

TRANSMITTAL

To:

THE COUNCIL

Date:

JAN 18 2011

From:

THE MAYOR

TRANSMITTED FOR YOUR CONSIDERATION. PLEASE SEE ATTACHED.


 (Janelle Erickson)
for

ANTONIO R. VILLARAIGOSA
Mayor

CITY OF LOS ANGELES
INTER-DEPARTMENTAL CORRESPONDENCE

January 12, 2011

TO: Honorable Mayor Antonio R. Villaraigosa
Attn: Jaime de la Vega, Deputy Mayor

FROM: Michael J. LoGrande 
Director of Planning
Department of City Planning

Amir Sedadi 
Interim General Manager
Department of Transportation

SUBJECT: 2010 Bicycle Plan: Five-Year Implementation Strategy

Summary

The Departments of City Planning (DCP) and Transportation (DOT) are pleased to transmit the first Five-Year Implementation Strategy (Five-Year Strategy) of the 2010 Bicycle Plan (Plan). The Five-Year Strategy is a program (1.1.2C) of the Plan that instructs the City to implement at least 200 miles of bikeways every five years. Bikeways were selected for the Five-Year Strategy using the Plan's program 3.1.4.A the Bicycle Funding Priority Grading System. Implementation of the bikeways identified in this first Five-Year Strategy will be coordinated through the Bicycle Plan Implementation Team (BPIT), a group consisting of City staff and other agencies as well as members of the bicycling community. A map and a list of the bikeways selected for the Five-Year Strategy is included here as an attachment. The list of bikeway facilities further describes the estimated costs for the design and construction of each of the selected facilities.

Background

The 2010 Bicycle Plan (Plan) designates 1,680 miles of bikeway facilities (bicycle lanes, bicycle paths and Bicycle Friendly Streets) comprised of three networks (Backbone, Neighborhood, and Green). The Backbone and Neighborhood Networks which represent the networks of bikeways on the City's streets are the focus of the Five Year Strategy. These two networks represent 1,541 of the total 1,680 miles. Of the 1,541 miles a total of 314 miles are either existing bikeways or are in design and/or under construction. The Plan established the Five-Year Strategy as a means to ensure that the remainder of the 1,227 miles on the Backbone and Neighborhood Networks could be completed within the next 35 years.

The implementation of each bikeway relies not only on the skills and expertise of the design and engineering teams within the Departments of Transportation and Public Works but also on the community's desire to share the roadway with bicyclists and

Council support of the community's wishes. It is anticipated that certain future bike lanes may have potential impacts on parking and congestion. While the Complete Streets Act, which went into effect at the beginning of 2011, mandates that City's General Plan accommodate multiple modes of travel, the implementation of actual physical changes to City streets will take tremendous resources, political will, and community support. With these challenges in mind the BPIT was created as a venue to coalesce City staff (DOT, DPW, DCP, and other agencies) along with members of the bicycle community to identify the various strategies which may be needed to ensure implementation of bikeway facilities.

Priorities and Implementation

To assist with the identification and selection of bikeways for each of the Five-Year Strategies the Plan developed Program 3.1.4.A; the Bicycle Funding Priority Grading System (Grading System). The Grading System awards points to bikeways that are on either of the Backbone and Neighborhood Networks, that are located in low-income neighborhoods, and/or that close a corridor or geographic gap in the current bikeway system.

In this initial application of the Grading System a total of 253 miles were identified as qualifying for the first Five-Year Strategy. While the selection of 253 miles exceeds the City's commitment to design and fund 200 miles, the additional miles provide the City with alternatives should a particular bikeway prove difficult to implement for the time being or should additional funding become available that would permit the City to install additional bikeway miles. To assist the BPIT in further focusing their design efforts the 253 miles, again using the Grading System, were broken into two categories: Priority 1 and Priority 2. Priority 1 includes 60 miles of bikeways that were identified as being of the highest priority, or need, based upon the Grading System criteria. The remaining 193 miles of bikeways were included in Priority 2. While initial efforts will focus on the bikeways in Priority 1, opportunities that arise to implement a bikeway in Priority 2 will be pursued.

The Backbone and Neighborhood Networks are each comprised of a variety of bikeway types including bicycle lanes, bicycle routes, and bicycle friendly streets. The improvements for each of these three bikeway types range from a 5-7' lane within the roadway dedicated solely for the use of the bicycle, to a sign posted on the sidewalk identifying the street as a bicycle route, to engineering solutions that slow and/or even impede vehicular traffic in order to provide a safer bicycling experience.

The BPIT will meet regularly to discuss the design solution of each bikeway and in particular to discuss any challenges that arise in the design and implementation of the bikeway. The BPIT will identify a community outreach strategy to ensure that the community and elected officials are kept abreast of any proposed modifications to the current street design.

As bikeways in Priority 1 near completion the BPIT will evaluate which of the bikeways in Priority 2 should shift into the Priority 1 category. The BPIT will present their suggestions to the Transportation Committee during one of their regular reporting periods.

Budget and Funding

Due to the design variations between the three bikeway types DOT has assigned a preliminary cost estimate for each bikeway type. For budgeting purposes DOT has estimated that on average, each mile of a bicycle route or lane will cost \$50,000 and each mile of bicycle friendly street may cost as much as \$300,000. The actual cost of implementing each bikeway mile will depend upon the extent of the in-street bikeway treatments, level of community resistance and/or any needed environmental analysis

Based upon the distribution of bicycle lanes and bicycle friendly streets in the Priority 1 category DOT estimates the cost of implementing the first 60 miles of bikeways to be \$3.9 million. The cost of design and construction of the next 140 miles would be \$20.6 million and the total cost of all 253 miles would be \$27.7 million. See Table A for a detailed breakdown of each of the miles (by type and by network) attributed to each Priority category and their estimated costs.

Traditionally bikeway projects have been funded through the Transportation Development Account, Prop C and now more recently, Local Measure R has been introduced as a funding source. Based upon existing, and projected funding levels from these various accounts, DOT estimates that approximately \$15 million will be available over the next five years to implement on-street bikeway facilities (\$3 million annually). In order to ensure that each Bicycle Friendly Street receives ample traffic calming treatments and/or to ensure that sufficient funds are available to complete any needed environmental analysis, it is more likely that the actual costs will reach upwards of \$20 million. Therefore, the actual shortfall could range from \$9.1 million to complete at least 200 miles to \$12.7 million to complete all 253 miles. For those streets with potentially significant impacts, the environmental clearance cost may be much higher. It is prudent to include an additional \$5 million as a reserve fund for the environmental studies.

Because the estimated \$15 million may not be sufficient, City staff will continue to work with the CAO, and the Mayor's office to identify potential additional funding sources. In addition, DCP and DOT have identified the following additional potential local sources of funding:

1. West Los Angeles Transportation Improvement and Mitigation Plan
2. Coastal Transportation Corridor Specific Plan
3. Street Furniture Revenue Fund
4. Safe Routes to School Grants
5. Developer Mitigation Fees
6. Community Redevelopment Agency
7. Bicycle Transportation Account
8. Metro Call for Projects

Staff will continue to explore opportunities to tap into these resources.

Conclusion

DCP and DOT are committed to the Five-Year Implementation Strategy and will work with the BPIT and City Council to identify specific strategies for each bikeway project.

As specified in the 2010 Bicycle Plan, DCP and DOT will provide periodic updates on the implementation progress of the Plan to the Mayor and City Council and will continue an on-going dialogue with the bicycle community and other stakeholders.

Recommendation

1. Direct DCP and DOT to refine budget and scope over the next five years as project details evolve;
2. Direct the CAO to work with DCP and DOT and other City departments as necessary to review the preliminary budget and additional sources of funds over the next five years;
3. Transmit this report to City Council as an informational item.

Attachments

1. Table A
2. 5-Year Implementation Strategy Map
3. 5-Year Implementation Strategy Facility List and Associated Costs

Table A

Five-Year Implementation Strategy (2011-2016)

Priority 1 (60.5 miles)	Backbone	Neighborhood	Totals	Estimated Cost
Future Bicycle Lane	56.9	0.0	56.9	2,845,000
Bicycle Friendly Street	0.8	2.8	3.6	1,080,000
Total	57.7	2.8	60.5	\$3,925,000

Priority 2 (first 140 miles)	Backbone	Neighborhood	Totals	Estimated Cost
Future Bicycle Lane	70.8	6.9	77.7	3,885,000
Route	1.3	6.4	7.7	385,000
Bicycle Friendly Street	4.1	50.5	54.6	16,380,000
Total	76.2	63.8	140.0	\$20,650,000

Priority 2- (all 192.7 miles)	Backbone	Neighborhood	Totals	Estimated Cost
Future Bicycle Lane	117.4	9.2	126.6	6,330,000
Route	6.5	1.2	7.7	385,000
Bicycle Friendly Street	4.1	54.3	58.4	17,520,000
Total	128.0	64.7	192.7	\$24,235,000

Totals- (all 253.2 miles)	Backbone	Neighborhood	Totals	Estimated Cost
Future Bicycle Lane	174.3	9.2	183.5	9,175,000
Route	6.5	1.2	7.7	385
Bicycle Friendly Street	4.9	57.1	62.0	18,600,000
Total	185.7	67.5	253.2	\$27,775,385

2010 Bicycle Plan Five Year Implementation Strategy
Priority Streets

City of Los Angeles 2010 Bicycle Plan
DRAFT 200-Mile Implementation Strategy - Priority 1

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
Devonshire	7	405 Fwy	Woodman	1.0	Backbone	Future Bicycle Lane	\$51,000
Devonshire	12	Haskell	405 Fwy	0.2	Backbone	Future Bicycle Lane	\$11,500
York	14	Eagle Rock	N. Figueroa	1.4	Backbone	Future Bicycle Lane	\$70,813
Spring	14	Cesar Chavez	101 Fwy	0.2	Backbone	Future Bicycle Lane	\$8,606
Spring	9	101 Fwy	2nd	0.4	Backbone	Future Bicycle Lane	\$19,767
Spring (west side)	14	2nd	7th	0.3	Backbone	Future Bicycle Lane	\$15,674
Spring (east side)	9	2nd	7th	0.3	Backbone	Future Bicycle Lane	\$15,674
Spring	14	7th	9th	0.2	Backbone	Future Bicycle Lane	\$12,064
Main	14	Cesar Chavez	101 Fwy	0.2	Backbone	Future Bicycle Lane	\$9,879
Main	9	101 Fwy	7th	1.0	Backbone	Future Bicycle Lane	\$48,419
Main	14	7th	Olympic	1.0	Backbone	Future Bicycle Lane	\$47,821
Main	9	Olympic	16th	0.6	Backbone	Future Bicycle Lane	\$29,076
Venice	9	110 Fwy	Main	0.9	Backbone	Future Bicycle Lane	\$42,500
Venice	1	Normandie	110 Fwy	1.7	Backbone	Future Bicycle Lane	\$83,000
Venice (north side)	1	Western	Normandie	0.2	Backbone	Future Bicycle Lane	\$11,750
Venice (south side)	10	Western	Normandie	0.2	Backbone	Future Bicycle Lane	\$11,750
Venice	10	Crenshaw	Normandie	1.1	Backbone	Future Bicycle Lane	\$56,500
S. Figueroa	9	Olympic	110 Fwy	1.1	Backbone	Future Bicycle Lane	\$57,278
S. Figueroa (east side)	9	23rd	Exposition	0.6	Backbone	Future Bicycle Lane	\$31,750
S. Figueroa	9	110 Fwy	Exposition	0.5	Backbone	Future Bicycle Lane	\$24,059
S. Figueroa (west side)	8	23rd	Exposition	0.8	Backbone	Future Bicycle Lane	\$38,500
S. Figueroa	8	110 Fwy	Exposition	0.5	Backbone	Future Bicycle Lane	\$24,059
4th St	4	Hauser	Wilton	2.1	Neighborhood	Bicycle Friendly Street	\$624,390
4th St	4	Commonwealth	Hoover	0.1	Neighborhood	Bicycle Friendly Street	\$25,470
Avenue of the Stars	5	Santa Monica	Pico	0.9	Backbone	Future Bicycle Lane	\$45,493
Pico	5	Avenue of the Stars	Motor	0.1	Backbone	Future Bicycle Lane	\$7,186
Westwood	5	Santa Monica	Malcolm	1.7	Backbone	Future Bicycle Lane	\$86,500
National Pl	5	Malcolm	Overland	0.2	Backbone	Future Bicycle Lane	\$8,500
Overland	5	National Pl	Palms	0.5	Backbone	Future Bicycle Lane	\$25,000
Overland	11	Palms	Venice	0.5	Backbone	Future Bicycle Lane	\$25,000

2010 Bicycle Plan Five Year Implementation Strategy
Priority Streets

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
Huntington	14	Alhambra City Limits	Collis	1.8	Backbone	Future Bicycle Lane	\$91,924
Huntington	14	Collis	Soto	0.8	Backbone	Bicycle Friendly Street	\$251,460
Mission	1	Soto	Broadway	0.2	Backbone	Future Bicycle Lane	\$8,639
Mission	14	Soto	Broadway	0.2	Backbone	Future Bicycle Lane	\$8,639
Martin Luther King Bl.	10	Rodeo	Buckingham	0.8	Backbone	Future Bicycle Lane	\$38,500
Martin Luther King Bl. (north side)	10	Buckingham	Marlton	0.1	Backbone	Future Bicycle Lane	\$7,250
Martin Luther King Bl. (south side)	10	Buckingham	Marlton	0.1	Backbone	Future Bicycle Lane	\$7,250
Venice	8	West	Crenshaw	0.4	Backbone	Future Bicycle Lane	\$18,500
Bundy	11	San Vicente	Stanwood	3.2	Backbone	Future Bicycle Lane	\$160,000
Centinela	11	Stanwood	Culver City Limit	1.3	Backbone	Future Bicycle Lane	\$65,500
7th St	10	Catalina	Hoover	0.7	Backbone	Future Bicycle Lane	\$32,500
7th St	1	Hoover	110 Fwy	1.4	Backbone	Future Bicycle Lane	\$70,000
7th St	9	110 Fwy	Hill	0.6	Backbone	Future Bicycle Lane	\$28,000
7th St	14	Hill	Soto	2.5	Backbone	Future Bicycle Lane	\$122,500
Sunset	1	Douglas	Figueroa	0.9	Backbone	Future Bicycle Lane	\$44,500
Cesar Chavez	1	Figueroa	Alameda	0.7	Backbone	Future Bicycle Lane	\$32,500
Cesar Chavez	14	Alameda	Vignes	0.3	Backbone	Future Bicycle Lane	\$15,500
Cesar Chavez	14	Vignes	Mission	0.7	Backbone	Future Bicycle Lane	\$35,000
Mission Road	1	Cesar E Chavez Ave	Valley	1.0	Backbone	Future Bicycle Lane	\$47,500
Mission Road	14	Valley	Broadway	1.2	Backbone	Future Bicycle Lane	\$62,217
Figueroa	1	Sunset/Cesar E Chavez Ave	101 Fwy	0.1	Backbone	Future Bicycle Lane	\$7,000
Figueroa	9	101 Fwy	Olympic	1.5	Backbone	Future Bicycle Lane	\$73,000
S. Figueroa (west side)	8	State Dr	Martin Luther King Jr	0.2	Backbone	Future Bicycle Lane	\$9,500
S. Figueroa (east side)	9	State Dr	Martin Luther King Jr	0.2	Backbone	Future Bicycle Lane	\$9,250
Abbot Kinney Blvd	11	Venice	Washington Blvd	0.6	Neighborhood	Bicycle Friendly Street	\$188,843
MLK (north side)	10	Crenshaw	Westside Ave	0.3	Backbone	Future Bicycle Lane	\$12,500
MLK (east side)	8	Crenshaw	Westside Ave	0.2	Backbone	Future Bicycle Lane	\$11,500
MLK	8	Westside Ave	Normandie	1.5	Backbone	Future Bicycle Lane	\$77,000
MLK (north side)	8	Normandie	Figueroa	0.5	Backbone	Future Bicycle Lane	\$25,000
MLK (east side)	9	Normandie	Figueroa	0.5	Backbone	Future Bicycle Lane	\$25,000
Exposition	5	Motor	National	0.5	Backbone	Future Bicycle Lane	\$22,500

2010 Bicycle Plan Five Year Implementation Strategy
Priority Streets

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
Exposition	10	La Cienega	Arlington	3.2	Backbone	Future Bicycle Lane	\$159,000
Exposition	8	Arlington	Vermont	1.5	Backbone	Future Bicycle Lane	\$75,000
First	9	Central	LA River	0.5	Backbone	Future Bicycle Lane	\$26,789
First	14	LA River	Lorena	2.3	Backbone	Future Bicycle Lane	\$117,000
Wilshire Blvd	5	Beverly Hills City Limit	Fairfax	0.6	Backbone	Future Bicycle Lane	\$30,500
Wilshire Blvd	4	Fairfax	Murfield	1.8	Backbone	Future Bicycle Lane	\$92,000
Wilshire Blvd	4	Murfield	Wilton	0.4	Backbone	Future Bicycle Lane	\$21,500
Wilshire Blvd	10	Murfield	Wilton	0.4	Backbone	Future Bicycle Lane	\$21,500
Wilshire Blvd	10	Wilton	Vermont	1.3	Backbone	Future Bicycle Lane	\$64,500
Wilshire Blvd	11	Centinela	Federal	0.9	Backbone	Future Bicycle Lane	\$47,000
Wilshire Blvd	5	Veteran	Beverly Hills City Limits	2.1	Backbone	Future Bicycle Lane	\$103,000
Total Miles				60.5	Total Cost		\$3,925,000

2010 Bicycle Plan Five Year Implementation Strategy

City of Los Angeles 2010 Bicycle Plan

DRAFT 200-Mile Implementation Strategy - Priority 2

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
Roxford	7	Telfair	Eldorado	0.1	Backbone	Future Bicycle Route	\$6,842
Roxford	7	Eldorado	Ralston	0.3	Backbone	Future Bicycle Lane	\$14,393
Roxford	7	Ralston	Foothill	1.0	Backbone	Future Bicycle Route	\$49,186
Cattaraugus	10	Shenandoah	City Limits	0.4	Neighborhood	Bicycle Friendly Street	\$126,000
Osbourne	7	San Fernando	Foothill	1.7	Backbone	Future Bicycle Lane	\$83,612
Astoria	7	San Fernando	Foothill	1.5	Neighborhood	Bicycle Friendly Street	\$454,144
Plummer	7	405 Fwy	Sepulveda	0.3	Neighborhood	Future Bicycle Lane	\$15,500
Plummer	12	Vanalden	Wilbur	0.3	Neighborhood	Future Bicycle Lane	\$12,509
Plummer	12	Balboa	405 Fwy	1.7	Neighborhood	Future Bicycle Lane	\$84,000
Plummer	12	Reseda	Etiwanda	0.3	Neighborhood	Future Bicycle Lane	\$12,500
Riverside	2	Van Nuys	Tyrone	0.3	Backbone	Future Bicycle Lane	\$12,805
Riverside	2	Woodman	Sunnyslope	0.3	Backbone	Future Bicycle Lane	\$12,504
Riverside	2	Laurel Canyon	Colfax	0.5	Backbone	Future Bicycle Lane	\$25,000
Riverside	2	Colfax	Kraft	0.4	Backbone	Future Bicycle Lane	\$22,000
Winnetka	3	Victory	Gault	0.9	Backbone	Future Bicycle Lane	\$46,500
Winnetka	12	Nordoff	Plummer	0.8	Backbone	Future Bicycle Lane	\$37,500
Woodley	6	Roscoe	Stagg	0.6	Neighborhood	Future Bicycle Lane	\$28,500
Woodley	12	Chase	Roscoe	0.3	Neighborhood	Future Bicycle Lane	\$13,000
Woodley	6	Stagg	Sherman	0.8	Neighborhood	Future Bicycle Lane	\$40,500
Woodman (west side)	7	Lassen	Plummer	0.3	Backbone	Future Bicycle Lane	\$15,750
Woodman (east side)	6	Lassen	Plummer	0.3	Backbone	Future Bicycle Lane	\$15,750
Woodman (west side)	7	Plummer	Nordoff	0.3	Backbone	Future Bicycle Lane	\$14,500
Woodman (east side)	6	Plummer	Nordoff	0.3	Backbone	Future Bicycle Lane	\$14,500
Woodman (west side)	7	Nordoff	Chase	0.3	Backbone	Future Bicycle Lane	\$15,500
Woodman (east side)	6	Nordoff	Chase	0.3	Backbone	Future Bicycle Lane	\$15,500
Woodman	6	Chase	CD2 Boundary before Schlitz	1.5	Backbone	Future Bicycle Lane	\$73,500
Woodman	2	CD2 Boundary before Schlitz	Sherman	0.6	Backbone	Future Bicycle Lane	\$28,500
Woodman	2	Sherman	Orange line bikeway	1.5	Backbone	Future Bicycle Lane	\$75,000
Woodman	2	Burbank	Riverside	1.0	Backbone	Future Bicycle Lane	\$49,500
Laurel Canyon	2	Kittridge	Oxnard	0.8	Backbone	Future Bicycle Lane	\$37,669

2010 Bicycle Plan Five Year Implementation Strategy

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
Barham	4	Forest Lawn	Cahuenga	1.1	Backbone	Future Bicycle Lane	\$54,917
Cahuenga	4	Barham	Yucca	2.9	Backbone	Future Bicycle Lane	\$143,653
Yucca	13	Cahuenga	Vine	0.2	Backbone	Future Bicycle Lane	\$8,683
Arden (Pl and Blvd)	4	Rossmore	Wilshire	1.5	Backbone	Future Bicycle Lane	\$73,899
3rd	4	Arden	Arden	0.0	Backbone	Future Bicycle Lane	\$359
Colorado	14	Broadway	City Limits	3.0	Backbone	Future Bicycle Lane	\$147,682
N. Figueroa	14	Colorado	York	1.7	Backbone	Future Bicycle Lane	\$83,421
N. Figueroa	1	York	San Fernando	3.5	Backbone	Future Bicycle Lane	\$172,820
Los Angeles River	1	N. Figueroa	N. San Fernando	0.3	Neighborhood	Future Bicycle Lane	\$13,555
N. San Fernando	1	Ave 19	Los Angeles River Shore	0.1	Neighborhood	Future Bicycle Lane	\$3,810
Ave 19	1	N. San Fernando	Barranca	0.4	Neighborhood	Future Bicycle Lane	\$18,700
Barranca	1	Ave 19	N. Ave 18	0.1	Neighborhood	Future Bicycle Lane	\$3,665
N. Ave 18	1	Barranca	Broadway	0.2	Neighborhood	Future Bicycle Lane	\$12,015
Alumni	14	Eagle Rock	Campus	0.4	Neighborhood	Bicycle Friendly Street	\$119,995
N. Spring	1	Ave 18	College	1.0	Neighborhood	Future Bicycle Lane	\$48,718
N. Spring	1	College	Ord	0.3	Neighborhood	Future Bicycle Lane	\$14,227
N. Spring	1	Ord	Cesar Chavez	0.1	Neighborhood	Bicycle Friendly Street	\$36,253
Broadway	1	Mission	Cesar Chavez	3.0	Backbone	Future Bicycle Lane	\$151,874
Central	9	1st	5th	0.5	Backbone	Future Bicycle Lane	\$26,008
Central	14	5th	Olympic	0.7	Backbone	Future Bicycle Lane	\$36,526
Central (Westside)	9	Olympic	10 Fwy	0.3	Backbone	Future Bicycle Lane	\$13,516
Central (Eastside)	14	Olympic	10 Fwy	0.3	Backbone	Future Bicycle Lane	\$13,516
Central	9	10 Fwy	95th	5.1	Backbone	Future Bicycle Lane	\$255,069
Central	8	95th	Century	0.2	Backbone	Future Bicycle Lane	\$10,134
6th	14	Central	LA River	0.7	Backbone	Future Bicycle Lane	\$35,282
Whittier	14	LA River	Indiana	2.3	Backbone	Future Bicycle Lane	\$114,310
2nd	14	Cummings	Indiana	1.5	Neighborhood	Bicycle Friendly Street	\$456,556
Beverly	13	Vermont	Westmoreland	0.2	Backbone	Future Bicycle Lane	\$10,674
Beverly	13	Westmoreland	Rampart	0.8	Backbone	Future Bicycle Route	\$41,079
Beverly	13	Rampart	Glendale	1.2	Backbone	Future Bicycle Lane	\$60,830
2nd	1	Glendale	110 Fwy Fwy	0.5	Backbone	Future Bicycle Lane	\$25,693
2nd	9	110 Fwy Fwy	Hill	0.7	Backbone	Future Bicycle Lane	\$35,509
2nd (north side)	9	Hill	Main	0.1	Backbone	Future Bicycle Lane	\$3,900
2nd (south side)	14	Hill	Main	0.1	Backbone	Future Bicycle Lane	\$3,900

2010 Bicycle Plan Five Year Implementation Strategy

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
2nd	9	Main	Spring	0.1	Backbone	Future Bicycle Lane	\$3,942
2nd	9	Main	Central	0.4	Backbone	Bicycle Friendly Street	\$112,998
Reno	4	Beverly	3rd	0.1	Neighborhood	Future Bicycle Lane	\$6,250
Reno	1	Beverly	3rd	0.1	Neighborhood	Future Bicycle Lane	\$6,250
Reno	1	3rd	4th	0.1	Neighborhood	Future Bicycle Lane	\$5,497
Riverside	4	Fletcher	Los Feliz	1.2	Backbone	Future Bicycle Lane	\$58,668
Crystal Springs	4	Los Feliz	Park Limits	0.5	Backbone	Future Bicycle Lane	\$22,662
Lorena	14	Cesar Chavez	Lanfranco	0.8	Backbone	Future Bicycle Lane	\$42,330
Lorena	14	Lanfranco	8th	0.6	Backbone	Future Bicycle Lane	\$30,522
11th	9	Main	Figueroa	0.5	Neighborhood	Bicycle Friendly Street	\$154,316
Chick Hearn	9	Figueroa	110 Fwy Fwy	0.3	Neighborhood	Bicycle Friendly Street	\$90,310
11th	1	110 Fwy Fwy	Hoover	0.9	Neighborhood	Bicycle Friendly Street	\$280,799
16th	9	Main	Central	0.9	Backbone	Future Bicycle Lane	\$45,500
Adams	10	Fairfax	Westerm	3.6	Backbone	Future Bicycle Route	\$177,500
Adams	8	Western	Normandie	0.5	Backbone	Future Bicycle Route	\$25,000
Adams (north side)	8	Normandie	Vermont	0.3	Backbone	Future Bicycle Route	\$12,500
Adams (south side)	8	Normandie	Vermont	0.3	Backbone	Future Bicycle Route	\$12,500
54th	8	4th	Normandie	1.2	Backbone	Bicycle Friendly Street	\$365,970
54th	9	Normandie	Central	2.5	Backbone	Bicycle Friendly Street	\$757,790
Vermont	13	Sunset	3rd	2.0	Backbone	Future Bicycle Lane	\$100,276
Vermont	4	3rd	6th	0.4	Backbone	Future Bicycle Lane	\$18,666
Vermont	10	6th	8th	0.4	Backbone	Future Bicycle Lane	\$20,269
Vermont (east side)	10	8th	11th	0.2	Backbone	Future Bicycle Lane	\$11,793
Vermont (west side)	1	8th	11th	0.2	Backbone	Future Bicycle Lane	\$11,793
Vermont	1	11th	Adams	1.3	Backbone	Future Bicycle Lane	\$63,013
Vermont	8	Adams	MLK	1.5	Backbone	Future Bicycle Lane	\$75,390
Vermont	9	MLK	Gage	2.0	Backbone	Future Bicycle Lane	\$97,994
4th Ave	10	Exposititon	Rodeo	0.1	Neighborhood	Bicycle Friendly Street	\$18,000
4th Ave	8	Martin Luther King Jr	Florence	2.5	Neighborhood	Bicycle Friendly Street	\$744,000
Arden (Pl and Blvd)	4	Rossmore	23rd	1.2	Backbone	Future Bicycle Lane	\$58,000
Roxton	8	Rodeo	Martin Luther King Jr	0.5	Neighborhood	Bicycle Friendly Street	\$156,000
Hyde Park	8	4th	4th	0.0	Neighborhood	Bicycle Friendly Street	\$3,000
Southwest	8	4th	4th	0.0	Neighborhood	Bicycle Friendly Street	\$3,000
Hauser	10	Exposition	Cologne	1.1	Neighborhood	Bicycle Friendly Street	\$343,649

2010 Bicycle Plan Five Year Implementation Strategy

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
Hauser	10	Venice	Olympic	1.0	Neighborhood	Bicycle Friendly Street	\$286,298
Hauser	4	Olympic	3rd	0.9	Neighborhood	Bicycle Friendly Street	\$282,731
Martel	5	3rd	Waring	1.1	Neighborhood	Bicycle Friendly Street	\$318,209
Waring	5	Martel	Vista	0.1	Neighborhood	Bicycle Friendly Street	\$19,319
Vista	5	Waring	City Limits	0.3	Neighborhood	Bicycle Friendly Street	\$75,140
Santa Monica	13	Cole	City Limits	0.8	Backbone	Future Bicycle Lane	\$38,500
Santa Monica (south side)	4	Cole	Vine	0.1	Backbone	Future Bicycle Lane	\$4,750
Santa Monica (north side)	13	Cole	Vine	0.1	Backbone	Future Bicycle Lane	\$4,750
Santa Monica	13	Vine	Hoover	2.4	Backbone	Future Bicycle Lane	\$120,500
Hoover	13	Myra	Santa Monica	0.0	Backbone	Future Bicycle Lane	\$500
Rosewood	5	City Limits	Highland	2.1	Neighborhood	Bicycle Friendly Street	\$632,794
Rosewood	4	Highland	June	0.2	Neighborhood	Bicycle Friendly Street	\$74,789
June	4	Rosewood	Waring	0.3	Neighborhood	Bicycle Friendly Street	\$102,925
Waring	4	June	Vine	0.4	Neighborhood	Bicycle Friendly Street	\$130,261
Rosewood	4	Arden	Bronson	0.4	Neighborhood	Bicycle Friendly Street	\$119,950
Bronson	4	Rosewood	Elmwood	0.0	Neighborhood	Bicycle Friendly Street	\$10,029
Elmwood	4	Bronson	Wilton	0.2	Neighborhood	Bicycle Friendly Street	\$74,944
Wilton	4	Elmwood	Elmwood	0.0	Neighborhood	Bicycle Friendly Street	\$4,316
Elmwood	4	Wilton	Western	0.2	Neighborhood	Bicycle Friendly Street	\$74,876
Western	4	Elmwood	Oakwood	0.0	Neighborhood	Bicycle Friendly Street	\$14,176
Oakwood	4	Western	Harvard	0.3	Neighborhood	Bicycle Friendly Street	\$78,729
Oakwood	13	Harvard	Vermont	0.7	Neighborhood	Bicycle Friendly Street	\$221,533
6th	5	San Vicente	Fairfax	0.7	Neighborhood	Future Bicycle Route	\$33,736
6th	4	Fairfax	Hauser	0.6	Neighborhood	Future Bicycle Route	\$28,504
Edgewood	10	Redondo	Rimpau	0.8	Neighborhood	Bicycle Friendly Street	\$227,819
Rimpau	10	Edgewood	12th	0.1	Neighborhood	Bicycle Friendly Street	\$37,026
12th	10	Rimpau	Queen Anne	0.2	Neighborhood	Bicycle Friendly Street	\$73,005
Queen Anne	10	Edgewood	12th	0.2	Neighborhood	Bicycle Friendly Street	\$56,445
Edgewood	10	Queen Anne	Lucerne	0.1	Neighborhood	Bicycle Friendly Street	\$29,330
Lucerne	10	Edgewood	Country Club	0.1	Neighborhood	Bicycle Friendly Street	\$35,263
Country Club	10	Lucerne	Bronson	0.4	Neighborhood	Bicycle Friendly Street	\$107,973
Bronson	10	Country Club	Country Club	0.1	Neighborhood	Bicycle Friendly Street	\$19,413
Country Club	10	Lucerne	St. Andrews	0.7	Neighborhood	Bicycle Friendly Street	\$218,450
St. Andrews	10	11th	Country Club	0.1	Neighborhood	Bicycle Friendly Street	\$29,412

2010 Bicycle Plan Five Year Implementation Strategy

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
11th	10	St Andrews	CD 1 Boundary	0.2	Neighborhood	Bicycle Friendly Street	\$64,188
11th (north side)	10	CD1 Boundary	Vermont	0.5	Neighborhood	Bicycle Friendly Street	\$150,077
11th (south side)	1	CD1 Boundary	Vermont	0.5	Neighborhood	Bicycle Friendly Street	\$150,077
11th	1	St. Andrews	Hoover	0.4	Neighborhood	Bicycle Friendly Street	\$127,870
Whitworth	5	Beverly	Fairfax	1.8	Neighborhood	Bicycle Friendly Street	\$551,597
Whitworth	10	Fairfax	Curson	0.4	Neighborhood	Bicycle Friendly Street	\$117,071
Curson	10	Whitworth	San Vicente	0.1	Neighborhood	Bicycle Friendly Street	\$30,864
Shenandoah	5	Whitworth	18th	0.8	Neighborhood	Bicycle Friendly Street	\$238,043
Shenandoah	10	18th	Cadillac	0.4	Neighborhood	Bicycle Friendly Street	\$117,058
Cadillac	10	Shenandoah	Shenandoah	0.0	Neighborhood	Bicycle Friendly Street	\$10,533
Shenandoah	10	Cadillac	Cattaraugus	0.4	Neighborhood	Bicycle Friendly Street	\$132,756
Motor	5	Monte Mar	Manning	0.9	Backbone	Future Bicycle Lane	\$47,131
Walgrove	11	Rose	Venice	0.9	Neighborhood	Bicycle Friendly Street	\$273,009
Washington	11	Abbot Kinney	City Limits	0.3	Neighborhood	Bicycle Friendly Street	\$94,417
Washington	11	Zanja	Centinela	0.4	Neighborhood	Bicycle Friendly Street	\$117,001
Washington	11	City Limits	City Limits	0.7	Neighborhood	Bicycle Friendly Street	\$218,843
Blinn	15	City Limits	Opp	1.1	Neighborhood	Bicycle Friendly Street	\$336,067
L	15	Figueroa	Wilmington	0.3	Neighborhood	Bicycle Friendly Street	\$104,193
Wilmington	15	L	L	0.0	Neighborhood	Bicycle Friendly Street	\$4,746
L	15	Wilmington	Fries	0.5	Neighborhood	Bicycle Friendly Street	\$157,919
Fries	15	L	L	0.0	Neighborhood	Bicycle Friendly Street	\$7,407
L	15	Fries	Blinn	1.2	Neighborhood	Bicycle Friendly Street	\$350,171
Western	15	Santa Cruz	25th	1.8	Backbone	Future Bicycle Lane	\$91,000
25th	15	City Limits	Western	1.0	Backbone	Future Bicycle Lane	\$51,334
Federal	11	Santa Monica	La Grange	0.6	Neighborhood	Bicycle Friendly Street	\$166,200
La Grange	11	Federal	Purdue	0.2	Neighborhood	Bicycle Friendly Street	\$58,950
Purdue	11	La Grange	Tennessee	0.4	Neighborhood	Bicycle Friendly Street	\$110,070
Tennessee	11	Purdue	Corinth	0.1	Neighborhood	Bicycle Friendly Street	\$21,210
Corinth	11	Tennessee	Pico	0.1	Neighborhood	Bicycle Friendly Street	\$36,210
Pico	11	Corinth	Gateway	0.1	Neighborhood	Bicycle Friendly Street	\$43,500
Gateway	11	Pico	Granville	0.5	Neighborhood	Bicycle Friendly Street	\$162,000
Granville	11	Gateway	Radio	0.1	Neighborhood	Bicycle Friendly Street	\$20,790
Radio	11	Granville	Burkshire	0.1	Neighborhood	Bicycle Friendly Street	\$15,600
Burkshire	11	Radio	National	0.2	Neighborhood	Bicycle Friendly Street	\$73,650
Inglewood	11	National	Palms	0.7	Neighborhood	Bicycle Friendly Street	\$209,850

2010 Bicycle Plan Five Year Implementation Strategy

Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
San Vicente	5	La Cienega	Fairfax	1.2	Backbone	Future Bicycle Lane	\$59,085
San Vicente	4	Fairfax	Olympic	0.0	Backbone	Future Bicycle Lane	\$2,387
San Vicente	10	Olympic	Pico	1.7	Backbone	Future Bicycle Lane	\$84,297
Lucerne	10	Wilshire	Olympic	0.5	Neighborhood	Bicycle Friendly Street	\$150,000
9th	10	Lucerne	Lucerne	0.0	Neighborhood	Bicycle Friendly Street	\$3,000
Lucerne	10	Edgewood	Pico	0.4	Neighborhood	Bicycle Friendly Street	\$123,000
Pico	10	West	Lucerne	0.1	Neighborhood	Future Bicycle Lane	\$4,500
West	10	Pico	Adams	1.2	Neighborhood	Bicycle Friendly Street	\$354,000
Buckingham	10	Adams	39th	1.1	Neighborhood	Bicycle Friendly Street	\$339,000
St. Andrews	4	Melrose	Maplewood	0.2	Neighborhood	Bicycle Friendly Street	\$66,000
Maplewood	4	St. Andrews	St. Andrews	0.1	Neighborhood	Bicycle Friendly Street	\$27,000
St. Andrews	4	Maplewood	2nd	0.6	Neighborhood	Bicycle Friendly Street	\$189,000
2nd	4	St Andrews	St Andrews	0.0	Neighborhood	Bicycle Friendly Street	\$6,000
St. Andrews	4	2nd	6th	0.5	Neighborhood	Bicycle Friendly Street	\$159,000
St. Andrews	10	6th	Wilshire	0.1	Neighborhood	Bicycle Friendly Street	\$39,000
St. Andrews	10	Wilshire	Country Club	0.9	Neighborhood	Bicycle Friendly Street	\$255,000
Country Club	10	St Andrews	St Andrews	0.0	Neighborhood	Bicycle Friendly Street	\$9,000
St. Andrews	10	Country Club	W 18th	0.5	Neighborhood	Bicycle Friendly Street	\$159,000
W 18th	10	St. Andrews	Gramercy	0.1	Neighborhood	Bicycle Friendly Street	\$24,000
Gramercy	10	W 18th	Washington	0.1	Neighborhood	Bicycle Friendly Street	\$39,000
Washington	10	Gramercy	Gramercy	0.0	Neighborhood	Bicycle Friendly Street	\$6,000
Gramercy	10	Washington	Adams	0.5	Neighborhood	Bicycle Friendly Street	\$150,000
Adams	10	Gramercy	Cimarron	0.1	Neighborhood	Bicycle Friendly Street	\$33,000
Cimarron	10	Adams	Jefferson	0.5	Neighborhood	Bicycle Friendly Street	\$147,000
Jefferson (north side)	10	Cimarron	Gramercy	0.0	Neighborhood	Bicycle Friendly Street	\$12,000
Jefferson (south side)	8	Cimarron	Gramercy	0.0	Neighborhood	Bicycle Friendly Street	\$12,000
Gramercy	8	Jefferson	Exposition	0.5	Neighborhood	Bicycle Friendly Street	\$147,000
Echo Park	13	Morton	Sunset	0.6	Neighborhood	Bicycle Friendly Street	\$180,147
Echo Park (west side)	13	Sunset	Bellvue	0.3	Neighborhood	Bicycle Friendly Street	\$77,272
Echo Park (east side)	1	Sunset	Bellvue	0.3	Neighborhood	Bicycle Friendly Street	\$77,272
Bellvue	1	Echo Park	East Kensington	0.5	Neighborhood	Bicycle Friendly Street	\$148,115
Silverlake	13	Sunset	Beverly	1.0	Backbone	Future Bicycle Lane	\$50,454
Westwood	5	Le Conte	Wellworth	0.5	Backbone	Future Bicycle Lane	\$25,143
Redondo	10	Olympic	San Vicente	0.2	Backbone	Future Bicycle Lane	\$11,521
9th	15	Gaffey	Harbor	0.7	Backbone	Future Bicycle Lane	\$34,000

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Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
Vine	4	Yucca	Santa Monica	0.9	Backbone	Future Bicycle Lane	\$44,845
Vine	4	Santa Monica	Melrose	0.2	Backbone	Future Bicycle Lane	\$12,493
Vine	13	Santa Monica	Melrose	0.2	Backbone	Future Bicycle Lane	\$12,493
Rossmore	13	Melrose	Arden	0.0	Backbone	Future Bicycle Lane	\$1,288
Palms	11	Abbot Kinney	Lincoln	0.6	Neighborhood	Bicycle Friendly Street	\$168,805
Lincoln	11	Palms	Palms	0.0	Neighborhood	Bicycle Friendly Street	\$3,818
Palms	11	Lincoln	Penmar	0.3	Neighborhood	Bicycle Friendly Street	\$102,953
Penmar	11	Palms	Palms	0.0	Neighborhood	Bicycle Friendly Street	\$13,645
Palms	11	Penmar	405 Fwy Fwy	2.3	Neighborhood	Bicycle Friendly Street	\$676,647
Palms	11	405 Fwy Fwy	Mentone	0.5	Neighborhood	Bicycle Friendly Street	\$146,079
Palms	5	Palms	Mentone	0.5	Neighborhood	Bicycle Friendly Street	\$146,079
Palms	5	Mentone	National	0.2	Neighborhood	Bicycle Friendly Street	\$61,632
Palms	10	Mentone	National	0.2	Neighborhood	Bicycle Friendly Street	\$61,632
Academy	1	Stadium Way	Elysian Park	0.2	Neighborhood	Bicycle Friendly Street	\$59,444
Morton Pl	13	Elysian Park	Morton Ave	0.3	Neighborhood	Bicycle Friendly Street	\$80,085
Morton Ave	13	Morton Pl	Echo Park	0.3	Neighborhood	Bicycle Friendly Street	\$86,650
Tuxford	2	Glenoaks	Sunland	0.3	Backbone	Future Bicycle Lane	\$12,500
Van Nuys Blvd	2	Chandler	Oxnard	0.6	Backbone	Future Bicycle Lane	\$30,500
Manchester Ave.	11	Sepulveda	Osage	1.0	Backbone	Future Bicycle Lane	\$50,000
Manchester				3.5	Backbone	Future Bicycle Lane	\$177,020
Zoo	4	Forest Lawn	Western Heritage	2.3	Backbone	Future Bicycle Lane	\$114,500
Western Heritage	4	Crystal Springs	Zoo	0.1	Backbone	Future Bicycle Lane	\$6,000
Eagle Rock	14	Colorado	Westdale	0.7	Backbone	Future Bicycle Lane	\$34,963
Avenue 28	1	Pepper	Figueroa	0.7	Backbone	Future Bicycle Lane	\$37,000
Cypress	1	Gay	Figueroa		Backbone	Future Bicycle Lane	\$0
Rampart	13	Beverly	3rd	0.3	Neighborhood	Future Bicycle Lane	\$12,667
Rampart	1	3rd	7th	0.5	Neighborhood	Future Bicycle Lane	\$26,840
Lomita	15	Figueroa	Eubank	1.5	Neighborhood	Future Bicycle Lane	\$75,500
Normandie	15	Pacific Coast Hwy	Harbor Park (halfway)	0.4	Backbone	Future Bicycle Lane	\$17,500
Anaheim	15	110 Fwy Fwy	Alameda	2.1	Backbone	Future Bicycle Lane	\$103,500
Western	15	Summerland	Santa Cruz	0.2	Backbone	Future Bicycle Lane	\$8,500
Rowena	13	Hyperion	Glendale	0.5	Backbone	Future Bicycle Lane	\$24,500
Crystal Springs	4	Park Limits	Zoo Dr	2.8	Backbone	Future Bicycle Lane	\$138,000
York	1	Figueroa St. N	Ave 46	0.2	Backbone	Future Bicycle Lane	\$8,918

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Street	CD	1st Cross Street	2nd Cross Street	Mileage	Network	Bikeway Type	Estimated Cost
York	14	Ave 46	South Pasadena City Limits	0.3	Backbone	Future Bicycle Lane	\$16,582
Sherman Way	3	Topanga Canyon	White Oak	5.0	Backbone	Future Bicycle Lane	\$250,000
Sherman Way	12	White Oak	Louise	0.5	Backbone	Future Bicycle Lane	\$25,000
Sherman Way	12	Louise	Balboa	0.3	Backbone	Future Bicycle Lane	\$12,500
Sherman Way	6	Louise	Balboa	0.3	Backbone	Future Bicycle Lane	\$12,500
Sherman Way	6	Balboa	Hazeltine	4.0	Backbone	Future Bicycle Lane	\$200,000
Sherman Way	2	Hazeltine	Laurel Canyon	2.5	Backbone	Future Bicycle Lane	\$124,500
Burton Way	5	Doheny	San Vicente	0.8	Backbone	Future Bicycle Lane	\$41,010
Motor	5	National	Palms	0.2	Backbone	Future Bicycle Lane	\$12,000
Motor	10	Palms	Regent	0.3	Backbone	Future Bicycle Lane	\$14,500
Motor	10	Regent	Culver City Limits	0.2	Backbone	Future Bicycle Lane	\$8,000
Motor	11	Regent	Culver City Limits	0.2	Backbone	Future Bicycle Lane	\$8,000
Abbot Kinney Blvd	11	Venice	Washington	0.6	Neighborhood	Bicycle Friendly Street	\$188,596
Penrose/Sunland	2	Glen Oaks	La Tuna Canyon	0.2	Backbone	Future Bicycle Lane	\$11,372
54th	8	100 ft w/o Hillcrest Dr	Crenshaw	0.9	Backbone	Future Bicycle Lane	\$45,706
Lankershim Blvd	4	Chandler	Cahuenga	2.4	Backbone	Future Bicycle Lane	\$120,465
Cahuenga Blvd	4	Lankershim	Highland	1.1	Backbone	Future Bicycle Lane	\$56,082
Burbank	2	405 Fwy Fwy	Van Nuys Blvd	1.1	Neighborhood	Bicycle Friendly Street	\$336,494
Sepulveda Blvd Westside	5	937' nw/o Ohio	Palms	2.8	Backbone	Future Bicycle Lane	\$139,468
Sepulveda Blvd Westside	11	Palms	Venice	0.5	Backbone	Future Bicycle Lane	\$25,762
Sepulveda Blvd Westside	11	220' nw/o Greenlawn	Ballona Creek	0.2	Backbone	Future Bicycle Lane	\$8,930
Franklin	13	La Brea	Highland	0.2	Neighborhood	Bicycle Friendly Street	\$64,597
Franklin	4	La Brea	Highland	0.2	Neighborhood	Bicycle Friendly Street	\$66,000
Franklin	4	Highland	Western	1.6	Neighborhood	Bicycle Friendly Street	\$486,000
La Brea	4	Hollywood	Franklin	0.1	Backbone	Future Bicycle Lane	\$3,000
La Brea	13	Hollywood	Franklin	0.1	Backbone	Future Bicycle Lane	\$3,000
Highland	4	Franklin	Cahuenga	0.2	Backbone	Future Bicycle Lane	\$8,500
Western	4	Franklin	Los Feliz	0.2	Backbone	Future Bicycle Lane	\$7,500
Los Feliz Blvd	4	Western	Vermont	1.1	Backbone	Future Bicycle Lane	\$55,000
Topanga Canyon	12	118 Fwy	Roscoe	4.2	Backbone	Future Bicycle Lane	\$207,500
Topanga Canyon	3	Roscoe	Mulholland Dr	4.8	Backbone	Future Bicycle Lane	\$238,000

2010 Bicycle Plan Five Year Implementation Strategy

Street	CD	1st Cross Street	2nd Cross Street	Mileage Network		Bikeway Type	Estimated Cost
			TOTAL	192.7		Total Cost	\$24,235,000