



Oxford Retention Basin Multiuse Enhancement Project

*Building Sustainable Infrastructure: Promoting Positive Social,
Economic and Environmental Impacts*

February 16, 2022

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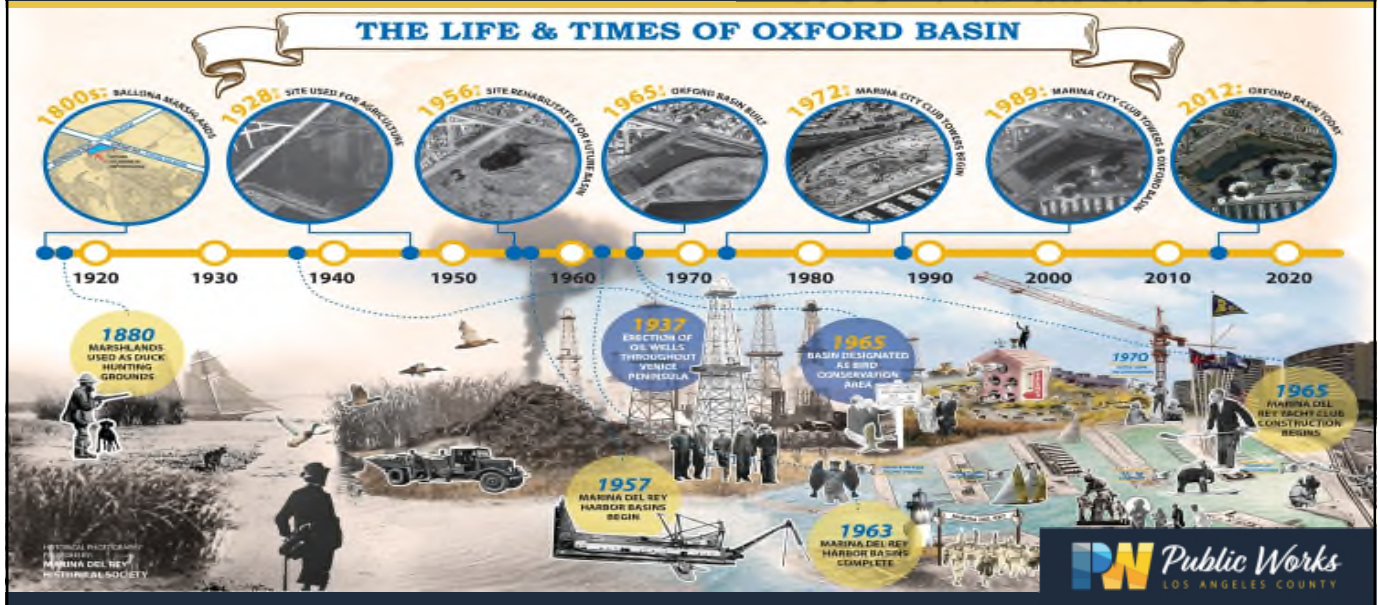
Building Sustainable Infrastructure: Promoting Positive Social, Economic and Environmental Impacts

- Project Location and Background
- Project Goals and Features
- Performance Monitoring
- Benefits and Awards



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Project History



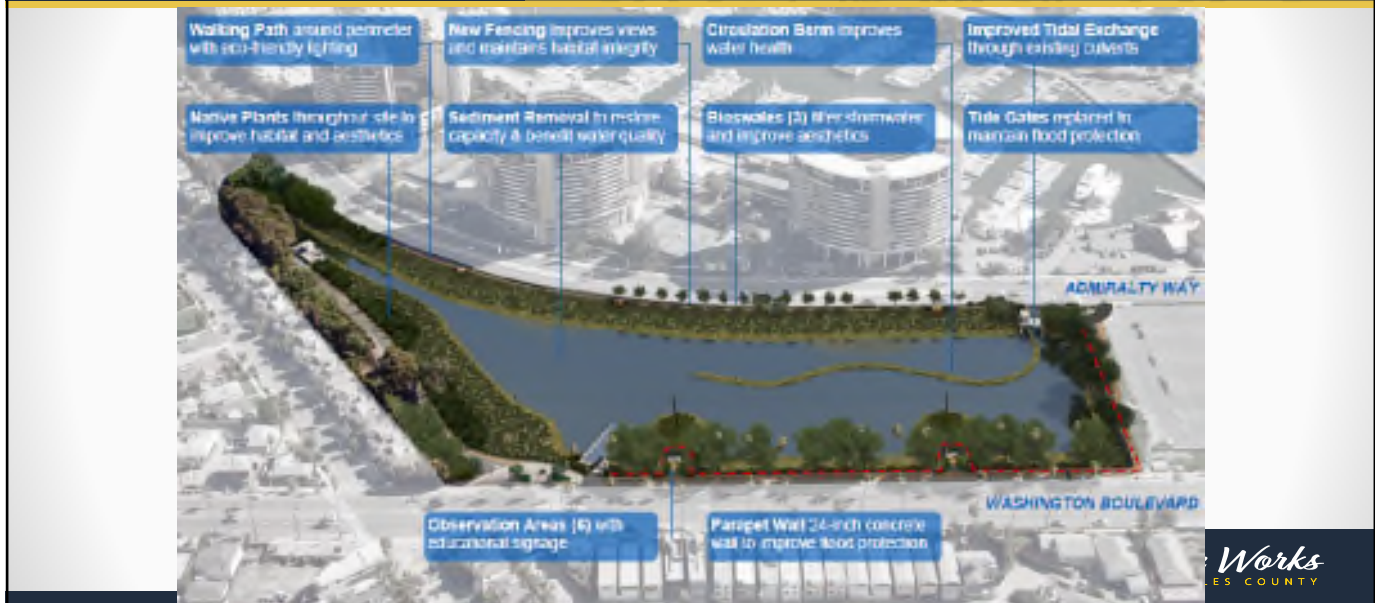
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Project Introduction



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Project Goals and Features



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Performance Monitoring

Post-Construction Monitoring

- Continuous water quality monitoring
- Submerged aquatic vegetation (SAV)/algal community surveys
 - Coverage of SAV trending down
- Upland/marsh vegetation surveys
 - Native plant coverage up 52% since construction
- Annual California Rapid Assessment Method (CRAM) survey
 - CRAM score trending upwards



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Native Vegetation

The project restored 5 native vegetation communities:

- Coastal salt marsh
- Coastal sage scrub
- Coastal prairie
- Willow scrub
- Grassy swale

Post-construction monitoring: Native plant cover = 52% in 2018



Wetlands

CRAM (California Rapid Assessment Method for Wetlands)

Components measured:

- Buffer and landscape context
- Hydrology
- Physical structure
- Biotic structure

CRAM scores increasing over time



Wildlife

- ~75 species of birds have been observed at the Basin
- Several species of insects, including Monarch butterflies
- Early results show wildlife use has returned to pre-construction conditions



Community Enhancements & Social Impacts



- Six new observation areas and interpretive signage
- New decorative fencing
- New bike path
- New walking path
- Public Safety w/ eco-friendly lighting



Safe, Clean Water Program

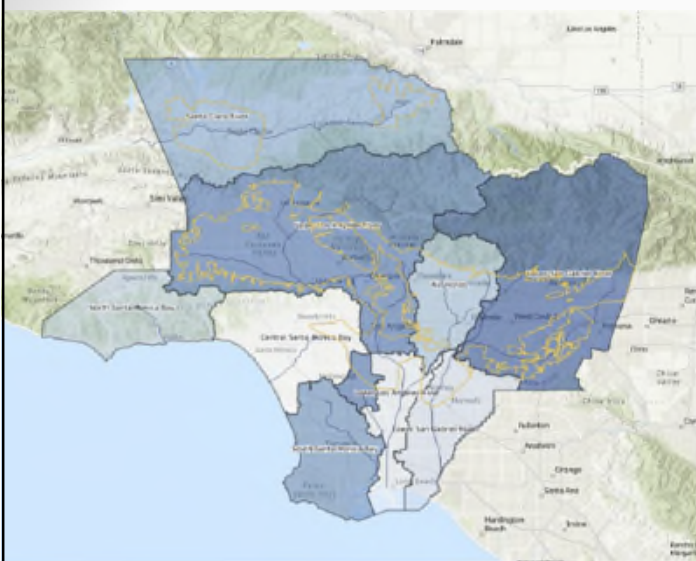
The Safe, Clean Water Program provides local, dedicated funding to increase our regional water supply, improve water quality, and enhance our communities.



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SCWP Program Scale & Impact



8.5 million population served
in Flood Control District

2,700 square miles

2.4 million parcels

9 watershed areas



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SCWP Revenue & Tax Relief



\$278 million in revenue collected for FY2019-20



>\$2 million of tax relief provided for FY2019-20 (low-income senior exemptions, income-based discounts, credits, ad valorem, and appeals)



Including **\$\$** reductions for on-site stormwater projects



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Safe, Clean Water Program Goals

☞ Improve water quality

☞ Increase drought preparedness through stormwater capture

☞ Improve public health

☞ Invest in multi-benefit infrastructure

☞ Prioritize nature-based solutions

☞ Provide disadvantaged community benefits

☞ Leverage other funding



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Safe, Clean Water Program Goals Cont.

- Provide a spectrum of project sizes
- Encourage innovation
- Invest in independent scientific research
- Provide proportional funding
- Ensure adaptive management
- Promote green jobs
- Provide ongoing operations and maintenance of projects



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Stormwater Investment Plans FY 2021-22

78 new and continuing Infrastructure Program Projects represents **\$480M** in investments over 5 years and will:

Capture stormwater from over

207,000 acres

Provide an increase in total 24-hr storage capacity of

3,667 AF

Provide an increase in annual average stormwater capture of

54,664 AF

Leverage other funding nearing

\$500M

Invests in projects benefiting disadvantaged communities totaling

\$385M

Be implemented across

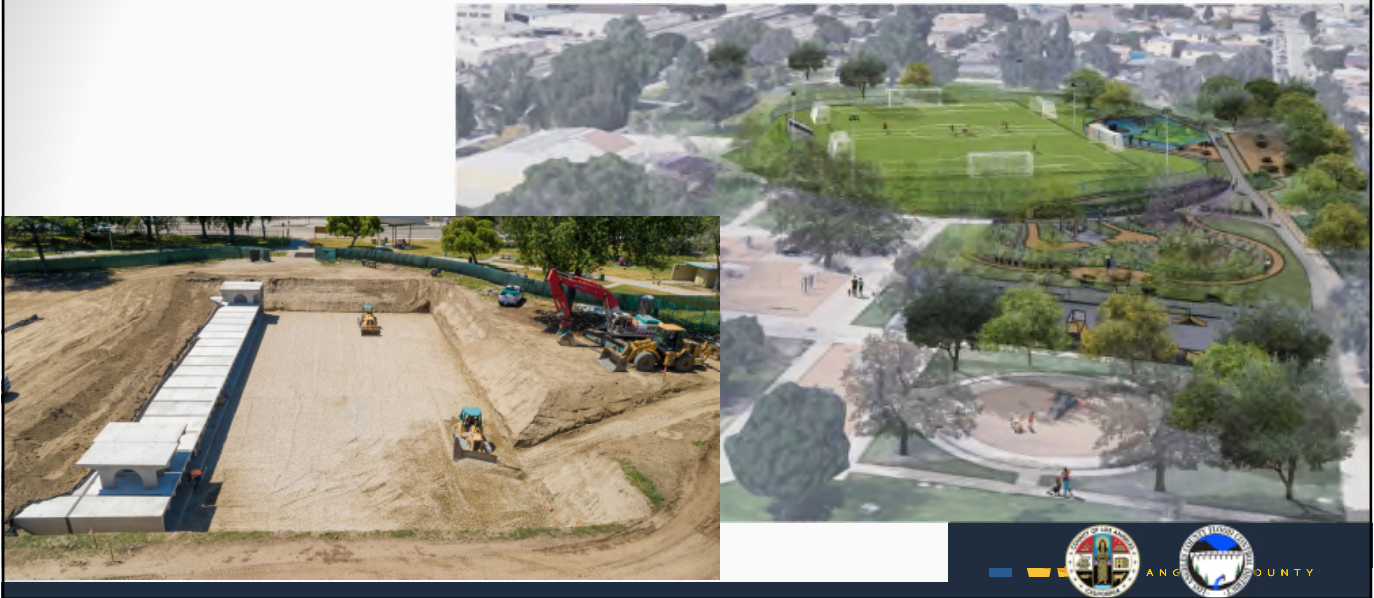
38 Municipalities



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Project Highlights – Franklin D. Roosevelt Park



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This is just the beginning...

In the next 10 years, SCWP will invest nearly \$3 billion, leveraging hundreds of millions of additional dollars, in projects and programs that will have a measurable positive impact on the region's **water supply, water quality, and the enhancement of our communities.**



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Questions

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Safe Clean Water Program

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