How Do Funding Programs Promote Benefits of Sustainable Streets?

Bay Area Stormwater Management Agencies Association
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.
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!

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State Water Resources Control Board

- 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?

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
Department of Water Resources

- 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?

Benefits of Sustainable Streets

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

Benefits of Sustainable Streets

- Provide flood storage
- Sequester carbon
- Reduce urban heat island
- Reduce water pollution
- Reduce GHGs/air pollution
- Safe access for all users/public health
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?
Federal Emergency Management Agency

- Roundtable Participant:
  - Robert McCord
- Grant programs:
  - Various planning grants
- Recent round:
- 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

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

Benefits of Sustainable Streets

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

Benefits of Sustainable Streets
San Mateo County Transportation Authority

- 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
- Reduce GHGs/air pollution
- Sequester carbon
- Reduce urban heat island
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