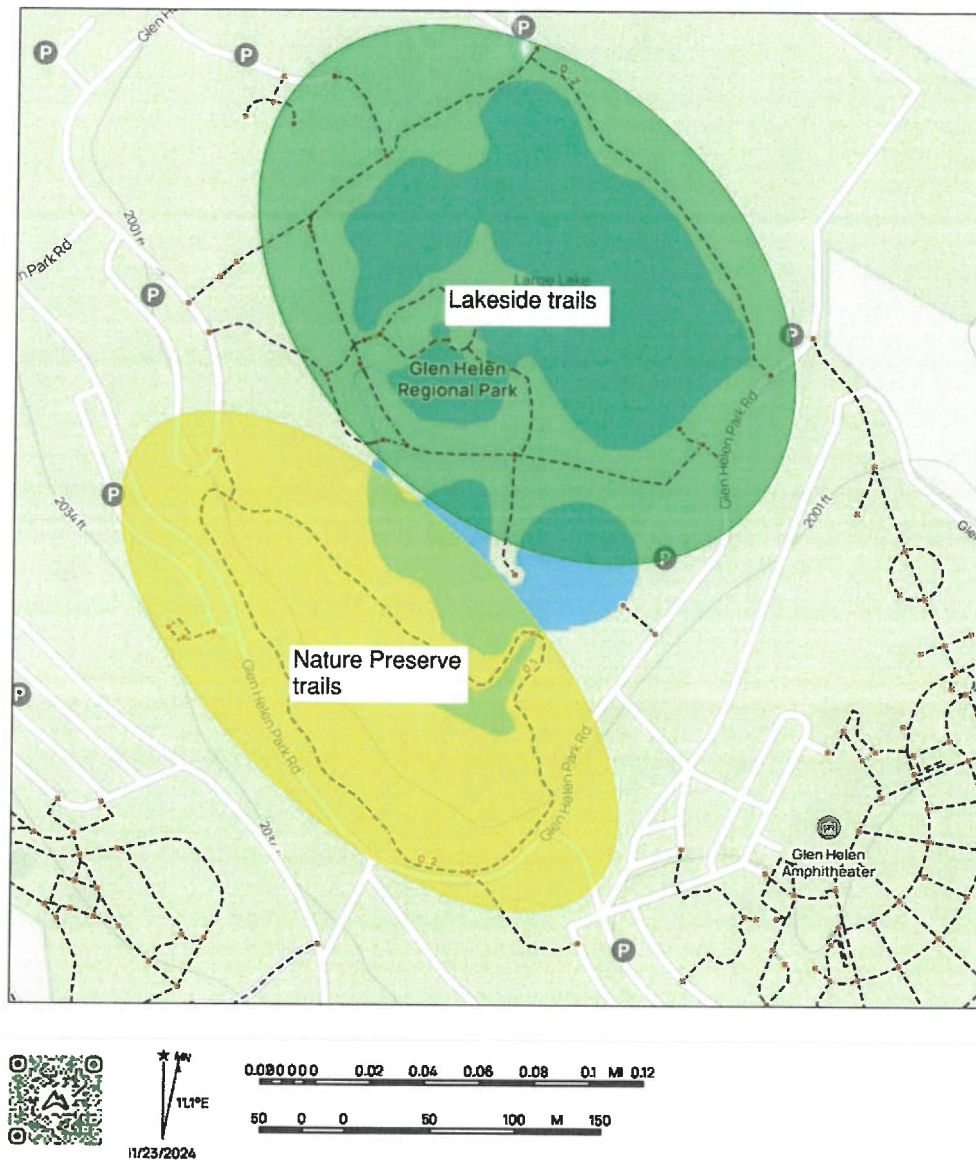


San Bernardino, CA
Figure 66 Overall Trail Map from ALLTrails Website



Section F.4.1 Developed Trail System

The developed area trails center around moving people within the park from different activity areas, primarily around the lake system and the nature preserve. These trails connect parking areas and restrooms with fishing locations around the lake and a clear trail around the nature preserve area.



San Bernardino, CA

AllTrails

Figure 67 Developed area Trails Map from AllTrails