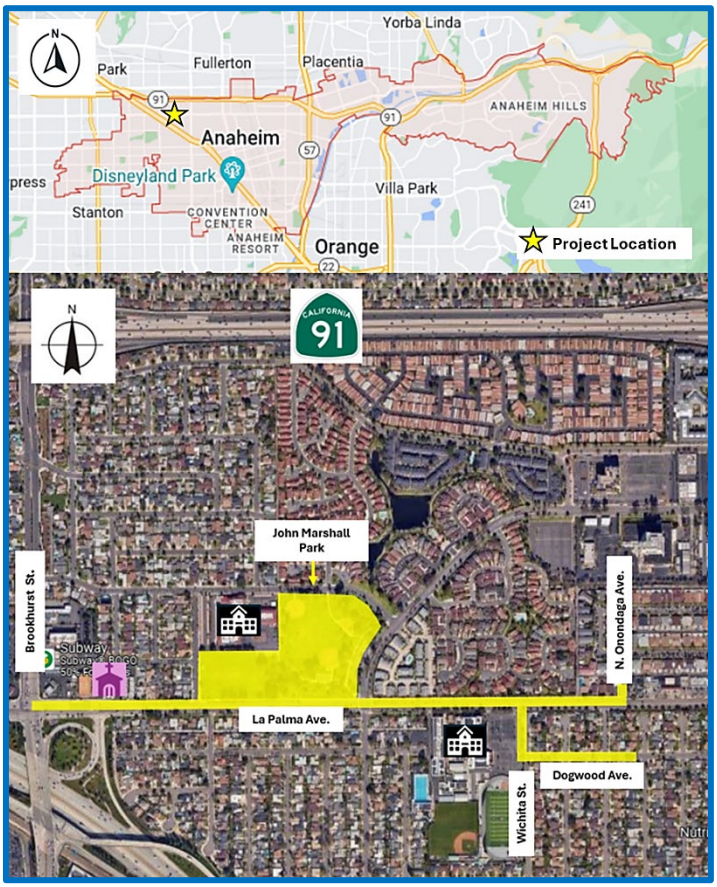
LA PALMA AVENUE STORM DRAIN IMPROVEMENT AND RESILEINCY PROJECT

Project Overview

La Palma Avenue, located in northwest Anaheim, is an important corridor that provides access to schools, jobs, medical care, and other critical services for Anaheim residents, visitors, and workers. It also provides access to two major highways – State Route 91 and Interstate 5 – and is an important entry point to **CtrCty** (Center City), an economic engine for the City and Anaheim's historic and cultural heart. Bus stops and sidewalks in the project limits provide multimodal transportation options.

Flooding on La Palma Avenue occurs between west of Brookhurst Street to the west and Onondaga Street to the east following 2-year storm events due to a lack of underground stormwater infrastructure. This creates safety and accessibility issues for residents, pedestrians, bicyclists, transit riders, and vehicular traffic. Flooding necessitates lane closures, causing increased traffic congestion and limiting access to community destinations. These conditions particularly impact disadvantaged communities located within and adjacent to the project area. Flooding frequency and severity will increase as a result of climate change.



ABOVE: Intersection at La Palma and Fairview Street is submerged after a moderate rain event on January 11, 2023.

Project Scope

To mitigate frequent flooding events and improve climate resiliency, the City of Anaheim proposes to construct a new underground stormwater management system to divert stormwater from La Palma Avenue into storm drains that will connect to Caltrans storm drains at the west end of the project limits. Currently, stormwater is diverted via overland flow using a curb and gutter system, which is insufficient for moving stormwater off the roadway. Additional project elements will enhance pedestrian and transit infrastructure, ADA access, safety, and pollution reduction. The project includes robust community outreach during project design to garner community input. The Project limits encompass a 0.75 mile stretch of La Palma Avenue, an additional approximately 1,425 linear feet onto Wichita Avenue, Dogwood Street, and other side streets, and upgrades in John Marshall Park.

Project Outputs (Approximate Numbers)

- **5,325** linear feet of underground storm drain piping.
- **22** catch basins and trash screens.
- **1** detention basin
- **9** ADA accessible curb ramps with tactile paving and **12** accessible pedestrian signals.
- **15** trees and **16,000 square feet** of bioswales.
- **10** streetlights, **12** upgraded traffic light heads, and **7** LED lit street signs.
- **1** protective permissive left turn phasing system, **1** vehicle detection technology system, and **2** emergency vehicle preemptive systems.
- **7** upgraded bus stops.
- **15** pathway lights and **1** water station (in John Marshall Park).

Project Outcomes

Enhances climate resilience of an important roadway and entry point in northwest Anaheim.

Supports greater mobility by preventing lane closures and enhancing active transportation infrastructure.

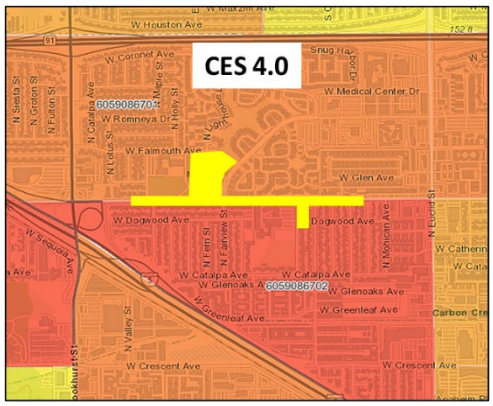
Improves accessibility to public transit, active transportation infrastructure, and key community destinations.

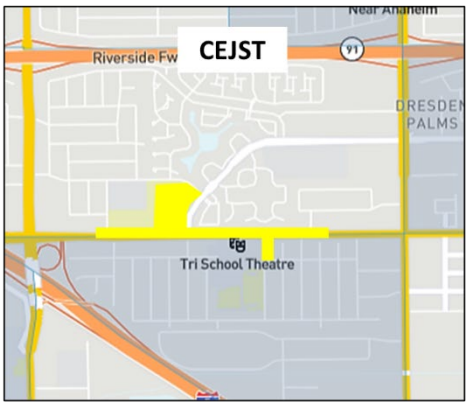
Enhances economic vitality by eliminating impacts due to lane closures, congestion, and roadway damage.

Supports environmental protection by incorporating green elements.

Improves safety by removing hazardous flood conditions and adding lighting along the road and active transportation routes.

Provides transportation and environmental equity for disadvantaged communities.





ABOVE: The project will provide direct benefits to disadvantaged and underserved communities.

Cost Estimate

TOTAL PROJECT COST	**$21,997,000**

Funding Plan

LTCAP Fund Request		$19,797,000
Local Cash Match		$2,200,000 (10% Match)

Schedule

Preliminary Engineering	07/26
Environmental Complete	03/25
Final PS&E	07/26
Construction Complete	07/28
Project Closeout	11/28