Ms. (Gold)smith Goes to Washington

The Process We’re Following to Implement Bike Share in Los Angeles County

March 2012

LA County Metropolitan Transportation Authority
Los Angeles County Demographics

• **Population:** 9.8 Million

• **Most populous County in the entire United States**

• Population is clustered in the **88 cities and unincorporated County**

• **Polyglot:** Los Angeles is home to people from more than 140 countries speaking 224 different languages

• **56.4%** of households speak a language other than English at home

• **13%** of people live in poverty in region
What is Metro?

Los Angeles County Metropolitan Transportation Authority: More than transit.

• Primary Provider of Public Transportation in Los Angeles County AND
  The Regional Transportation Planning Agency
  (programs transportation funds: federal & state)
• Metro plans, designs, constructs and operates regional transportation facilities

• Metro partially funds sixteen municipal bus operators and a diverse array of transportation projects including bikeways and pedestrian facilities, local roads and highway improvements including HOV lanes, goods movement, and Metrolink regional commuter rail.

Three local sales taxes fund over 50% of Metro’s operations
Challenges Created by Distances

- Geographical Area: 4084 Square Miles
  - Larger than Rhode Island and Delaware combined
  - 67% drive-alone rate, but VMT is steadily declining
  - 7.2% of population takes public transportation to work
  - 2% of all trips made by bicycle* Cycling to work increased by 56% between 2000 and 2010**
    - 18.4 miles average commute
    - 62 miles longest commute (2 hours by train)
  - CicLAvia program began in 2010—participation has grown at each event from 60,000 to over 100,000 people!

*SCAG, NHTS 2009
**US CENSUS ACS
Metro Rail: 
Existing and Under Construction

- 79 Mile of Rail, 18 Miles of BRT, bus Routes, 1,433 square miles
- 90 Stations
- 512 miles of Commuter Rail in 5 counties, 54 stations (26 in LAC)
- Rail Ridership: 1.1 m avg weekday boardings (2nd busiest system in country)
- 1.5% rail riders use a bicycle on the train
Projects funded by Metro

NEW Santa Monica Bike Center

Across the street from future terminus station for Expo LR Line

Road Diets
Bike Boulevards
Bike Corrals
Bike Parking
Bike Boxes
Sharrows
Paths, lanes, routes
Program Priorities:

Connections to trains and buses
- Station access
- Bicycle parking
- Bikes on trains and buses
- Filling gaps in infrastructure
- Folding bikes
- Design criteria for transit system expansion

Funding infrastructure through Call for Projects
- Innovative bikeway design
- Bicycle parking
- Bike and walkshed improvements

and now, BIKESHARE.
Infrastructure will not necessarily lead (Los Angeles County Bike Map)

- Currently 241 miles of bike paths, 552 of bike lanes, & 521 of bike routes
- County recently adopted Transportation Master Plan to add 831 new bikes of bikeways over the next two decades
"CHANGING THE WORLD ONE CITY AT A TIME"

2010 CHANGES

Public pressure = Metro Board Directives

Growing movement – regular rides

“Gen Y”

2011 CICLAVIA EVENTS 3X PER YEAR 100,000 PEOPLE & GROWING

“Bikes on trains anytime”

Mayor’s legacy
Our Models for Success

Steps:

- July 2011: Board Directive
- December 2011: Workshop with Panels of Outside Speakers
- January 2012: Bike Share Concept Report
- February 2012: Bike Share Demo
- February 2012: Bike Share Working Group Convenes
- Fall 2012: Bike Share Feasibility and Implementation Plan
Bike Share Concept Report

What is bike share and how does it operate?
Use transit hubs for docking stations
Potential Roles and Responsibilities
Partnerships:
- Regional Agency
- Transit Catchment Area
- Local Jurisdiction
- Private Industry
- Business

Interagency Agreements
Operating Models
Costs and Revenues
Lessons Learned
Heat Map

Attributes used for first round of heat map:
- Population density
- Job density
- Tourist attractions
- Subway & Light rail
- Commuter rail
- Bus rapid transit
Preliminary Bike Share Heat Map of County
Bike Share Feasibility and Implementation Plan for Los Angeles County

PROPOSED OUTLINE

• Uniqueness of Los Angeles – opportunities and challenges – equity issues
• Inter-agency agreement – one system or multiple systems
• One procurement - Rider clause?
• Roles and Responsibilities
• Technology Options
• Operating scenarios – program size, ownership vs lease, for profit or non-profit operator
• Feasibility of establishing a non-profit to operate
• Market and demand analysis
• Financial assumptions
• Revenue scenarios – public, private or combination
• GIS analysis of centers utilizing 10-12 indicators
• Narrow down project areas
• Proposed phasing plan & methodology
• Recommendations
• ?
Metro’s Proposed Role

Metro to provide overall facilitation and coordination for a countywide program in collaboration with the Working Group and provide space at Metro’s transit stations for docking stations

Questions to answer:

- Where would bike share be successful?
- Develop Interagency Agreement(s)?
- Select an integrated technology?
- One procurement or multiple procurements?
- Deciding best operating scenario?
- Establish a non-profit operator?
- Deciding best funding mechanisms?
- Some cities will partner and some will go on their own
Cities with Some Funding for Initial Launch

Santa Monica

Downtown LA

Long Beach