

CITY OF OAKLAND



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Bicycle and Pedestrian Advisory Committee, Monthly Meeting
Thursday, October 20, 2011; 5:30-7:30 pm
Oakland City Hall, Sgt Daniel Sakai Hearing Room (aka Hearing Room 4), Second Floor

AGENDA

Time	Item #	Topic	Topic Type *
5:30	1	Introductions, appointment of note taker (5 minutes)	Ad
5:35	2	Approval of meeting minutes (consent item) (5 minutes) Vote on motion to adopt the August meeting minutes. (There was no meeting in September.)	A
5:40	3	Redwood Rd & 35th Ave Traffic Study Link (25 minutes)—Staff from the Transportation Services Division will provide an overview of this study that responds to a community request to calm traffic on Redwood Rd and 35 th Ave between MacArthur Blvd and Mountain Blvd. Possible alternatives include a road diet with the addition of “buffered” bike lanes.	A
6:05	4	40th St/MacArthur BART Bicycle Access Project Update (30 minutes)—Staff will give an update on the implementation of bicycle access improvements to the MacArthur BART Station, including the proposed use of green pavement as an experimental treatment on 40 th St (Adeline St to Webster St).	I
6:35	5	Bi-annual bike projects status update Link (20 minutes)—Staff will provide an update on the status of bikeway projects and request input on which projects should be scheduled for design review.	A
6:55	6	Bike/ped count program and collision analysis <i>Attachment</i> (25 minutes)—Staff will describe a new annual program of the Bicycle & Pedestrian Facilities Program that includes: (1) bicyclist and pedestrian counts at key intersections; and (2) an analysis of bicyclist- and pedestrian-involved collisions.	I
7:20	7	Announcements, suggestions for next meeting topics (10 minutes)	Ad

*** Topic Types:**

I=informational; A=action item; Ad=administrative

Bicyclist Count Program: City of Oakland Bicycle & Pedestrian Facilities Program (17-Aug-2011)

Purpose: Complete annual counts of bicyclists at judiciously chosen locations to create consistent data over the long term on citywide bicycle usage.

Methodology: Collect turning movement counts for bicyclists and motor vehicles and collect pedestrian counts by crossing leg. The counts include pedestrians crossing within fifty feet of the intersection. Bicyclists are counted by the number of people, not the number of bicycles. For example, a tandem with two riders is counted as two bicyclists. Similarly, a parent and a child on one bicycle are counted as two bicyclists. Counts include all roadway users such that mode share per intersection may be calculated. Counts are completed during the second full week of September on a Tuesday, Wednesday, or Thursday. Saturday counts on the weekend before or after will be collected for locations of primarily recreational use. For 2011, the count days are September 10, 13-15, and 17. Weekday counts will be collected from 4:00-6:00pm. Saturday counts will be collected from 10:00am-12:00pm.

Intersection Selection: The chosen locations are “gateways” because of their proximity to downtown and major transit stations and because of how the street grid channelizes users through these intersections. The locations are geographically dispersed throughout Oakland. They include a mix of roadway conditions to capture a range of bicyclists: existing and proposed bikeways, commuter and recreational bicyclists, arterial streets and local streets. All locations are the intersection of existing and/or proposed bikeways.

Count Locations:

1. 14th St/Lakeside Dr/Oak St
2. 40th St/West St
3. Bancroft Ave/73rd Ave
4. Broadway/27th St
5. Doolittle Dr/Swan Wy (Saturday count)
6. E 12th St/Fruitvale Ave
7. Foothill Blvd/16th Ave
8. Foothill Blvd/38th Ave
9. Grand Ave/Bay Pl
10. MacArthur Blvd/Fruitvale Ave
11. Mandela Pkwy/7th St
12. Market St/55th St
13. Mountain Blvd/Golf Links Rd (Saturday count)
14. Oak St/2nd St
15. Park Blvd/Monterey Blvd
16. San Pablo Ave/W Grand Ave
17. Shafter Ave/Cavour St
18. Skyline Blvd/Joaquin Miller Rd (Saturday count)
19. Tunnel Rd/Caldecott Ln (Saturday count)

Count Locations by Other Agencies: The Alameda County Transportation Commission (ACTC) and the Metropolitan Transportation Commission (MTC), respectively, have countywide and regional programs to count bicyclists and pedestrians. The City's counts are being coordinated with these efforts to produce consistent data, avoid duplication, and provide more geographic coverage. ACTC and MTC are conducting counts at the following locations:

Alameda County Transportation Commission

1. 66th Ave/San Leandro St
2. Bancroft Ave/Aueson Ave
3. Broadway/12th St
4. Broadway/20th St
5. Chatham Rd/13th Ave
6. Fruitvale Ave/Foothill Blvd
7. Fruitvale Ave/Alameda Ave
8. Grand Ave/Staten Ave
9. Grand Ave/Lake Park Ave
10. MacArthur Blvd/38th Ave
11. Mountain Blvd/La Salle Ave
12. Webster St/7th St
13. Telegraph Ave/40th St
14. Telegraph Ave/66th St (automated counter)

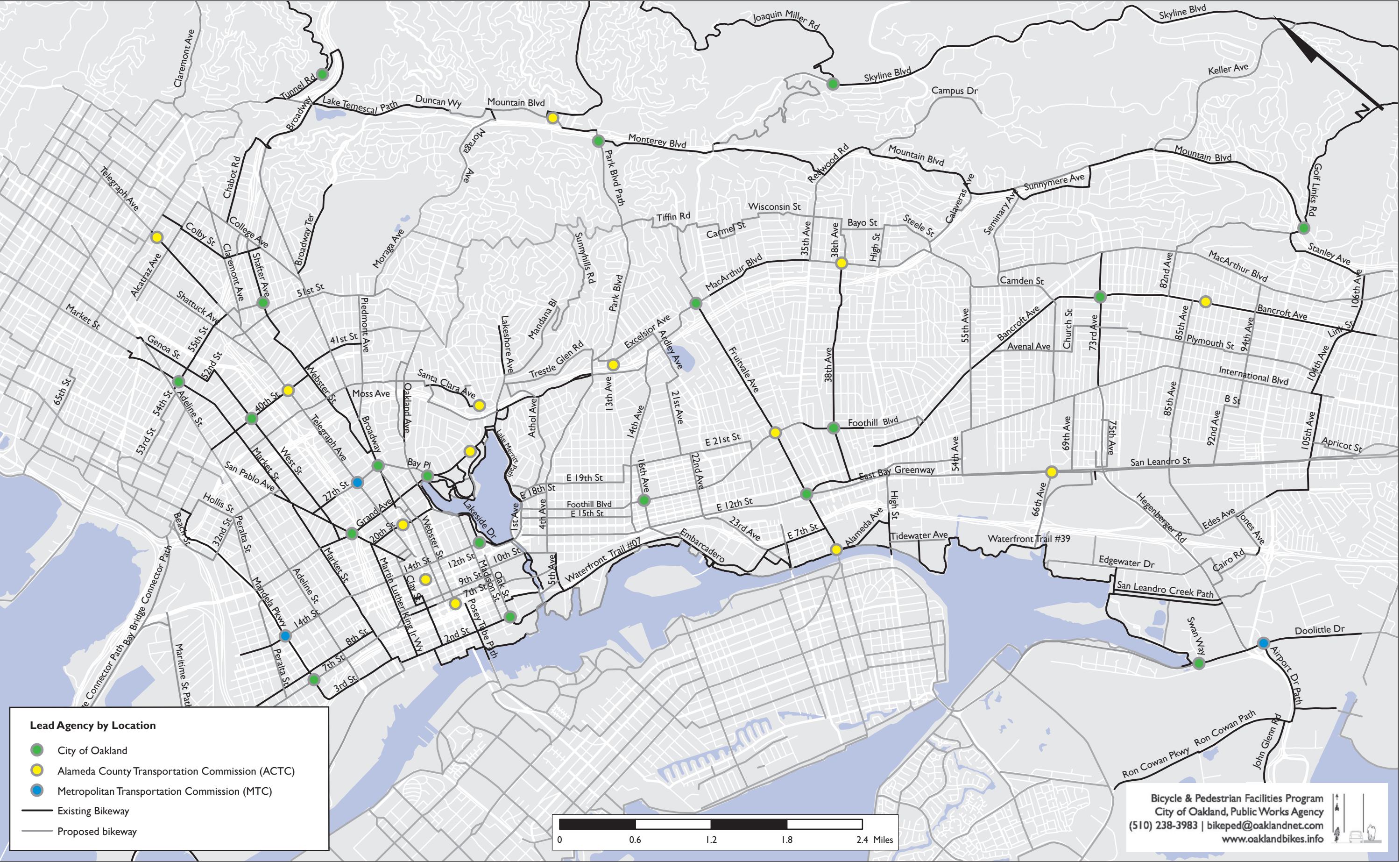
Metropolitan Transportation Commission

1. Doolittle Dr/Airport Access Rd
2. Mandela Pkwy/14th St
3. Telegraph Ave/27th St

Coordination with the National Bicycle and Pedestrian Documentation (NBPD) Project: The City of Oakland's bicycle count program will contribute to the national documentation project, and thereby conforms to the national methodology where feasible. Oakland's program deviates in the following ways:

- Recommended Times: NBPD recommends weekday counts from 5:00-7:00pm and Saturday counts from 12:00-2:00pm. Oakland will collect weekday counts from 4:00-6:00pm to conform with past counts and Oakland's established practice for traffic impact studies. Oakland will collect Saturday counts from 10:00am-12:00pm given an anticipated peak hour in the late morning for recreational bicycling in the Oakland Hills.
- Number of Count Locations: NBPD recommends one count per 15,000 population. Oakland's population of approximately 400,000 translates into a recommendation of approximately 27 locations. In cooperation with the Alameda County Transportation Commission and the Metropolitan Transportation Commission, Oakland will have 36 count locations.

City of Oakland Bicyclist and Pedestrian Count Program: Count Locations (September 2011)



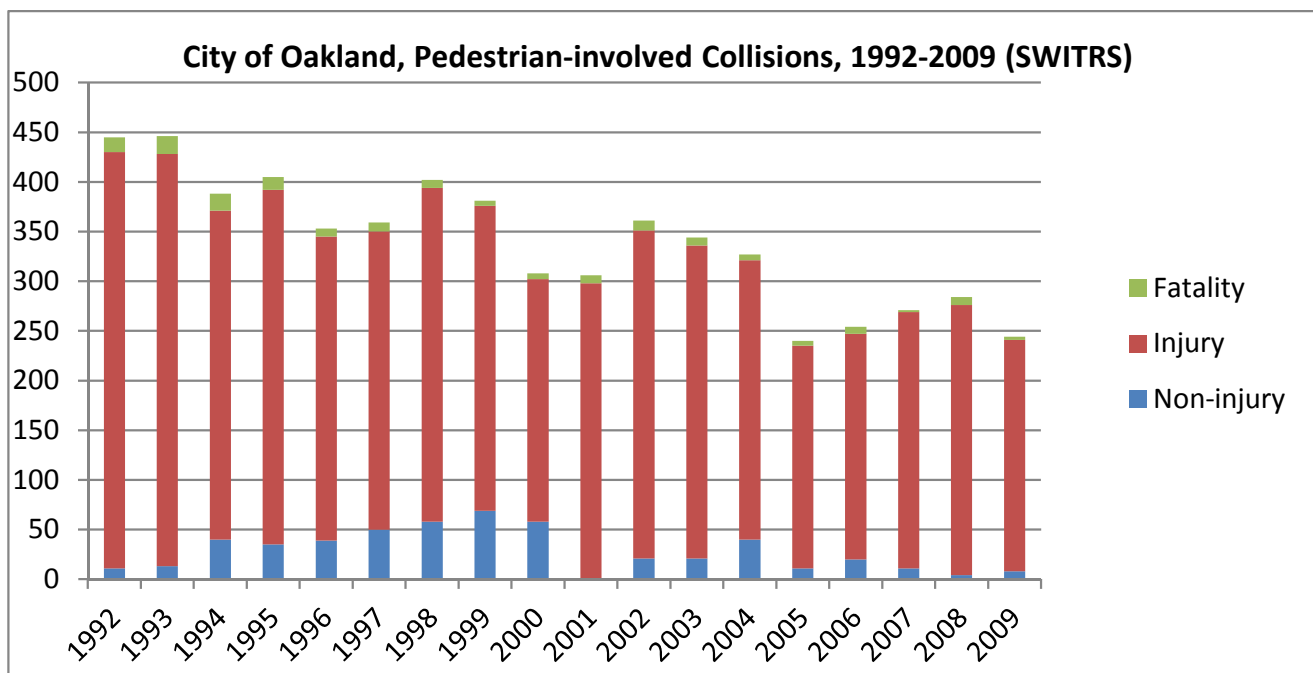
Bicyclist and Pedestrian Collision Analysis Program

City of Oakland Bicycle & Pedestrian Facilities Program (DRAFT: 14-Oct-2011)

Purpose: Complete an annual analysis of bicyclist- and pedestrian-involved collisions to understand citywide trends.

Methodology: Use the City's Crossroads collision database to query bicyclist- and pedestrian-involved collisions on an annual basis. Compile these data in the following formats for each bicyclist-involved collisions and for pedestrian-involved collisions:

- (a) Bar graph of total annual collisions subtotaled by severity, 1992 to present
- (b) Table of top 10 high incidence intersections, most recent three calendar years
- (c) Table of top 10 high incidence mid-block locations, most recent three calendar years
- (d) Map of collision locations, most recent three calendar years



Notes:

- 2000 OPD did not file non-injury reports for October through December.
- 2001 OPD did not file non-injury report for January through October.
- 2005 Data missing for January through March.
- 2006 Data missing for July through September.

City of Oakland Pedestrian-involved Collisions By Year

Year	Non-injury	Injury	Fatality	Total
1992	11	419	15	445
1993	13	415	18	446
1994	40	331	17	388
1995	35	357	13	405
1996	39	306	8	353
1997	50	300	9	359
1998	58	336	8	402
1999	69	307	5	381
2000	58	244	6	308
2001	1	297	8	306
2002	21	330	10	361
2003	21	315	8	344
2004	40	281	6	327
2005	11	224	5	240
2006	20	227	7	254
2007	11	258	2	271
2008	4	272	8	284
2009	8	233	3	244
Total	510	5452	156	6118
Average	28.3	302.9	8.7	339.9
% Total	8.3%	89.1%	2.5%	100.0%

City of Oakland
Traffic Engineering Department

High Incidence Intersection Report

10/11/11

Number of collisions for the top 10 locations

From 1/1/2007 to 12/31/2009

<u>Rank</u>	<u>Intersection</u>	<u>Total Collisions</u>
1	Bancroft Av at Church St (W)	5
2	Howe St at 40th St (W)	4
3	International Blvd at 65th Av (W)	4
4	International Blvd at 35th Av	4
5	International Blvd at 7th Av	4
6	Telegraph Av at 20th St	4
7	34th Av at International Blvd (W)	3
8	34th St at Martin Luther King Jr Wy	3
9	35th Av at Foothill Blvd	3
10	51st St at Telegraph Av	3
10	77th Av at International Blvd (W)	3
10	7th St at Jackson St	3
10	7th St at Oak St	3
10	87th Av at International Blvd (N)	3
10	90th Av at International Blvd (N)	3
10	9th St at Webster St	3
10	Brush St at 12th St	3
10	Cherry St at 98th Av	3
10	Foothill Blvd at 33rd Av	3
10	Fruitvale Av at International Blvd	3
10	Harrison St at 12th St	3
10	High St at Fleming Av	3
10	International Blvd at 33rd Av	3
10	International Blvd at 37th Av	3
10	International Blvd at 45th Av	3
10	International Blvd at 80th Av	3

10	International Blvd at 83rd Av (N)	3
10	International Blvd at 98th Av	3
10	International Blvd at High St	3
10	Lake Park Av at Lakeshore Av	3
10	Macarthur Blvd at 82nd Av	3
10	Market St at W Macarthur Blvd	3
10	Seminary Av at Avenal Av	3
10	Telegraph Av at 44th St	3
10	W Grand Av at Telegraph Av	3

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
Starting Date	1/1/2007
Ending Date	12/31/2009
Intersection Related	Intersection Related Only
Involved With	'Pedestrian'
Minimum Number of Collisions	1

City of Oakland
Traffic Engineering Department

High Incidence Midblock Report

10/11/11

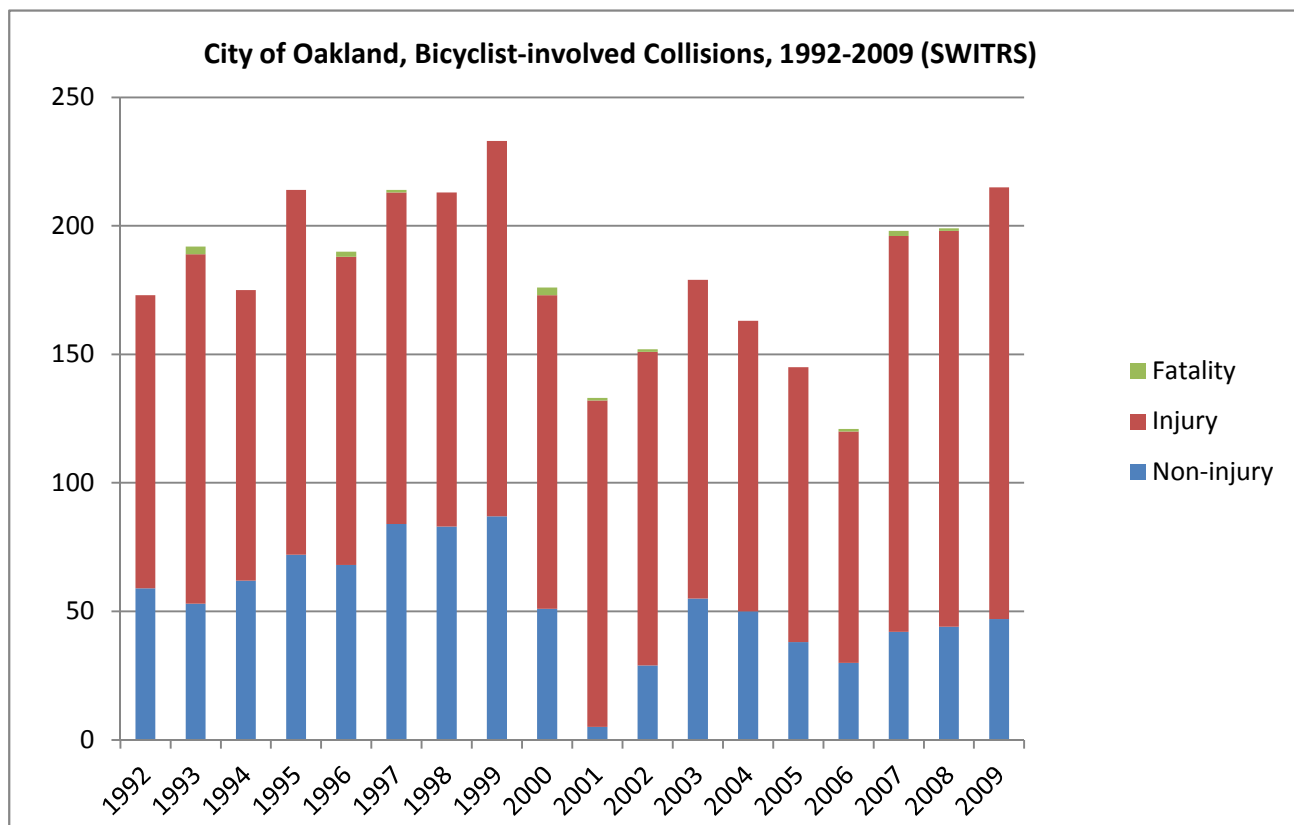
Number of collisions for the top 10 locations

From 1/1/2007 to 12/31/2009

<u>Rank</u>	<u>Segment</u>	<u>Total Collisions</u>
1	HOWE ST from 40TH ST to W MACARTHUR BLVD	3
2	35TH AV from DEERING ST to LYON AV	2
3	BROADWAY from 14TH ST to 13TH ST	2
4	INTERNATIONAL BLVD from MILLER AV to 23RD AV	2
5	LOCKWOOD ST from 78TH AV to 73RD AV	2
6	34TH ST from TELEGRAPH AV to 33RD ST	2
7	LAKE PARK AV from LAKESHORE AV to WALKER AV	2
8	BANCROFT AV from 67TH AV to HAVENSCOURT BLVD	2
9	SAN LEANDRO ST from 73RD AV to 71ST AV	2
10	41ST ST from PIEDMONT AV to PIEDMONT AV	2
10	HARRISON ST from 15TH ST to 14TH ST	2

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
Starting Date	1/1/2007
Ending Date	12/31/2009
Involved With	'Pedestrian'
Minimum Number of Collisions	2



Notes:

- 2000 OPD did not file non-injury reports for October through December.
- 2001 OPD did not file non-injury report for January through October.
- 2005 Data missing for January through March.
- 2006 Data missing for July through September.

City of Oakland Bicyclist-involved Collisions By Year

Year	Non-injury	Injury	Fatality	Total
1992	59	114	0	173
1993	53	136	3	192
1994	62	113	0	175
1995	72	142	0	214
1996	68	120	2	190
1997	84	129	1	214
1998	83	130	0	213
1999	87	146	0	233
2000	51	122	3	176
2001	5	127	1	133
2002	29	122	1	152
2003	55	124	0	179
2004	50	113	0	163
2005	38	107	0	145
2006	30	90	1	121
2007	42	154	2	198
2008	44	154	1	199
2009	47	168	0	215
Total	959	2311	15	3285
Average	53.3	128.4	0.8	182.5
% Total	29.2%	70.4%	0.5%	100.0%

City of Oakland
Traffic Engineering Department

High Incidence Intersection Report

10/11/11

Number of collisions for the top 10 locations

From 1/1/2007 to 12/31/2009

<u>Rank</u>	<u>Intersection</u>	<u>Total Collisions</u>
1	Grand Av at El Embarcadero (N)	4
2	San Pablo Av at 34th St (N)	4
3	14th St at Clay St	3
4	35th Av at Foothill Blvd	3
5	40th St at Broadway	3
6	52nd St at Shattuck Av	3
7	7th St at Brush St	3
8	Foothill Blvd at 38th Av	3
9	Fruitvale Av at Davis St	3
10	Fruitvale Av at E 9th St	3
10	Fruitvale Av at Macarthur Blvd	3
10	International Blvd at 45th Av	3
10	International Blvd at 73rd Av	3
10	Martin Luther King Jr Wy at Sycamore St	3
10	San Pablo Av at 36th St	3
10	Shattuck Av at 55th St	3
10	Telegraph Av at 25th St (N)	3
10	Telegraph Av at 42nd St	3
10	Telegraph Av at W Macarthur Blvd	3
10	W Grand Av at Telegraph Av	3
10	W Macarthur Blvd at West St	3

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
Starting Date	1/1/2007
Ending Date	12/31/2009
Intersection Related	Intersection Related Only
Involved With	'Bicycle'
Minimum Number of Collisions	1

City of Oakland
Traffic Engineering Department

High Incidence Midblock Report

10/11/11

Number of collisions for the top 10 locations

From 1/1/2007 to 12/31/2009

<u>Rank</u>	<u>Segment</u>	<u>Total Collisions</u>
1	TELEGRAPH AV from 43RD ST to 42ND ST	4
2	MARITIME ST from MIDDLE HARBOR RD to 7TH ST	2
3	COLLEGE AV from KALES AV to TAFT AV	2
4	W GRAND AV from VALLEY ST to TELEGRAPH AV	2
5	TELEGRAPH AV from 44TH ST to 43RD ST	2
6	TELEGRAPH AV from 55TH ST to 52ND ST	2
7	PARK BLVD from MONTEREY BLVD to PARK BLVD RAMP	2

Settings Used For Query

<u>Parameter</u>	<u>Setting</u>
Starting Date	1/1/2007
Ending Date	12/31/2009
Involved With	'Bicycle'
Minimum Number of Collisions	2