

SAN FRANCISCO



ESTUARY  
PARTNERSHIP



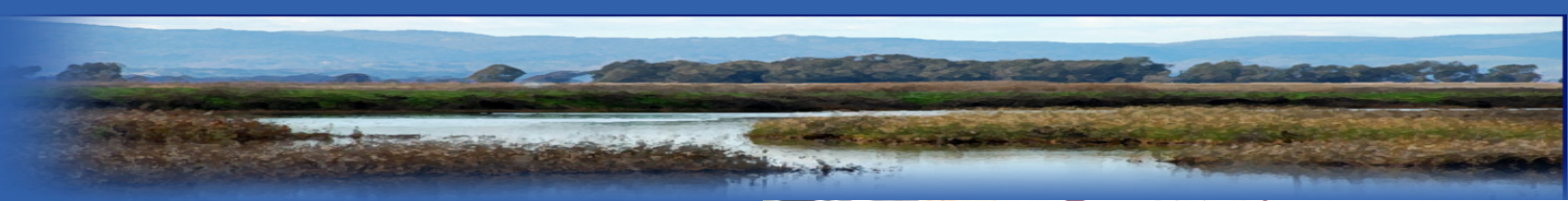
# San Pablo Avenue Green Stormwater Spine

## Project Overview

Sept 24, 2012

Joshua Bradt



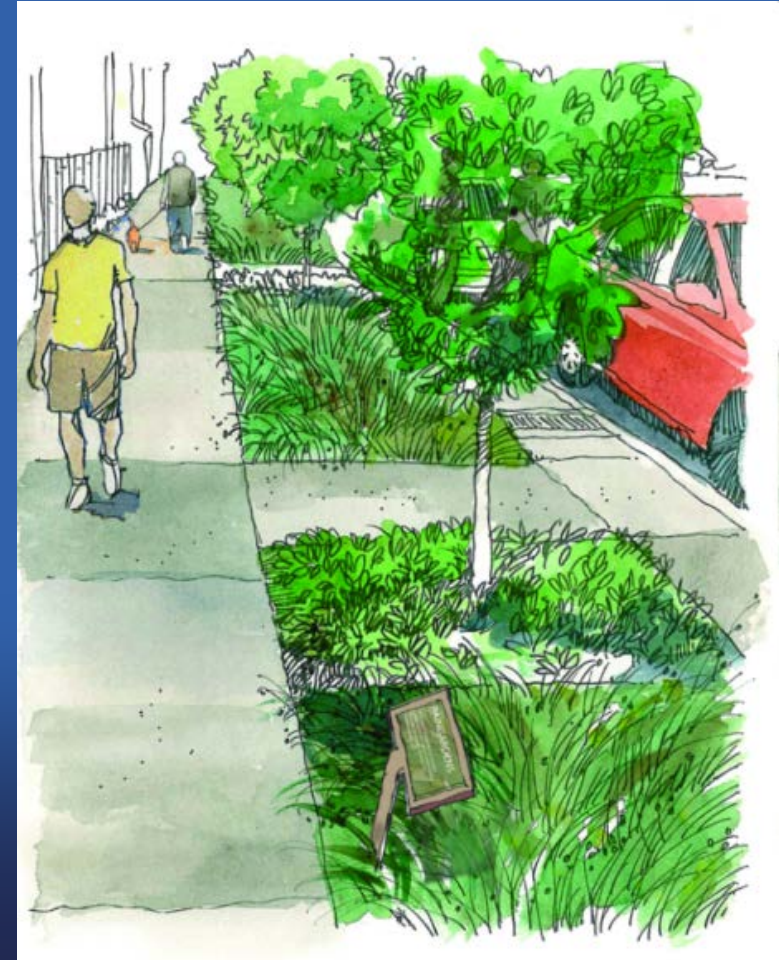


- Project Approach/Goals
- Partners & Rolls
- Project Components & Timeline
- Funding Sources
- Status Update



# San Pablo Avenue Green Stormwater Spine Project Description/Approach

- Implement green infrastructure facilities in seven cities along SPA
- Treat runoff from 7 acres of impervious surface (min.) – one acre per city
- Emphasis on vegetated approaches in public right-of-way





## Four Key Project Goals

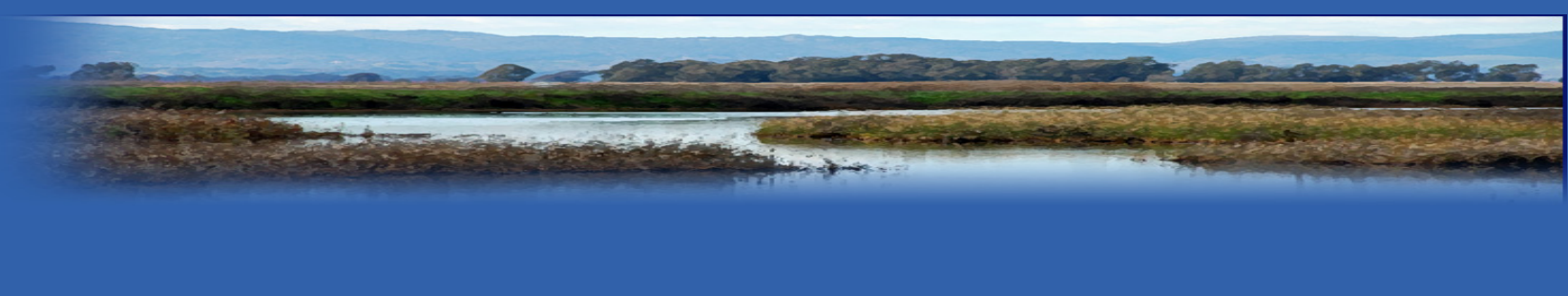
- Demonstrate Benefits and Effectiveness of Green Retrofits
- Improve Water Quality
- Increase Public Awareness
- Increase Municipal Acceptance





# Project Partners and Roles

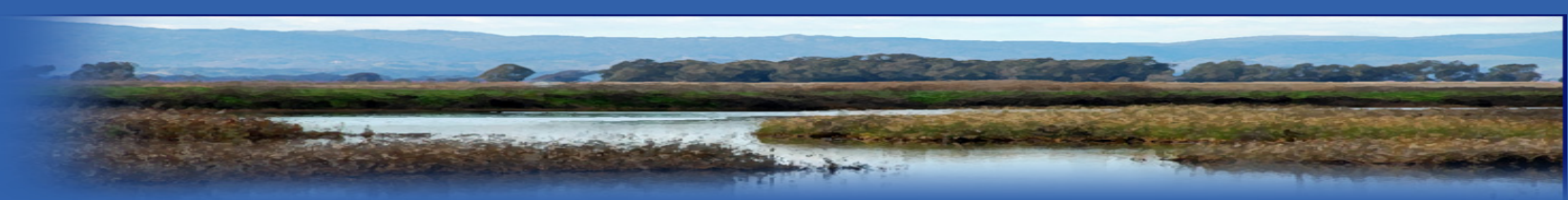
Estuary Partnership (Project Manager)	City Partners	SF Estuary Institute	Bay-Friendly Coalition
<ul style="list-style-type: none"> <li>• consultants</li> <li>• contractors</li> <li>• CEQA process</li> <li>• outreach efforts</li> <li>• model ordinance</li> <li>• grant reporting budgets</li> </ul>	<ul style="list-style-type: none"> <li>• Site selection and available information</li> <li>• Design review/approval</li> <li>• facilitate local permit acquisition</li> <li>• local outreach participation</li> <li>• maintenance training workshop attendance</li> <li>• long-term maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Project Assessment &amp; Evaluation Plan</li> <li>• water quality &amp; hydrologic monitoring</li> <li>• ReNUWit -- specialized water quality monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Planting plan guidance</li> <li>• Bay-Friendly certified rating (all sites)</li> </ul>



<b>Major Project Tasks</b>	<b>Timeline</b>	<b>Funding Source</b>
<b>Project Management/Admin</b>	On-going-Dec 2015	All funders
<b>Final Design &amp; Engineering</b>	Spring 2013	EPA/UG
<b>Environmental Review &amp; Permits</b>	Spring 2013	EPA/UG
<b>Construction &amp; Construction Management</b>	Summer-Fall 2013	Caltrans/IRWM/UG
<b>Water Quality &amp; Hydrologic Monitoring</b>	Winter 2015	IRWM
<b>Plant Establishment/Maintenance</b>	Spring 2014-Fall 2015	IRWM/UG
<b>Model Green Infrastructure Ordinance</b>	Fall 2014	EPA
<b>Regional Outreach</b>	On-going-Dec 2015	IRWM



Funding Sources	Total Amount
US EPA – San Francisco Bay Water Quality Improvement Fund	\$307,646
California Department of Transportation (SF-Oakland Bay Bridge Mitigation)	\$1,800,000
DWR – Integrated Regional Water Management Program (Prop 84)	\$2,000,000
Strategic Growth Council – Urban Greening Project Grant (Prop 84)	\$717,692
<b>TOTAL AMOUNT</b>	<b>\$4,825,338</b>



## Status Update

- Design – Sites Selected, Schematics underway, utility & soils investigations upcoming
- Contracts/Agreements in development – City partners, Caltrans, Urban Greening, SFEI
- Contracts/Agreements not started – Bay Friendly Coalition, ReNUWit (fall)
- CEQA – anticipate CatEx filing, under review by ABAG Legal Counsel



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Photograph by Dan Cloak

