Liberty Canyon Road Green Improvement Project

Project Overview

Los Angeles County is committed to building a safer, more resilient, and sustainable future by investing in regional-scaled, multi-benefit stormwater projects across the region. These projects turn parks, schools, and other public spaces into functional infrastructure that captures and treats stormwater while providing green space for our communities. The Liberty Canyon Road Green Improvement Project is a nature-based stormwater infrastructure initiative in the unincorporated area of Agoura Hills. This project is designed to improve regional water quality by capturing and treating stormwater runoff within the Malibu Creek Watershed.

The project will use green infrastructure – including bioswales, native landscaping, up to 27 trees, and permeable walkways – to reduce pollution in Las Virgenes Creek. Flow through filtration treatment systems will be utilized to treat stormwater before discharging into Liberty Canyon Channel. In addition to the environmental benefits, the project will contribute to community livability by creating greener community spaces.

Frequently Asked Questions

What is the goal of the Liberty Canyon Road Green Improvement Project?

The project aims to improve water quality in the Malibu Creek Watershed by capturing and treating stormwater runoff from nearby streets before it enters Las Virgenes Creek. The project will also create environmental and community benefits by planting additional trees and vegetation and creating passive recreation areas.

Where is the project located?

The project is located in the unincorporated area of Agoura Hills, along Liberty Canyon Road.

How much stormwater will the project treat?

The project is designed to treat approximately 0.9 acre-feet of runoff from the 85th percentile, 24-hour storm. On average, it will treat up to 2 acre-feet of runoff per year based on historical rainfall patterns.

What specific stormwater features are being built?

Key features include:

- 2 diversion structures to redirect flow
- Pre-treatment and filtration units
- A 3,480-square-foot bioswale
- 3,425 square feet of pervious walkways
- Up to 27 new trees and drought-tolerant, native landscaping

Will the project improve water quality?

Yes, runoff will be filtered through vegetation and engineered treatment systems to remove pollutants such as nitrogen, phosphorus, bacteria and sediment before reaching Las Virgenes Creek.

What are the environmental benefits?

The project will support the health of Las Virgenes Creek and improve water quality. Through adding trees and greenery, the project will create habitat for native species and reduce the heat island effect in the local community.

Why is the project using "treat and release" instead of capturing water for reuse?

Groundwater in the area is located 12–14 feet below ground surface, and local constraints –including limited right-of-way, cost, and noise concerns – make harvest and reuse impractical.

What is the timeline for the project?

- Planning Completion (PCR & PDPR): Q3 2025
- Final Plans, Specifications and Estimates: 2026
- Construction Award: Q4 2026
- Construction Start: Q1 2027
- Construction Completion: Q1 2028

How much will the project cost?

The total estimated cost is $4.2 million.

Has the community been involved in the project?

Initial outreach began in 2021. We received letters of support from local stakeholders including the Liberty Canyon Homeowners Association and TreePeople. Additional engagement will occur during the design phase.

Is the project safe for the surrounding neighborhood?

Yes. All treatment systems will be located in or adjacent to the public right-of-way and designed in compliance with County safety standards. The project will enhance rather than disrupt the local environment.

How can I learn more or share feedback?

For more information, please contact Project Manager Alberto Grajeda at algrajeda@pw.lacounty.gov. Additional outreach opportunities will be announced during the design phase.