



Carson Stormwater and Runoff Capture Project at Carriage Crest Park

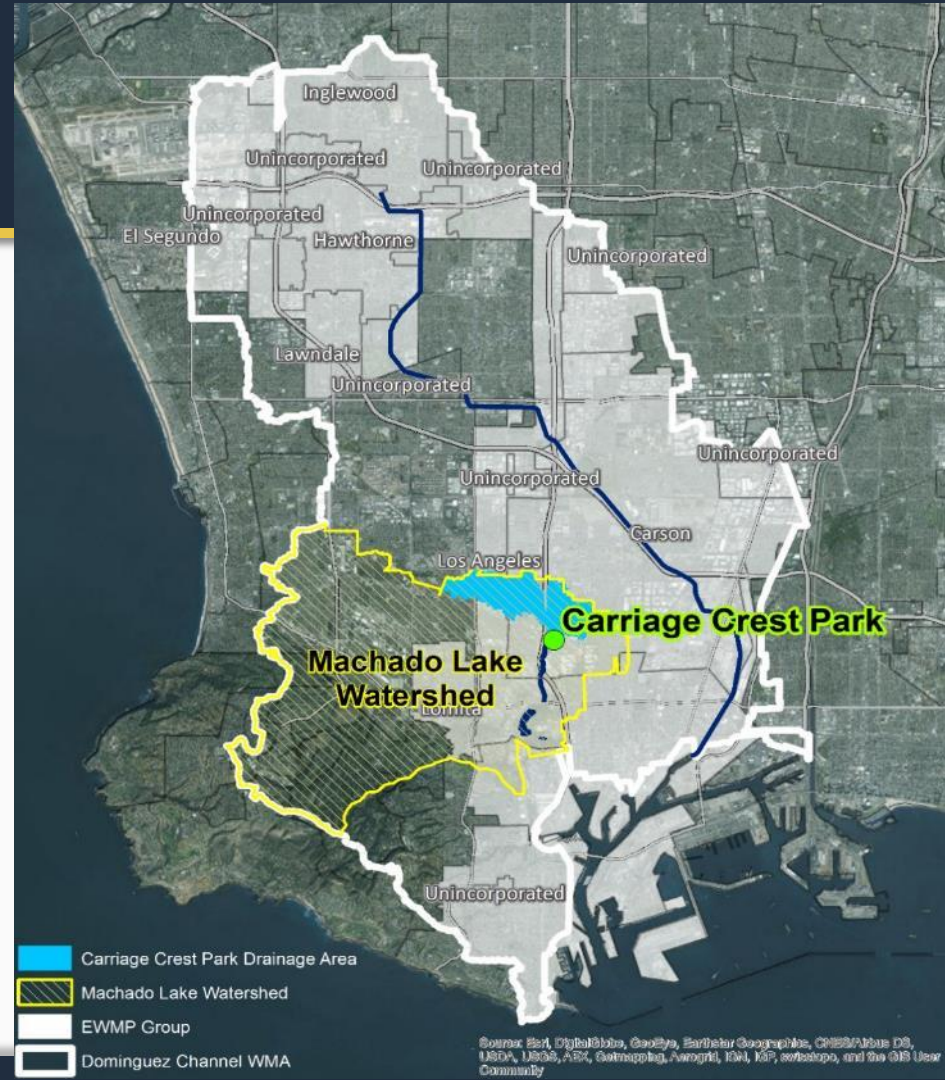
Constraints and Opportunities

TJ Moon

Los Angeles County Public Works

Carriage Crest Park

- City of Carson & Unincorporated LA County
- Goal: Address the Machado Lake Nutrients and Toxics TMDLs
- Priority project in Dominguez Channel Enhanced Watershed Management Program

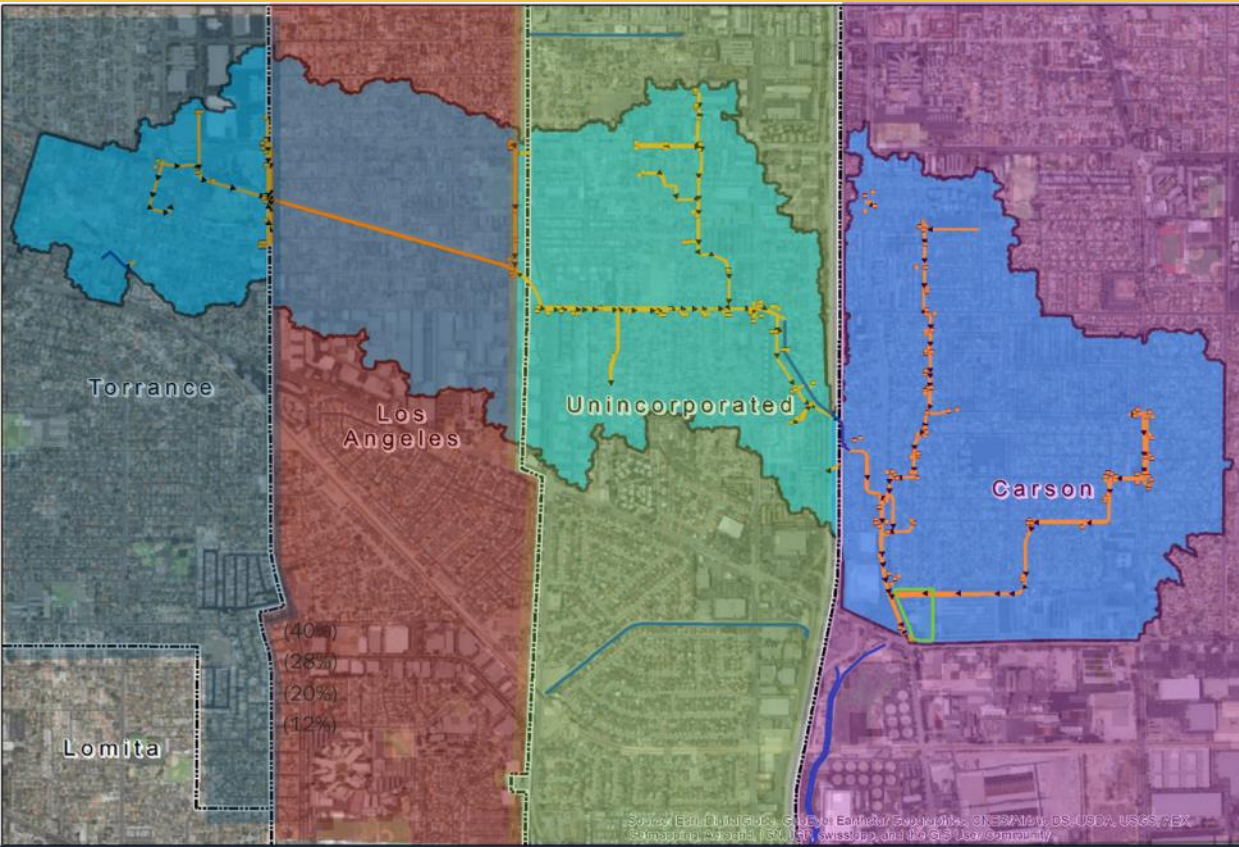


The Carriage Crest “Perfect Storm”

- Adjacent to LACFCD Storm Drain
- “Last line of defense” before Wilmington Drain
- Infiltration is infeasible
- Adjacent to Sewer Trunk Line



Watershed Characterization



Jurisdiction	Total Tributary Area (ac)
Carson	455
Unincorporated	319
Los Angeles	234
Torrance	138
Total	1,146

Project Cost

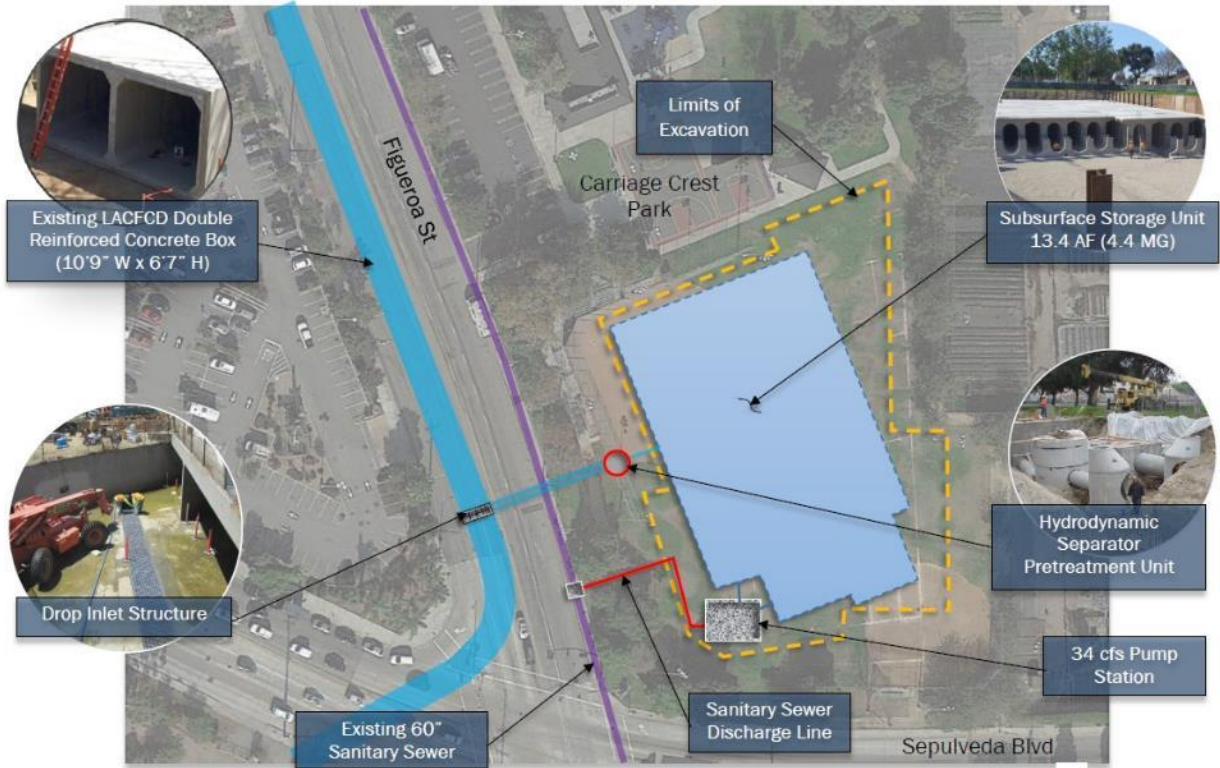


- \$13M from Caltrans
- 15 acre-feet capacity
- Annual O&M: \$180K - \$235K



- \$5.72 max contribution
- 12 acre-feet capacity
- Annual O&M: \$140K - \$185

Carriage Crest Park







Dewatering after rain storms

01/22/2019



Gallery installation

04/18/2019



Gallery installation

04/18/2019



Gallery installation



04/18/2019



Gallery installation

5/20/2019

Lessons Learned



- Creative Partnership
- Multi-Benefit Project
- Caltrans funding can require scheduling adjustments

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