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** Greenhouse gas emissions avoided

**City of Hayward Revamps Roadway with Remarkable Success**

Route 238 Corridor Improvement Project, Hayward, CA
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

High Performance Highlights

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

Water Use

<table>
<thead>
<tr>
<th>Allowed by Code</th>
<th>Estimated Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5 million gal/yr</td>
<td>3.4 million gal/yr</td>
</tr>
</tbody>
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Annual Savings

Water: $12,000+ (estimated)
Plant debris reduction: 59 tons

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