



Carr Park

Conceptual Plan

August 6, 2024

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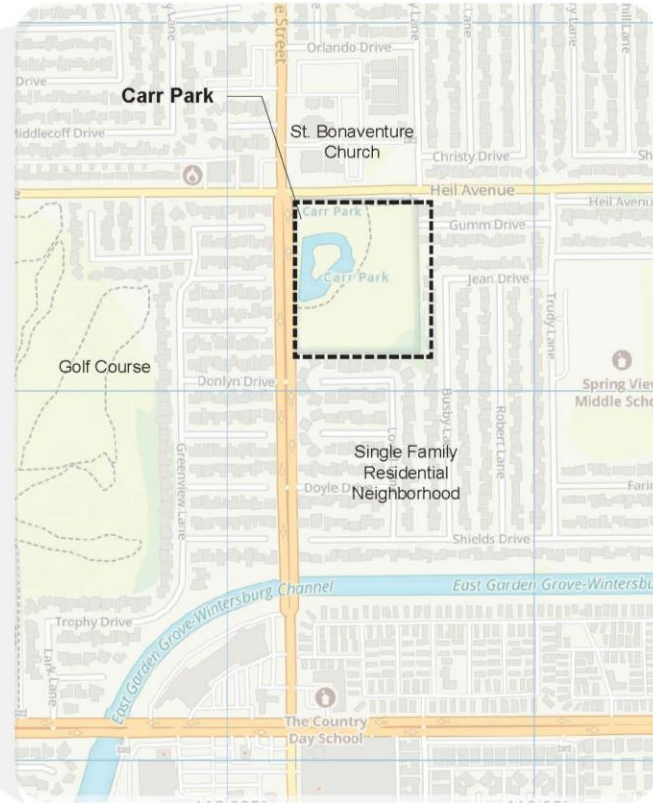
7 | Biological Study & Lake Improvements

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Project Location



APPROXIMATELY 10.7 ACRES



Project Site



Project Progress

Project Initiated

March 2023 – Completed

Community Outreach Meeting No. 1

May 2023 – Completed

Virtual Survey No. 1

June 2023 – Completed

Huntington Beach Fishing and Recreation Club Stakeholder Meeting

June 2023 – Completed

California Department of Fish and Wildlife Stakeholder Meeting

June 2023 – Completed

2-Concept Options Development

June/July 2023 – Completed

Community Outreach Meeting No. 2

July 2023 – Completed

Follow-up Stakeholder Meetings

August/September 2023 – Completed

Proposed Concept Plan Development

August/September 2023 – Completed

Environmental Study

February-April 2024 – Completed

Community & Library Services Commission

June 12, 2024



Community Outreach Meeting and Survey No. 1

OUTREACH MEETING SUMMARY NO. 1

Approximately 50 community members were in attendance on May 17, 2023

- Community introduction to project
- Site walk around the park to discuss different issues
- Brief discussion/presentation from the design team on challenges with the lake
- Collaborative design discussion/charrette where feedback was collected

VIRTUAL SURVEY SUMMARY NO. 1

A total of 213 virtual surveys open from May 18 to June 1, 2023

- Most respondents are long-time Huntington Beach residents, primarily seniors (aged 55+) (47%)
- Most respondents do not visit the park often (41%) and tend to stay for less than an hour (68%)
- Visitors engage in various activities, including being with kids, walking dogs, alone time, exercise, and relaxation



tinyurl.com/carr-park

VISIT THE PROJECT WEBSITE FOR UPDATES AND STATUS ON THE CONCEPT PLAN DEVELOPMENT FOR CARR PARK



Community Outreach Meeting and Survey No. 2

OUTREACH MEETING SUMMARY NO. 2

- Over 20 residents were in attendance on July 20, 2023
- Presented two concept designs
- Open discussion to provide feedback and input on the concept designs

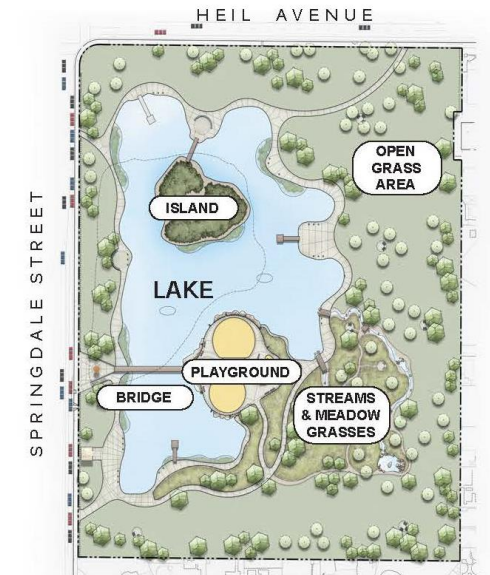
VIRTUAL SURVEY SUMMARY NO. 2

A total of 52 responses were collected while the survey was open from July 21 to August 4, 2023

- Option Preference
 - 55.8% - Option A
 - 32.7% - Option B
 - 9.7% - “Other”
- Lake Preference
 - 55.8% - Keep an island
 - 40.4% - No island
 - 4% - “Other”



OPTION A



OPTION B



Stakeholder Meetings

HUNTINGTON BEACH FISHING AND RECREATION GROUP MEETINGS

- Hosts annual fishing events at the park in May with 60-70 kids from schools across the City in attendance
- Highest priority is improving the quality of the lake
- Would prefer the island to be removed
- Works in collaboration with the CA Department of Fish & Wildlife and HB Police Department during events
- Would like better access into the park for events, with potential event space

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE MEETINGS

- Evaluation of existing bird habitat and mitigation measures will be conducted during project environmental review. Will be reviewed by the departments Habitat Conservation Department
- Department has resources for educating the public on bird feeding issue
- Reviewed proposed concept plan, and are in support of removal of island and expansion of lake

HUNTINGTON BEACH POLICE DEPARTMENT

- Better Crime Prevention Through Environmental Design (CPTED) principals for security



Biological Study

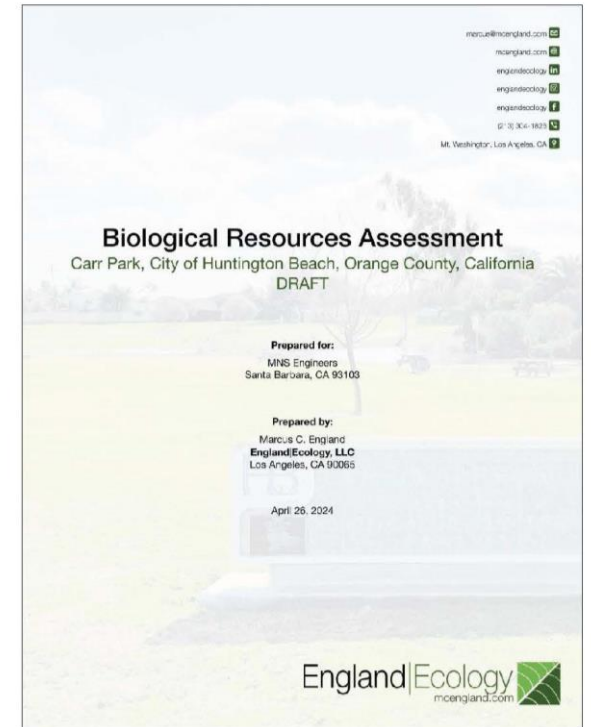
The CA Department of Fish and Wildlife recommended a biological survey be conducted at Carr Park to assess the impact of proposed improvements on special bird species and vegetation.

Methods

- Desktop Review
- Field Survey

Results

- The proposed Project will not have significant direct, indirect, or cumulative effects on candidate, sensitive, or special status species.
- The proposed Project will not have significant direct, indirect, or cumulative effects on riparian habitat or other sensitive natural communities.
- The proposed Project will not have significant direct, indirect, or cumulative effects on wildlife movement.
- No aspect of Project implementation would be expected to have significant adverse effects on sensitive communities or special status flora or fauna.
- Recommendation for a pre-construction survey for nesting birds by a qualified biologist to take place within 300 feet of all project areas within one week of commencement of project construction, if construction occurs during nesting season (typically February 1 to August 31).



Report prepared by England Ecology, LLC
under MNS Engineers.

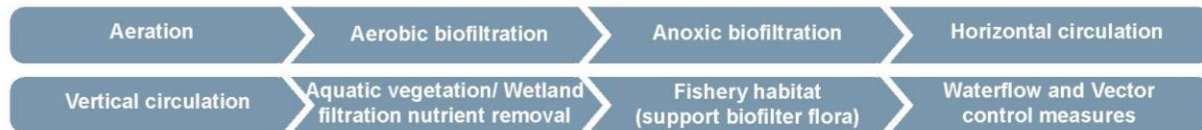
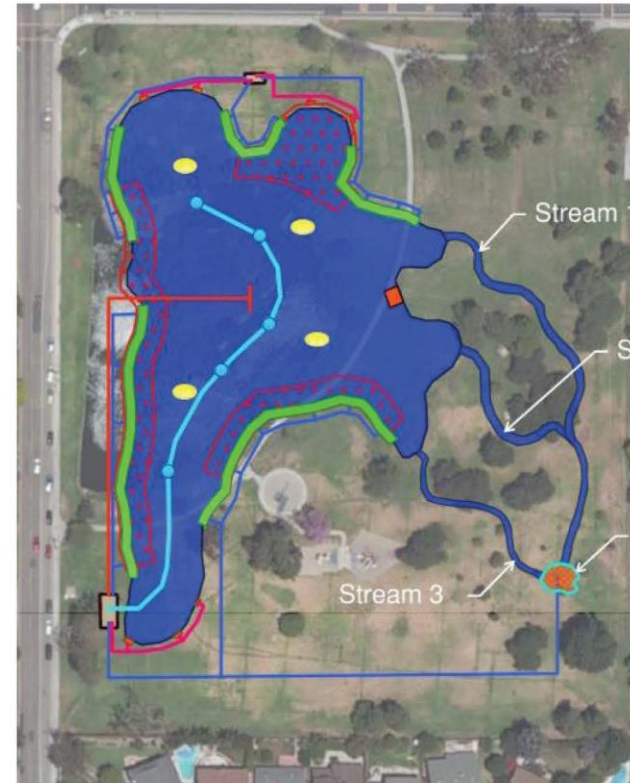


Lake Improvements

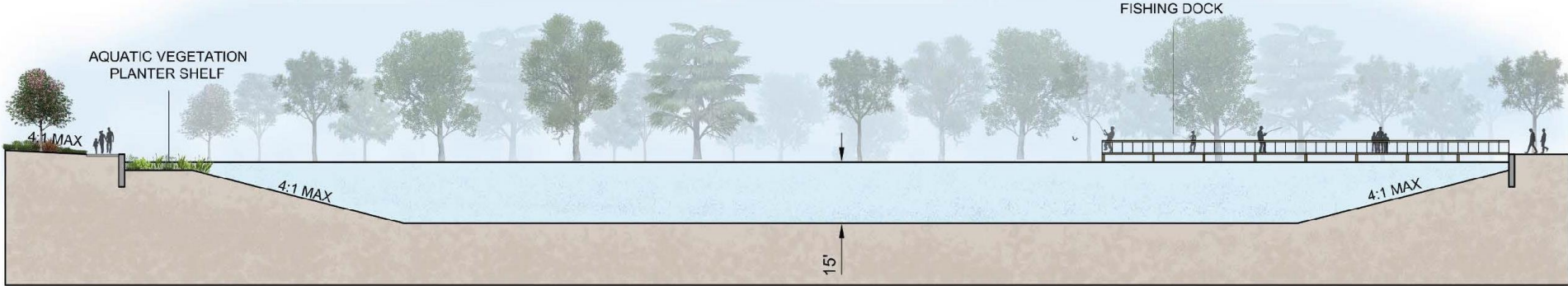
The following are items that will improve lake quality, help alleviate the bird waste problem and initiate a 'reset' to provide a healthy lake for long term use and enjoyment of the community.

Solutions
Information kiosks /signage
Adjust lake boundary to increase distance from road
Promote natural predation of waterfowl by supporting owl populations - owl box(s)
Remove island
Make lake larger
Provide increased aeration
Provide biological treatment - aerobic and anoxic
Increase lake circulation
Introduce recirculating streams to the lake/park
Provide rooted vascular vegetation
Provide natural predation of vector by supporting mosquito eating fish, insects, birds, and bats
Improve fishing/angling - enhance fish habitat - enhance fish breeding/spawning habitat - provide artificial reefs - provide a fishing dock(s) - create customized fish stocking plan

- Proposed Lake Footprint
- Fish Spawning Habitat
- Aquatic Veg Planter
- Artificial Reefs
- Aeration Pod
- Recirculating Stream 1
- Recirculating Stream 2
- Recirculating Stream 3
- Skimmers
- Pump Station Vault
- Head Pond/Biofilter
- Fishing Dock
- Large Pump Intake
- Intake Line
- Aeration Tubing
- Discharge Line



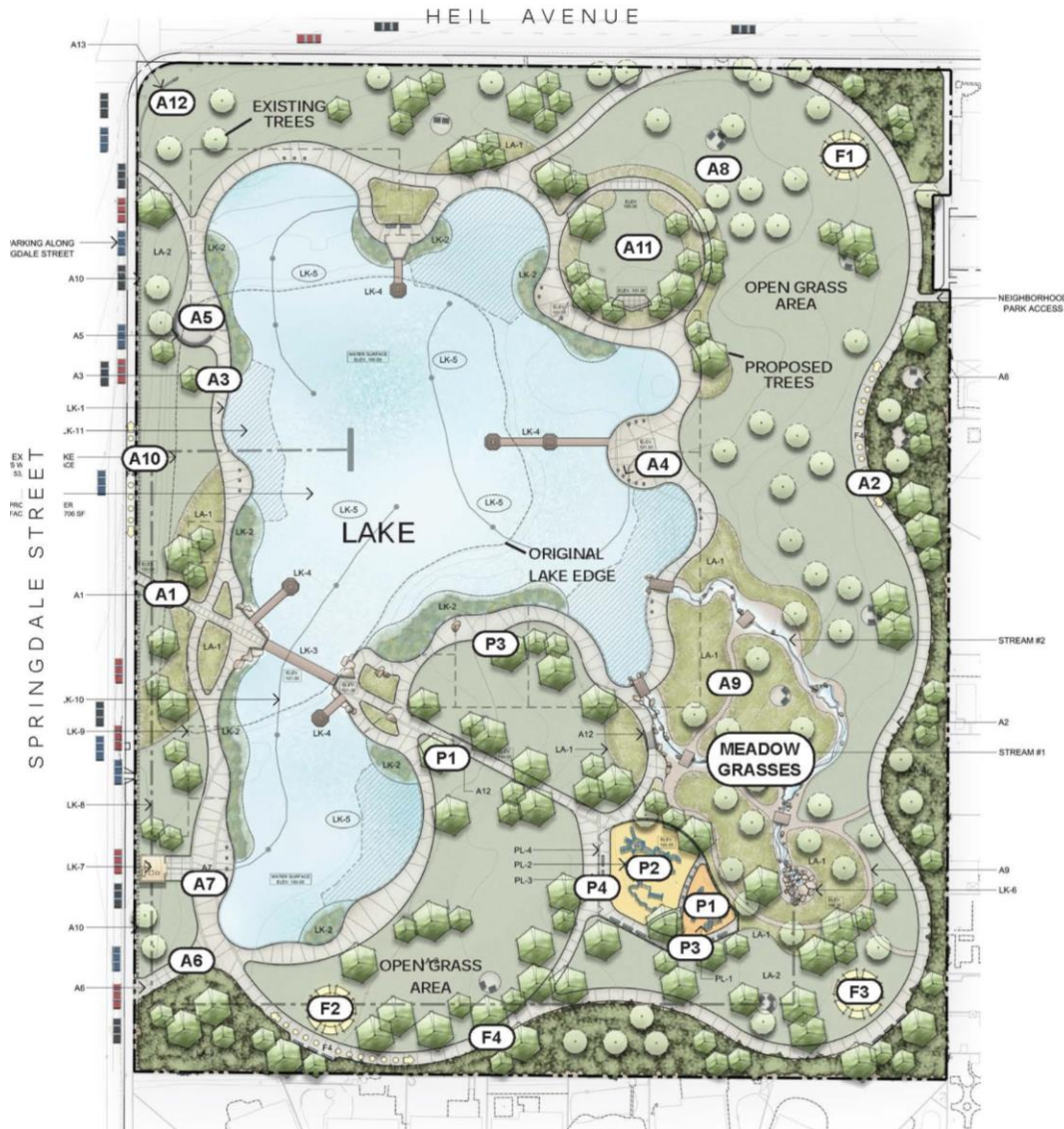
Lake Improvements: Biological Treatment



ELEVATION 'D'
LAKE IMPROVEMENTS



Proposed Concept



LEGEND

AMENITIES

- (A1) INFORMATION KIOSK
- (A2) PAVED WALKWAY, 10' wide (ADA COMPLIANT)
- (A3) ACCESSIBLE WALK ALONG LAKE'S PERIMETER
- (A4) LAKESIDE SEAT BLOCKS
- (A5) SEAT WALL
- (A6) VEHICLE ACCESS DRIVE
- (A7) PAVED SPACE TO ACCOMMODATE LAKE & PARK SERVICE VEHICLES FOR MAINTENANCE AND PARK EVENTS
- (A8) SEATING, LOUNGING & SOCIALIZING SPACE
- (A9) MEANDERING TRAIL (DECOMPOSED GRANITE SURFACE)
- (A10) BARRIER FENCE BETWEEN STREET AND LAKE OFF SPRINGDALE STREET
- (A11) OUTDOOR SPACE FOR COMMUNITY EVENTS
- (A12) MONUMENT COLUMN W/ CHRIS CARR MEMORIAL PLAQUE

PLAYGROUNDS

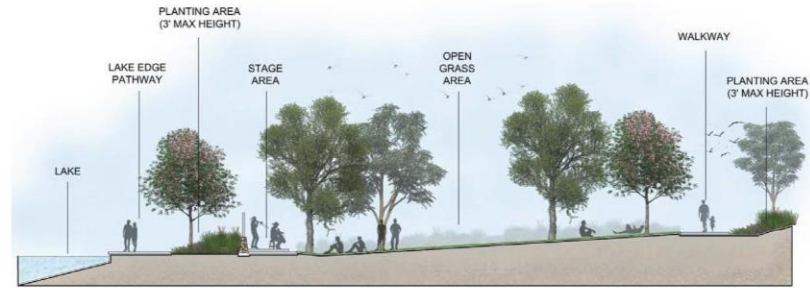
- (P1) CHILDREN PLAYGROUND (AGES 2-5)
- (P2) CHILDREN PLAYGROUND (AGES 5-12)
- (P3) PLAYGROUND BARRIER FENCING AND CONTROLLED ENTRY
- (P4) PLAYGROUND SEATING

FITNESS STATIONS

- (F1) FITNESS STATIONS - AREA 1
- (F2) FITNESS STATIONS - AREA 2
- (F3) FITNESS STATIONS - AREA 3
- (F4) PERIMETER WALKING & EXERCISE PATH - 1/2



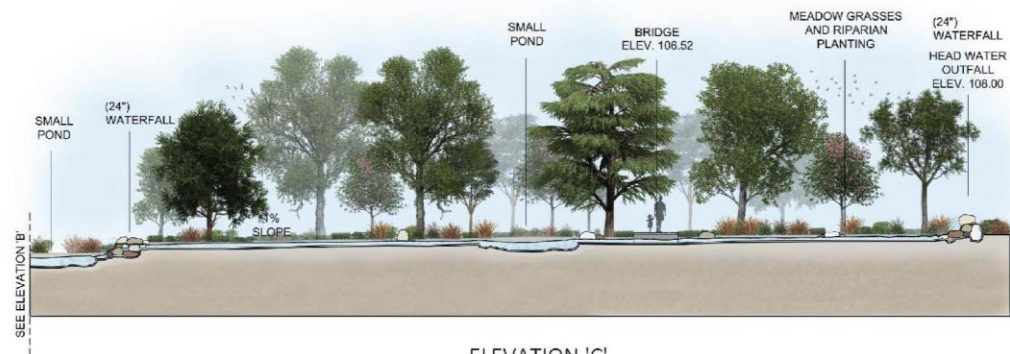
Elevations



ELEVATION 'A'
STAGE AREA FOR COMMUNITY EVENTS



ELEVATION 'B'
RE-CIRCULATING STREAM #1: SMALL POND TO LAKE EDGE



ELEVATION 'C'
RE-CIRCULATING STREAM #1: HEAD WATER TO SMALL POND



Funding

Initial funding in the amount of \$100,000 in FY 2021/22 and \$325,000 in FY 2022/23 totaling \$425,000 has been included in the City's Capital Improvement Program (CIP) for Carr Park conceptual design services, including the preparation of plans and specifications.

To date, there is a remaining balance of \$336,113 to continue into the next phase of design.

Staff will seek out stormwater grant opportunities to offset construction costs.



Recommended Action

Approve the conceptual plan for Carr Park reconfiguration and authorize staff to move forward with initiating the development of design and bid package for construction of the updated facility.



Questions?

