



County of Los Angeles Bicycle Master Plan

Regional Planning Commission Public Hearing

November 16, 2011



PREPARED BY:
Alta Planning + Design
PREPARED FOR:
County of Los Angeles Public Works



Draft

County of Los Angeles

Bicycle Master Plan

Final Plan - October 2011



Every time I see an adult on a bicycle, I no longer despair for the future of the human race. - H. G. Wells



County of Los Angeles Bicycle Master Plan

Regional Planning Commission Public Hearing

November 16, 2011



Why?

“To increase bicycling throughout the County of Los Angeles through the development and implementation of..”



- Bicycle friendly policies
- Infrastructure
- Education, Encouragement, Enforcement and Evaluation Programs



Goals & Policies:

To improve bicycling conditions and increase bicycle usage in the County, the Plan identified the following goals:

Goal 1 - Bikeway System:

Expanded, improved, and interconnected system of County bikeways and bikeway support facilities.

Goal 2 - Safety:

Increased safety of roadways for all users.

Goal 3 - Education:

Develop education programs that promote safe bicycling.

Goal 4 - Encouragement Programs:

Encourage County residents to walk or ride a bike for transportation and recreation.

Goal 5 - Community Support:

Community supported bicycle network.

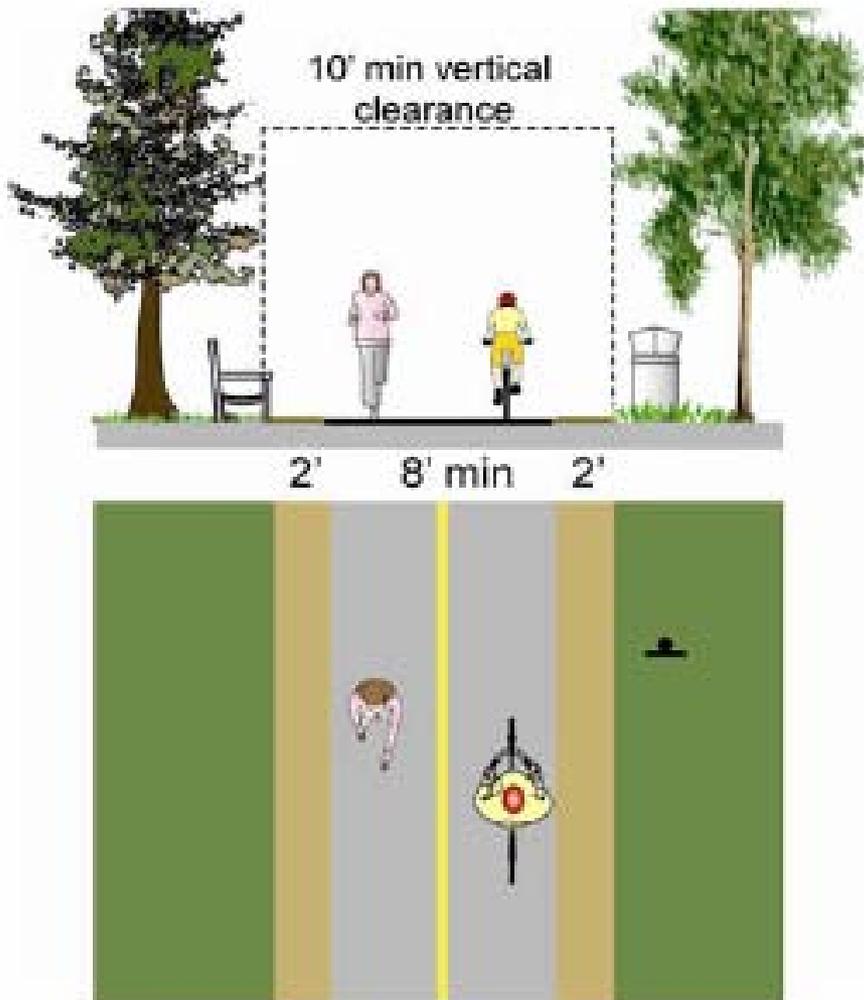
Goal 6 - Funding:

Funded Bikeway Plan.





Types of Bicycle Facilities:



Class I Bicycle Paths:

- Shared-use paths or multi-use paths
- Off-road paved right-of-way
- Exclusive use by bicyclists, pedestrians, and other non-motorized users
- Physically separated from vehicular traffic
- Seen along creeks, rivers, and beaches



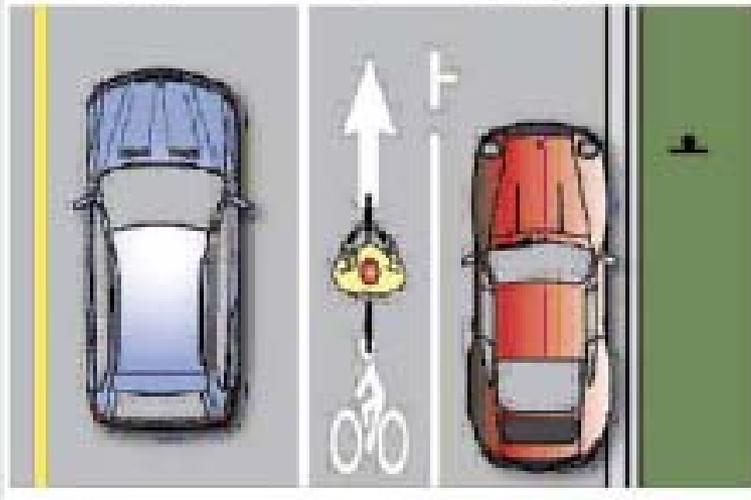
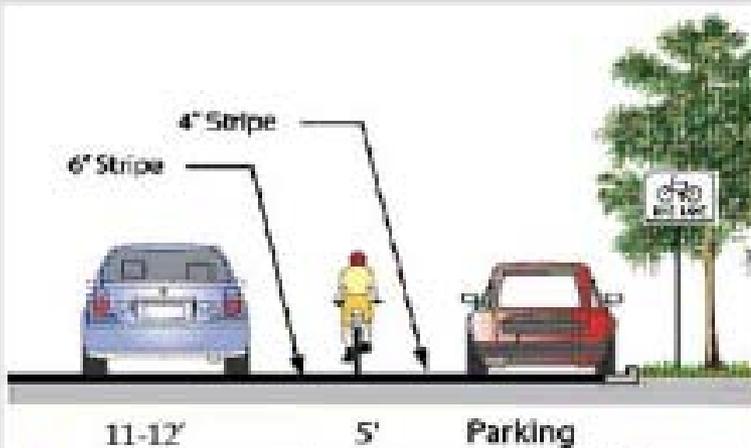
Types of Bicycle Facilities:

Typical Class I Bicycle Path along the San Gabriel River:





Types of Bicycle Facilities:



Class II - Bicycle Lane

- Exclusive lane for bicycle travel.
- Pavement striping and signage
- Adjacent to the curb where no on-street parking exists,
- Left side of on-street parking lanes.



Types of Bicycle Facilities:

Typical Class II Bicycle Lane on 1st Ave (Whittier) :



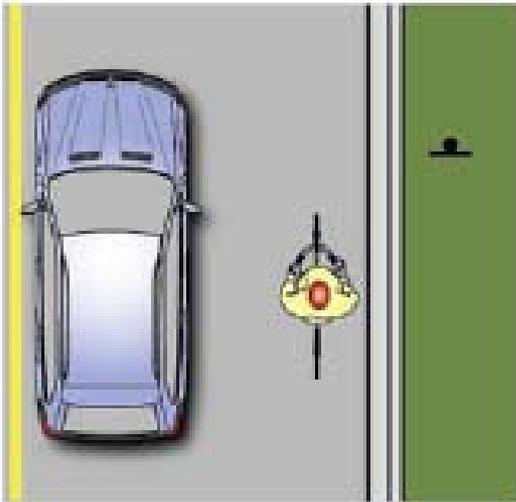


Types of Bicycle Facilities:



D11-1 Bike Route Sign

14' preferred min



Class III - Bicycle Route

- Shared use with motor vehicles
- Designated by signs
- May be supplemented by shared bicycle roadway markings (sharrows)
- Sharrows alert motorists and help cyclists avoid door zones.





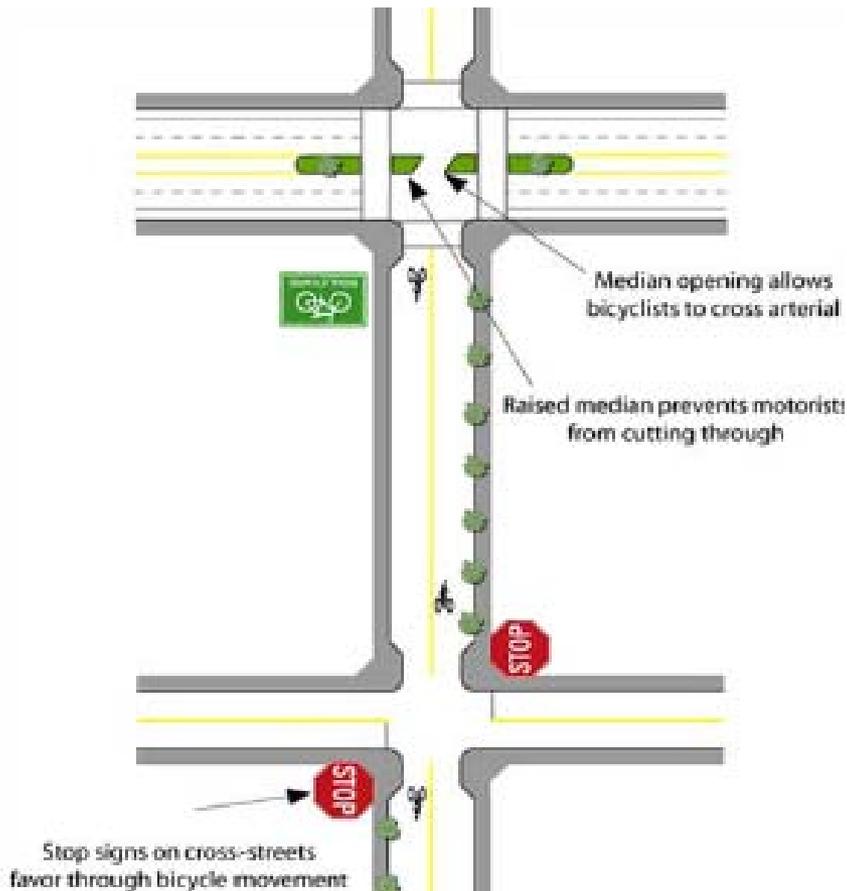
Types of Bicycle Facilities:

Typical Class III Bicycle Route on Scott Avenue (South Whittier):



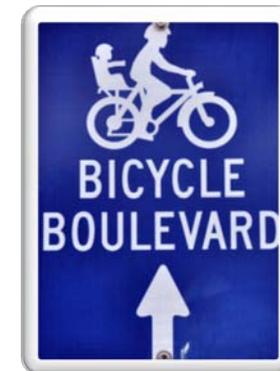


Types of Bicycle Facilities:



Bicycle Boulevards

- Local roads or residential streets
- Enhanced with signage
- Traffic calming
- Prioritize bicycle travel





Types of Bicycle Facilities:

Typical Bicycle Boulevard in San Luis Obispo:

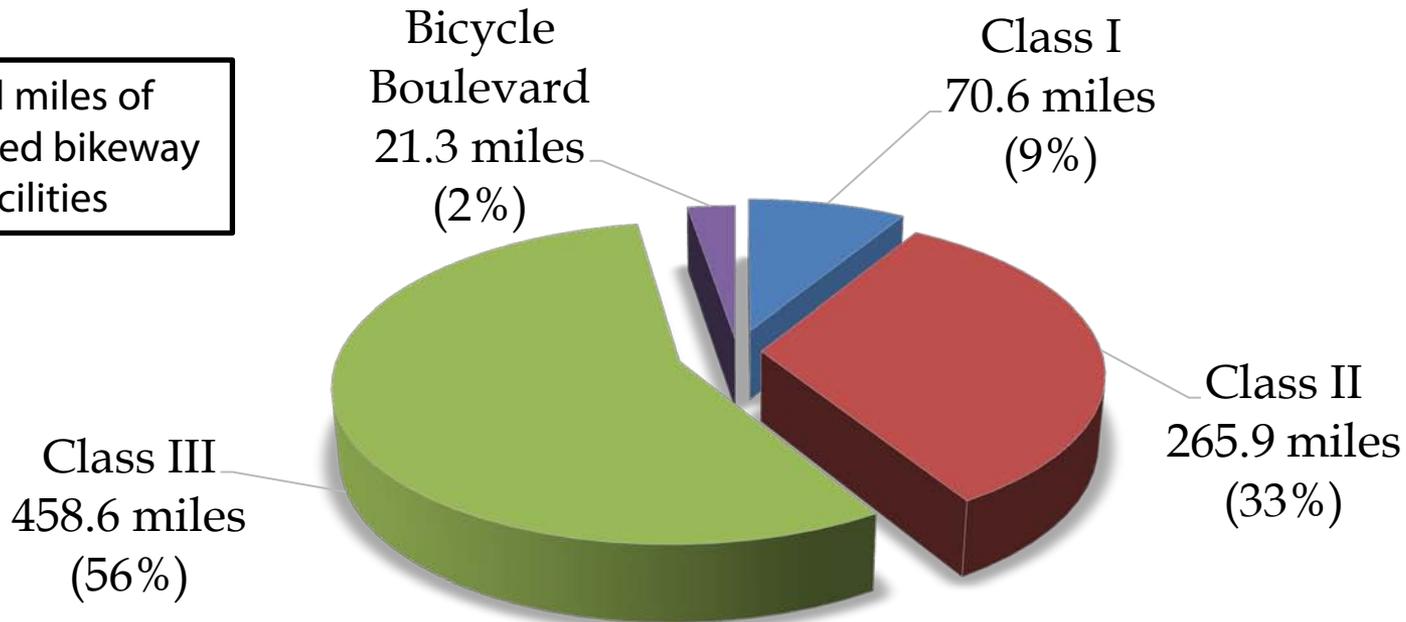




Plan Summary (Miles):

- 20 year plan (2012 - 2032)
- 816 miles in three phases

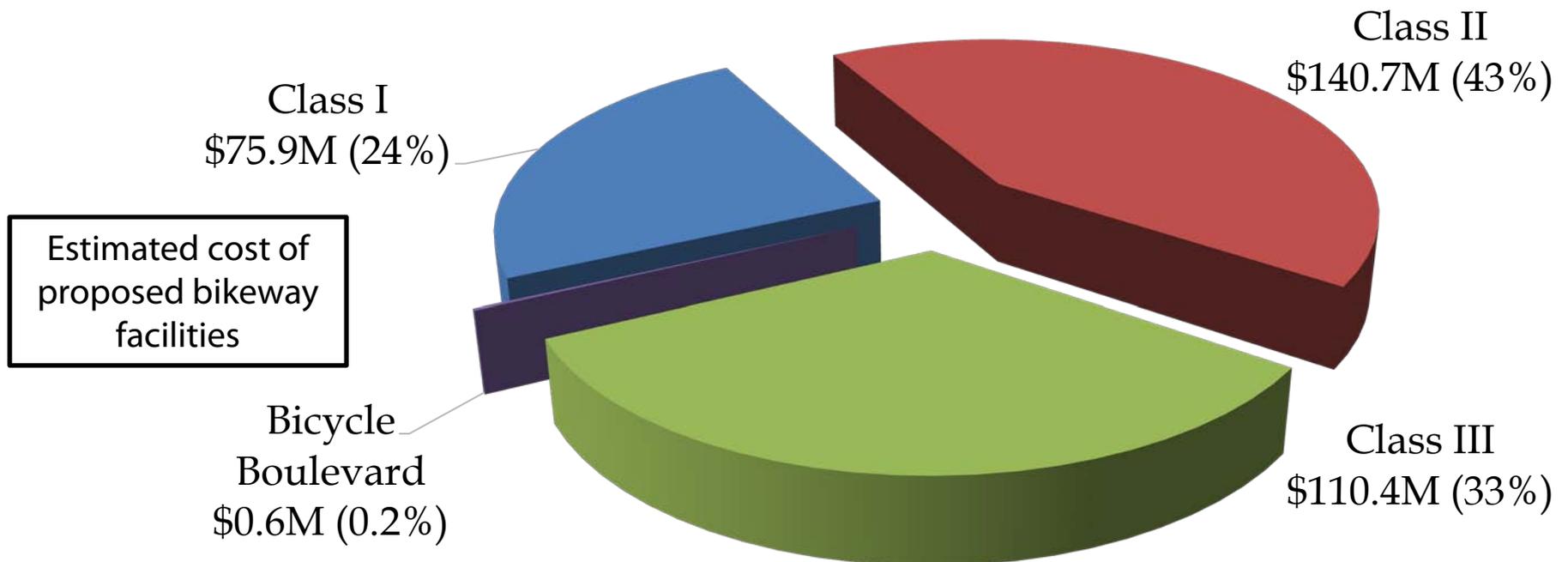
Total miles of proposed bikeway facilities





Plan Summary (Cost):

- Installation of proposed bikeways estimated at \$328 million:
 - \$76 million for off-street facilities
 - \$252 million for on-street facilities





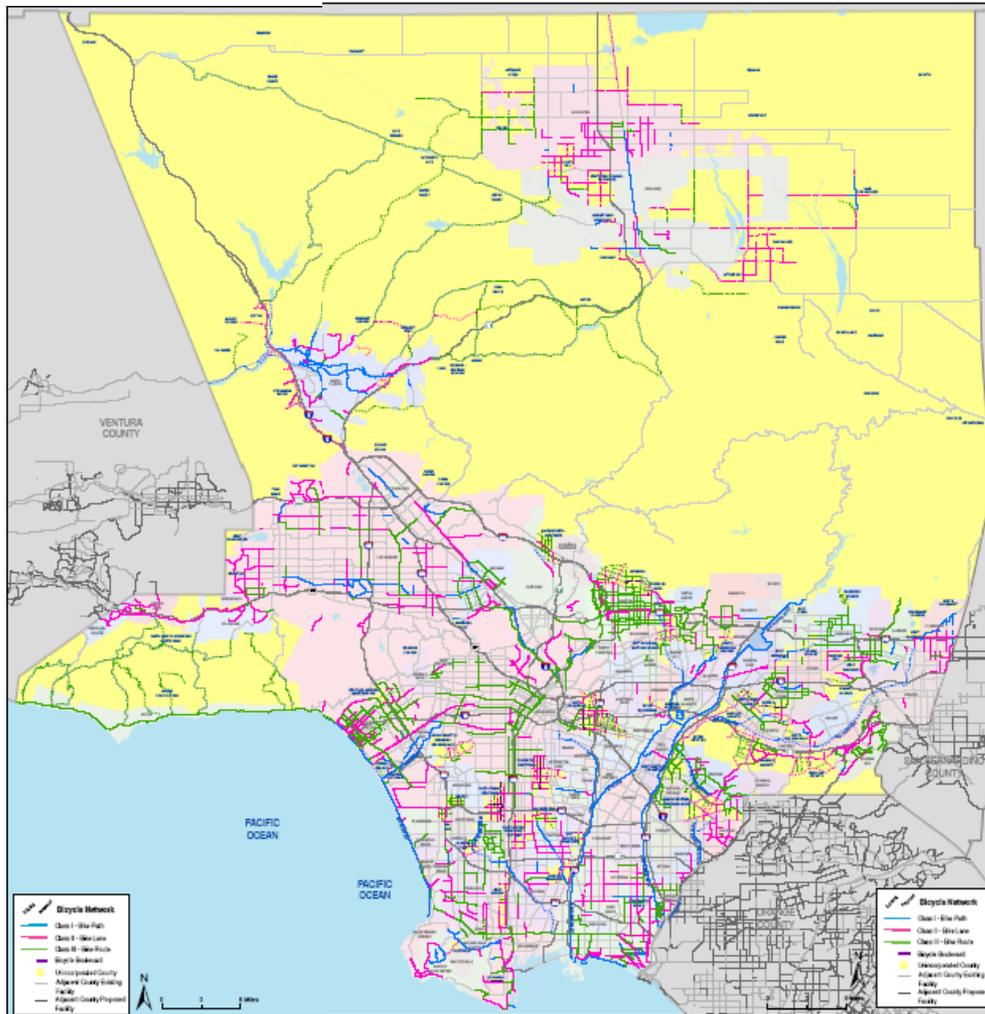
County of Los Angeles Bicycle Master Plan

Regional Planning Commission Public Hearing

November 16, 2011



Infrastructure:



MAP LEGEND

Existing	Proposed	Bicycle Network
		Class I - Bike Path
		Class II - Bike Lane
		Class III - Bike Route
		Bicycle Boulevard
		Unincorporated County
		Adjacent County Existing Facility
		Adjacent County Proposed Facility



County of Los Angeles Bicycle Master Plan

Regional Planning Commission Public Hearing

November 16, 2011



Planning Areas:

- Covers 10 of the 11 Planning Areas in the County General Plan
- The Coastal Island Planning area is not included in this Plan





County of Los Angeles Bicycle Master Plan

Regional Planning Commission Public Hearing

November 16, 2011



Existing & Proposed Bikeways:

Summary of Existing and Recommended Bikeway Facilities

Planning Area	Existing Facilities			Proposed Facilities			
	Class I	Class II	Class III	Class I	Class II	Class III	Bicycle Blvd
Antelope Valley	3.2	3.8	0.2	---	89.4	138.2	---
East San Gabriel Valley	7.5	7.6	9.4	25.1	30.8	27.5	3.0
Gateway	45.4	1.0	9.7	5.8	23.3	10.3	---
Metro	---	2.3	---	0.6	48.2	26.8	12.2
San Fernando Valley	---	1.5	---	2.2	0.9	7.5	--
Santa Clarita Valley	---	2.4	0.9	16.5	33.4	108.3	--
Santa Monica Mountains	---	0.5	---	---	1.8	92.9	--
South Bay	9.4	1.1	0.0	9.0	14.2	9.3	0.9
West San Gabriel	23.3	---	2.6	8.1	16.8	32.0	5.2
Westside	11.5	---	0.7	3.2	7.1	5.7	--
Total Mileage	110.3	20.2	23.5	70.6	265.9	458.6	21.3
Total Cost	---	---	---	\$75.9M	\$140.7M	\$110.4M	\$0.63M



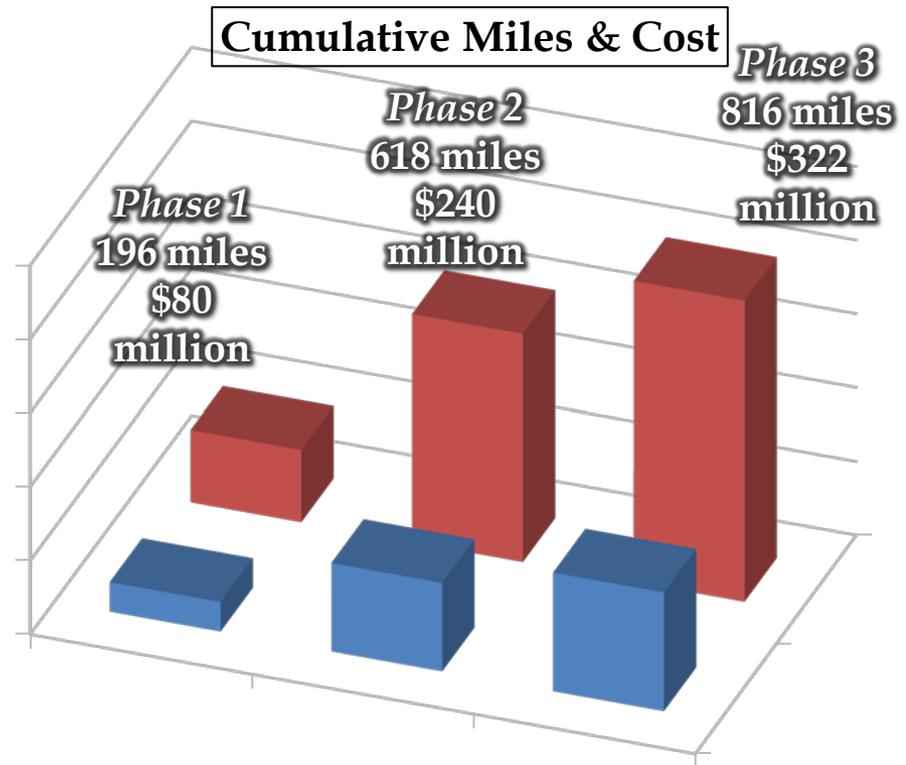
Implementation of Bikeway Facilities:

Prioritization:

- Connection Opportunities
- Community Needs
- Feasibility Considerations

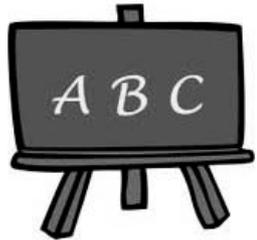
Phasing:

- Phase 1: 2012-2017 (First 5 yrs.)
- Phase 2: 2017-2027 (Middle 10 yrs.)
- Phase 3: 2027-2032 (Final 5 yrs.)





Programs (4 E's):



Education

Education programs for users of all ages and skill levels:

- Community and youth based skill improvement courses
- Public Awareness Campaigns

Enforcement

Programs to reduce unsafe bicyclist and motorist behaviors and enhance safety of all roadway users:

- Bicycle Patrol Unit
- Bicycle Light Enforcement



Encouragement

Programs focusing on encouraging people of all ages to bicycle more frequently:

- Suggested routes to schools
- Bike to Work Week/Month
- Local partnerships for more bicycle parking

Evaluation

Programs to evaluate progress of the Plan:

- Community Stakeholder Group
- Biennial counts
- Annual progress reports





Implementation of Programs:

Phasing: Tier 1 programs: 2012-2013; Tier 2 Programs: 2013-2018

Table 5-6: Program Implementation Recommendations

Program	Nexus with Chapter 2	Timeframe	Lead Agency	Possible Funding Sources
Tier I Programs				
Community Bicycle Education Courses	<i>Goal 3 – Education</i> Offer bicycle skills, bicycle safety classes and bicycle repair workshops. (IA3.1.1)	Ongoing	DPW & DPH	Center for Disease Control (CDC) - Community Transformation Grants
Youth Bicycle Safety Education Classes	<i>Goal 3 – Education</i> Offer bicycle skills, bicycle safety classes and bicycle repair workshops. (IA3.1.1)	Annual	DPW, DPH & LACOE	Safe Routes to School – Federal and State
Bicycle Rodeos	<i>Goal 3 – Education</i> Offer bicycle skills, bicycle safety classes and bicycle repair workshops. (IA3.1.1)	Biannual. In conjunction with Bike Month events and Summer Out-of-School programs.	DPW & DPH	CDC - Community Transformation Grants



County of Los Angeles Bicycle Master Plan

Regional Planning Commission Public Hearing

November 16, 2011



Environmental Review:

- EIR is required
- Funding provided by County Public Health RENEW grant
- Draft EIR released for public review August 9, 2011
- Public comment period ended November 10, 2011
- Final EIR to be released on November 25, 2011
- The significant adverse effects of implementation of the Plan will be reduced to an acceptable level





County of Los Angeles Bicycle Master Plan

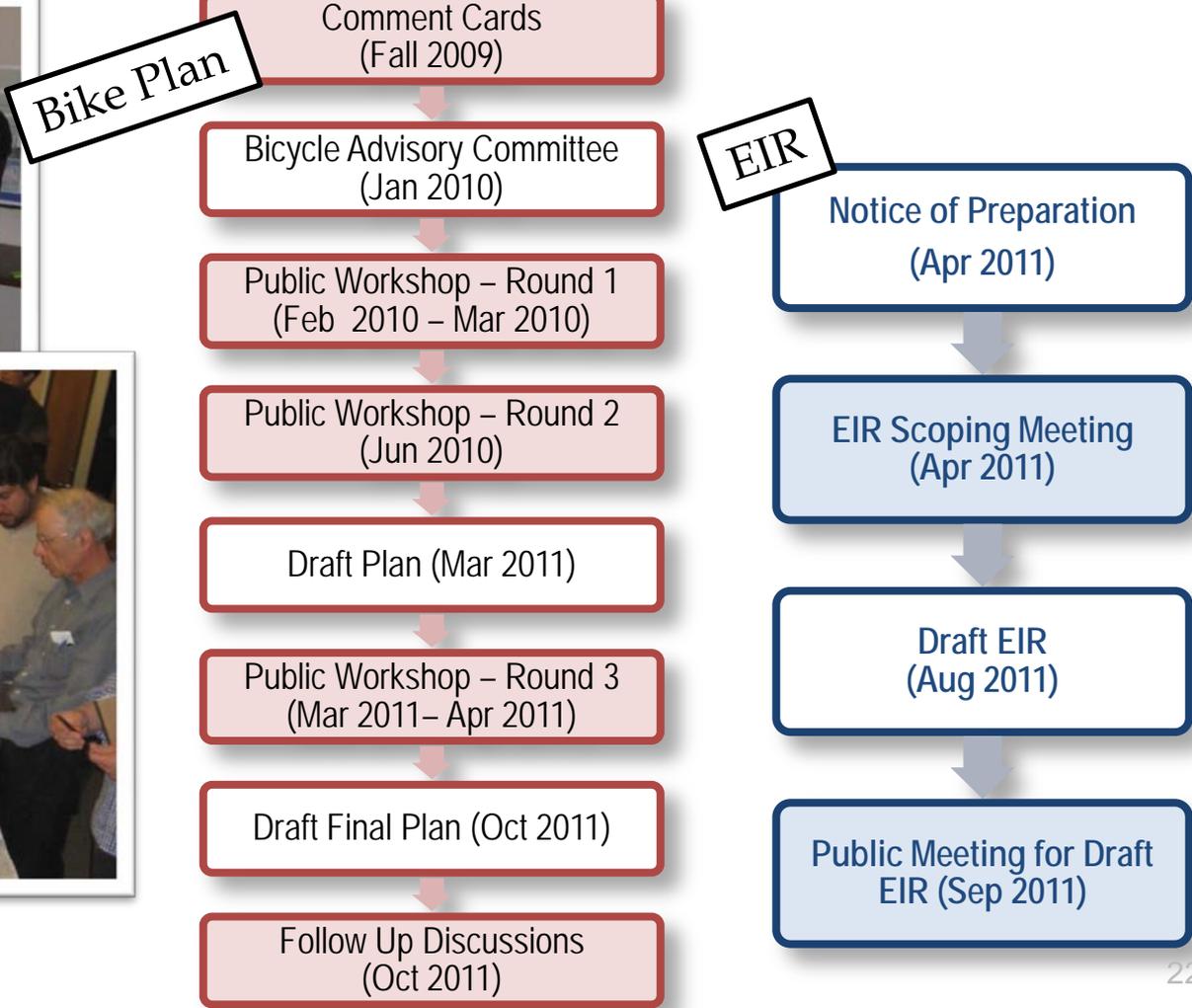
Regional Planning Commission Public Hearing

November 16, 2011



Plan Development & Public Participation:

<http://www.LACountyBikePlan.org>





Remaining Milestones:



Final EIR
(November 25, 2011)

Approval of Plan and EIR by
Regional Planning Commission

Adoption of Plan and EIR by
Board of Supervisors
(March 2012)



Alignment with County General Plan

General Policies:

- Policy 14: Restore and protect air quality

Transportation Element:

- Goal: Provide transportation to serve the needs of the public and to support adopted land use
- Goal: Reduce highway congestion
- Goal: Reduce transportation-related degradation of the environment
- Goal: Improve the efficiency of the transportation system and reduce transportation energy consumption
- Policy 3: Plan and develop bicycle routes and pedestrian walkways.
- Policy 18: Support use of non-vehicle improvements to reduce peak-hour congestion.
- Policy 25: Develop alternative transportation systems and procedures which will effectively reduce vehicle miles traveled (VMT) by automobiles.



County of Los Angeles Bicycle Master Plan

Regional Planning Commission Public Hearing

November 16, 2011



Results – Bicycle Lane



Before



After





Results – Bicycle Boulevard



Before



After