



Green Infrastructure & Stormwater Management CASE STUDY

Paramount Dills Park

Location: 6500 San Juan Street, Paramount, CA

Client: City of Paramount

Design Firm(s): Moore Iacofano Goltsman Inc.

Landscape architect/Project contact: Oscar Johnson

Email: oscarj@migcom.com

ASLA Chapter: None

Project Specifications

Project Description: This was an existing park adjacent to the Los Angeles River. The improvements consist of play equipment, par course equipment, trails, restroom, main building, native plantings, site furniture and passive turf areas. Stormwater treatment consisted of water filtration inserts in the catch basins at the ends of 7 cul de sacs that terminated into the park, as well as water storage/infiltration units. Natural bioswales were also captured any overflow from the infiltration units. Permeable concrete paving was also used in the park.

Project Type:

Open space - park

A retrofit of an existing property

Design features: Bioswale. Stormwater treatment consisted of water filtration inserts in the catch basins at the ends of 7 cul de sacs that terminated into the park, as well as water storage/infiltration units. Natural bioswales were also captured any overflow from the infiltration units. Permeable concrete paving was also used in the park.

This project was designed to meet the following specific requirements or mandates: To meet funding criteria, developer/client preference

Impervious area managed: 1 acre to 5 acres

Amount of existing green space/open space conserved or preserved for managing stormwater on site: 1 acre to 5 acres

The regulatory environment and regulator was supportive of the project.

Did the client request that other factors be considered, such as energy savings, usable green space, or property value enhancements? No.

Cost & Jobs Analysis

Estimated Cost of Stormwater Project: \$1,000,000-\$5,000,000 (Public funding: State, local)

Was a green vs. grey cost analysis performed? No

Cost impact of conserving green/open space to the overall costs of the site design/development project: No cost analysis was done for this.

Cost impact of conserving green/open space for stormwater management over traditional site design/site development approaches (grey infrastructure)? Did not influence costs.

Number of jobs created: 100

Job hours devoted to project:

Planning and Design: 1,000

Construction: 5,000

Annual Maintenance: 2,000

Performance Measures

Stormwater reduction performance analysis:

90%

Community & economic benefits that have resulted from the project: Existing properties were enhanced and property values, although not measured, more than likely experienced increased property values as a result of the improvements to the park.

Additional Information

Links to images: <ftp://ftp1.migcom.com/client-dropbox/Paramount Dills Park ASLA form photos/>