

ATTACHMENT A

Proposed List of Case Studies for 2016 Annual Report

Rosemead Boulevard Safety Enhancement and Beautification Project
Terminal Island Freeway Environmental Sound Barrier aka “The Great Wall of Mulch”
Metro Bike Hub in El Monte
Go LA, a mobility marketplace for the Los Angeles Region
Metro Open Streets Program
Zero Emission Vehicle Charging Stations
Gold Line Maintenance Campus
Avalon Green Alley South of the Avalon Green Alley Network Demonstration Project
Santa Monica Colorado Esplanade Project
Metro Division 13 Bus Maintenance and Operations Facility
Electric Bus Program
Peck Water Conservation Park Trail Head in Unincorporated County – as part of the Emerald Necklace – Rio Hondo trails
Metro Carshare Program
San Gabriel River Greenway Improvements – West Bank (Phase 1)

Case Study Descriptions:

Rosemead Boulevard Safety Enhancement and Beautification Project

Lead: City of Temple City

Sustainability Principles: Access, Prosperity, Green Modes, Healthy Neighborhoods, Community Development

The Rosemead Boulevard Safety Enhancement and Beautification Project resulted from Temple City’s vision to improve safety and enhance multi-modal access along Rosemead Boulevard after Caltrans relinquished jurisdiction to the City in 2008. The project includes protected bicycle lanes with landscaped islands, transit stop improvements, improved sidewalks and pedestrian accessibility, and pedestrian amenities such as street furniture and public art. The project was completed in May 2014.

Terminal Island Freeway Environmental Sound Barrier aka “The Great Wall of Mulch”

Lead: City of Long Beach

Sustainability Principle: Environmental Stewardship

The Mulch Wall, completed in August of 2013, is a demonstration project of an alternative soundwall, located on the east side of the Terminal Island Freeway in West Long Beach. The wall is made from 800 cubic yards of locally repurposed wood chips derived from street tree trimming operations and contained in reinforced chain link box. The wall blocks sound as well as a traditional masonry block sound wall at a much lower cost.

Metro Bike Hub in El Monte

Lead: Metro

Sustainability Principles: Access, Green Modes, Healthy Neighborhoods

In September of 2015, the first Metro Bike Hub opened at the El Monte station. The Metro Bike Hub provides secure-access, high-capacity bicycle parking facility with additional bike services. The facility offers retail sale of bike parts, repairs, and rentals during the staffed hours, as well as bike clinics and other events to help support bike transportation. The development of the Metro Bike Hub program along with other Metro bike services such as bike share and bike lockers will promote first-last mile access and connectivity between modes.

Go LA, a mobility marketplace for the Los Angeles Region

Leads: City of Los Angeles Mayor's Office, City of Los Angeles Department of Transportation, Xerox Innovation Group (XIG) Grenoble and Xerox PARC (Palo Alto Research Center, Xerox Mobility group in Xerox State and Local Solutions, and many other stakeholders

Sustainability Principle: System Productivity

In partnership with the City of Los Angeles and powered by Xerox, the Go LA app and platform integrates all the available transportation mode options for getting around the Los Angeles metro area. The app uses the variety of modes to compute the fastest, cheapest, and most sustainable ways to get to a destination. The year-long pilot program launched in January 2016 and will culminate in an RFP process.

Metro Open Streets Program

Lead: Metro

Sustainability Principle: Green Modes, Healthy Neighborhoods, Community Development

In September 2013 the Metro Board approved the framework for the Open Streets Competitive Grant Program. The program funds a series of regional events that temporarily close streets to automobile traffic and open them to cyclists, pedestrians and other modes of non-motorized transportation. The program aims to provide opportunities for riding transit, walking and riding a bike, possibly for the first time; to encourage future shift to more sustainable transportation modes; and to encourage civic engagement related to the development of multi-modal policies and infrastructure at the city/community level. Cycle 2 of the program is expected to begin in the fall of 2016.

Zero Emission Vehicle Charging Stations

Lead: City of Pasadena

Sustainability Principles: Green Modes, Healthy Neighborhoods,

Through the Metro Call for Projects grant program, the City of Pasadena has upgraded 38 Level 2 electric vehicle charging stations in public parking facilities, and funded the installation of 12 new level 2 chargers at private properties with the condition to allow for public access for charging. These charging stations will reduce vehicle miles traveled by locating them near light rail stations and employment destination points. The project was completed in June of 2015.

Gold Line Maintenance Campus

Lead: Foothill Gold Line Construction Authority, Metro

Sustainability Principles: Healthy Neighborhoods, Environmental Stewardship

The Gold Line Maintenance Campus, located in the City of Monrovia as part of the recent Metro Gold Line extension, was designed and built to meet the U.S. Green Building Council's Leadership in Energy & Environmental Design (LEED) Gold standards. It aims to reduce the consumption of natural resources and reduce pollution during operations, as well as provide a healthy work environment for staff. The facility includes features such as stormwater capture for

infiltration into the ground, solar power production, irrigation using Smart Technology and reclaimed water, and use of recycled and locally sourced materials. The facility was dedicated in May 2015.

Avalon Green Alley South of the Avalon Green Alley Network Demonstration Project

Leads: The Trust for Public Land, City of Los Angeles Bureau of Sanitation

Sustainability Principles: Access, Green Modes, Healthy Neighborhoods, Community Development, Urban Greening, Context Sensitivity, Environmental Stewardship

Avalon Green Alley South, completed in September 2015, is the first section of a new network of Green Alleys that will encourage walking and social interaction among local residents with its interconnected pedestrian walkways and gathering spaces. The alley incorporates vines, fruit trees, community-designed murals, and a pedestrian zone; it also includes Low Impact Development (LID) infrastructure features that showcase ways to address the heat island effect and improve water quality and flood control through the use of permeable surfaces, native plantings, and natural filtration.

Santa Monica Colorado Esplanade Project

Lead: City of Santa Monica

Sustainability Principles: Access, Prosperity, Green Modes, Healthy Neighborhoods, Community Development, Urban Greening, Context Sensitivity

Scheduled for completion in May/June 2016, the Colorado Avenue Esplanade will form a gateway into the City from the Expo station and will provide pedestrian and bicycle linkages among the Expo station and Downtown Santa Monica. The project contains tree lined 20 foot wide sidewalks of decorative, two-color textured paving; festival lighting; wooden tree wells; and a separate bicycle track. The construction of the project is located between the new Downtown Santa Monica Expo Rail Station at 4th Street to the Santa Monica Pier entrance on Ocean Avenue.

Metro Division 13 Bus Maintenance and Operations Facility

Lead: Metro

Sustainability Principles: Urban Greening, Context Sensitivity, Environmental Stewardship

The Division 13 Bus Maintenance and Operations facility, built by Metro, is located in downtown Los Angeles. The facility is designed to accommodate up to 200 compressed-natural-gas buses. It is set to achieve LEED Gold goal certification and promotes incorporates regionally sourced and recycled material content, more efficient use of water, reclaimed or recycled water, a green roof, native vegetation, and artwork referencing the unique local context. The facility began operations in February of 2016.

Electric Bus Program

Lead: Foothill Transit

Sustainability Principles: Green Modes, Healthy Neighborhoods

Foothill Transit has committed to operating a 100% electric bus fleet by the year 2030 to further its sustainable transportation efforts and promote vehicles with zero tailpipe emissions. By 2014, Foothill Transit had procured 15 Proterra electric buses and was operating a fully electrified bus line; this year, the agency added two more electric buses to its fleet.

Peck Water Conservation Park Trail Head in Unincorporated County – as part of the Emerald Necklace – Rio Hondo trails

Leads: Amigos de los Rios, Los Angeles County Department of Public Works, Watershed Projection and Los Angeles County Recreation and Parks

Sustainability Principles: Green Modes, Healthy Neighborhoods, Urban Greening, Environmental Stewardship

This project, completed in 2010, consisted in clearance of surface concrete left over from prior Quarry industrial to enable urban greening enhancements adjacent to an existing County Class A Bike Trail within Peck Water Conservation Park. The enhancement included low water use irrigation, way finding and interpretive signage, an extensive native plant restoration area and native tree canopy to support local bird habitat and create a nature preserve setting with a clear view of the San Gabriel Mountains for local residents.

Metro Carshare Program

Lead: Metro

Sustainability Principles: System Productivity, Green Modes

In May of 2015, Metro launched a carshare program to provide transit patrons an additional option, short-term car rental, for making the first-last mile connection. Zipcar, the first carshare company to join the program, helped make this option feasible by putting in place a one-way policy: after renting a car, users can drop it off at any other available Zipcar space.

San Gabriel River Greenway Improvements – West Bank (Phase 1)

Leads: Amigos de los Rios, Mountain View, El Monte Union and El Monte City School Districts, Los Angeles County Department of Public Works, Watershed Protection and Los Angeles County Recreation and Parks

Sustainability Principles: Access, Green Modes, Healthy Neighborhoods, Community Development, Urban Greening, Context Sensitivity

This project, completed in 2015 in El Monte, consisted of blight removal and urban greening improvements to the West Bank of the San Gabriel River – adjacent to the existing Bike and Equestrian Trails. Improvements included trash removal, site grading, planting of native habitat trees and shrubs, a San Gabriel Mountain abstract mural, installation of site amenities, exercise equipment, benches, tables and nature based play elements and some decomposed granite trails in addition to wayfinding and interpretive signage. The project established connections between four schools located adjacent to the river with the greenway.