Whitnall Gardens Stormwater Capture Project

PROJECT DESCRIPTION

The Whitnall Gardens is a project concept developed by the Los Angeles Department of Water and Power (LADWP). The project site is located immediately southeast of the Whitnall Highway Power Transmission Line Right-of-Way Stormwater Capture Project. The project concept is a small-scale pilot project to serve as a demonstration to other potential projects in the San Fernando Valley. Main project features include a proposed infiltration basin 16,000 square feet in area and 2-feet deep to capture stormwater runoff near the intersection of Clybourne Ave and Whitnall Hwy. The objectives of the Whitnall Gardens Stormwater Capture Project include the reduction of local flooding, groundwater replenishment, and enhanced open space opportunities. Currently, the Project's site is used as a temporary parking lot, which will last until 2021, to support local businesses affected by LADWP's trunkline construction. Once construction is complete, Power System will replace the transmission lines above the project site, which is estimated to last until 2026.

PROJECT LOCATION

The Whitnall Gardens Stormwater Capture Project is located in the Sun Valley Watershed in the northeast San Fernando Valley. The project's power transmission line right-of-way is located along Whitnall Highway between Cahuenga Blvd and Clybourne St. This project lies under the jurisdiction of City of Los Angeles, Council District 2.

PROJECT BENEFITS

- Estimated stormwater capture of 25 acre-feet per year
- Improved downstream water quality
- Reduced local flooding
- Open space opportunities

Whitnall Gardens
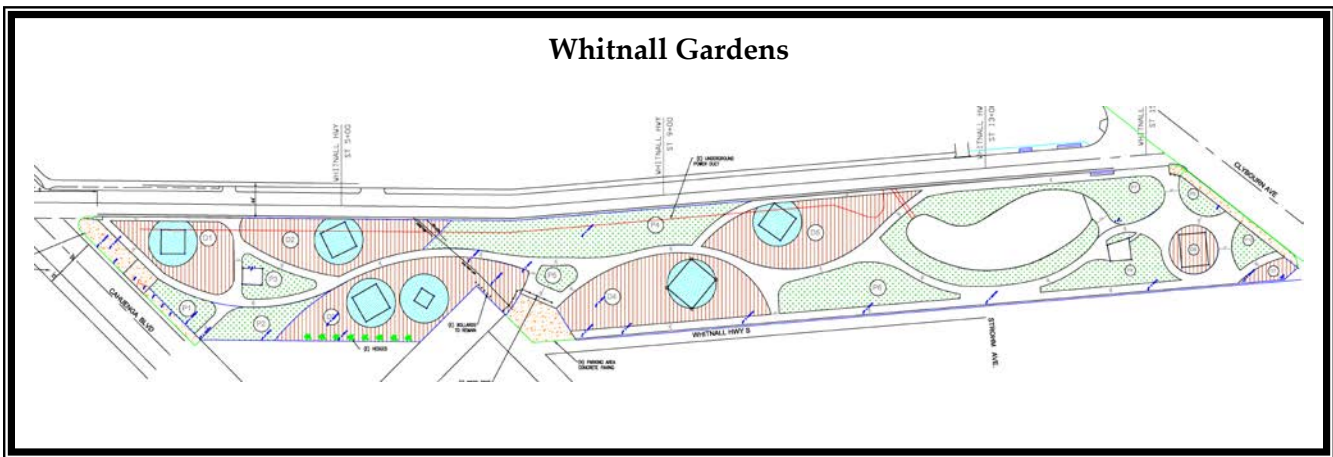
PROJECT SCHEDULE
- Construction TBD

PROJECT COST
- Total estimated construction cost is $1.3 million.

PROJECT PARTNERS/SUPPORTERS

- Los Angeles Department of Water and Power
- City of Los Angeles, Bureau of Sanitation

COOPERATIVE EFFORTS

- LADWP Stormwater Capture Master Plan
- LADWP Urban Water Management Plan 2015
- One Water LA
- Sun Valley Watershed Management Plan