How Do Funding Programs Promote Benefits of Sustainable Streets?

Bay Area Stormwater Management Agencies Association

Regional Roundtable
March 28, 2017
Outline

- Why hold a Regional Roundtable on sustainable streets?
- What are green infrastructure and sustainable streets?
- Funding agencies of interest
  - Water sector
  - Air sector
  - Transportation sector
  - Emergency preparedness
  - Multi-sectoral agencies
- How do funding agency priorities align with funding of sustainable streets?
Why Hold a Regional Roundtable?

- 76 Bay Area agencies are **required** to develop and implement green infrastructure plans
  - Significant priority for Bay Area municipalities
  - Extensive amounts of green infrastructure in roadways
  - Targets for 2020, 2030, 2040
Why Hold a Regional Roundtable?

- Green infrastructure integrates very well with active transportation improvements
- But there are funding silos
Objectives for Today’s Meeting

- Establish shared understanding of funding obstacles to including green infrastructure in transportation projects
- Obtain funding agency input on potential solutions (e.g., programmatic versus legislative)
- Prioritize solutions
Ground Rules

- Prioritize contributions from Roundtable Participants
- Cards for interested parties to write questions and comments
- The purpose of understanding obstacles is to develop solutions
What is Green Infrastructure?

- Green infrastructure is an approach to water management that protects, restores, or mimics the natural water cycle, providing habitat, flood protection, cleaner air, and cleaner water.

- Vegetated stormwater treatment systems are NOT the only type of green infrastructure.

Napa River Watershed Flood Protection Project and “Living River Strategy”
Roundtable Focus on Green Infrastructure

- The Roundtable will focus on green infrastructure facilities that are
  - Designed to provide stormwater treatment, which removes pollutants
  - Included in roadway projects

Green infrastructure stormwater treatment facility, City of San Mateo
Sustainable Streets =

“Complete Streets” + Green infrastructure

- Provides safe access for pedestrians, bicyclists, motorists, and transit riders
- Enhances public health
- Reduces greenhouse gas emissions

- Reduces air pollution
- Reduces water pollution
- Reduces the urban heat island
- Sequesters carbon
- Provides flood storage
Sustainable Streets

- Provide benefits that advance priorities of various funding agencies
- Current funding sources are generally not structured to encourage all of these multiple benefits
## Participating Funding Agencies - Thank you!

<table>
<thead>
<tr>
<th>Sector</th>
<th>Agencies</th>
</tr>
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<tbody>
<tr>
<td>Water</td>
<td>State Water Resources Control Board</td>
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<td></td>
<td>Department of Water Resources</td>
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<td></td>
<td>State Coastal Conservancy (SCC)</td>
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<td></td>
<td>San Francisco Bay Restoration Authority (SCC provides staff assistance)</td>
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<td>Multi-sectoral</td>
<td>California Natural Resources Agency</td>
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<td></td>
<td>Strategic Growth Council</td>
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<td>Emergency Preparedness</td>
<td>Federal Emergency Management Agency</td>
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<td>Air</td>
<td>Bay Area Air Quality Management District</td>
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<tr>
<td>Transportation</td>
<td>Caltrans</td>
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<td>Metropolitan Transportation Commission</td>
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<td>San Mateo County Transportation Authority</td>
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Roundtable Participant
• Joe Karkoski

Funding programs
• Prop 1 Stormwater Grant Program
• State Revolving Fund

Prop 1 rounds (statewide)
• $80 million awarded in 2016
• $86 million in 2018

Which benefits of Sustainable Streets are promoted
• By these programs?
• By the agency?
Roundtable Participant
- Paul Wells

Program
- Prop 1 Integrated Regional Water Management Grants

Grant rounds
- SF Bay Region allocated $65M
- Current round: $6.5M - disadvantaged community involvement
- Next rounds in 2018, 2020

Which benefits of Sustainable Streets are promoted?
State Coastal Conservancy

- Roundtable Participant
  - Matt Gerhart

- Funding program
  - Prop 1 Grants

- Funding (statewide)
  - $6 million awarded to date
  - Next round: 3 times a year

- Which benefits of Sustainable Streets are promoted
  - By this program?
  - By the agency?
San Francisco Bay Restoration Authority

- Roundtable Participant
  - Matt Gerhart
- Funding program
  - Measure AA – Clean and Healthy Bay
- Available Funding
  - $25 million per year, for 20 years – San Francisco Bay Region
- Which benefits of Sustainable Streets are promoted
  - By this program?
  - By the agency?
California Natural Resources Agency

- Roundtable Participant
  - Julie Alvis

- Program
  - Urban Greening Grants

- Current round (statewide)
  - $80 million
  - Applications due May 1

- Which benefits of Sustainable Streets are promoted
  - By this program?
  - By the agency?
Roundtable Participant
- Allison Joe

Funding program
- Affordable Housing and Sustainable Communities Program

Schedule
- Draft Guidelines available for Comment through 4/14/17
- Guidelines scheduled for adoption June 2017

Which benefits of Sustainable Streets are promoted
- By this program?
- By the agency?
Roundtable Participant:
  • Robert McCord

Grant programs:
  • Various planning grants

Recent round:
  • Emergency Management Performance Grants awarded 2016

Which benefits of Sustainable Streets are promoted
  • By the planning grant programs?
  • By the agency?
Bay Area Air Quality Management District

- Roundtable Participant
  - Karen Schkolnick

- Program
  - Transportation Fund for Clean Air

- Recent round
  - $5 million for bicycle parking/bikeways in fiscal yr ending 2017

- Which benefits of Sustainable Streets are promoted
  - Removal of criteria pollutant emissions from on-road sources
  - Reduce GHGs and air pollution

**Benefits of Sustainable Streets**
California Department of Transportation (Caltrans)

- Roundtable Participant
  - Ted Davini

- Grant Program
  - Active Transportation Program

- Last Round (statewide)
  - $240 million awarded in 2016

- Which benefits of Sustainable Streets are promoted
  - By this program?
  - By the agency?

Benefits of Sustainable Streets

- Provide flood storage
- Safe access for all users/public health
- Sequester carbon
- Reduce urban heat island
- Reduce GHGs/air pollution
- Reduce water pollution
Caltrans Stormwater Program

- Roundtable Participant
  - Constantine Kontaxis

- Funding Program
  - Cooperative Implementation Agreements for Total Maximum Daily Load (TMDL) Compliance

- How it works
  - Remaining stormwater operation budget has funded 6 local projects

- Which benefits of Sustainable Streets are promoted
  - By the program?
  - By the agency?
Metropolitan Transportation Commission (MTC)

- Roundtable Participant
  - Anne Richman

- Program
  - One Bay Area Grants (OBAG)

- Current County Program
  - $386 million to fund projects from 2017-18 to 2021-22

- Which benefits of Sustainable Streets are promoted
  - By this program?
  - By the agency?
Roundtable Participant
  - Joe Hurley

Funding program
  - Measure A Sales Tax

Calls for projects
  - 2015 bike/ped projects $4.9 million

Which benefits of Sustainable Streets are promoted
  - By this program?
  - By the agency?

Benefits of Sustainable Streets
- Provide flood storage
- Safe access for all users/public health
- Sequester carbon
- Reduce urban heat island
- Reduce GHGs/air pollution
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