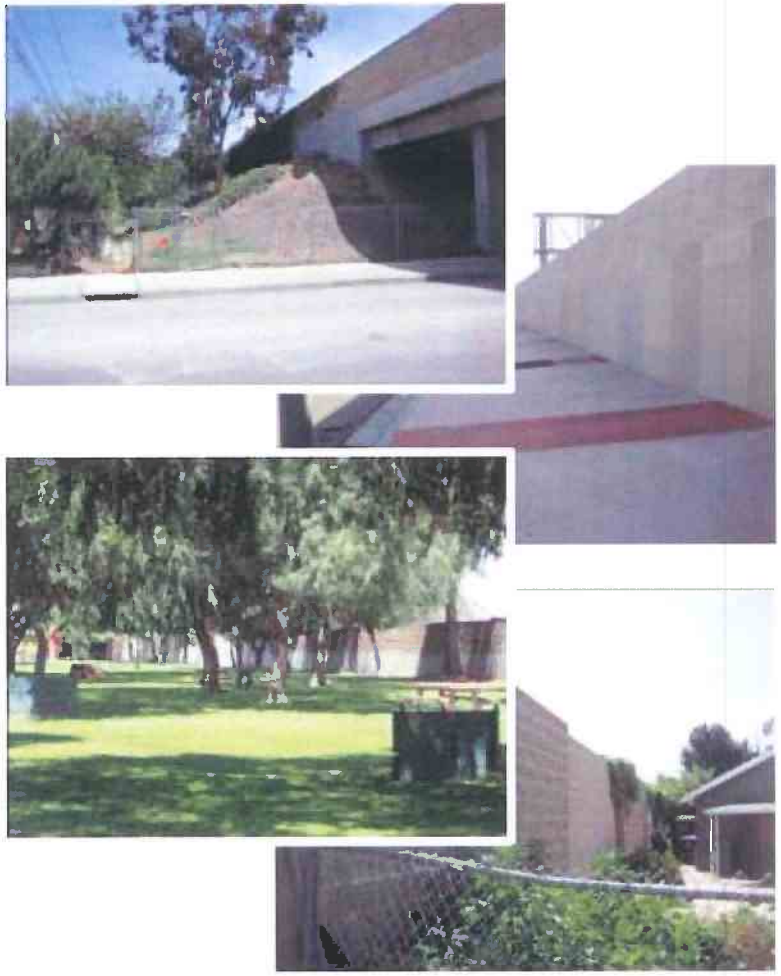
I-710 Sound Wall EAP Update

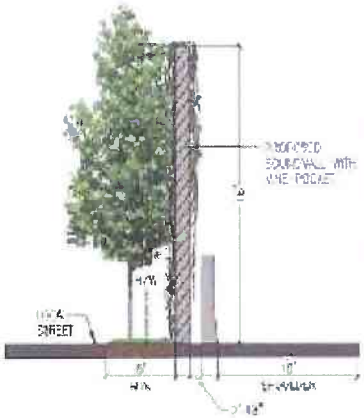
I-710 Sound Wall EAP Update Long Beach

- Updated/final list of EAP Walls
- Feasible Wall categories are:
  - Existing Walls that can be aesthetically treated
  - New walls or improvements to existing walls that can be constructed consistent with existing and proposed conditions
- An Aesthetics Master Plan is under development by Caltrans and GCCOG with:
  - Landscape Improvements
  - Wall Aesthetics (articulated blocks, wall patterns, color)

Determination of feasible walls



Aesthetic improvements

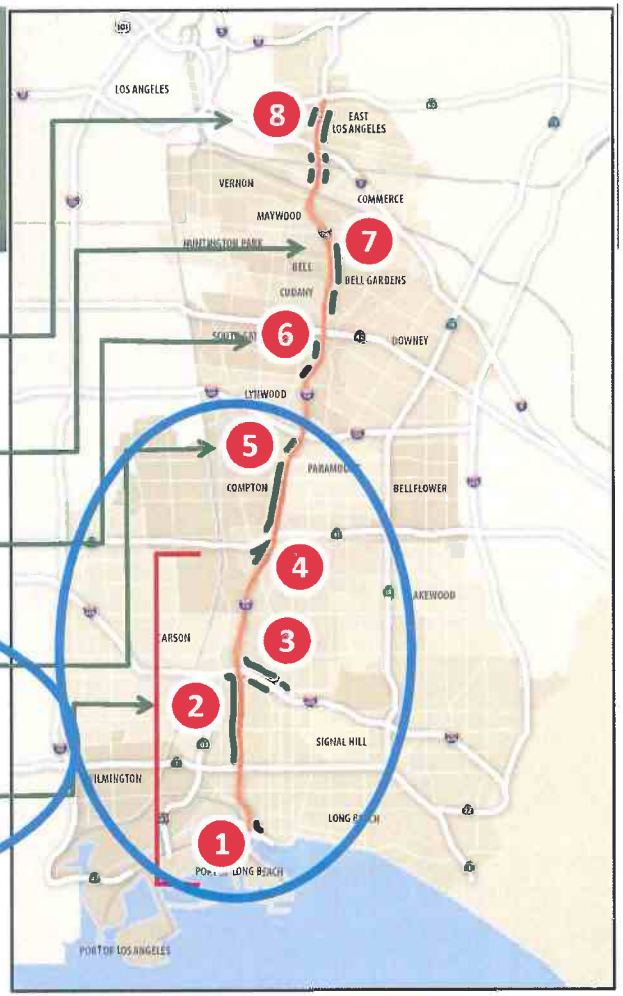


Proposed Early Action Sound Walls

Long Beach

Proposed Early Action Sound Walls

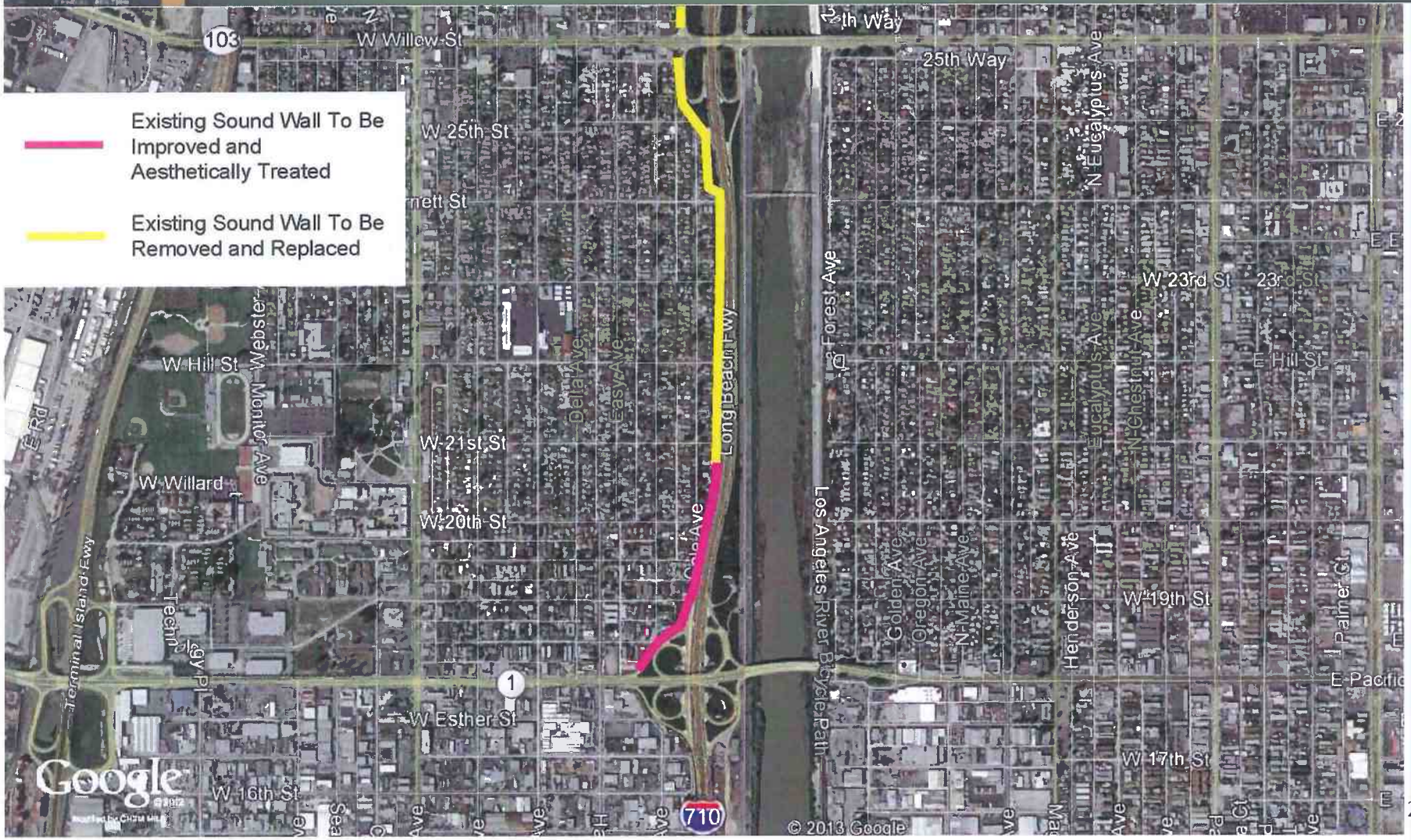
- Commerce and East Los Angeles
- Bell Gardens
- South Gate
- Long Beach and Compton
- Long Beach



Comparison of Sound Walls considered in study and Proposed Early Action Sound Walls

Area 1 I-710 Terminus Long Beach

Area 2 I-710 PCH to I-405 Long Beach

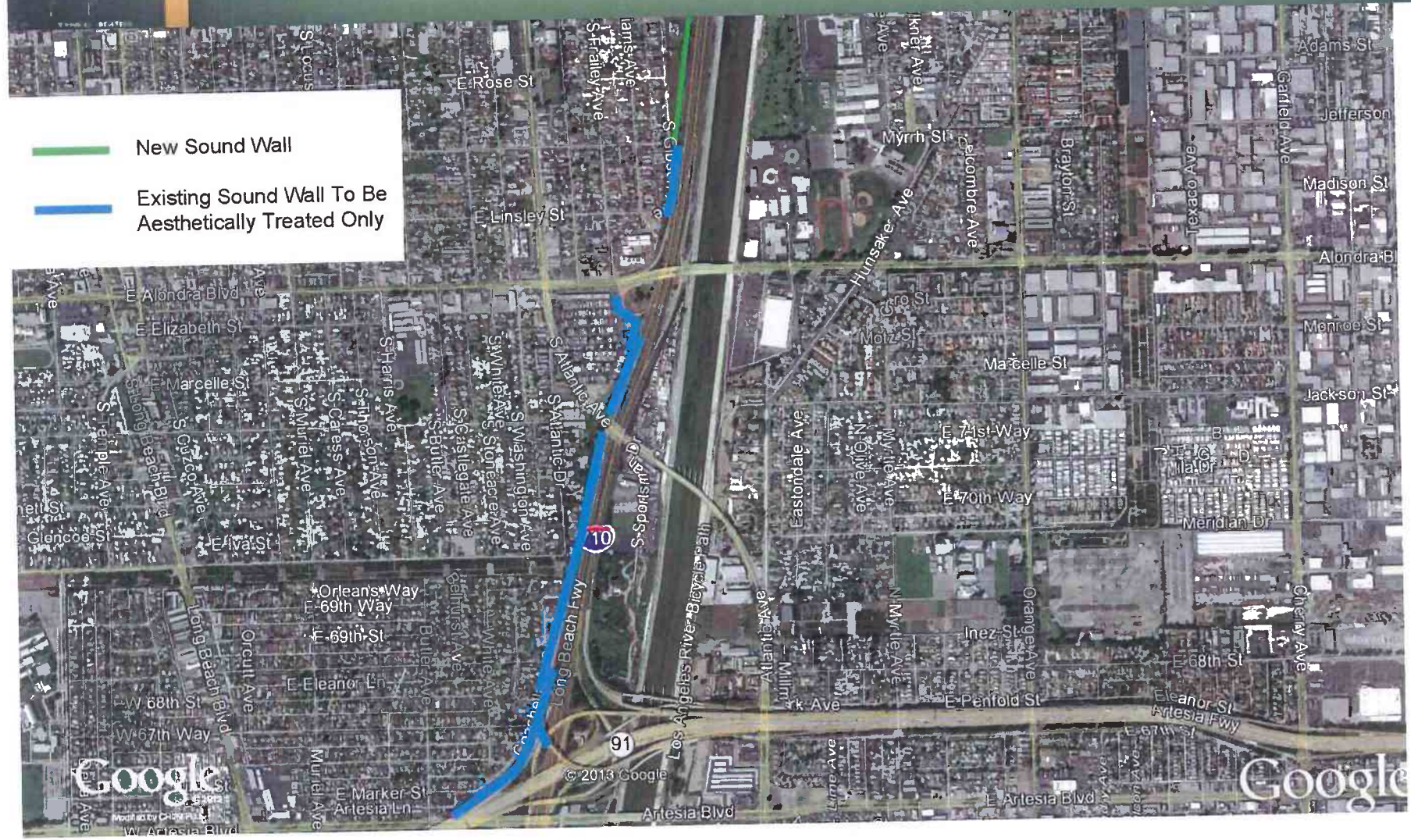


Area 2 I-710 PCH to I-405 Long Beach

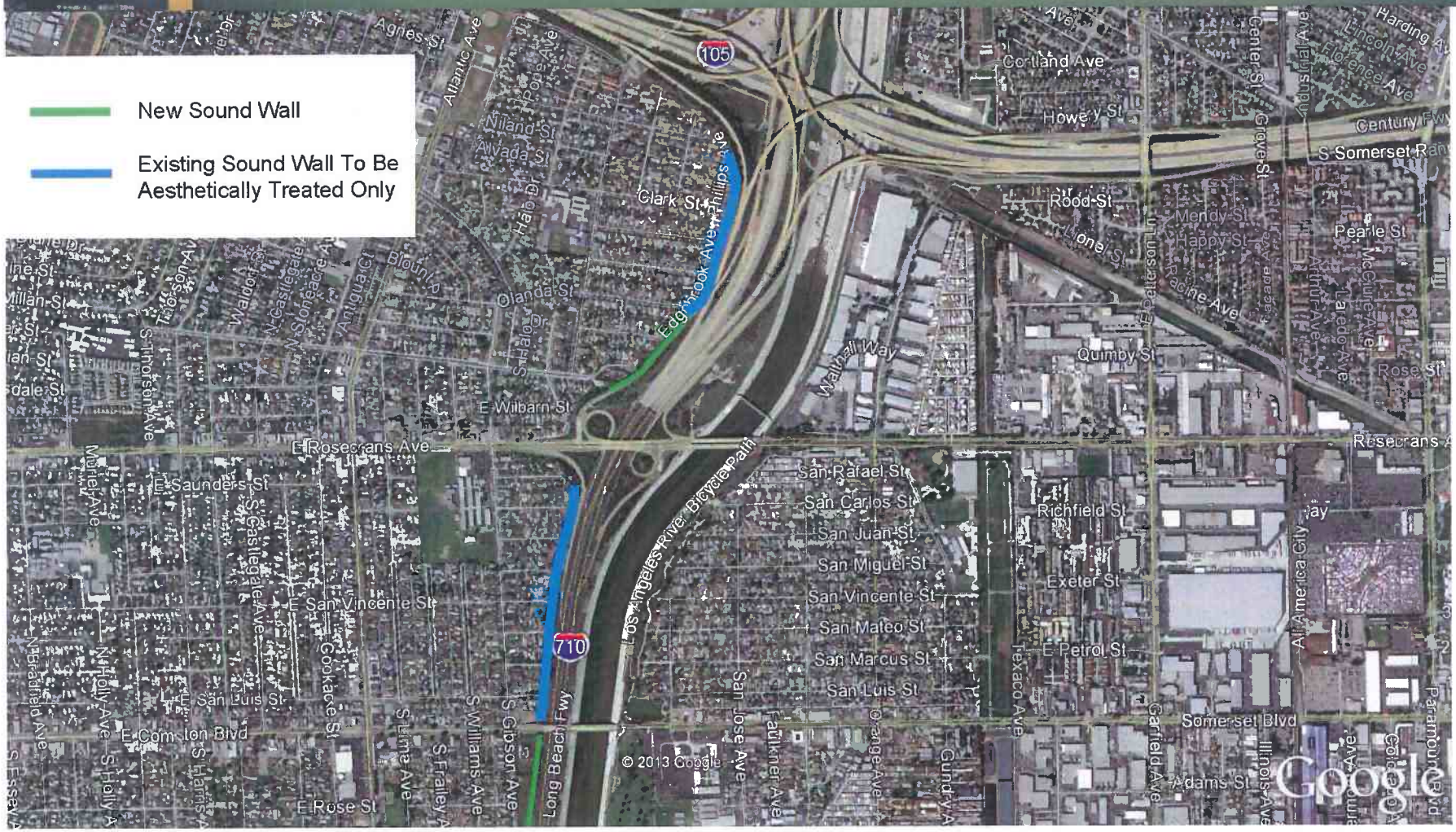
Area 3 I-405 East of I-710 Long Beach

Area 4 I-710 South of SR 91 Long Beach

Area 5 I-710 from SR 91 to I-105
Long Beach and Compton

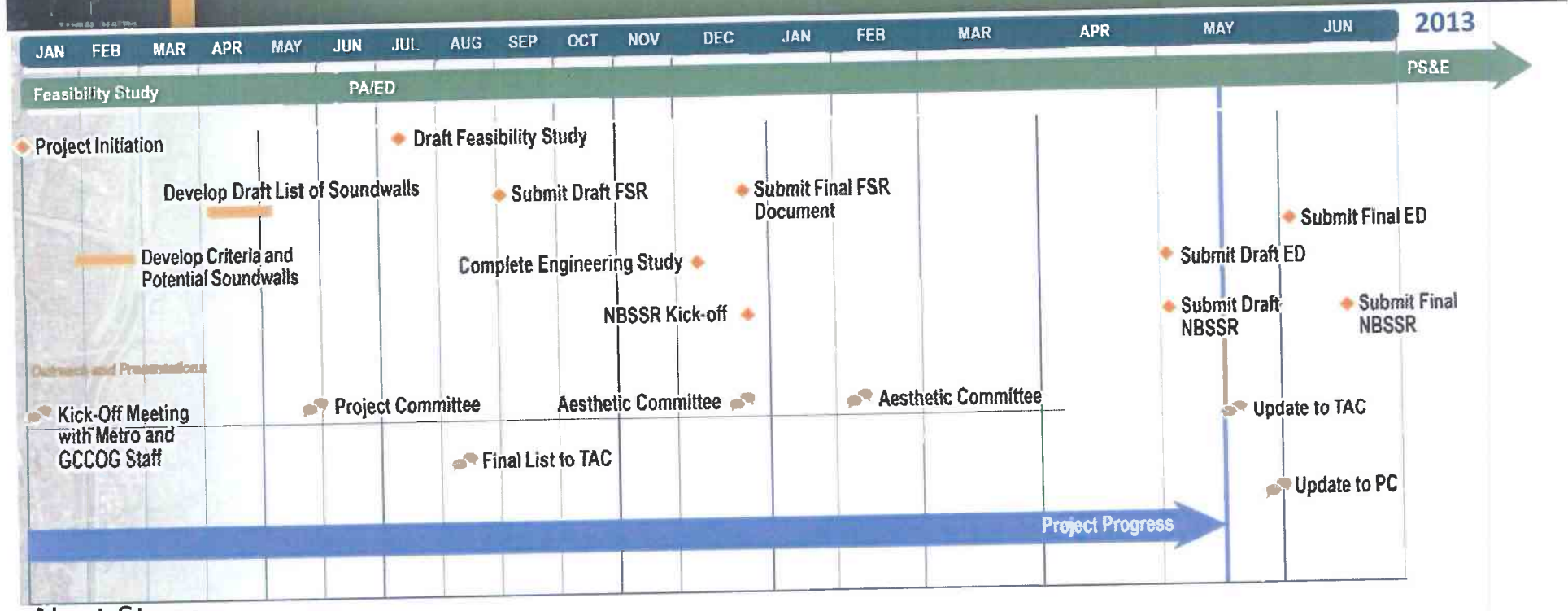


Area 5 I-710 from SR 91 to I-105
Long Beach and Compton



Project Schedule and Next Steps

Long Beach



Next Steps:

- Present Updated List of Feasible Early Action Sound Walls to PC
- Submit Final NBSSR (Project Approval Document and Environmental)

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Strategic Transportation Plan

Strategic Transportation Plan

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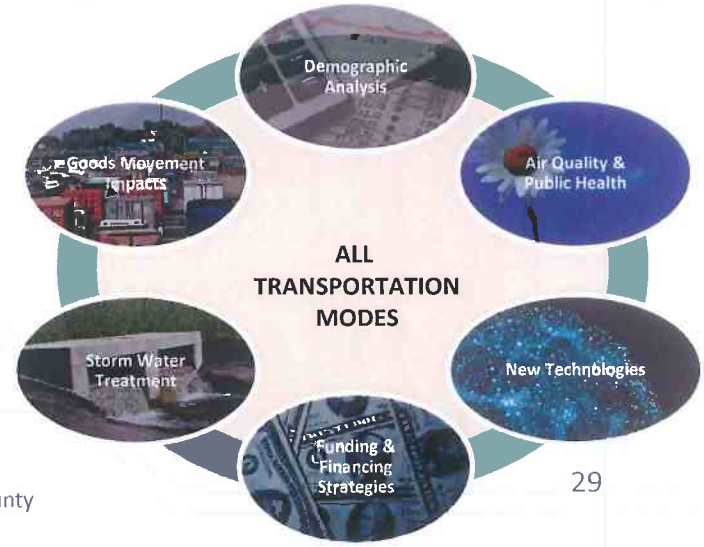
Gateway Cities Area

The purpose of the Gateway Cities Strategic Transportation Plan is to develop a unified, subregional multimodal transportation improvement strategy by Spring 2014.

- Artesia
- Avalon
- Bell
- Bellflower
- Bell Gardens
- Cerritos
- Commerce
- Compton
- Cudahy
- Downey
- Hawaiian Gardens
- Huntington Park
- La Habra Heights
- La Mirada
- Lakewood
- Long Beach
- Lynwood
- Maywood
- Montebello
- Norwalk
- Paramount
- Pico Rivera
- Santa Fe Springs
- Signal Hill
- South Gate
- Vernon
- Whittier
- Unincorporated LA County

Analysis of all transportation modes

- Arterial Highways
- Freeways
- Local and Regional Transit
- Park & Ride Lots
- Active Transportation
- Goods Movement & Logistics
- Transportation Technologies (ITS)
- Truck Enforcement



Strategic Transportation Plan

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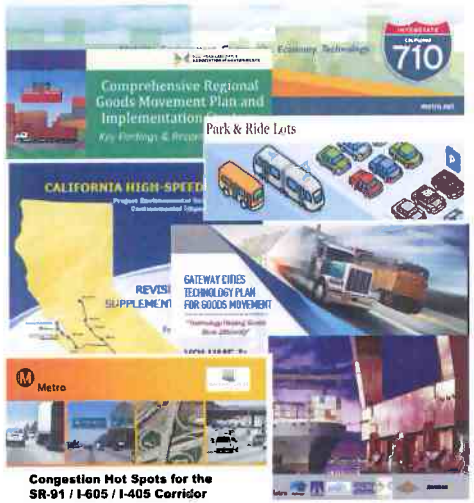
The Plan will foster regional coordination and collaboration among stakeholders, leading to reduced roadway congestion, improved air quality, a stronger economy and a better, healthier quality of life within Gateway Cities.

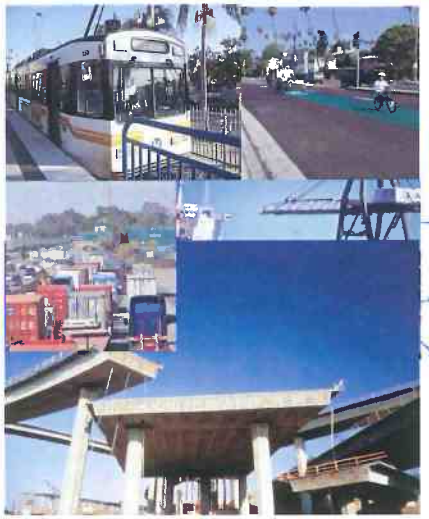
Integrate existing transportation plans & studies

Refine project ideas & identify new projects

Develop tools to analyze systemwide interactions



Congestion Hot Spots for the SR-91 / I-605 / I-405 Corridor



Regional Coordination and Collaboration

GATEWAY CITIES NEIGHBORS

- *OCTA*
- *South Bay Cities COG*
- *San Gabriel Valley COG*
- *City of Los Angeles*
- *Others*

PARTNER AGENCIES/STAKEHOLDERS

- *Caltrans*
- *SCAG*
- *LA County*
- *Ports of LA & Long Beach*
- *Others*

Strategic Transportation Plan

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Integrate Existing Projects & Other Sub-Regional Efforts

CORRIDOR STUDIES

- I-405 Corridor

- Cherry Ave. Interchange
- MTA Express Lanes
- Truck Enforcement Site
- Coordination with OC and SBC COG

- I-405/SR-91/I-605

- Congestion Hot Spots Feasibility Study
- Project Study Reports

- I-710 Corridor

- DEIR Coordination and Update
- Freight Corridor
- I-5 Interchange
- SR-91 Interchange
- Truck Enforcement Site

- I-5 Corridor Improvements
- I-105 Alameda St. Interchange
- SR-710 North Study
- Arterial Network (Master Plan)

RAIL, TRANSIT, BIKE & PEDESTRIAN

- Rail, Transit, Bike & Pedestrian

- LOSSAN Rail Corridor & HSR
- Metrolink Plans
- Metro Blue & Green Line Plans
- Park & Ride Lot Expansions
- ECO/Pacific Electric Transit Corridor
- Gold Line Extension Alternatives
- Regional and Local Bus Service
- Active Transportation

- Goods Movement

- East-West Freight Corridor
- Technology Plan for Goods Movement
- Logistics Facilities
- Gerald Desmond Bridge Replacement

OTHER SUB-REGIONAL EFFORTS

- Air Quality and Health

- Air Quality Action Plan
- I-710 Air Quality/Health Risk Assessment
- SB 375 Sustainable Communities Strategy
- Updated Air Quality Analysis
- Stormwater Treatment

- Transportation Technology Deployment

- Arterial & Freeway Smart Corridors
- Freight Data Warehouse
- Traveler Information
- Automated Truck Research
- Truck Enforcement
- Zero-Emission Truck Corridor

UNDERSTANDING THE CONNECTIONS BETWEEN TRANSPORTATION PROJECTS IN GATEWAY CITIES

Strategic Transportation Plan

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Refine & Indentify New Projects

Add to wealth of existing project ideas

Master Plan for Arterial Highways

New Arterial Highways & Safety Projects

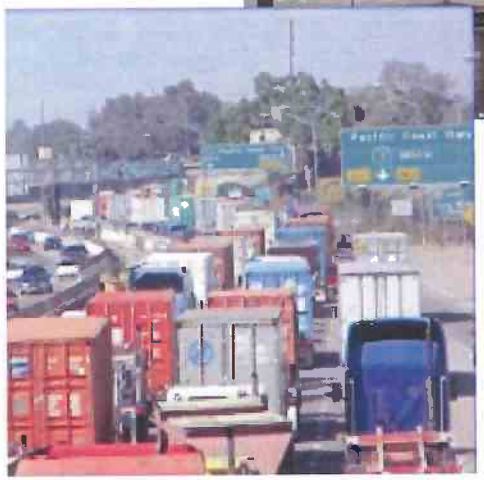
Active Transportation Master Plan

New Transit & Park-and-Ride Analyses

Assessments of Goods Movement & Related ITS Projects

Zero Emission Truck Commercialization Study

I-710 Overhead Catenary System Design



Develop New Tools to Analyze Systemwide Interactions

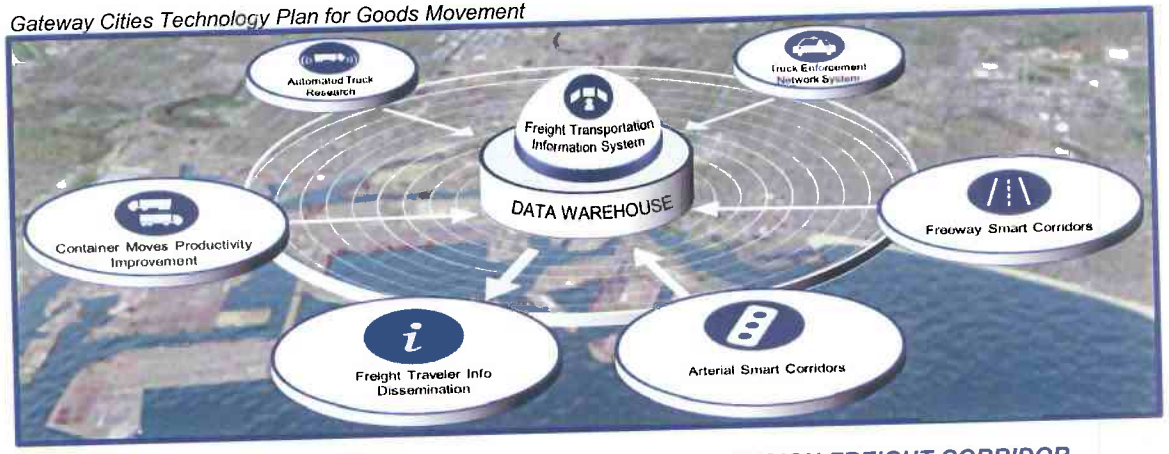
All transportation modes will be studied together with a focus on demographic analysis, air quality and public health, storm water treatment, goods movement impacts, new technologies, and funding and financing strategies.

The new tools with which to develop the Gateway Cities Strategic Transportation Plan include:

- *3-TIER TRAVEL DEMAND & SIMULATION MODEL*
- *AIR QUALITY PROJECTION MODEL*
- *TRANSPORTATION TECHNOLOGY DEVELOPMENT*
- *ZERO EMISSION FREIGHT CORRIDOR DEVELOPMENT STUDY*
- *FUNDING/FINANCING MODEL & STRATEGIES*

▪TRANSPORTATION TECHNOLOGY DEVELOPMENT

Gateway Cities Technology Plan for Goods Movement



▪3-TIER TRAVEL DEMAND & SIMULATION MODEL

Tier 1: Macroscopic Model

Tier 2: Mesoscopic Model

Tier 3: Microscopic Model

- *Develop performance measures*
- *Develop system improvement scenarios*
- *Run models to evaluate improvement scenarios*
- *Refine and prioritize investments*
- *Can be used by cities to plan for the future*

▪ZERO EMISSION FREIGHT CORRIDOR DEVELOPMENT STUDY

Zero Emission Truck Commercialization Study

Demonstration Projects

▪FUNDING/FINANCING STRATEGIES

- *Identify Funding Sources*
- *Develop Cash Flow & Financing Model*
- *Target Funding and Financing Options*

A detailed Finance Plan will be developed for projects in the Gateway Cities area, including a viable strategy to position GCCOG high-priority projects for successful implementation.

▪AIR QUALITY PROJECTION MODEL UPDATE

Strategic Transportation Plan

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What's In It for the Gateway Cities?

GATEWAY CITIES COUNCIL OF GOVERNMENTS

2013

2014

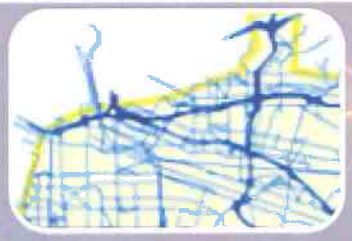
Achieve Local Goals:

Reduce Roadway Congestion	Improve Air Quality & Health	Strengthen Economy	Improve Quality of Life

Regional Collaboration & Coordination

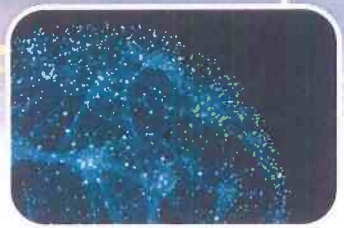
Establish Project Interrelationships & Finalize Improvements

Continue to Develop Subregional Air Quality Model



New Traffic Model for use by Gateway Cities Jurisdictions

Updated Demographic Analysis & Assessment



Cutting Edge Technology Designs & Plans, Including Zero-Emission Trucks

New Active Transportation & Highway Master Plans

Storm Water Treatment Options

New Funding & Financing Strategies

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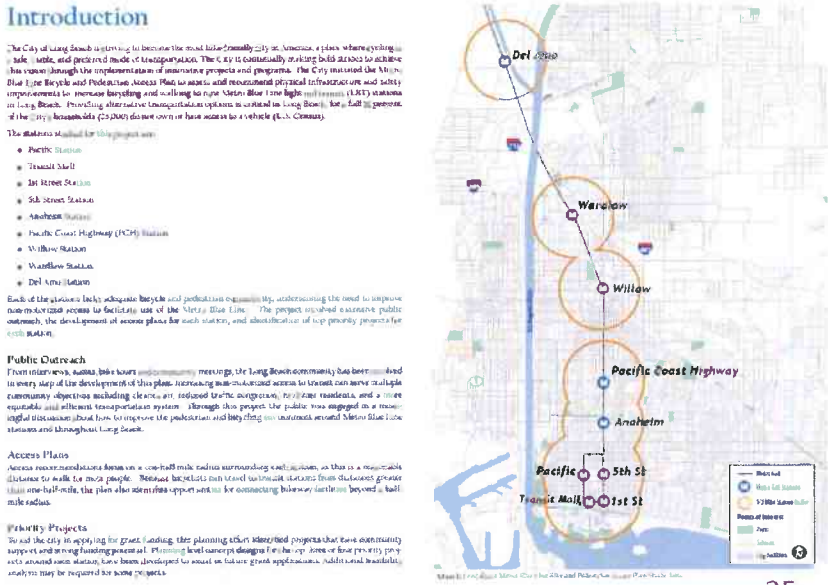
Selected Plan Aspects with Direct Effect on Long Beach

Long Beach Projects

Long Beach Projects

- Active Transportation
- Local Arterial Highways
- I-710/I-405/SR-91/I-605
- On Dock Yards / SCIG /ICTF
- Further Air Quality Analysis
- Early Action Sound Walls
- Shoemaker Bridge Project
- Willow/Atlantic Intersection



Introduction

The City of Long Beach is striving to become the most bike-friendly city in America, a place where cycling is a safe, viable, and preferred mode of transportation. The City is continually making bold strides to achieve this vision through the implementation of innovative projects and programs. The City initiated the Metro Blue Line Bicycle and Pedestrian Access Plan to assess and recommend physical infrastructure and safety improvements to increase bicycling and walking to nine Metro Blue Line light rail transit (LRT) stations in Long Beach. Providing alternative transportation options is critical in Long Beach, where [illegible] of the City households (25,000) do not own or have access to a vehicle (U.S. Census).

The stations studied for this project are:

- Pacific Station
- Transit Mall
- 1st Street Station
- 5th Street Station
- Anaheim Station
- Pacific Coast Highway (PCH) Station
- Willow Station
- Wardlow Station
- Del Amo Station

Each of the stations lacks adequate bicycle and pedestrian connectivity, underscoring the need to improve non-motorized access to facilitate use of the Metro Blue Line. The project involved extensive public outreach, the development of access plans for each station, and identification of top priority projects for each station.

Public Outreach

From interviews, surveys, bike tours and community meetings, the Long Beach community has been involved in every step of the development of this plan. Increasing non-motorized access to transit can serve multiple community objectives including cleaner air, reduced traffic congestion, healthier residents, and a more equitable and efficient transportation system. Through this project the public was engaged in a meaningful discussion about how to improve the pedestrian and bicycling environment around Metro Blue Line stations and throughout Long Beach.

Access Plans

Access recommendations focus on a one-half mile radius surrounding each station, as this is a reasonable distance to walk for most people. Because bicyclists can travel to transit stations from distances greater than one-half mile, the plan also identifies opportunities for connecting bikeways farther beyond a half mile radius.

Priority Projects

To aid the city in applying for grant funding, the planning effort identified projects that have community support and strong funding potential. Planning level concept designs for the top three or four priority projects around each station have been developed to assist in future grant applications. Additional feasibility analysis may be required for some projects.

Strategic Transportation Plan

GATEWAY CITIES COUNCIL OF GOVERNMENTS

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Selected Plan Aspects with Direct Effect on Long Beach

Active Transportation Element

Safety

- Identify existing and proposed bicycle facilities (per City plans)
- Review with GCCOG TAC and member cities
- Create GCCOG map of planned facilities
- Develop up to 10 Regionally Significant Active Transportation projects*
- Identify local and state policies and best practices

Bicycle Element

- Identify local practices supporting pedestrian mobility
- Summarize best practices (state and national)
- Identify significant pedestrian features (existing)
- Recommend pedestrian improvements at locations of regional significance (transit hubs, major commercial corridors, etc.)

Pedestrian Element

- Summarize Collision Data
- Identify "hot spots" (need city feedback on comfort)
- Local safety initiatives
- Tools and best practices (state and national)

Access to Transit

- Identify existing and proposed bicycle and pedestrian features adjacent to major transit hubs
- Recommended additional features and timing of construction relating to transit projects

Public Health/Fitness

- Research national literature on linkage between active transportation and fitness
- Summarize savings in medical costs relating to increased physical activity

Relevant Studies in GCCOG

State Plans & Policies

- Caltrans Complete Street Policy (DD 64-R1)
- Active Transportation Program
- AB 1358
- AB 32 and SB 375

County & Regional Plans

- Los Angeles County Bicycle Plan
- SCAG 2012 RTP/SCS
- Gateway Cities COG SCS
- Metro Bicycle Transportation Strategic Plan

Local Plans

- Compton
  - •Compton Creek Regional Garden Park Master Plan
- Lynwood
  - •Draft Bicycle and Pedestrian Transportation Plan
- **Long Beach**
  - **•Blue Line Bicycle and Pedestrian Access Plan**
  - **•Bicycle Master Plan**
- Signal Hill
  - •Walkways and Trails Map
- South Gate
  - •Green City Element
  - •Healthy Community Element
- Whittier
  - •Greenway Trail Map

Strategic Transportation Plan

GATEWAY CITIES COUNCIL OF GOVERNMENTS

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This plan will result in a document that systematically frames decisions about future transportation infrastructure investments and associated economic development. It will ensure that Gateway Cities gets useful mobility options and congestion relief benefits in the most cost effective, environmentally safe manner.

Schedule

- *Complete Strategic Transportation Plan by* ***Spring 2014***

Active Transportation Element Overview

Major Components of Active Transportation Element

- Safety
- Bicycle Element
- Pedestrian Element
- Access to Transit
- Public Health/Fitness

GATEWAY CITIES COUNCIL OF GOVERNMENTS

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Safety

- Summarize Collision Data
- Identify "hot spots" (need city feedback on comfort)
- Local safety initiatives
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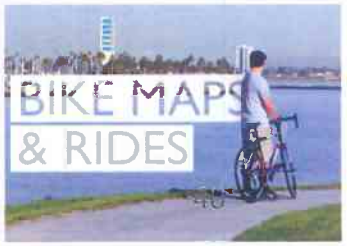

Bicycle Element

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Exhibit 7-2 – San Jose Creek Bicycle Path

The City recognizes the importance of grade-separated bicycle paths to provide a complete bicycle network. The San Jose Creek Bicycle Path parallels South Campus Drive, offering a greater level of east west connectivity and offering access to California Polytechnic University at Pomona. The San Jose Creek Bicycle Path connects the university to Hamilton Boulevard, facilitating access to downtown Pomona, the Civic Center, and regional transit connections. The proposed bicycle facilities will extend along the 3.5-mile length of the path from east of Temple Avenue to Casa Vista Drive. This stretch includes 15 access points to the grade-separated path.

Bikeway Connections	Destinations
Ridgeway Street Bicycle Lane	Cal Poly Pomona
Dudley Street Bicycle Route	Kellogg Park
Hamilton Boulevard Bicycle Lane	Kellogg Polytechnic Elementary
Kellogg Drive Bicycle Path	Ganesha High School
Casa Vista Drive Bicycle Route	John F. Kennedy Park
Cal Poly Bicycle Path	Marshall Middle School
	Kiwanis Park
	Arroyo Elementary School
	Cortez Elementary School
	DeVry University

Existing Conditions

Undercrossing at SR 57

A paved and lighted pathway already exists at the SR 57 undercrossing.

Pathway east of Kellogg Park

User-created openings in the chain-link fence at Kellogg Park indicate that the wide right-of-way is currently being used as access to and from the park.

TABLE 4.2 - PROPOSED PROJECT LIST

Facility	From (N/W)	To (S/E)	Distance	Facility Type
2nd St	Chino Valley Fwy	Garey Ave	2	Bike Route
	Garey Ave	Gibbs St	0.4	TBD
	Gibbs St	Reservoir St	0.5	Bike Route
9th St	Butterfield Rd	Dudley St	0.35	Bike Route
	Dudley St	ECL	3	Bike Lane
Alameda St	Artesia St	Garey Ave	0.3	Bike Route
Alvarado St	Huntington St	San Antonio Ave	1.5	Bike Route
Artesia St	Alameda St	Orange Grove Ave	0.4	Bike Route

Pedestrian Element

- Identify local practices supporting pedestrian mobility
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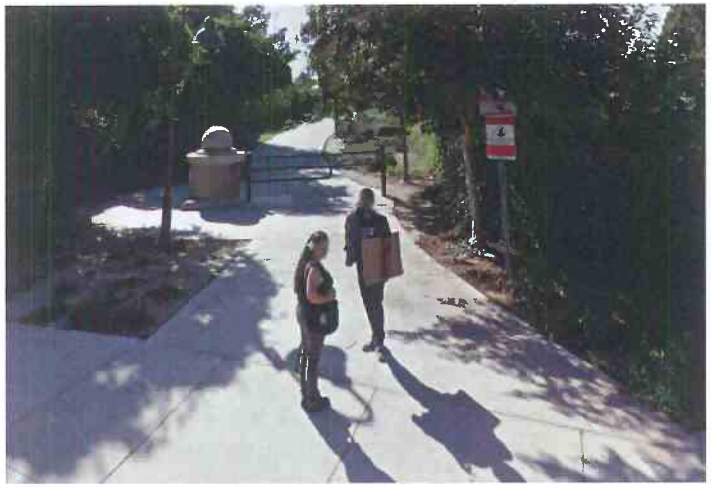

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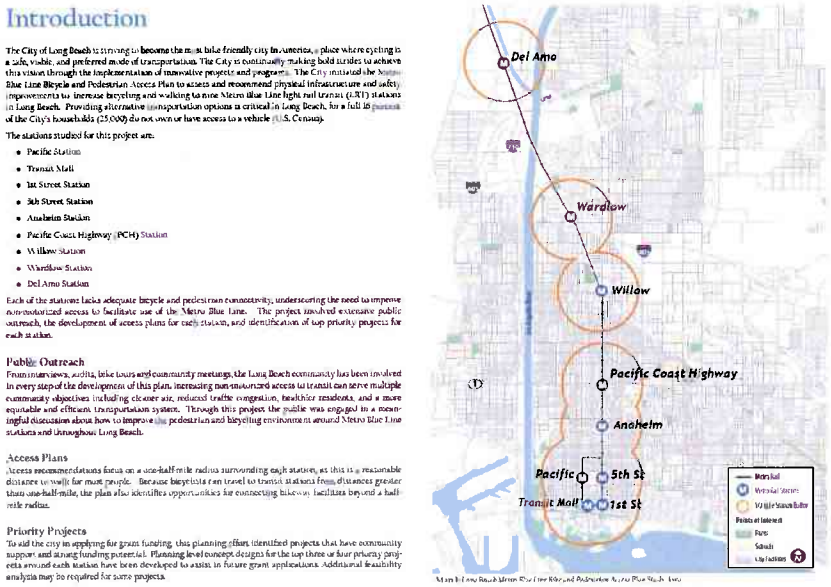

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GATEWAY CITIES COUNCIL OF GOVERNMENTS

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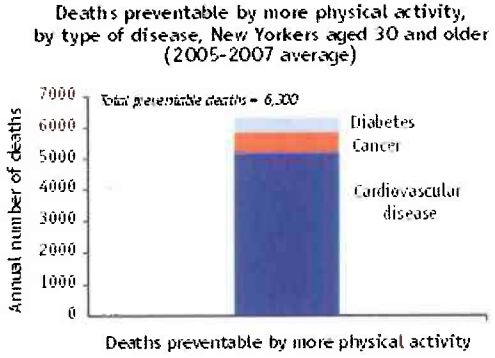
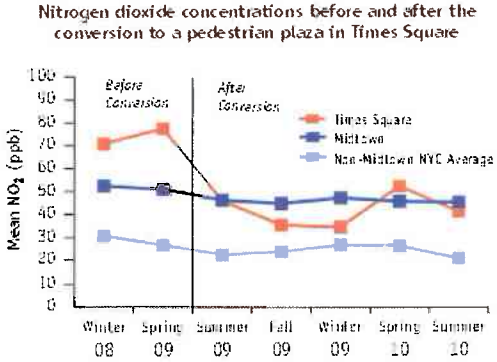
Public Health/Fitness

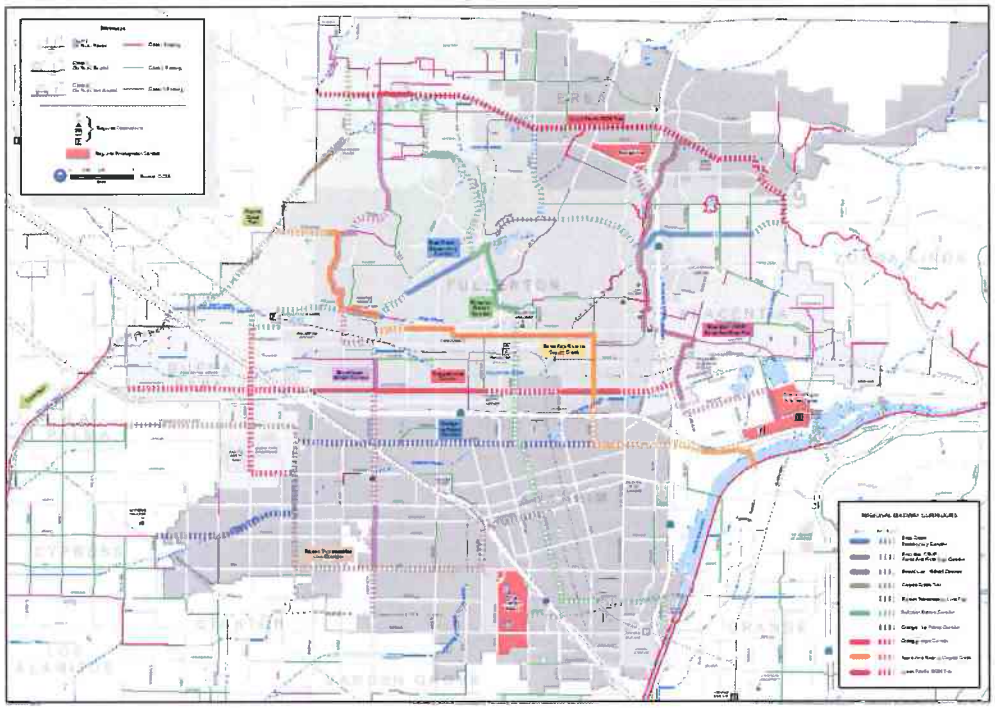




- Research national literature on linkage between active transportation and fitness
- Summarize savings in medical costs relating to increased physical activity

Deliverables

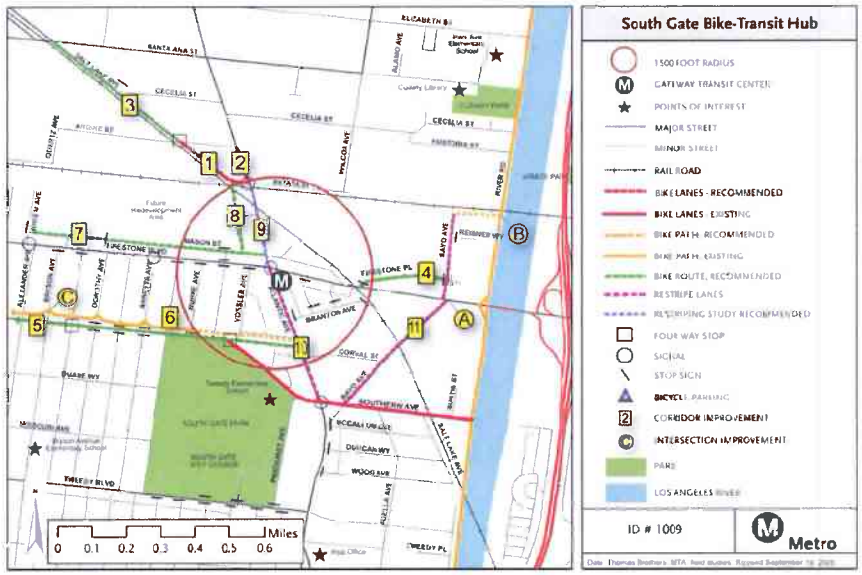
- Active Transportation Plan for Gateway Cities
  - Admin Draft
  - Draft
  - Final Draft
- 10 ATP Meetings
- Inclusive of all Gateway Cities and preceding content



Deliverables

Active Transportation Plan Contents

- Agency and Public Input
- Existing Conditions
- Policy Framework
- Safety and Public Health
- Proposed Active Transportation Network
- Support Programs
- Funding and Implementation



Schedule

- Spring 2013 – Project Initiation & Agency Contact
- Summer 2013 – Draft Active Transportation Plan
- Fall 2013 – Final Active Transportation Plan

GATEWAY CITIES COUNCIL OF GOVERNMENTS

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Relevant Studies in GCCOG

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  - Mobility Plan
- Signal Hill
  - Walkways and Trails Map
- South Gate
  - Green City Element
  - Healthy Community Element
- Whittier
  - Greenway Trail Map

Collecting relevant General Plan, Circulation Element, and Pedestrian or Bicycle Plan data for all member cities (when available)

Adjacent Jurisdiction Contacts

Neighboring/Regional Entities

- Los Angeles County (8 cities)
- Orange County (7 cities)
- Unincorporated Los Angeles and Orange Counties (Rossmoor, East LA, Florence/Walnut Park, Willowbrook, Rancho Dominguez)
- Orange County Transportation Authority
- Metro
- Caltrans

GCCOG and Other Contacts

Primary Contacts for Requesting Input

- I-710 Technical Advisory Committee (TAC)
- SR-91/I-605/I-405 Technical Advisory Committee
- Additional follow-up with individual member cities may occur at the direction of a TAC

Advocacy Groups

- Los Angeles County Bicycle Coalition
- Los Angeles Walks
- Long Beach Cyclists

QUESTIONS?
THANK YOU

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