



INDUSTRY BUSINESS CENTER MASTER LANDSCAPING CONCEPT PLAN Habitat Restoration Technical Studies

Client

Successor Agency to the Industry Urban
Redevelopment Agency (IUDA)

Reference:

Josh Nelson, City Engineer

15625 East Stafford Street

City of Industry, CA 91744-0366

626-956-3288

jnelson@cityofindustry.org

Contract: \$424,646

Schedule: 2012 - ongoing

Service Area/Region of Impact:

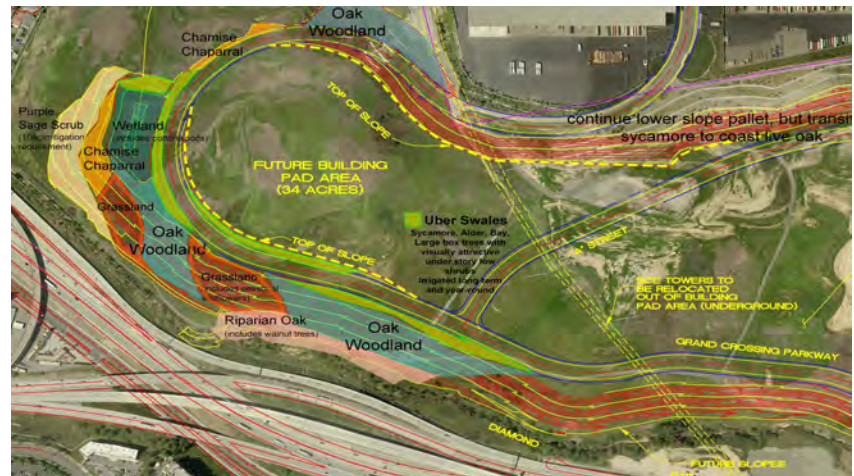
- Los Angeles County
- City of Industry

Key Team Members:

- **Principal** • Alissa Cope
- **Biologists** • Kris Alberts
- Mike Misenhelter
- Henry DiRocco

Major Work Products:

- Preparation of the Master Landscaping Concept Plan
- Assistance in the preparation Concept Design drawings
- Technical assistance with the phased project implementation (ongoing)



Overview

The 591.7-acre multi-phased industrial complex EIR (prepared by PlaceWorks) required installation of native landscaping on 400+ acres of slopes along over 8 miles of access and perimeter roads, numerous stormwater basins and bioswales, and landscaped slopes to reduce water use and erosion potential.

Scope of Work

Sage Environmental Group's scope of work included preparation of the Master Landscaping Concept Plan, assistance in the preparation of Concept Design drawings by the project's landscape architect, and technical assistance with the phased project implementation.

Master Landscaping Concept Plan

The Plan includes creation of oak woodland and savanna, riparian walnut woodland, grassland and wildflower, and coastal sage habitat zones. It considered site baseline conditions to determine appropriate regionally-specific, native plant selection. These included soil type (very alkaline exposed sub-soils), slope aspect, gradient, herbivory, mature plant height/density, and plant longevity to reduce long-term maintenance and replacement costs. Irrigation was designed per habitat zone (e.g. separate systems for coastal sage scrub, native grassland, oak woodland and riparian habitat areas).

The Plan included photobook presentation materials for client use in presenting the Plan. The Plan included extensive native plant pallet designed to provide seasonal color, textural variety and species longevity. The conceptual layout was prepared in close collaboration with IUDA staff, the IUDA's engineer, and the IUDA's landscape architect.

Status: Sage Environmental Group is currently providing technical assistance to the IUDA's landscape architect during the implementation phase. Implementation and monitoring commenced in 2012 with a three-acre test plot. A subsequent 40 acres was planted in 2013 and another 30 acres in 2015. An additional 60 acres is planned for 2019 planting.

Benefit: Sage Environmental Group worked closely with the Successor Agency to the Industry Urban Redevelopment Agency to develop an innovative Master Landscaping Concept Plan utilizing native plants that are long living, low maintenance and drought tolerant. Slope stabilization and stormwater control were critical design criteria.