City of Hayward Revamps Roadway with Remarkable Success

Route 238 Corridor Improvement Project, Hayward, CA

Hayward's five-mile long capital improvement project features Bay-Friendly landscaping with nearly 700 new trees and 50,000 new shrubs and other plants.

2.1 million
Gallons water saved annually

5+ acres
Sheet mulched to improve soil

362 tons CO_2
Greenhouse gas emissions avoided

LANDSCAPE SUCCESS STORIES

STOPWASTE
at home • at work • at school

Covering 73 acres, the City of Hayward's Route 238 Corridor Improvement project is the biggest Bay-Friendly Rated Landscape to date. This ambitious effort transformed a congested, barren-looking thoroughfare into an attractive roadway employing state-of-the-art traffic management technology, environmentally friendly and water-efficient landscaping, improved pedestrian and bicycle access, and energy-saving street lighting. Virtually all the asphalt and concrete construction debris — nearly 30,000 tons — was recycled. The Bay-Friendly design includes turf-free medians planted with species that require little irrigation. Sheet mulch — layers of cardboard, compost and mulch — was used in planting areas to control weeds without chemicals. The compost increases organic matter content and acts like a sponge to retain soil moisture. *StopWaste provided Hayward with technical assistance and a $30,000 grant for earning the Bay-Friendly Rated Landscape label.*

Bay-Friendly Rated Landscape Score

95
(60 points min.)

The Bay-Friendly Rated Landscapes program recognizes excellence in high performance landscape design, construction and maintenance in the San Francisco Bay Area. Learn more: www.bayfriendly.org

A diverse array of nearly 50 plant species — most of which need little or no summer water — enlivens the roadway.

Project Type: Streetscape Improvement

Location: Route 238, Hayward, CA (from Mattox Rd. to Industrial Parkway) **Size:** 73 acres including nearly 7 acres of irrigated landscaping **Project completed:** 2013 **Property owner:** City of Hayward **Landscape architect:** Haygood and Associates **Landscape contractor:** Valley Crest **Bay-Friendly Rater:** Cynthia Greenberg, Placeworks **Photos:** City of Hayward ("Before" inset), Emily Hagopian **Success Story published:** 6/2015

"Bay-Friendly's whole-system approach to landscapes includes commitment to sustainable maintenance practices."

—Michelle Koo
City of Hayward

Water Use

Allowed by Code	Estimated Use
5.5 million gal/yr	3.4 million gal/yr

Annual Savings

Water:
$12,000+
(estimated)

Plant debris reduction:
59 tons

High Performance Highlights

- Water Saving Plants
- High Efficency Irrigation
- Integrated Pest Management
- Sheet Mulch
- Compost & Mulch = Healthy Soil
- Bay-Friendly Maintenance
- Verified sustainable landscape

STOPWASTE
at home • at work • at school

StopWaste is a public agency responsible for reducing waste in Alameda County. Find resources for creating healthy soils and landscapes at www.stopwaste.org/landscape