Holloway Green Street

SSIP Phase 1: Green Infrastructure Projects

Presentation for the CAC Bicycle Subcommittee
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Grey. System & Seismic Reliability & Redundancy

Green. Innovative Stormwater Management Solutions

Clean. Protecting Our Bay & Pacific Ocean
PHASE 1 GREEN INFRASTRUCTURE PROJECTS

WESTSIDE
- Richmond Watershed
- Sunset Boulevard Greenway
- Holloway Green Street

BAYSIDE
- Chinatown Green Alley
- Wiggle Neighborhood Greenway
- Mission & Valencia Green Gateway
- Yosemite Creek Daylighting
- Sunnydale Watershed
- Northshore Watershed
- Channel Watershed
- Islais Creek Watershed
- Yosemite Creek Watershed
Lake Merced Watershed

- 4.3 square miles
- 42,800 population
- 27,300 daily water users
- 45% covered in impervious surfaces
- 15% covered with rooftops
- 15% covered by streets
- 51% made up of parks and lakes

*Please note these numbers are approximate.*

Project Area
Green Infrastructure Planning Approach

I. Goals & Performance Metrics
- EIP-specific Performance Goals
- Site Evaluation & Opportunity Assessment
- Preliminary Feasibility Analysis
- Conceptual Alternatives Development
- Interagency Coordination
- Preliminary Triple Bottom Line Analysis
- Needs Assessment Report (NAR)

II. Needs & Alternatives Identification

III. Alternatives Analysis
- Initiate Public Outreach
- Field Investigations
- Alternatives Refinement
- Feasibility Analysis
- Preliminary Construction Cost Estimates
- Triple Bottom Line Analysis
- Alternatives Analysis Report (AAR)

IV. Conceptual Engineering Report
- Continue Public Outreach
- Design Development
- Construction Cost Estimates & Schedule
- 10% Design Drawings
- Finalize CEQA Checklist & CEQA Project Description
- 35% Design Drawings
- Conceptual Engineering Report (CER)

Approval Milestone
- Program & EIP-Specific Performance Goals
- Preferred Project Location
- Final NAR
- Initiate AAR Phase
- Initiate Public Outreach

Approval: Senior Management

Approval Milestone
- Conceptual Design of Preferred Alternative
- Final AAR
- Initiate CER Phase

Approval: SSIP Leadership

Approval Milestone
- Project Design Development
- 35% Design
- Final CER
- PMG team hands off project to DPW for Design Phase

Approval: SSIP Leadership

* Some of the phases will occur concurrently.
* The EIPs are in different stages of development, therefore the process will vary.
PROJECT: Holloway Green Street

+ Current Status:

Current Status:

– First public meeting was held on 8/15
– Public input on design concepts are being received through Metroquest
– Team is preparing detailed alternative analysis and started engineering survey and geotechnical work.

+ Next Steps:

Next Steps:

– Refine Options Based on Cost/Benefit, Feasibility, Risk Assessment, etc.
– Incorporate public comments into design
Project Site & Existing Conditions
Concept A: Bulb outs with Rain Gardens

+ Bulbouts would improve pedestrian safety and provide public space at neighborhood intersections, in addition to functioning as a component of the stormwater management system.
Surface flow would be directed into bulbout rain gardens where it can drain naturally without entering the City’s sewer system.

Section illustrating some of the sub-surface changes that would be made alongside the surface improvements.
Concept B: Sidewalk Rain Garden & Permeable Paving

Roadside planters would be integrated adjacent to parallel parking along Holloway Avenue and permeable pavement in the parking lanes would improve stormwater management.
Concept B: Sidewalk Rain Garden & Permeable Paving

Surface flow would be directed into rain gardens and permeable pavement where it can drain naturally without entering the City’s sewer system.

Section illustrating some of the sub-surface changes that would be made alongside the surface improvements.
Community Priorities

- Community Space
- Bicycle Improvements
- Pedestrian Improvements
- Nature Space
- On-Street Parking
Public Outreach & Engagement Goals

Communication goals:

• Coordinate with City agencies to plan better projects
• Meet with key stakeholders ahead of broader outreach
• Increase in-person and online participation to obtain community input
• Increase public education about sewer system, SSIP, green infrastructure, stormwater management, and urban watersheds
• Increase number of informed, engaged and champion stakeholders
Get Involved!

Participate Online at:

www.holloway.metroquest.com
Questions?

Contact us!

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