

# Hollenbeck Park Lake Rehabilitation and Stormwater Management Project



March 15, 2021

City of Los Angeles Proposition O

Citizen's Oversight Advisory Committee



# Hollenbeck Park Lake

- 4-acre lake
- Man-made lake created in 1892.
- Located in Boyle Heights community of Council District 14 - a Disadvantage Community
- Tributary to and discharges into LA River



# Issues and Concerns

- Frequent algae blooms causing odor and aesthetics problems
- Eroded shoreline
- History of poor water quality due to nutrient and sediment loading



# Goals and Objective

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- Improve the Lake's water quality and the watershed
  - Control of algae in the lake and improve water quality
  - Provide a long-term solution to erosion around the lake's shoreline
- Provide treatment and management of the watershed dry weather flow
- Assess alternate sources of water to replace 50 ac-ft (16 million gallons) annual potable water used at Hollenbeck Park
  - Dry-Weather and Wet-Weather Flow Diversion



# Proposed Improvements

- Shoreline wetland and walkway improvements
- Dewatering/Mechanical dredging and lining to stop leakage
- Landscaping and irrigation efficiency
- Treating lake water for the park irrigation if feasible



# Proposed Stormwater Management

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- Divert runoff from City, County and Caltrans to be treated by the natural treatment system in the lake
- Maintain the existing lake outlet structure for high flows



# Next Steps

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- Secure Funding for Construction (in-process)
  - Partnering with Caltrans
- Environmental Documentation (in-process)
  - CEQA Initial Study/Mitigated Negative Declaration
  - NEPA Categorical Exclusion (required by Caltrans due to Federal Highway Administration funding)
  - Special Studies report
  - Water Quality report
  - Hydraulic/Hydrologic and Water Balance report



# Project schedule completion

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- Environmental Documents:
  - CEQA November 2021
  - NEPA April 2022
- Preliminary and Final Design - April 2023
- Bidding and Construction - October 2024
- Optimization - October 2027





# Project funding

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- Project Estimated Cost: \$30 Million
- Funds NOT Secured
- Potential Funding Sources
  - LA City Prop O .....up to \$15 M
  - Safe Clean Water Program.....up to \$30 M
  - Caltrans.....up to \$15 M



# Questions and Comments

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