

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

Thursday, August 27 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 4:06PM

1. Introductions and greetings

General Public Comment: No public comments made.

2. Department Presentations

- a. Measure W – Safe, Clean Water Program Overview
- b. Regional Program Round 1 Project Status
- c. Regional and Municipal Transfer Agreements

Staff from the CAO presented an overview of the Safe, Clean Water Program. Information regarding agendas and meeting materials can be found on the CAO website, under Capital Projects. The City governance structure and approval process includes projects approved by the respective Boards, the AOC, the Mayor's Office and City Council. The County adopted scoring criteria based on water quality, water supply and community benefits to evaluate proposed Regional projects.

The Bureau of Sanitation presented an overview of the nine watersheds within Los Angeles County, the County's approval process and the projects submitted for Round 1 of the Regional Program. Round 1 Projects have been reviewed by the County. The Regional and Municipal Transfer Agreements are needed to accept funds from the County.

**Action:** No action.

3. Committee members to discuss:

- a. Approval of Regional Program Round 1 Projects

Staff from the Bureau of Sanitation presented projects submitted for the Safe, Clean Water Program Regional Program on December 15, 2019.

Recommendation: To approve, retroactively, the list of projects.

**Action:** Approved

- b. Approval of Regional and Municipal Transfer Agreements

Recommendation: Approve the Regional and Municipal Transfer Agreements and authorize staff to work with the City Attorney and Safe, Clean Water Working Group and report back to the AOC if any changes are made by the County.

**Action:** Approved

- c. Committee organizational matters, process timeline, setting future meeting dates/times, related matters and possible action.

Recommendation: Schedule regular meetings of the AOC to meet on the fourth Thursday of each month to coincide with Bond Day. Direct staff to address Round 2 projects, scoring criteria and Annual Plan.

**Action:** Approved

Meeting adjourned at 4:45PM.

# Measure W Safe, Clean Water Program

Administrative Oversight Committee (AOC)

**Broadway-Manchester Multi-Modal Green Streets Project**

September 17, 2020



# Broadway-Manchester Multi-Modal Green Streets Project

## Project Scope:

The Broadway-Manchester Multi-Modal Green Streets Project will divert and capture up to the 85th percentile storm runoff in a distributed manner over the entire 2.8 mile length of the project area.



# Broadway-Manchester Multi-Modal Green Streets Project

## Project Location:

Watershed: Upper LA River  
Subwatershed: Compton Creek  
Council District: 8

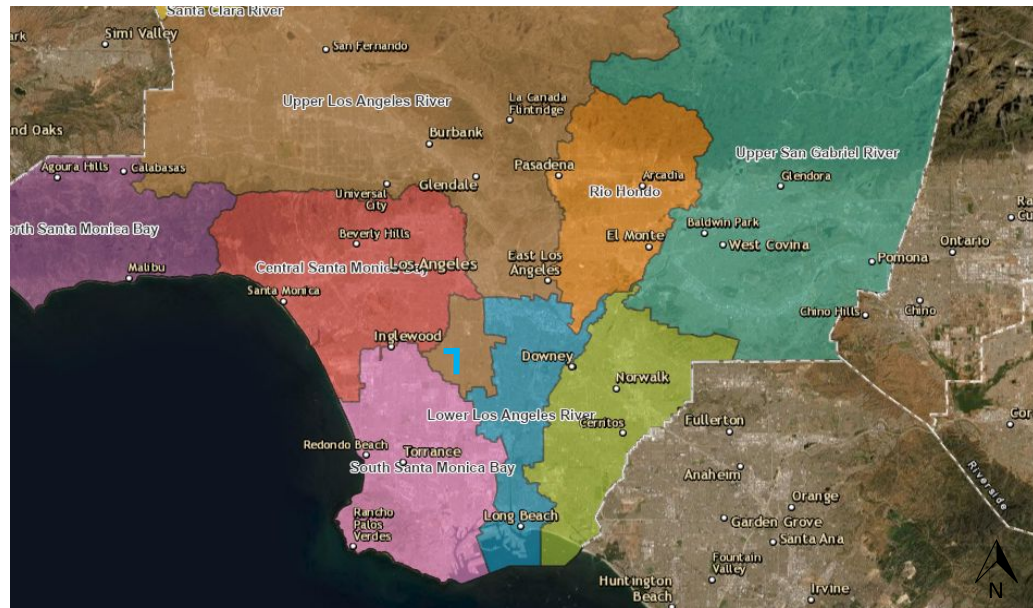
2.8-mile stretch of Manchester Ave (Vermont Ave to Broadway) and Broadway (Manchester Ave to Imperial Hwy)

## Leverage Funding and Cost Sharing:

- ATP Cycle 4 Funding Awarded: \$24.8M
- DWP Cost Sharing: \$1.2M

## Schedule:

- Aligns with ATP schedule

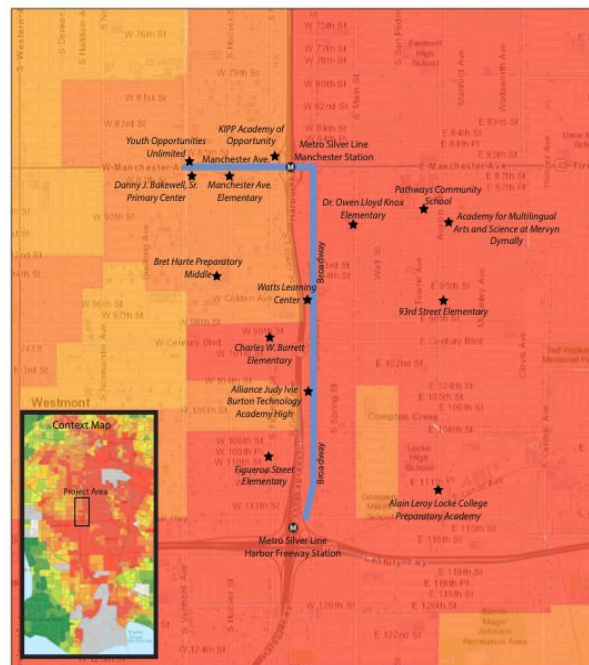


# Community Benefits and Support

## Community Benefits:

- Improved Public Health, Environmental Health
  - Trees - shade equity
  - Landscape and Irrigation
  - **Stormwater Capture**
- Provide Community Assets
  - Median improvements and programming
- Traffic Safety
  - Safer pedestrian crossings
  - Safer pedestrian intersections
  - Safer streets for all users
- Improved Transit Connectivity
  - 4-mile Class IV Cycle Track
  - Improved bus zones
  - Pedestrian Lighting

## Disadvantaged Communities (DAC)



CalEnviroScreen

- 71 - 80%
- 81 - 90%
- 91 - 100%

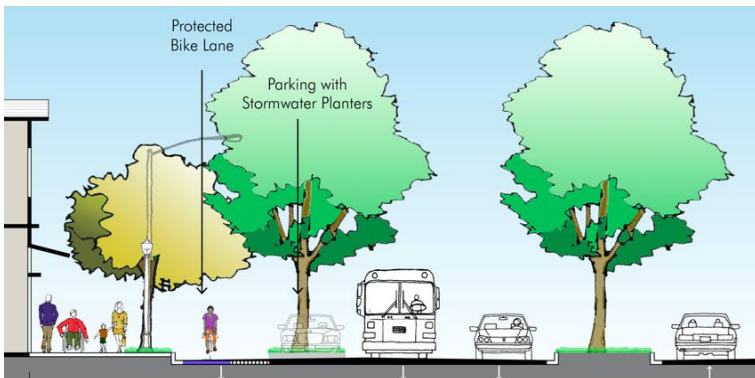
- ★ Schools
- ⊙ Silver Line Stations



# Community Benefits and Support

## Community Engagement:

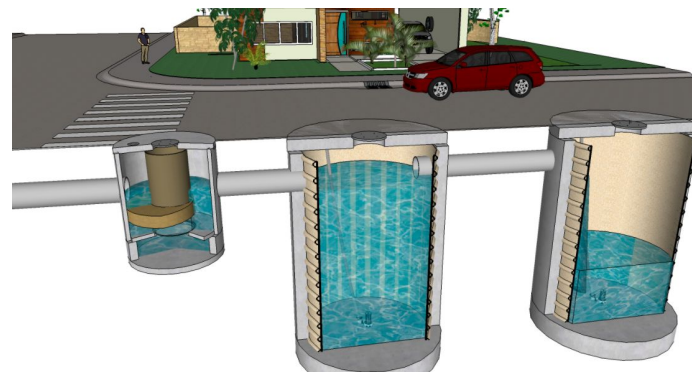
- Intensive engagement during grant application phase
- Continuing engagement during Design/Construction



# Broadway-Manchester Multi-Modal Green Streets Project

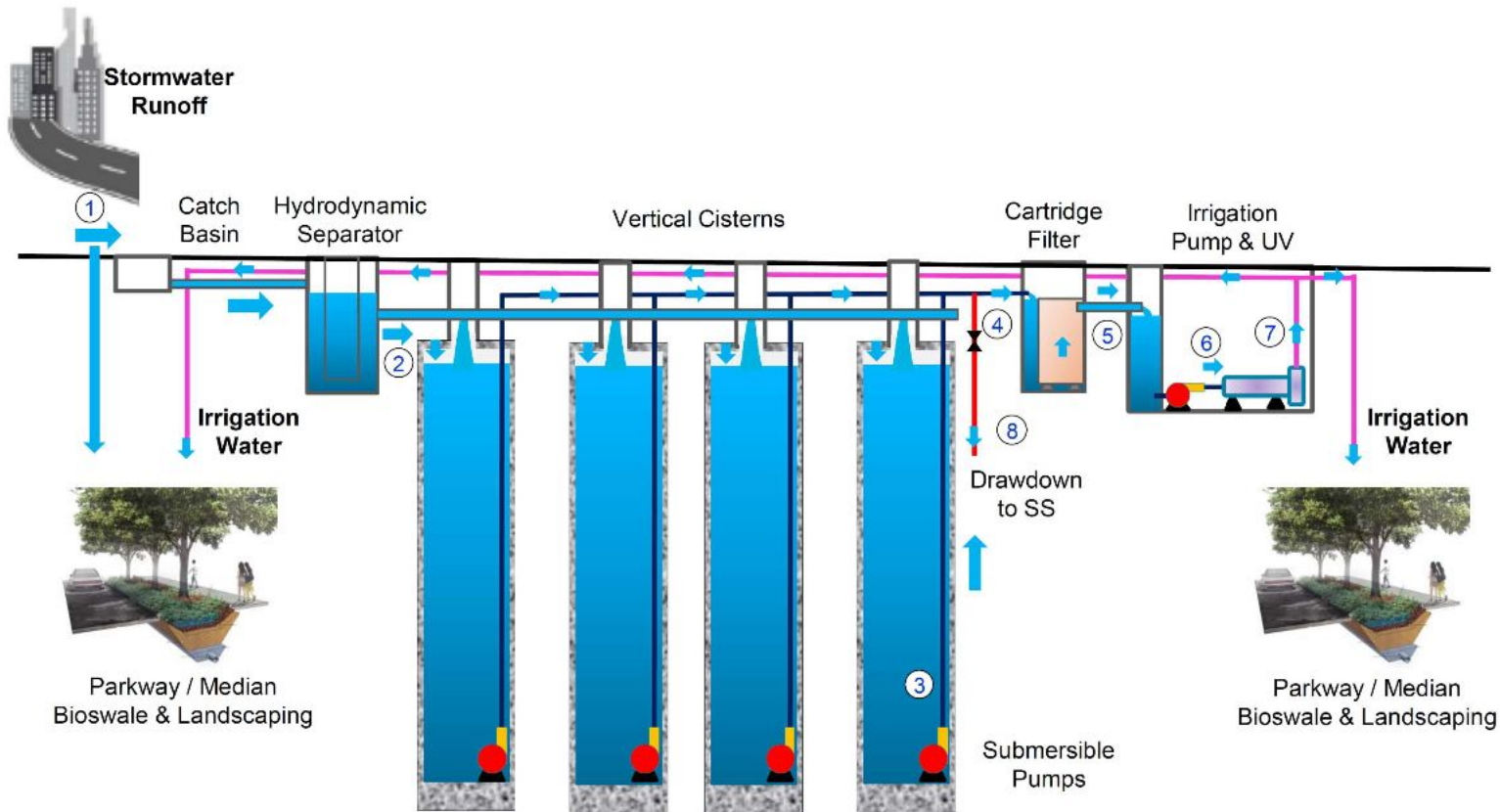
## Project Elements:

- Parkway and landscaped bike buffer bioswales
- Catch basins
- Hydrodynamic separator units
- Cartridge and UV filter
- Vertical cisterns
- Landscaping
- Shade trees

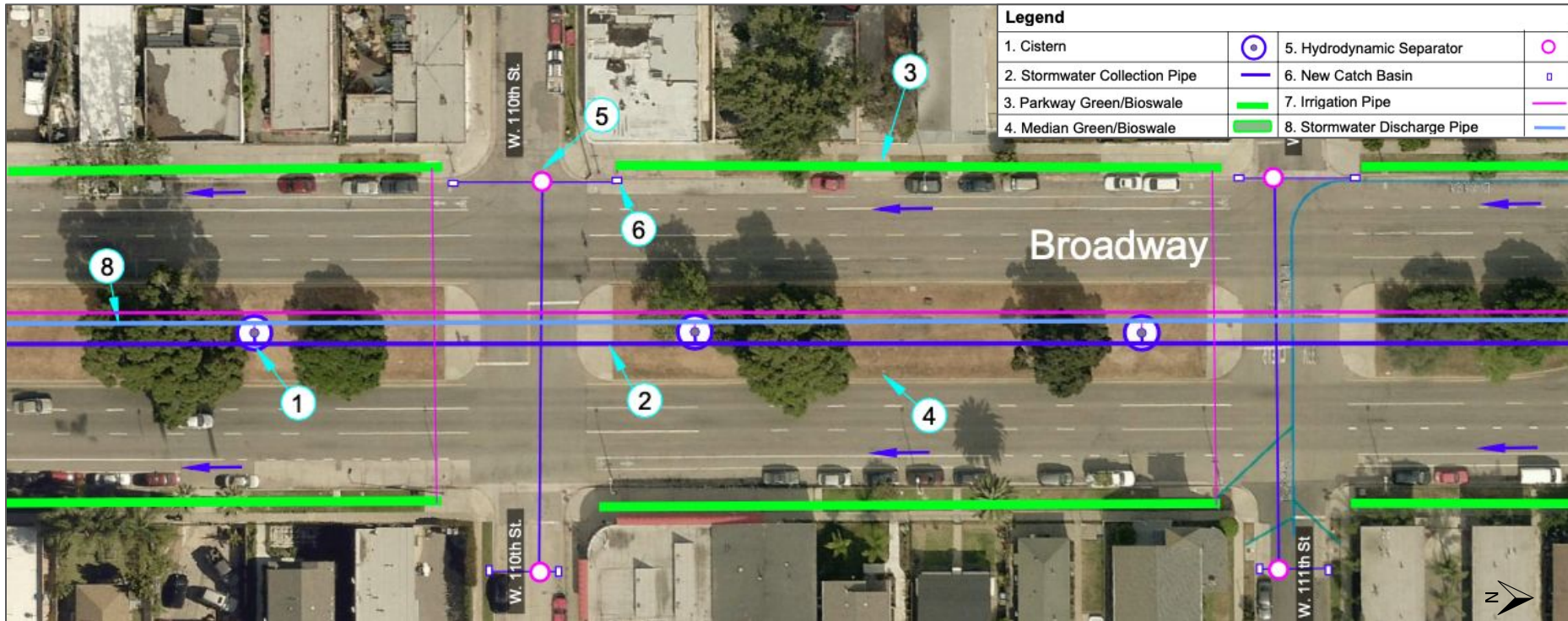




# Broadway-Manchester Multi-Modal Green Streets Project

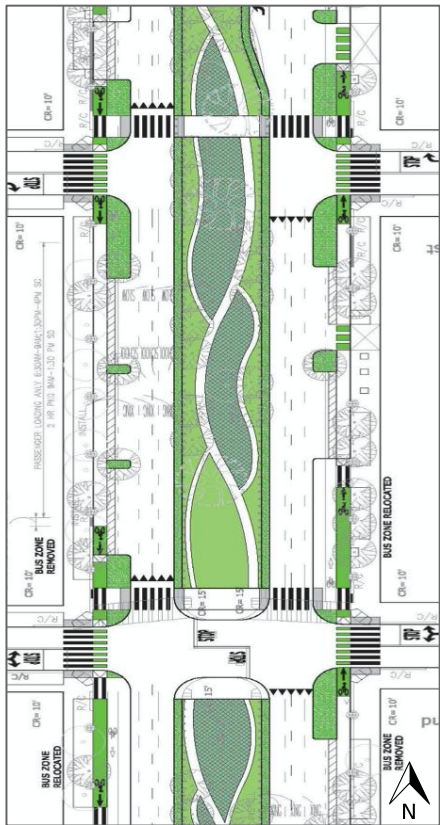


# Broadway-Manchester Multi-Modal Green Streets Project



# Broadway-Manchester Multi-Modal Green Streets Project

PROJECT OVERVIEW	
Drainage Area	205 acres
Green Street	2.8 miles
Estimated Volume Capture Annually	98 AF/yr (16 AF/yr onsite irrigation water)
Total Project Capacity	9.4 AF
Pollutants Addressed	Bacteria, Nitrogen, Phosphorus, Copper, Zinc
Primary & Secondary Pollutant Load Reduction	81% Removal
Potable Water Offset for Irrigation	79%
Landscaping	300,000 SF
Trees	843
Cost Sharing	\$4.3M through ATP Cycle 4 Grant \$1.2M contribution from DWP
Partners	LASAN, DWP, CD 8



# Broadway-Manchester Multi-Modal Green Streets Project

ANTICIPATED SAFE, CLEAN WATER PROGRAM SCORE		
Category	Score	Justification
Wet Weather Water Quality Benefits (50 points max)	44	81% removal of primary and secondary pollutants
Water Supply Benefits (25 points max)	2	98 AF/yr (16 AF/yr onsite irrigation water)
Community Investment Benefits (10 points max)	10	2.8 miles of green streets
Nature Based Solutions (15 points max)	10	Bioswales along 2.8 miles of public road
Leveraging Funds and Community Support (10 points max)	7	Extensive community engagement 25% cost sharing through approved ATP Grant
<b>Total Score</b>	<b>73</b>	Multi benefit project in DAC area providing stormwater quality and water supply

# Broadway-Manchester Multi-Modal Green Streets Project

## PRELIMINARY PROJECT SCHEDULE

Task Name	FY 21/22				FY 22/23				FY 23/24				FY 24/25				FY 25/26			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Planning	■	■	■	■																
Design/ Permitting					■	■	■	■												
Construction									■	■	■	■	■	■	■	■	■	■	■	■



# Broadway-Manchester Multi-Modal Green Streets Project

## CASH FLOW SCHEDULE

Phase	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	TOTAL
Construction	\$2,607,600	\$2,607,600	\$2,607,600	\$2,607,600	\$2,607,600	<b>\$13,038,000</b>

## COST SHARE

Caltrans ATP Cycle 4	\$4.3M (\$24.8M total ATP funding)
DWP	\$1.2M

# Broadway-Manchester Multi-Modal Green Streets Project

This project can set the path for:

- Future funding alignments resulting in holistic projects
- Cross-agency coordination to develop green streets projects throughout the City
- Opportunities, due to its scale, to collect substantive data to refine and develop future green streets projects



# Stormwater Capture Parks Program



# Program Objectives



- ✓ Implement multi-benefit stormwater capture projects to improve local WQ and increase local WS
- ✓ Source 70% of LA's water locally
- ✓ Capture 150,000 AFY of stormwater by 2035
- ✓ Deliver Environmental Justice & Social Equity



Source  
**70%**  
of all water locally  
by 2035



# Community Benefits

## Expand Park Infrastructure

Improved sports fields and playgrounds

## Safe and Clean Communities

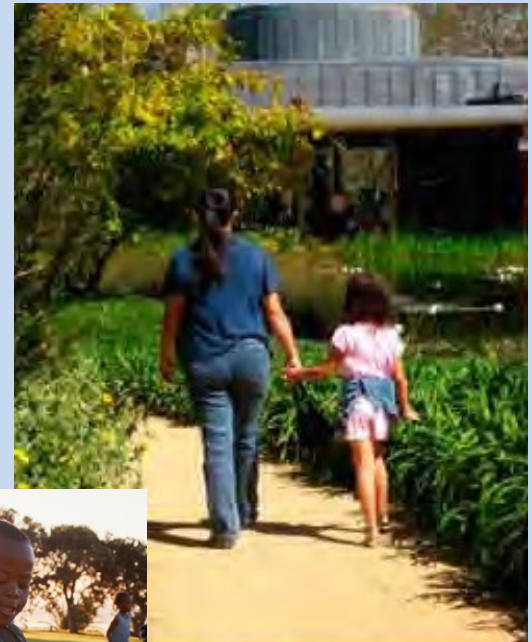
Mitigate localized flooding

## Environmental Education & Signage

Watershed health and awareness

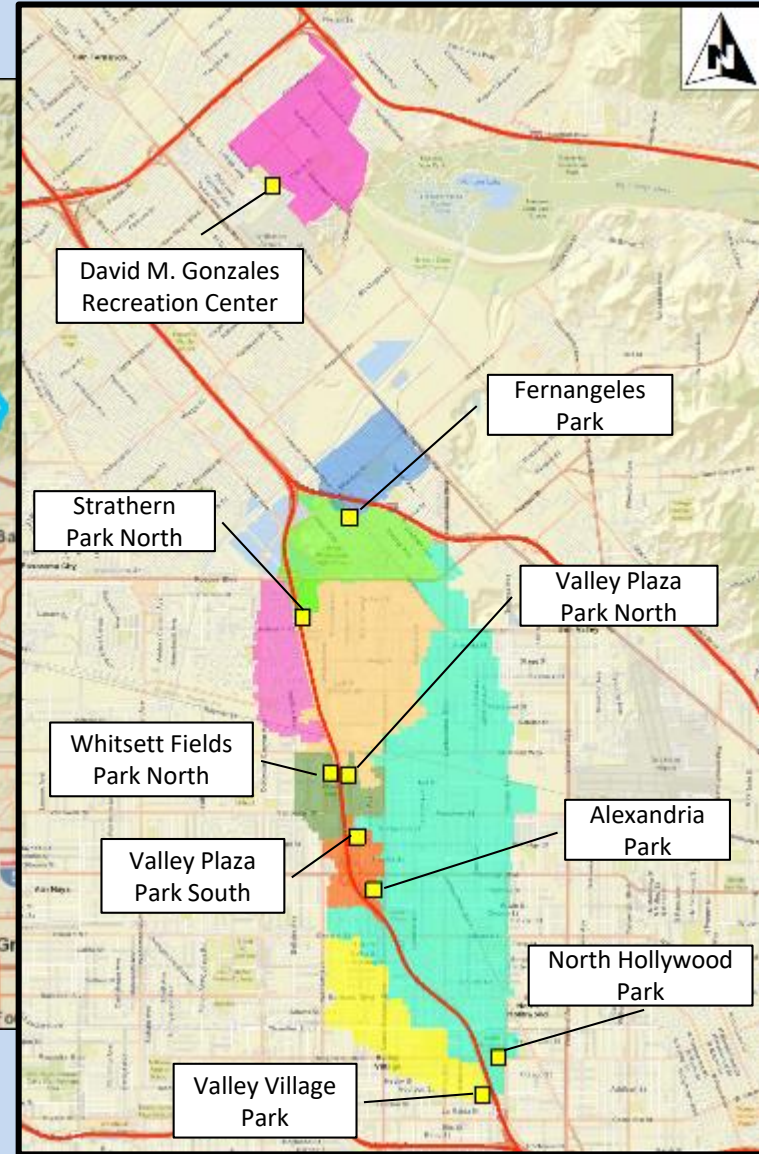
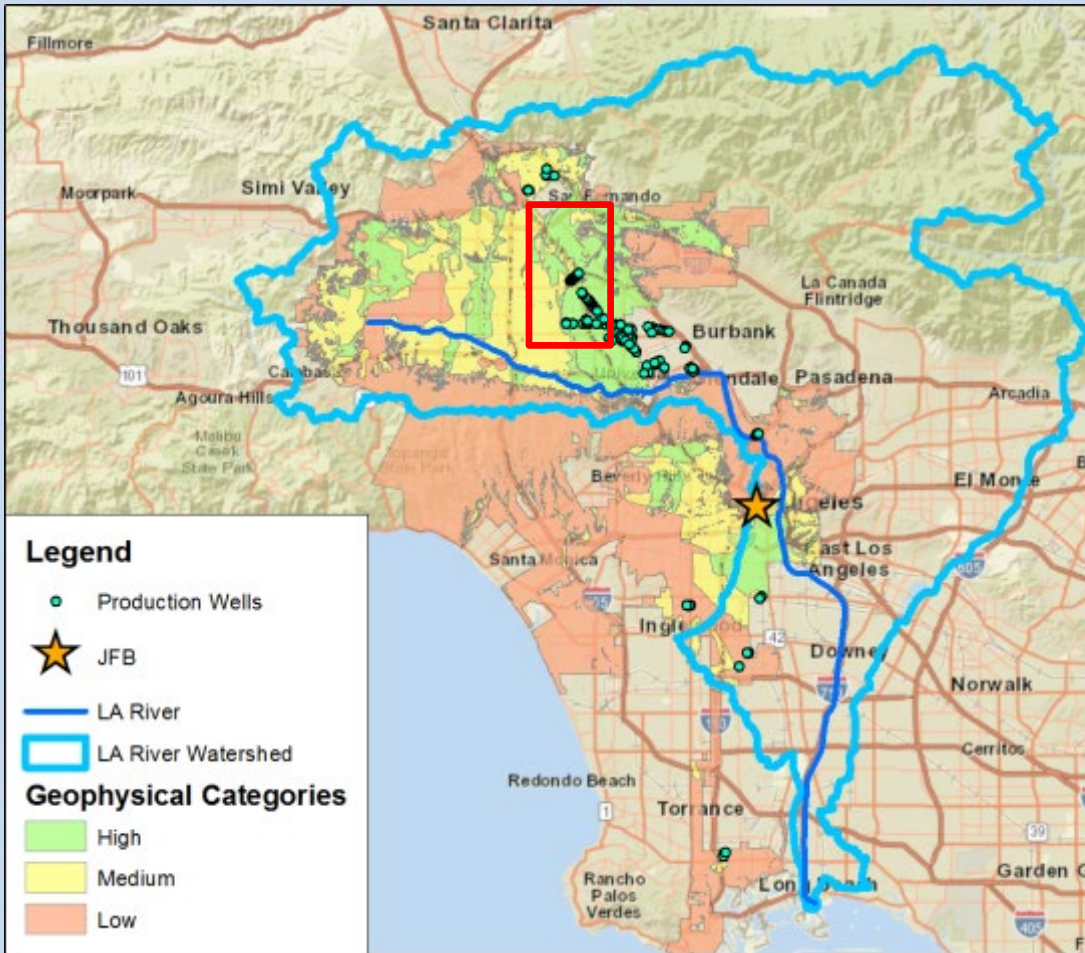
## Job Creation

~ 750 jobs

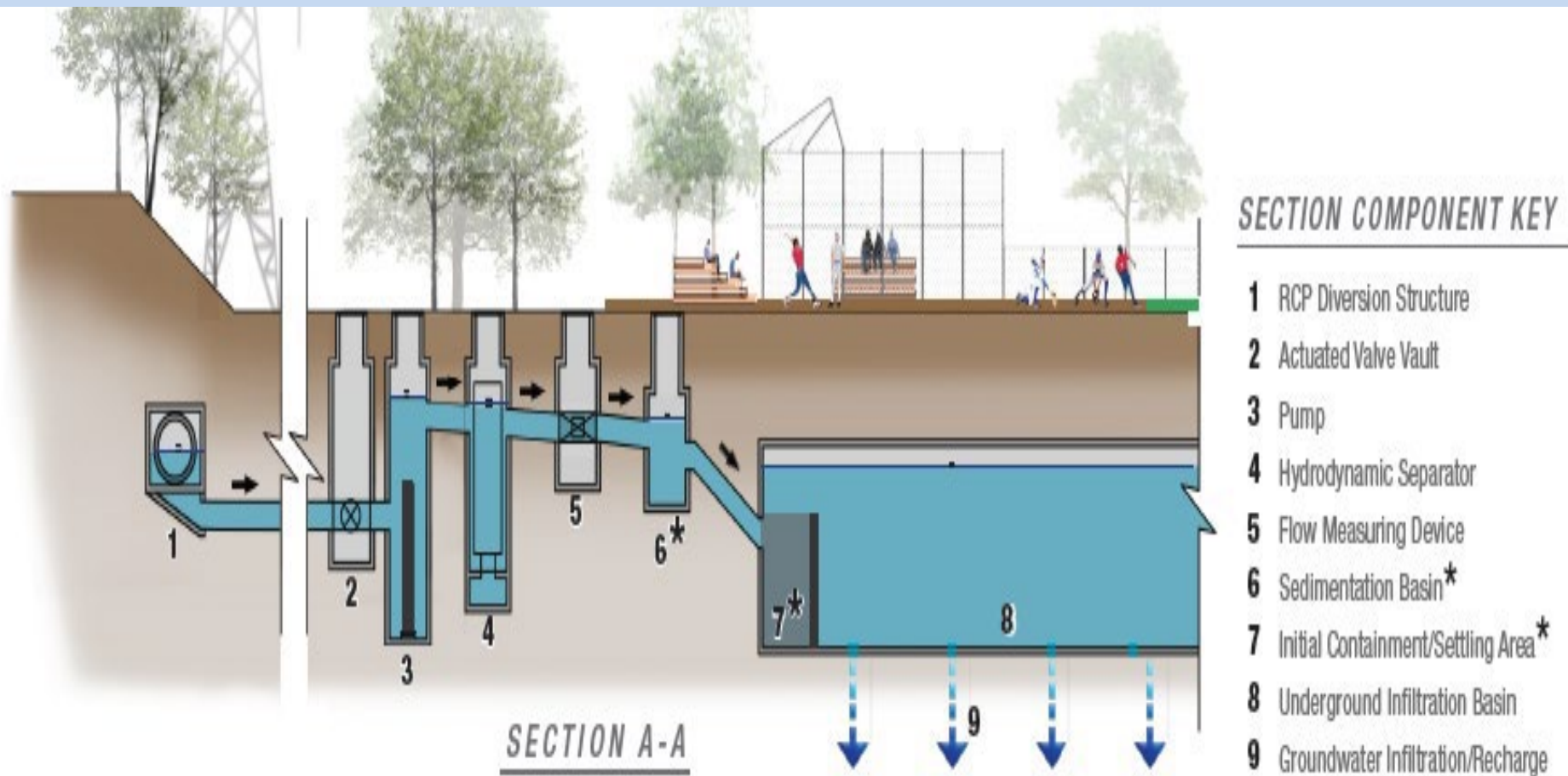




# Parks Program Location



# Stormwater Capture at the Park







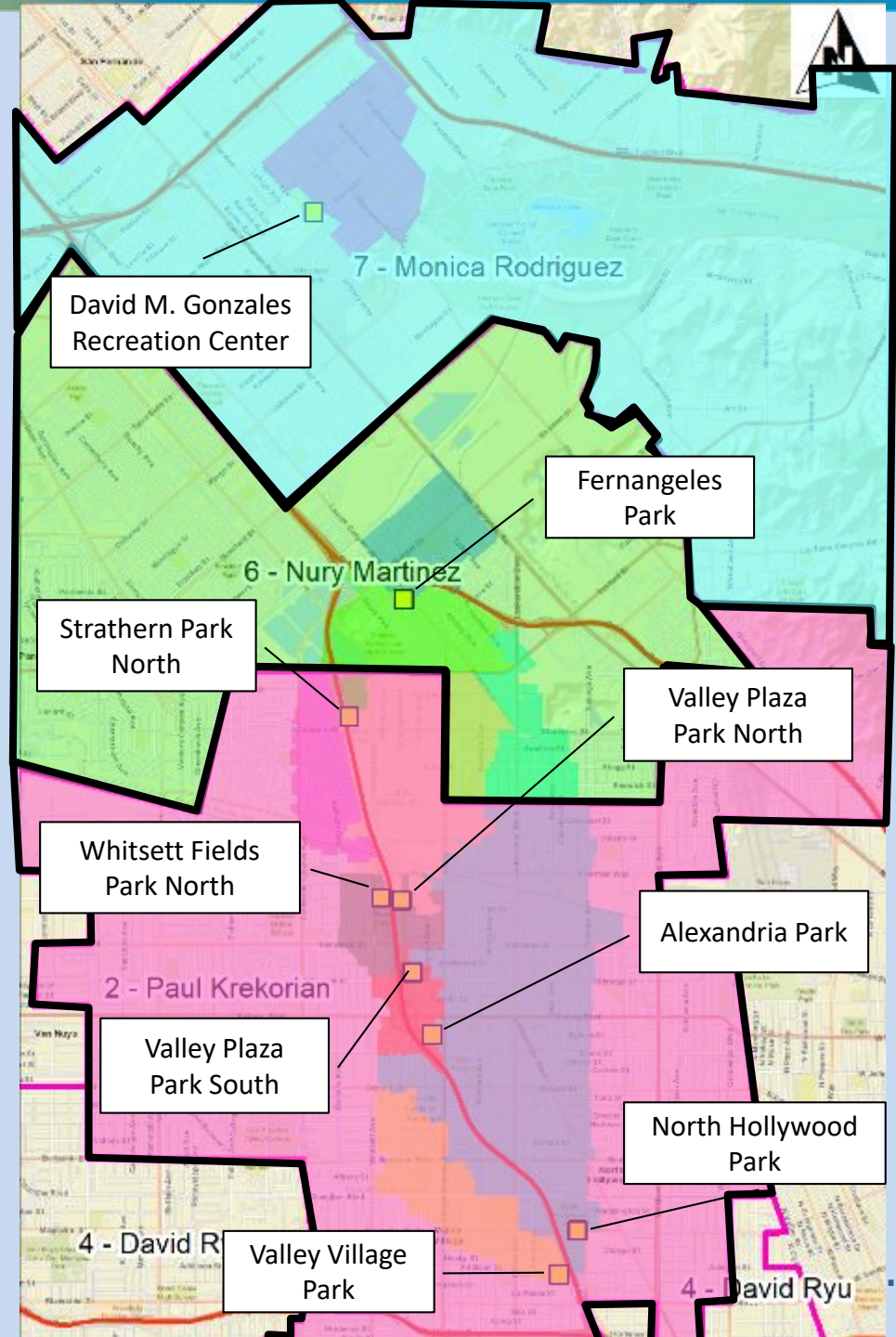
Albion Riverside Park  
*Los Angeles, CA*



Broadway Neighborhood Greenway  
*Los Angeles, CA*



# Parks Overview



# Water Quality Benefits

## EWMP Compliance Targets

EWMP Subwatershed	Required Compliance Load Reduction	Cumulative BMP Capacity for Metal/Bacteria TMDLs Compliance
668494	13%	44.3 AF
664949	63%	49.4 AF
665249	59%	49.2 AF



# Water Quality Benefits

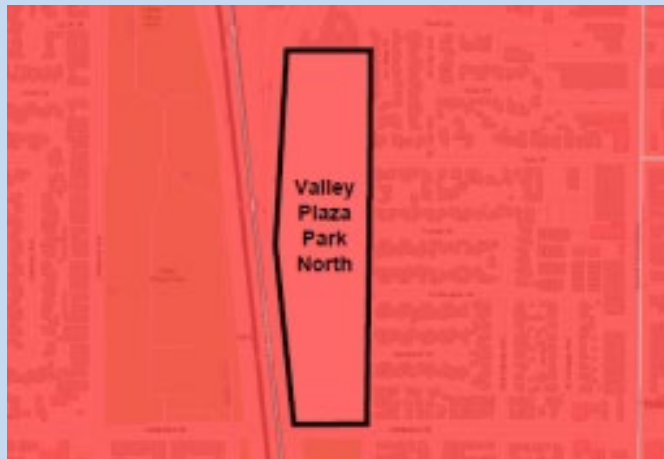
## Pollutant Load Reductions

Project	Load Reduction							
	TSS	Total Copper	Total Zinc	Total Lead	Total Phosphorus	Total Nitrogen	E. Coli	Fecal Coliform
DMG	32,223 lbs	9 lbs	101 lbs				2.96E+13 MPN	4.32E+13 MPN
VPN		34 lbs	308 lbs	29 lbs	2672 lbs	3606 lbs		4.8E+13 MPN
VPS	17,799 lbs	8 lbs	68 lbs	7 lbs	521 lbs	660 lbs	2.82E+13 MPN	1.12E+13 MPN
NoHo	252,756 lbs		960 lbs		7153 lbs	8775 lbs		

# Disadvantaged Communities

August 17, 2020

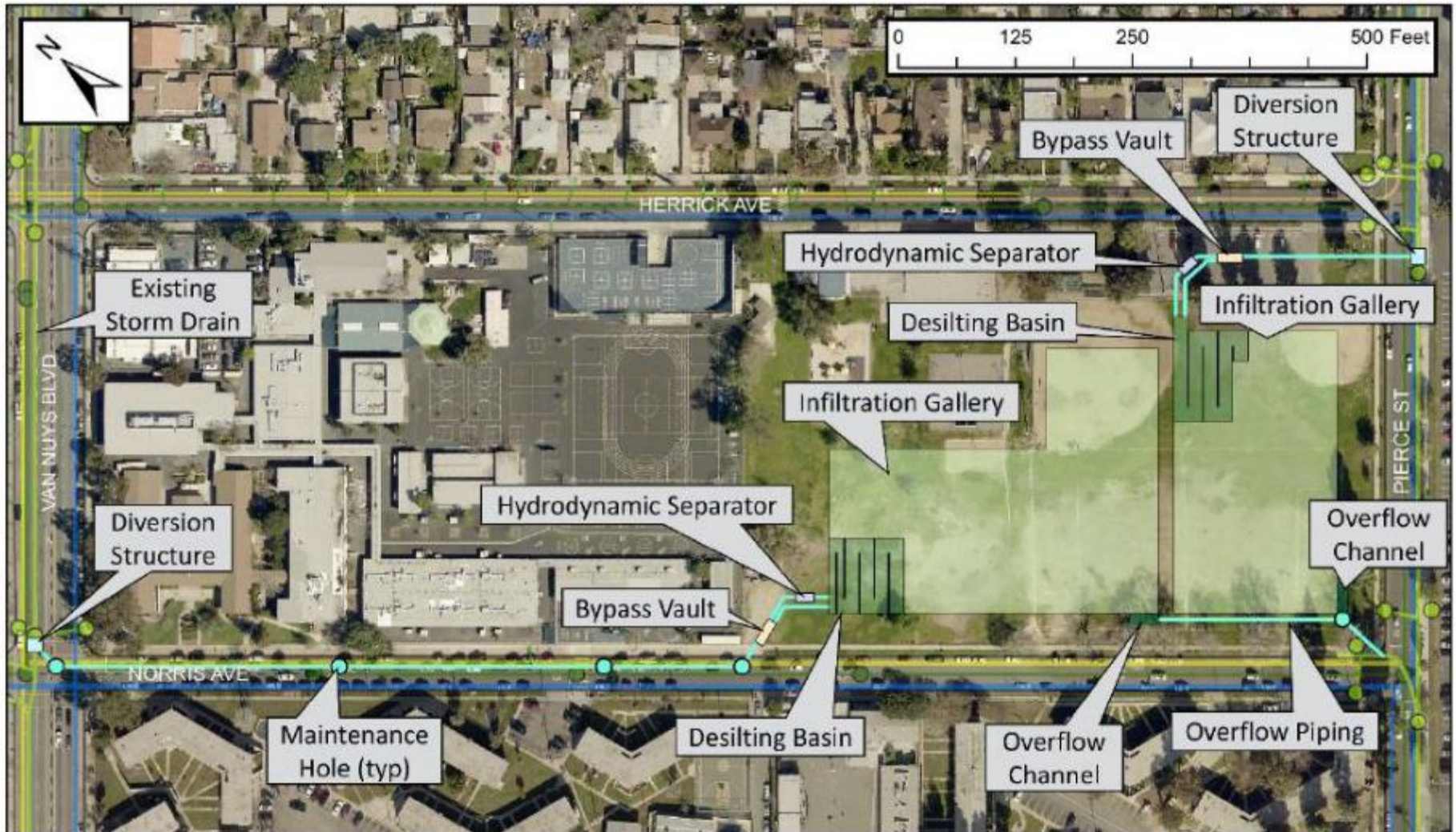
 SB 535 Disadvantaged Communities (June 2018 Update)



# David M. Gonzales Recreation Center

Approximate Area: 575 Acres

Approximate Yield: 335 AFY



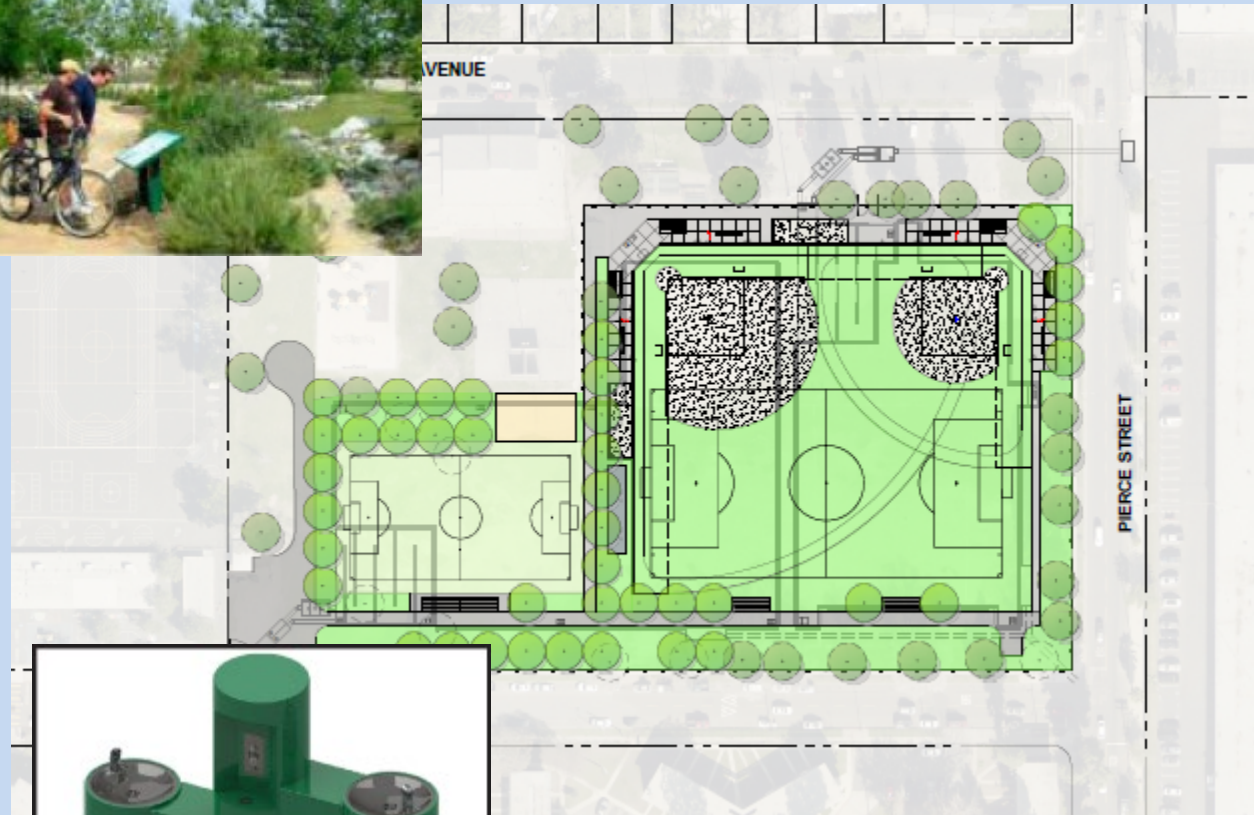


# David M. Gonzales Recreation Center

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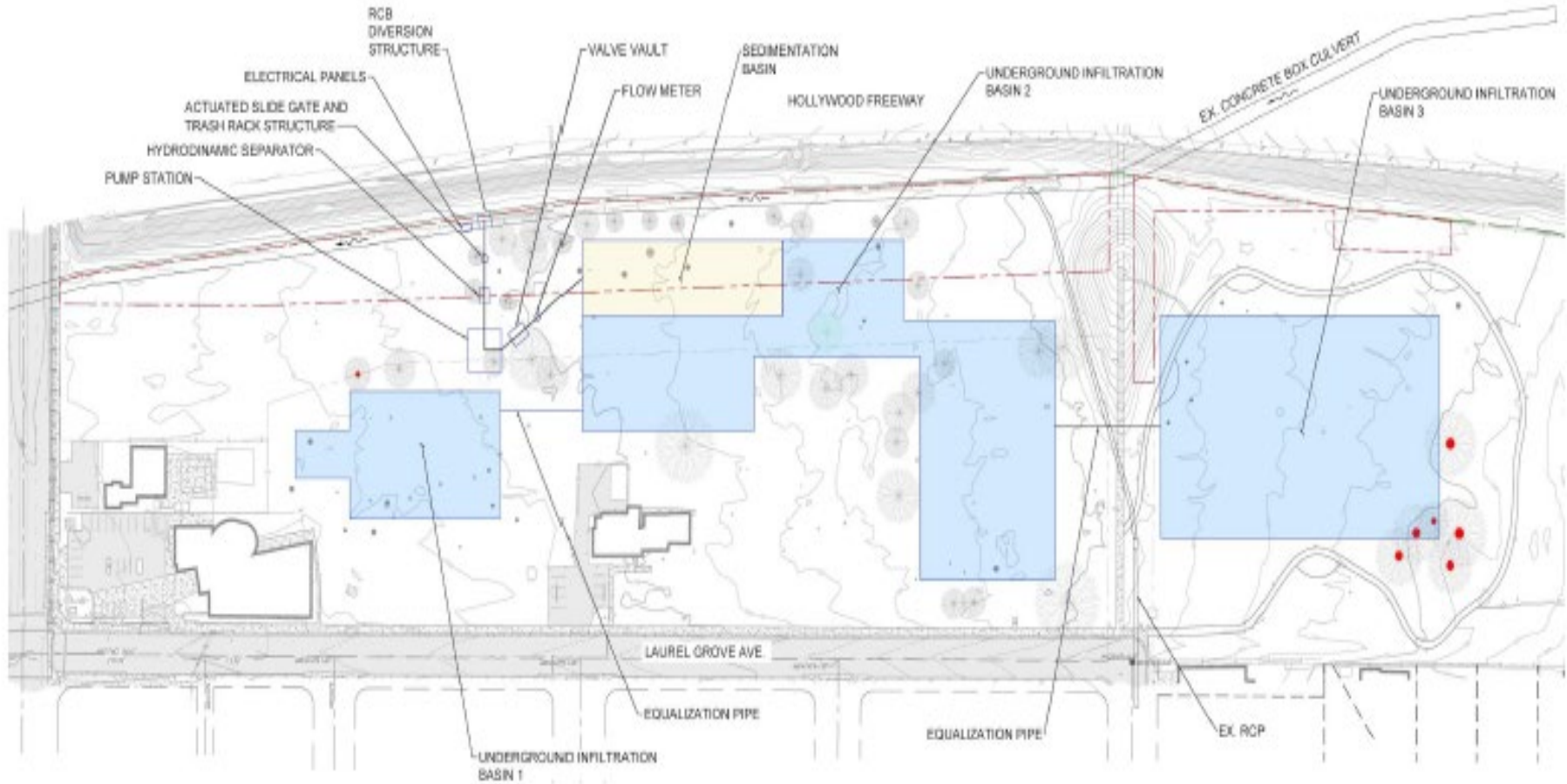
- Two new baseball fields with backstops, dugouts, batting cages and field lighting
- New synthetic soccer field
- New multi-purpose field
- Bleachers
- ADA accessible
- Hydration Stations
- Landscaping
- Refurbished and new fencing
- Replace irrigation system
- Educational Signage



# Valley Plaza Park North

Approximate Area: 854 Acres

Approximate Yield: 457 AFY

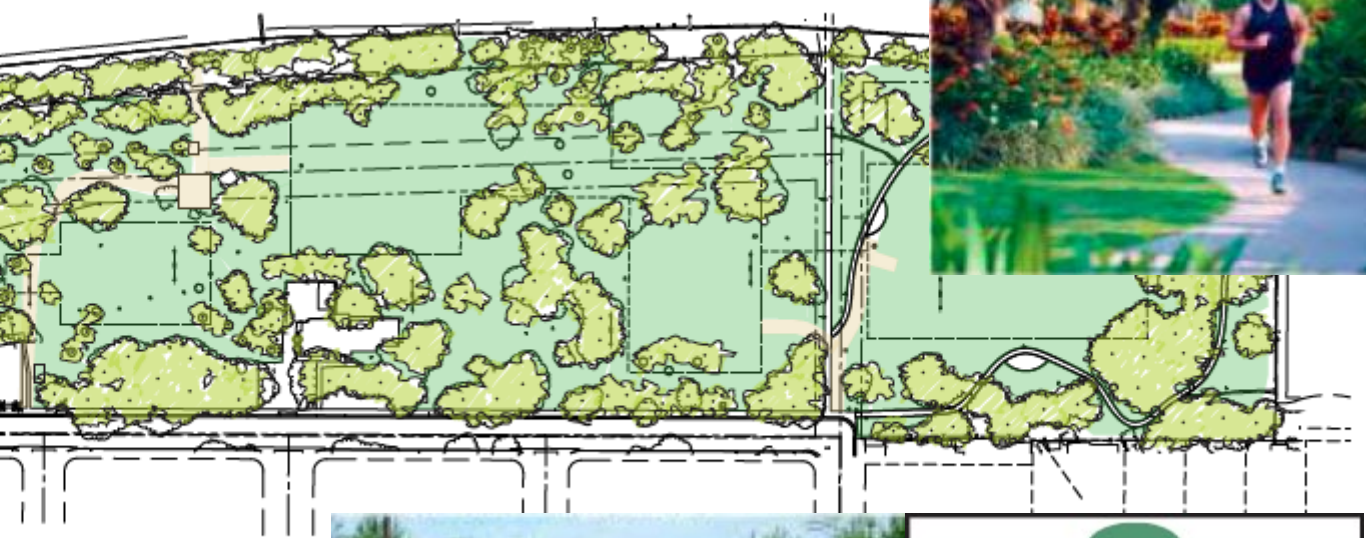




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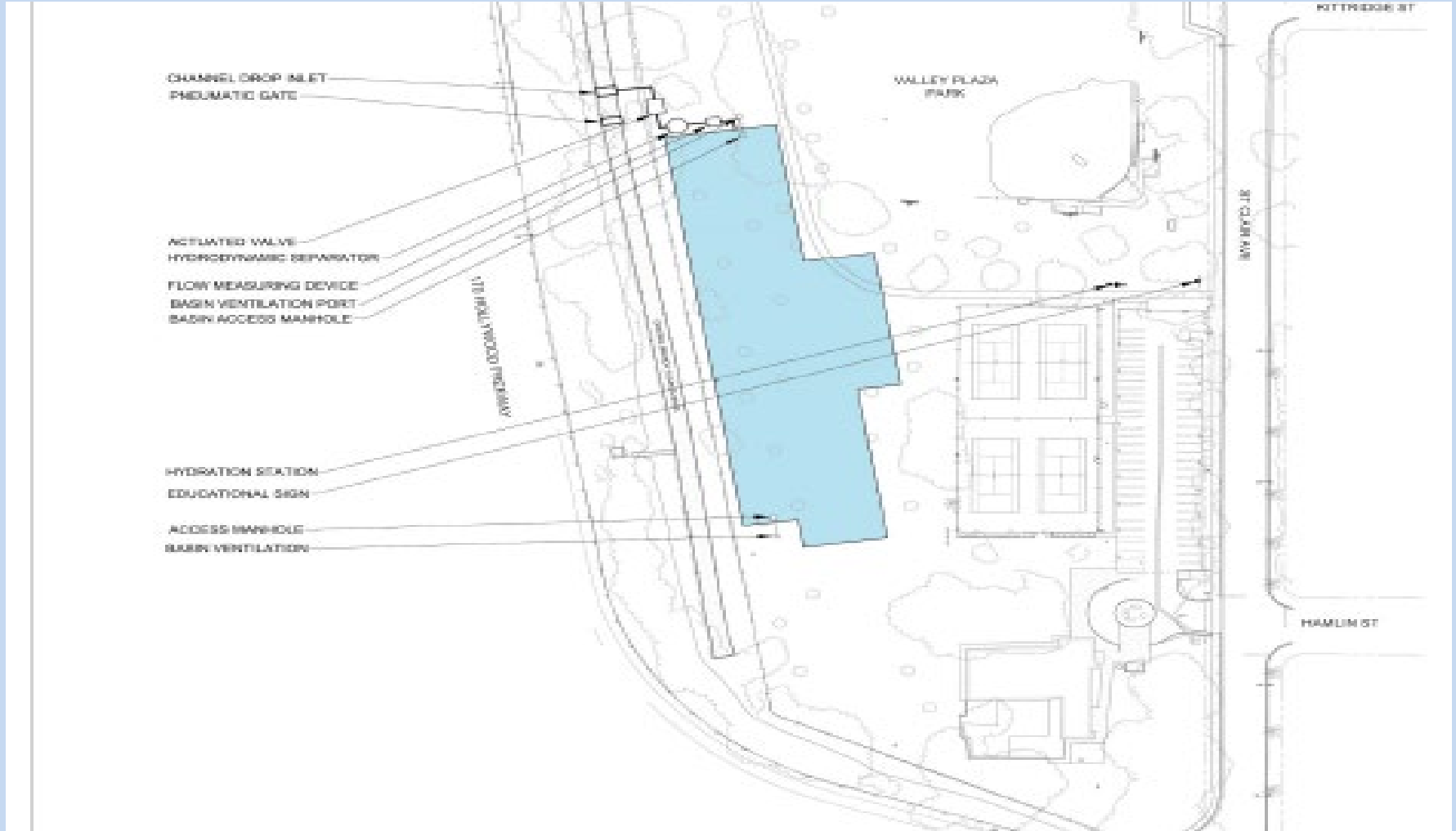
- New exercise stations
- Hydration stations
- Improved walking paths
- Educational signage



# Valley Plaza Park South

Approximate Area: 229 Acres

Approximate Yield: 136 AFY



# Valley Plaza Park South

Approximate Area: 229 Acres

Approximate Yield: 136 AFY

- Permeable pavement parking lot
- EV charging station
- Hydration station
- Educational signage

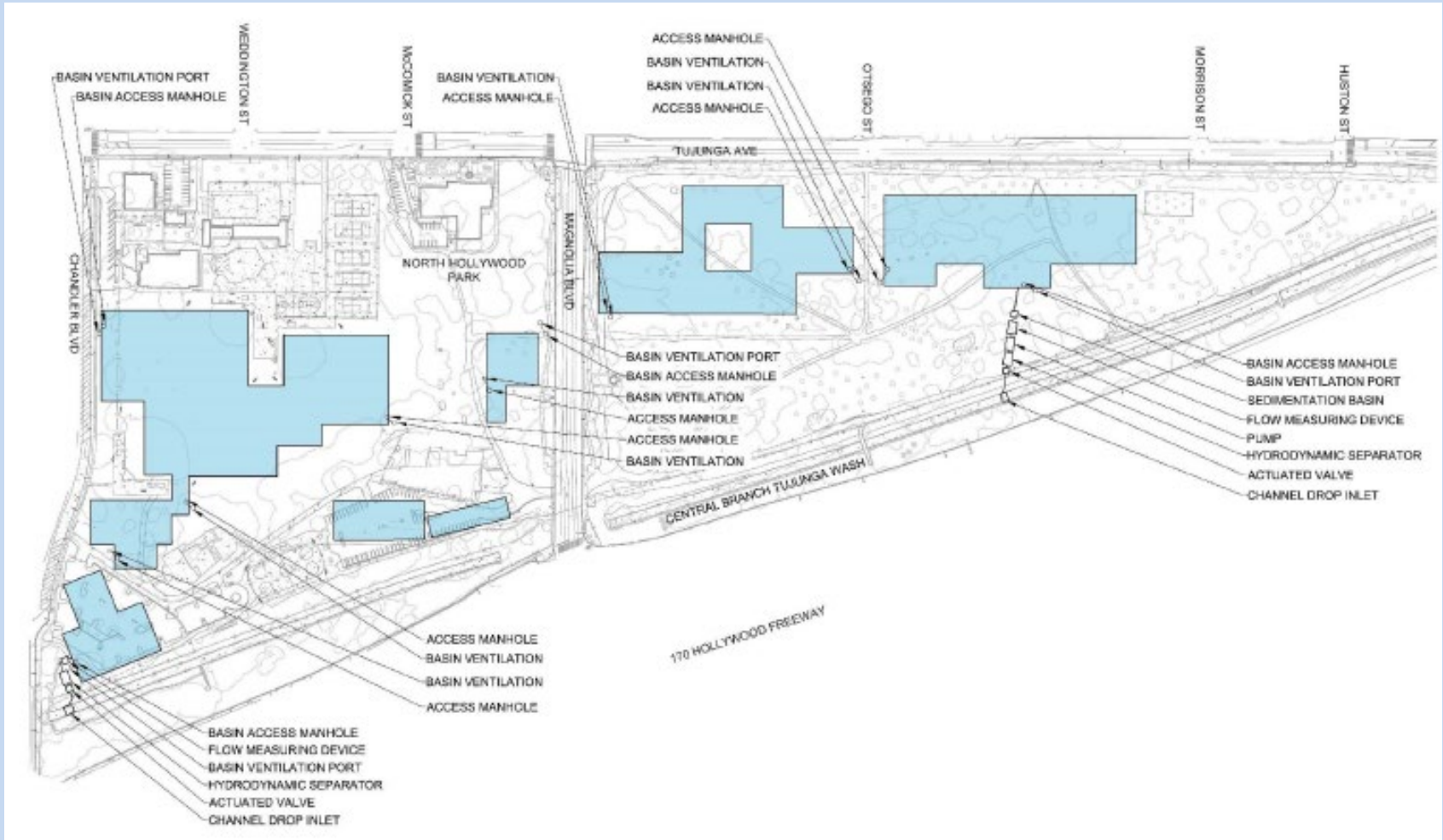




# North Hollywood Park

Approximate Area: 2,319 Acres

Approximate Yield: 1,176 AFY

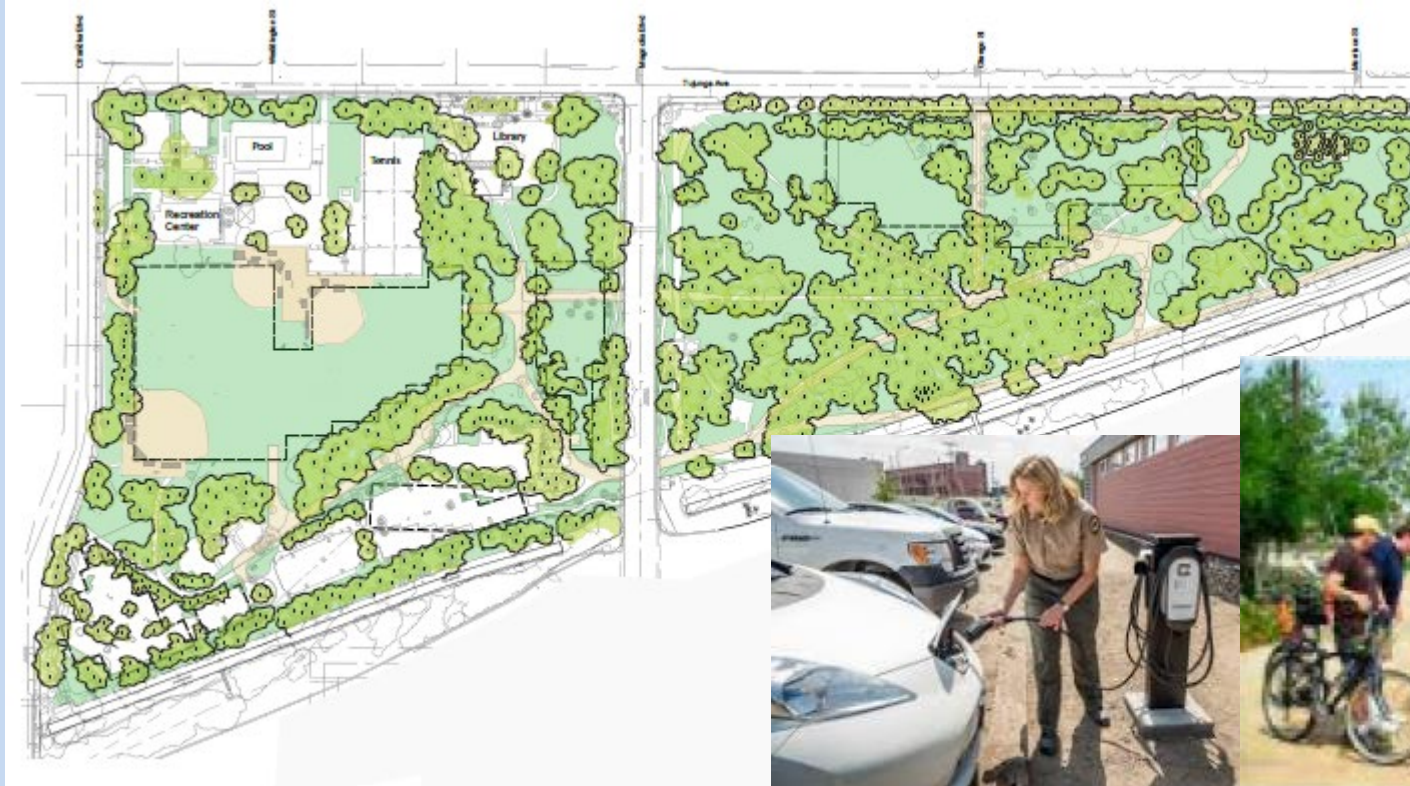




# North Hollywood Park

Approximate Area: 2,319 Acres

Approximate Yield: 1,176 AFY

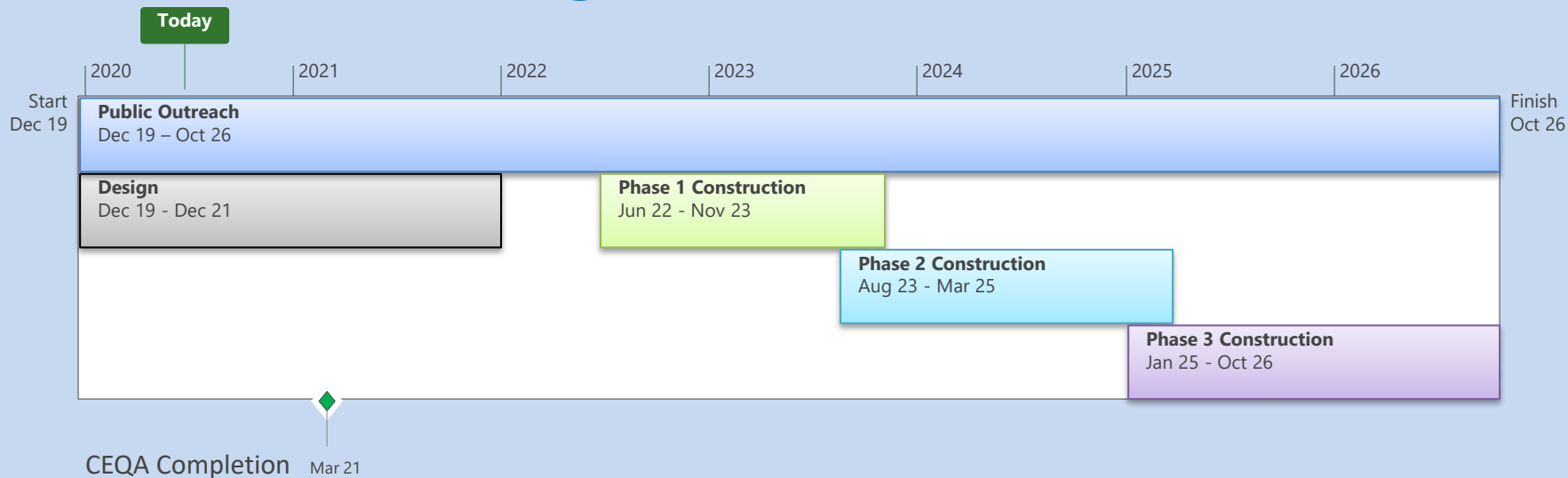


- Permeable pavement parking lots
- EV charging station
- Hydration station
- New baseball fields
- New soccer field
- New backstop and dugouts
- New bleachers with shade
- Upgraded Musco sports lighting
- Educational signage

# SCWP Funding Request

Pre-Design Reports August 2020 Update	Measure W Preliminary Score	Total Capital Cost	LADWP Cost Share		Proposed Funding Request
			Amount	%	
<b>David M. Gonzales</b> Stormwater Capture Project	<b>92</b>	\$ 39,119,000	\$ 19,756,000	50.5%	\$ 19,363,000
<b>Valley Plaza Park</b> Stormwater Capture Project	<b>92</b>	\$ 51,984,000	\$ 26,252,000	50.5%	\$ 25,732,000
<b>North Hollywood Park</b> Stormwater Capture Project	<b>76</b>	\$ 186,655,000	\$ 94,261,000	50.5%	\$ 92,394,000
<b>Total:</b>		<b>\$ 277,758,000</b>	<b>\$ 140,269,000</b>		<b>\$ 137,489,000</b>

# Program Schedule



## Preliminary Construction Phasing\*

Phase 1: David M. Gonzales

Phase 2: Valley Plaza North & North Hollywood Part 1

Phase 3: Valley Plaza South & North Hollywood Part 2

\*Construction schedules will be managed and rolled out sequentially to reduce impacts to the community.



# Community Meetings

## STORMWATER CAPTURE PROJECT COMING TO VALLEY VILLAGE AND NORTH HOLLYWOOD PARKS

Join us to learn about and provide your input on park improvements and features that will capture rainwater.

Virtual Community Meeting  
Saturday, 8/29 @ 10 AM

Registration required in advance:  
<https://bit.ly/stormwaterandparks0829>

Spanish translation provided.

## PROYECTO DE CAPTURA DE AGUAS PLUVIALES VIENE A VALLEY VILLAGE AND NORTH HOLLYWOOD PARKS

Únase a nosotros para conocer y brindar su opinión sobre las mejoras y características del parque que capturarán el agua de lluvia.

Reunión Comunitaria Virtual  
Sábado, 29 de agosto de 2020 @ 10 AM

Se requiere registro con anticipación:  
<https://bit.ly/stormwaterandparks0829>

Se proporciona traducción al español.

## Stormwater Capture Project Coming to the Park at David M. Gonzales Recreation Center Proyecto de Captura de Aguas Pluviales Viene al Parque en el Centro de Recreación David M. Gonzales



New park features will help capture rain water to increase L.A.'s local water supply, improve water quality in the L.A. River, and reduce local flooding. Each project includes park improvements and may include additional recreational features. Join us for a Virtual Community Meeting!

**Saturday, August 22, 2020 @ 10 AM**

Registration Required.  
<https://tinyurl.com/DavidMGonzalesRecCenter>

Nuevos elementos en el parque ayudarán a capturar agua de lluvia para aumentar el suministro de agua local de L.A., mejorar la calidad del agua en el Río de Los Angeles y reducir inundaciones locales. Cada proyecto incluye mejoras en el parque y puede incluir elementos recreativos adicionales. ¡Acompáñanos para una Reunión Comunitaria Virtual!

**Sábado, 22 de agosto @ 10 AM**

Registro Requerido.  
<https://tinyurl.com/DavidMGonzalesRecCenter>

[ladwp.com/Parks](http://ladwp.com/Parks)



Strathern Park North  
Virtual Community Meeting  
Saturday, August 15, 2020 @ 10 AM  
Spanish Translation Provided.

Stormwater Capture Parks Program  
Funding provided by LADWP and Measure W

Questions:  
[chris.juarez@pacbell.net](mailto:chris.juarez@pacbell.net)  
(213) 393-7022

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[chris.harris@pacbell.net](mailto:chris.harris@pacbell.net), (213) 393-7022.

<https://tinyurl.com/StrathernParkNorth>

[ladwp.com/Parks](http://ladwp.com/Parks)



Local Postal Customer

Strathern Park North  
Reunión Comunitaria Virtual  
Sábado, 15 de agosto de 2020 @

Se ofrecerá traducción de español durante la reunión  
Programa de Captura de Aguas Pluviales en Parques  
Fondos de LADWP y Measure W

Preguntas:  
[Moralesgoja@yahoo.com](mailto:Moralesgoja@yahoo.com)  
(626) 483-2878

Como entidad cubierta bajo el Título II de la Ley de Estadounidenses con Discapacidades, la Ciudad de Los Angeles no discrimina por discapacidad y, previa solicitud, proporcionará adaptaciones para garantizar el acceso igualitario a sus programas, servicios y actividades. Para garantizar la disponibilidad, cinco días o más es requerido. Para obtener más información, comuníquese con:  
[Moralesgoja@yahoo.com](mailto:Moralesgoja@yahoo.com), (626) 483-2878



[ladwp.com](http://ladwp.com)



# Community Input

## Construction

- General inquiries regarding construction schedule, if the parks will be closed during construction, how construction will impact sporting events (baseball/soccer/hockey) and nearby schools.

## Safety

- Expressed concerns with the homeless population in the parks
- Suggested improvements should consider activities that implement social distancing
- Requested security lighting near walking paths, ball fields and hockey rink

## Stormwater Capture

- General inquiry about reuse for irrigation or put into the potable water supply
- Overall acceptance/support of the projects

## Park Improvements

- Majority of input were on park improvements
- Requested more greening and trees for shade, particularly around ball fields and hockey rink
- Fully supportive of the proposed artificial turf soccer field at DMG
- Fully supportive of the improved baseball fields at NoHo and DMG
- Request bike/pedestrian paths as part of improvements to the parks
- Numerous comments requesting improvements to the hockey rink at NoHo including new bathroom/private changing rooms. Suggested partnering with LA Kings for possible funding

## Overall

- Overall, attendees are fully supportive of the projects and expressed that the improvements to the parks “will be highly utilized”.
- Community members stated that they are aware of the difference between parks in their community versus wealthier neighborhoods
- In general, the attendees expressed their appreciation for the opportunity to participate in the meetings and the candid responses to their questions, and requested to be notified of future meetings and where they can send additional ideas/feedback.

**Thank you**

Questions?



Round 2 - Alternative Cash Flow	Planned Call for Projects Submission	Anticipated Deadline	Submission Date	Stormwater Capture Yield (AFY)	Capital Cost	Annual O&M + Monitoring Cost	Total Life Cycle Cost $r = 3.375\%$	LADWP Capital Cost Share	LADWP Cost Share (%)	Proposed Funding Request										
										Requested Funding	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY26/27	FY 27/28	FY 28/29	Future FYs
Valley Plaza Park (North & South) Stormwater Capture Project	Round 2 FY 21/22	10/15/2020		593	\$ 51,984,000	\$ 383,770.00	\$ 60,340,733.28	\$ 26,252,000.00	50.5	\$ 25,732,000	-	\$ 515,000	\$ 772,000	\$ 2,059,000	\$ 2,831,000	\$ 4,118,000	\$ 5,404,000	\$ 5,147,000	\$ 4,886,000	-
David M. Gonzales Recreation Center Stormwater Capture Project	Round 2 FY 21/22	10/15/2020		335	\$ 39,119,000	\$ 373,545.00	\$ 47,253,080.13	\$ 19,756,000.00	50.5	\$ 19,363,000	-	\$ 388,000	\$ 581,000	\$ 1,550,000	\$ 2,130,000	\$ 3,099,000	\$ 4,067,000	\$ 3,873,000	\$ 3,675,000	-
North Hollywood Park Stormwater Capture Project	Round 2 FY 21/22	10/15/2020		1176	\$ 186,655,000	\$ 1,090,625.00	\$ 210,403,761.58	\$ 94,261,000.00	50.5	\$ 92,394,000	-	\$ 1,848,000	\$ 2,772,000	\$ 7,392,000	\$ 10,164,000	\$ 14,784,000	\$ 19,403,000	\$ 18,479,000	\$ 17,552,000	-
<b>Total:</b>				<b>2,104</b>	<b>\$ 277,758,000.00</b>	<b>\$ 1,847,940.00</b>	<b>\$ 317,997,574.99</b>	<b>\$ 140,269,000.00</b>		<b>\$ 137,489,000.00</b>	<b>\$ -</b>	<b>\$ 2,751,000.00</b>	<b>\$ 4,125,000.00</b>	<b>\$ 11,001,000.00</b>	<b>\$ 15,125,000.00</b>	<b>\$ 22,001,000.00</b>	<b>\$ 28,874,000.00</b>	<b>\$ 27,499,000.00</b>	<b>\$ 26,113,000.00</b>	<b>\$ -</b>
WASC Budget Remaining After Round 1 ULAR Allocation:										\$ 11,310,000.00	\$ 16,480,000.00	\$ 39,170,000.00	\$ 65,320,000.00	\$ 93,840,000.00	\$ 132,470,000.00	\$ 171,100,000.00	\$ 209,730,000.00	\$ 248,360,000.00		
WASC Budget Remaining After Round 1 & 2 Allocation:										\$ 11,310,000.00	\$ 13,729,000.00	\$ 35,045,000.00	\$ 54,319,000.00	\$ 78,715,000.00	\$ 110,469,000.00	\$ 142,226,000.00	\$ 182,231,000.00	\$ 222,247,000.00		
Percent Allocated:										71%	73%	38%	33%	29%	22%	25%	22%	19%		

DRAFT