

**Measure W – Safe, Clean Water Program  
Administrative Oversight Committee (AOC)**

Thursday, February 25, 2020

Members Present: Richard H. Llewellyn, Jr., City Administrative Officer, Chair (CAO)  
Matias Farfan, Chief Legislative Analyst (CLA)  
Barbara Romero, Office of the Mayor (MO)

Staff Present: Sarai Bhaga, City Administrative Office (CAO)  
Jessica Quach, City Administrative Office (CAO)  
Rafael Prieto, Chief Legislative Office (CLA)

The meeting was called to order at 3:02PM.

1. General Public Comment, Multiple Agenda Item Comment

Public comment held.

2. Approval of the Minutes from prior meeting on December 17, 2020

**Action:** Approved

3. Status Update

Staff from the Bureau of Sanitation (Bureau) gave updates for both the Municipal and Regional programs. The County of Los Angeles (County) disbursed \$35.9 million for the Municipal program. The Municipal Annual Plan for Fiscal Year 2021-22 is due to the County by April 1, 2021. Round 1 transfer agreements, totaling \$48.3 million, are expected to be heard at the Energy, Climate Change, Environmental Justice and River committee on March 4, 2021. Expected disbursement from the County is May 2021. This amount does not include projects approved for the Los Angeles Department of Water and Power (LADWP). Round 2 Regional projects are currently under consideration by the County.

The committee discussed improvements to status reports. The Bureau is to report back on all Regional Round 1 and 2 projects, disbursement timelines, and local commitment amounts. LADWP is to present on their projects at future meeting.

**Action:** No action.

4. Discussion and Possible Action: Regional Program – Round 3 Call for Projects

Staff from the Bureau presented on the proposed Round 3 regional projects.

Upper Los Angeles River Watershed:

- Hollenbeck Park – This project's scope is still being determined. Possible scope elements include lake aeration and recirculation, dredging, edge replacement, and green streets surrounding the park. Possible additional funding sources include CalTrans and Proposition O. Estimated cost is \$25-30 million.
- LA River Segment E, 9 LFDs – This is a combination of nine low flow diversion projects that are being bundled into one project application. Estimated cost is \$34.2 million.

- Echo Park O&M – This application will be for the full five years of operations and maintenance for a cost of \$2 million.

Central Santa Monica Bay:

- Angeles-Mesa Green Street Network Project – Green street infrastructure. Estimated cost is \$6-8 million.

South Santa Monica Bay:

- Wilmington Anaheim Green Street Project – Green street infrastructure. Estimated cost is \$4-6 million.
- Machado Lake O&M – This application will be for the full five years of operations and maintenance for a cost of \$4 million.

**Action:** Approved with report back on any projects whose scopes are not fully determined, other funding sources for leverage and possible LADWP projects.

5. Discussion and Possible Action: Committee organizational matters, as necessary

The committee discussed moving the meeting time to 11am, which will be agendized during the next meeting.

**Action:** No action.

Meeting adjourned at 4:01PM

# Measure W: Safe Clean Water Program

Item #3



**LA Sanitation & Environment  
Update – March 25, 2021**

**Enrique C. Zaldivar, P.E.**  
*Director and General Manager  
LA Sanitation & Environment*



# Safe Clean Water Program: Transfer Agreements

## Municipal Transfer Agreement

- April 1, 2021: LASAN to submit FY 21/22 Municipal Annual Budget.
- Aug 2021: FY 21/22 Funding from LA County.

## Rd 1 Regional Transfer Agreements

- Separate transfer agreement for each regional project approved to receive an annual disbursement of funds.
- ECCEJR approved CAO Rpt on March 18<sup>th</sup>.
- Upon approval, LASAN will submit transfer agreements and scope of work to County.
- Funding by County ~ May 2021.

# FY 20/21 (Regional Rd 1 Projects)



## Central Santa Monica Bay (CSMB)

Project	CD	Total Project Cost	Total Funding Requested	Matching	FY20-21 (Round 1)	FY21-22 (Round 2)	FY22-23 (Round 3)	FY23-24 (Round 4)	FY24-25 (Round 5)
MacArthur Lake Rehabilitation Project	1	\$ 20,043,718	\$ 20,043,718	\$ -	\$ 2,000,000	\$ 2,000,000	\$ 9,397,900	\$ 4,697,900	\$ 1,947,918
				<b>Total Ask</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>	<b>\$ 9,397,900</b>	<b>\$ 4,697,900</b>	<b>\$ 1,947,918</b>

## South Santa Monica Bay (SSMB)

Project	CD	Total Project Cost	Total Funding Requested	Matching	FY20-21 (Round 1)	FY21-22 (Round 2)	FY22-23 (Round 3)	FY23-24 (Round 4)	FY24-25 (Round 5)
Wilmington Q Street Local Area Urban Flow Management Project (LASAN)	15	\$ 4,923,700	\$ 4,923,700	\$ -	\$ 2,668,325	\$ 2,255,375	\$ -	\$ -	\$ -
Recalculation of Wet Weather Zinc Criterion (LASAN)	VR	\$ 57,886	\$ 57,886	\$ -	\$ 14,471	\$ 23,154	\$ 20,261	\$ -	\$ -
				<b>Total Ask</b>	<b>\$ 2,682,796</b>	<b>\$ 2,278,529</b>	<b>\$ 20,261</b>	<b>\$ -</b>	<b>\$ -</b>

# FY 20/21 (Regional Rd 1 Projects)



Upper Los Angeles River (ULAR)									
Project	CD	Total Project Cost	Total Funding Requested	Matching	FY20-21 (Round 1)	FY21-22 (Round 2)	FY22-23 (Round 3)	FY23-24 (Round 4)	FY24-25 (Round 5)
Lankershim Boulevard Local Area Urban Flow Management Network Project (LASAN)	2, 6	\$ 25,696,900	\$ 25,696,900	\$ -	\$ 5,139,380	\$ 5,139,380	\$ 5,139,380	\$ 5,139,380	\$ 5,139,380
Oro Vista Local Area Urban Flow Management Project (LASAN)	7	\$ 10,590,600	\$ 10,590,600	\$ -	\$ 2,118,120	\$ 2,118,120	\$ 2,118,120	\$ 2,118,120	\$ 2,118,120
Echo Park Lake O&M (LASAN)	13	\$ 400,000	\$ 400,000	\$ -	\$ 400,000	\$ -	\$ -	\$ -	\$ -
Recalculation of Wet Weather Zinc Criterion (LASAN)	N/A	\$ 352,831	\$ 352,831	\$ -	\$ 88,207	\$ 141,133	\$ 123,491	\$ -	\$ -
Fernangeles Park Stormwater Capture Project (LADWP)	6	\$ 16,730,748	\$ 8,360,748	\$ 8,370,000	\$ 2,926,262	\$ 3,344,299	\$ 1,254,112	\$ 836,075	\$ -
Strathern Park North Stormwater Capture Project (LADWP)	2	\$ 18,745,606	\$ 9,278,606	\$ 9,467,000	\$ 3,247,512	\$ 3,711,442	\$ 1,391,791	\$ 927,861	\$ -
Valley Village Park Stormwater Capture Project (LADWP)	2	\$ 6,419,344	\$ 3,177,344	\$ 3,242,000	\$ 1,112,070	\$ 1,270,938	\$ 476,602	\$ 317,734	\$ -
<b>Total Ask</b>					<b>\$ 15,031,551</b>	<b>\$ 15,725,312</b>	<b>\$ 10,503,496</b>	<b>\$ 9,339,170</b>	<b>\$ 7,257,500</b>

# FY 21/22 (Regional Rd 2 Projects)

## Round 2 Regional Projects for Consideration



Central Santa Monica Bay (CSMB)									
Project	CD	Total Project Cost	Total Funding Requested	Matching	FY21-22 (Round 2)	FY22-23 (Round 3)	FY23-24 (Round 4)	FY24-25 (Round 5)	FY25-26 (Round 6)
Ballona Creek TMDL (LASAN)	5,6,10,11	\$ 31,894,000	\$ 15,000,000	\$ 16,894,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000	\$ 3,000,000
Slauson Connect Clean Water Project (CD 9/Geosyntec)	9	\$ 4,899,444	\$ 4,899,444	\$ -	\$ 2	\$ 733,829	\$ 1,966,082	\$ 1,973,468	\$ 226,063
Total Ask					<b>\$ 3,000,002</b>	<b>\$ 3,733,829</b>	<b>\$ 4,966,082</b>	<b>\$ 4,973,468</b>	<b>\$ 3,226,063</b>

South Santa Monica Bay (SSMB)									
Project	CD	Total Project Cost	Total Funding Requested	Matching	FY21-22 (Round 2)	FY22-23 (Round 3)	FY23-24 (Round 4)	FY24-25 (Round 5)	FY25-26 (Round 6)
Wilmington Neighborhood Greening Project (LASAN)	15	\$ 12,183,000	\$ 12,183,000	\$ -	\$ 662,727	\$ 504,673	\$ 3,387,700	\$ 4,818,700	\$ 2,809,200
Total Ask					<b>\$ 662,727</b>	<b>\$ 504,673</b>	<b>\$ 3,387,700</b>	<b>\$ 4,818,700</b>	<b>\$ 2,809,200</b>

# FY 21/22 (Regional Rd 2 Projects)

## Round 2 Regional Projects for Consideration

### Upper Los Angeles River (ULAR)

Project	CD	Total Project Cost	Total Funding Requested	Matching	FY21-22 (Round 2)	FY22-23 (Round 3)	FY23-24 (Round 4)	FY24-25 (Round 5)	FY25-26 (Round 6)	Future Funding Request
Lincoln Park Neighborhood Green Street Network (LASAN)	1	\$ 18,634,580	\$ 18,634,580	\$ -	\$ 3,726,916	\$ 3,726,916	\$ 3,726,916	\$ 3,726,916	\$ 3,726,916	\$ -
Broadway-Manchester Multi-Modal Green Streets Project (Streets LA)	8	\$ 15,646,000	\$ 11,719,000	\$ 3,927,000	\$ 886,000	\$ 4,000,000	\$ 4,000,000	\$ 2,833,000	\$ -	\$ -
David M. Gonzales Recreation Center Stormwater Capture Project (LADWP)	7	\$ 27,504,000	\$ 19,363,000	\$ 19,756,000	\$ 388,000	\$ 581,000	\$ 1,550,000	\$ 2,130,000	\$ 3,099,000	\$ 11,615,000
Valley Plaza Park Stormwater Capture Project (LADWP)	2	\$ 37,564,000	\$ 26,447,000	\$ 26,983,000	\$ 529,000	\$ 794,000	\$ 2,116,000	\$ 2,910,000	\$ 4,232,000	\$ 15,866,000
North Hollywood Park Stormwater Capture Project (LADWP)	2	\$ 131,221,000	\$ 92,394,000	\$ 94,261,000	\$ 1,848,000	\$ 2,772,000	\$ 7,392,000	\$ 10,164,000	\$ 14,784,000	\$ 55,434,000
				Total Ask	<b>\$ 7,377,916</b>	<b>\$ 11,873,916</b>	<b>\$ 18,784,916</b>	<b>\$ 21,763,916</b>	<b>\$ 25,841,916</b>	<b>\$ 82,915,000</b>



# FY 22/23 (Regional Rd 3 Projects)

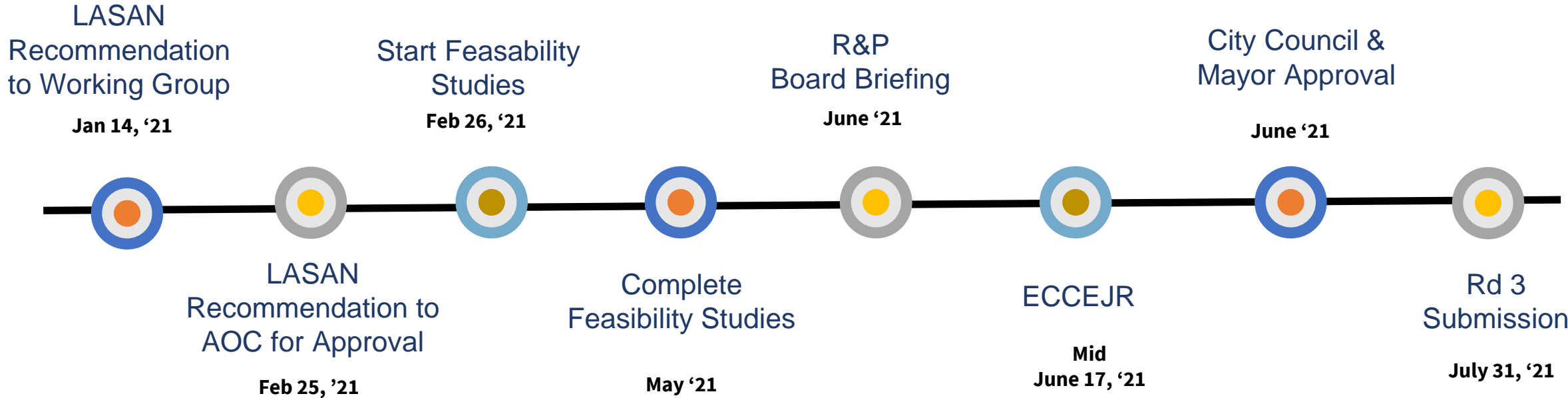
## Round 3 Regional Projects for Consideration

Project (Council District)	5 – Year Requesting Amount
<i>Upper LA River</i>	
Hollenbeck Park Lake Stormwater Management Project (CD 14)	\$30 M*
LA River Segment E, 9 LFDs (CD 3 & 12)	\$34 M
Echo Park O&M (CD 13)	\$2 M
<i>Central Santa Monica Bay</i>	
Angeles-Mesa Green Street Network Project (CD 8)	\$13 M
<i>South Santa Monica Bay</i>	
Wilmington Anaheim Green Street Project (CD 15)	\$6 M*
Machado Lake O&M (CD 15)	\$4 M
<b>TOTAL Regional Funding Requesting</b>	<b>\$89 M</b>

\*Feasibility Study will further define scope of work and cost.



# Regional Round 3 Schedule



# **Michael Scaduto**

**LA Sanitation & Environment  
1149 South Broadway, 10th Floor  
Los Angeles, CA 90015  
E-Mail: [Michael.Scaduto@lacity.org](mailto:Michael.Scaduto@lacity.org)**

**LA Sanitation & Environment's Mission:  
“Protect Public Health and the Environment”**



# Hollenbeck Park Lake Rehabilitation and Stormwater Management Project

Item #4



March 25, 2021

City of Los Angeles, Safe Clean Water Program  
Administrative Oversight Committee (AOC)

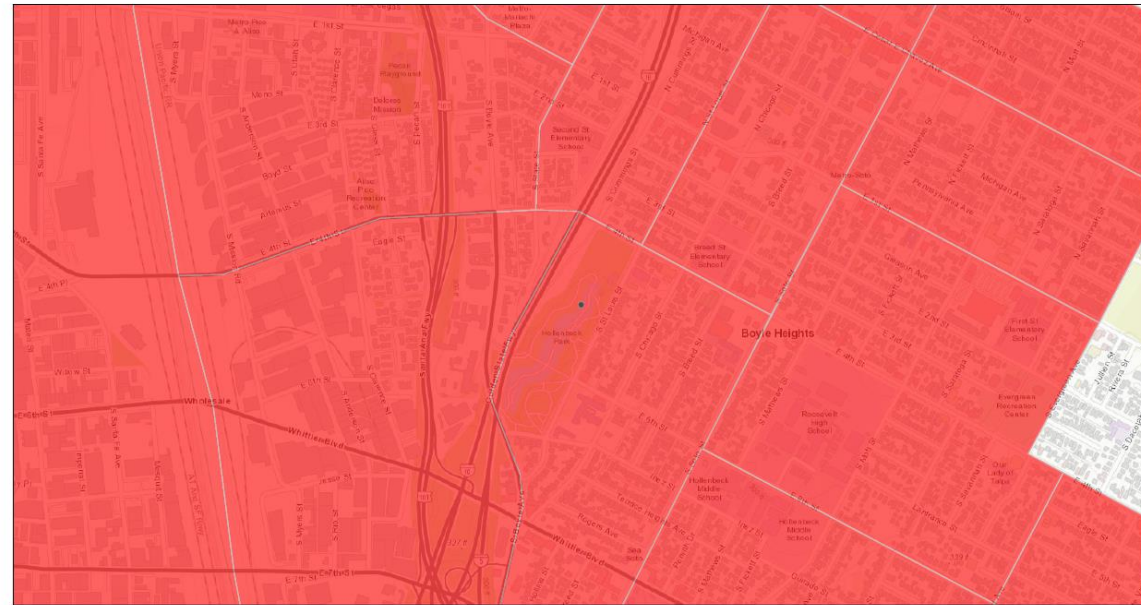
**Enrique C. Zaldivar, P.E.**  
**Director and General Manager**  
**LA Sanitation & Environment**



# Project Location

- City of Los Angeles, Boyle Heights
- Council District 14, Kevin De Leon
- 415 S St Louis St, Los Angeles, CA 90033
- 4-acre man-made lake created in 1892
- Within a critical DAC

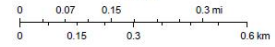
SB 535 Disadvantaged Communities



March 18, 2021

SB 535 Disadvantaged Communities (June 2018 Update)

1:9,028



County of Los Angeles, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, Intermap, USGS, METRANSA, EPA, USA

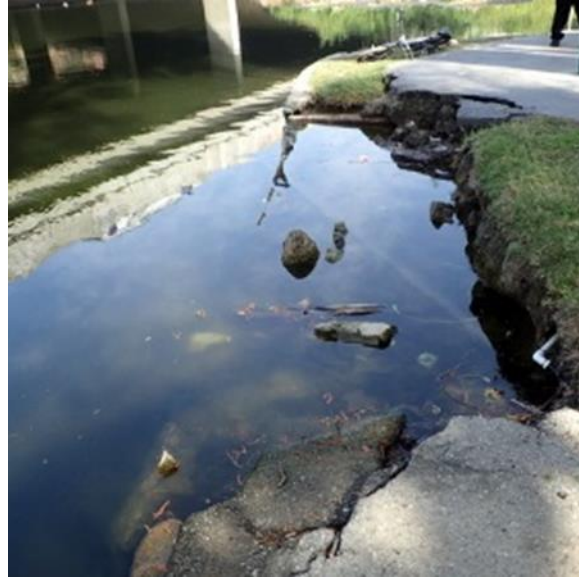


# Goals and Objective

- 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 dry and wet weather flow in the watershed
- Assess replacing potable water supply with an alternative, sustainable water source
- Harvest stormwater and reuse for irrigation and other water demands

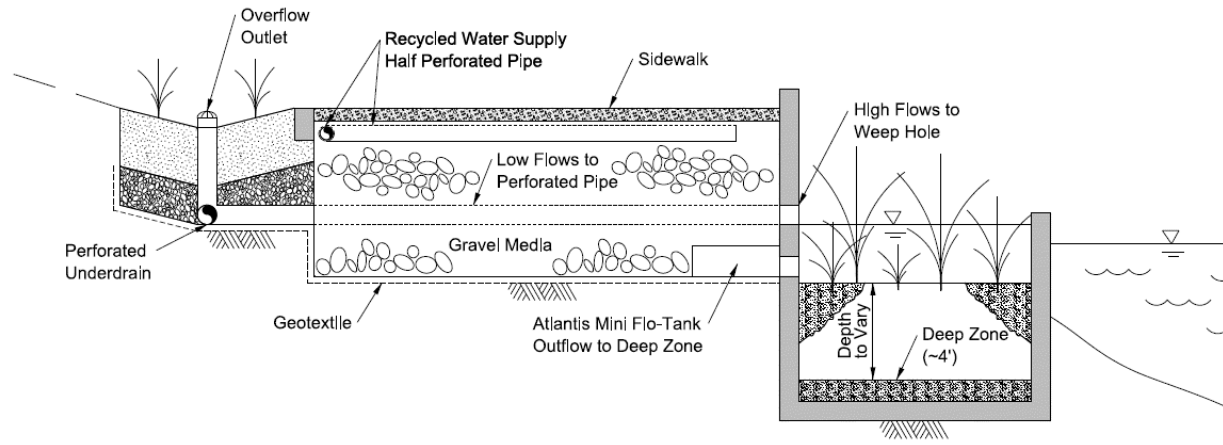


# Issues and Concerns

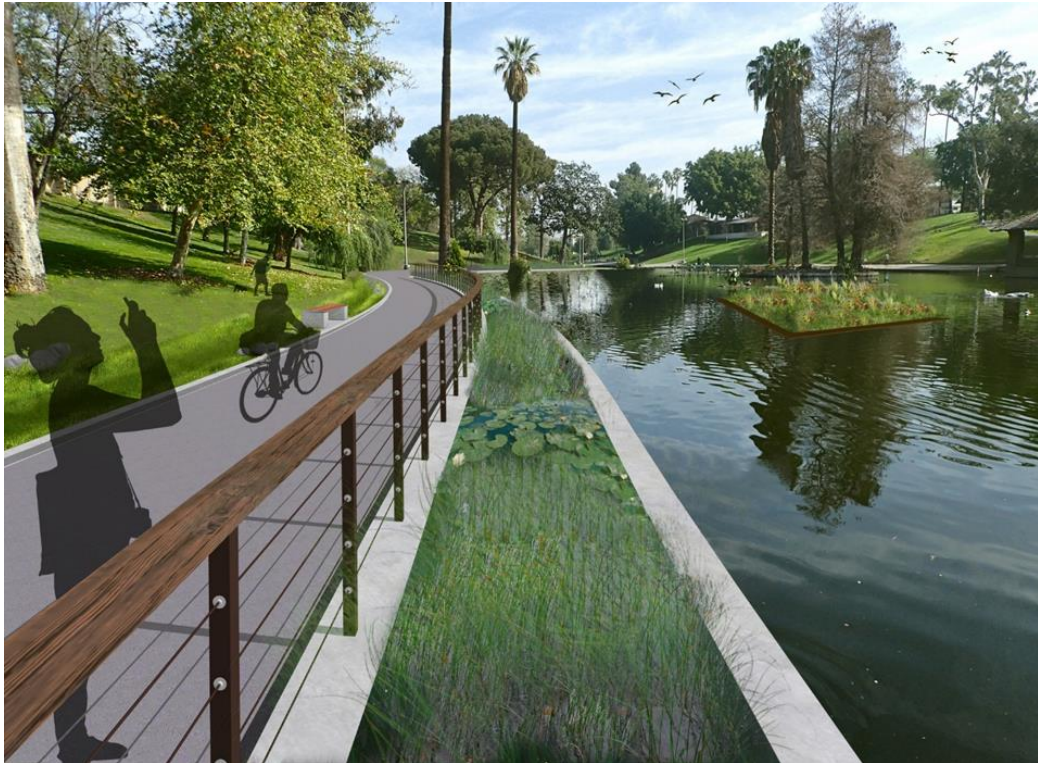


- History of poor water quality due to nutrient and sediment loading
- Frequent algae blooms causing odor and aesthetics problems
- Eroded shoreline

# Proposed In Lake Improvements



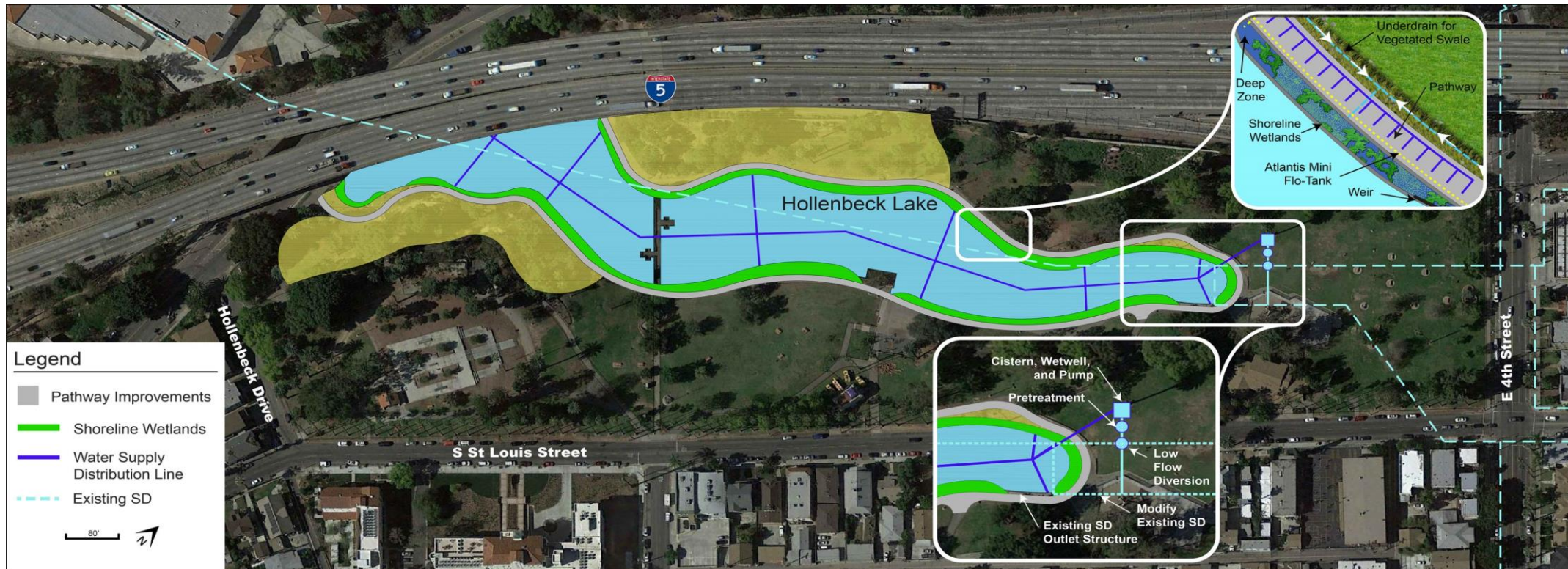
- Shoreline wetland and walkway improvements
- Improvements to the existing chemical feed system
- Addition of a new aeration system
- Dewatering, dredging, and new geosynthetic liner
- New submersible pump





# Proposed Stormwater Management

- City, County and Caltrans runoff would be diverted, pretreated and discharged to the lake
- Construct diversion structures with new wet well and pump to connect to existing stormdrains
- Maintain the existing lake outlet structure for high flows



# Proposed Park Improvements

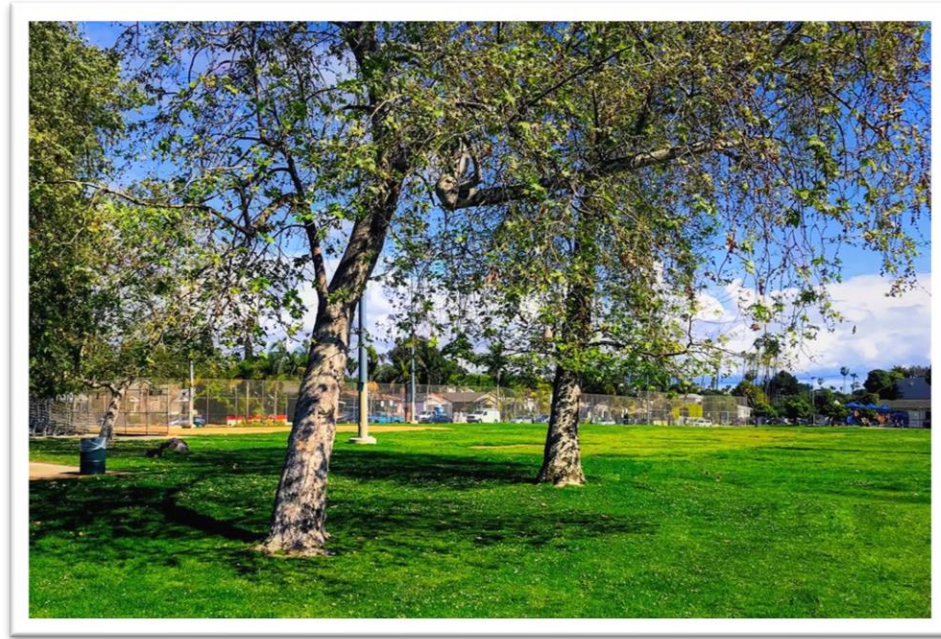
- Re-grading the shoreline around the lake perimeter
- Terracing of the embankment at the southern end of Park
- Re-construct pathway around the Lake
- Replace landscaping with low water demand, native vegetation
- Install a water wise irrigation system to reduce the landscape water demand



# Community Investment Benefits

Green Street Improvements will be considered for maximum community investment benefits

- Enhance and restore park space
- Create new recreational opportunities
- Create new green spaces at schools
- Increase the number of trees and vegetation
- Reduce local heat island effect and increasing shade
- Improve air quality



# Project Funding

- Project Estimated Cost: ~ **\$30 Million**
- Potential Funding Sources
  - Safe Clean Water Program..... up to \$30 M
  - LA City Prop O ..... up to \$5 M (*Matching*)
  - Caltrans..... up to \$15 M (*Matching*)

# Project Feasibility Study Schedule

- Draft Feasibility Study Submittal: May 1, 2021
- Final Feasibility Study Submittal: June 1, 2021
- June 2021
  - RAP Board Briefing / ECCEJR / City Council
- Final Submittal: July 15, 2021

## Caltrans Coordination

- Water Quality Report to Caltrans: April 2021
  - Decision on Funding Contribution - TBD

## Prop O Schedule

- Special COAC – Mon, April 19<sup>th</sup>
- Special AOC – Thurs, April 22<sup>nd</sup>

# THANK YOU!

**Carmen Andrade, P.E.  
Civil Engineering Associate**

**LA Sanitation & Environment  
1149 South Broadway, 10th Floor  
Los Angeles, CA 90015**

**LA Sanitation & Environment's Mission:  
"Protect Public Health and the Environment"**

