

# CITY OF OAKLAND

## AGENDA REPORT

FILED  
OFFICE OF THE CITY CLERK  
OAKLAND  
2007 SEP 27 PM 4:53

TO: Office of the City Administrator  
ATTN: Deborah Edgerly  
FROM: Community and Economic Development Agency  
DATE: October 2, 2007

RE: **SUPPLEMENTAL REPORT AND RESOLUTION:**

**Resolution Approving The Traffic Signal Priority List And The Pedestrian Priority Signal List For The Top Ten (10) Intersections Citywide, Pursuant To City Council Resolution No. 78747 C.M.S.**

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### SUMMARY

At their September 25, 2007 meeting, the Public Works Committee requested that staff modify the resolution to specifically reference Attachments A and B to the report and to note which intersections are to be funded under the adopted 2007-2009 budget. The revised resolution is attached.

The Committee also requested that staff consider including additional criteria in determining signal need, including proximity of an intersection to senior facilities and school areas.

### BACKGROUND

As part of the City's ongoing efforts to improve safety and move people and goods efficiently on its road system, staff regularly evaluates the need for signals at intersections in response to requests from the public. Following council's policy directives, the installation of signals has proceeded under two distinct programs. One addresses the general need to improve safety and circulation, and the second to improve pedestrian safety. In each program, locations are ranked using objective criteria that include traffic and pedestrian volumes and accident data.

### KEY ISSUES AND IMPACTS

The Public Works Committee requested that staff discuss how the presence of senior citizens and school age children can be considered in the prioritization of traffic signals.

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Since 2003, the Transportation Services Division of the Community and Economic Development Agency has requested and received funding from the City Council for a Safe Routes to School program. The City has also been successful in competing for state and federal grants specifically earmarked for school safety that further leveraged these funds. Together, this has resulted in approximately \$2 million of traffic safety improvements around Oakland schools. Staff recommends that funding for this program be continued in future city budgets.

Given the long list of identified locations that require signalization to address existing traffic safety problems, Council may wish to consider a program similar to the existing Safe Routes to School program, dedicated to improving pedestrian safety near senior centers.

In addition, staff will continue to explore grant opportunities that address senior safety, and ways to identify locations that are adjacent to senior centers future priority lists, for council consideration.

### **RECOMMENDATION AND RATIONALE**

Staff recommends proceeding with the design and installation of traffic signals at the following intersections from Exhibit "A": Seminary Avenue/Avenal Avenue; International Boulevard/50<sup>th</sup> Avenue; Fruitvale Avenue/School Street; and Foothill Boulevard/34<sup>th</sup> Avenue. The Foothill Boulevard/34<sup>th</sup> Avenue location is recommended at this time, because it also appears as #2 on the pedestrian signal list.

Further, since the intersection of International Boulevard/81<sup>st</sup> Avenue has a score identical to the location at Foothill Boulevard/34<sup>th</sup> Avenue, staff will initiate discussions with Caltrans to install a signal at this location, since International Boulevard is a state route east of 42<sup>nd</sup> Avenue. Similarly, staff will bring Caltrans to the table to discuss the 2<sup>nd</sup> ranked location at International Boulevard/50<sup>th</sup> Avenue in order to leverage city funds.

For the pedestrian signal program, staff recommends proceeding with the following locations from Exhibit "B": International Boulevard/36<sup>th</sup> Avenue and the High Street/Porter Street intersections. The High Street/Porter Street location is recommended over International Boulevard/26<sup>th</sup> Avenue at this time because signals have been installed at both 25<sup>th</sup> and 27<sup>th</sup> Avenues in the last five years.

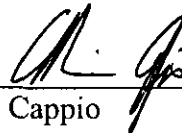
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**ACTION REQUESTED OF THE CITY COUNCIL**

Staff recommends that the City Council approve the revised Resolution Approving The Traffic Signal Priority List And The Pedestrian Priority Signal List For The Top Ten (10) Intersections Citywide, Pursuant to City Council Resolution No. 78747 C.M.S.

Respectfully submitted,

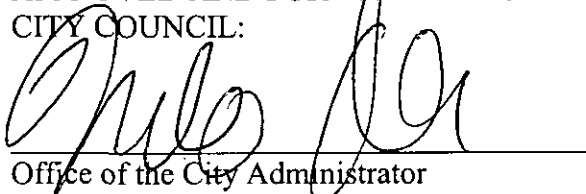


\_\_\_\_\_  
Claudia Cappio  
Development Director  
Community and Economic Development Agency

Reviewed by:  
Michael J. Neary, P.E.  
Deputy Director, Community and Economic Development Agency

Prepared by:  
Wladimir Wlassowsky, P.E.  
Transportation Services Manager  
Transportation Services Division

APPROVED AND FORWARDED TO THE  
CITY COUNCIL:

  
\_\_\_\_\_  
Office of the City Administrator

Item #: \_\_\_\_\_  
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**ATTACHMENT A  
CURRENT SIGNAL NEEDS PRIORITY LIST**

RANK	MAJOR STREET	CROSS STREET	SCORE	COUNCIL DISTRICT
1	SEMINARY	AVENAL	23.1	6
2	INTERNATIONAL BLVD	50TH AVE	21.1	5
3	FRUITVALE AVENUE	SCHOOL	19.9	5
4	INTERNATIONAL BLVD	81ST AVE	19.5	6, 7
5	FOOTHILL	34TH AVE , NORTH INT.	19.5	5
6	COLLEGE AVENUE	CHABOT	19.2	1
7	MACARTHUR	MAYBELLE	19.0	4
8	INTERNATIONAL BLVD	3RD AVE	18.8	2
9	INTERNATIONAL BLVD	64TH AVE	17.8	6
10	INTERNATIONAL BLVD	55TH AVE	17.7	5, 6
11	INTERNATIONAL BLVD	26TH AVE	17.2	5
12	BANCROFT AVE	94TH	16.9	7
13	FOOTHILL	64TH AVE	16.6	6
14	PARK BLVD	8TH AVE-MCKINLEY	16.4	2
15	FRUITVALE AVENUE	E-16TH ST, SOUTH INT.	16.3	5
16	MACARTHUR	BYRON/FOOTHILL	16.3	7
17	35TH AVE	SCHOOL	16.2	4
18	INTERNATIONAL BLVD	39TH AVE	16.1	5
19	HARRISON	29TH ST	16.0	3
20	ADELINE	35TH ST	15.8	3
21	SAN PABLO AVENUE	66TH ST	15.8	1
22	HIGH	CARRINGTON	15.8	4
23	PARK BLVD	E-28TH ST	15.7	2
24	INTERNATIONAL BLVD	54TH AVE	15.6	5
25	SAN PABLO AVENUE	34TH ST	15.1	3
26	BANCROFT	96TH AVE	15.1	7
27	BANCROFT	DURANT	15.1	7
28	ADELINE	36TH ST	14.9	3
29	WEBSTER	22ND ST	14.9	3
30	REDWOOD RD	LINCOLN SHOPPING CNTR	14.8	4/6

**ATTACHMENT B  
PEDESTRIAN SIGNAL NEED PRIORITY LIST**

<b>RANK</b>	<b>MAJOR STREET</b>	<b>CROSS STREET</b>	<b>No. of Collisions Involving Pedestrians</b>	<b>Council District</b>
1	International Blvd	36th Ave	9	5
2	Foothill Blvd	34th Ave	7	5
3	International Blvd	26th Ave	7	5
4	Porter St	High St	7	4
5	Webster St	7th St	7	2
6	Foothill Blvd	33rd Ave	6	5
7	Foothill Blvd	5th Ave	6	2
8	Harrison St	9th St	6	2
9	International Blvd	20th Ave	6	5
10	International Blvd	39th Ave	6	5
11	Lakeshore Ave	Beacon St	6	2
12	2nd Ave	E. 12th St	5	2
13	Foothill Blvd	36th Ave	5	5
14	Foothill Blvd	41st Ave	5	5
15	Fruitvale Ave	Farnam St	5	5
16	Harrison St	12th St	5	2
17	Howe St	41st St	5	1
18	International Blvd	14th Ave	5	2
19	International Blvd	37th Ave	5	5
20	MacArthur Blvd	89th Ave	5	7
21	MacArthur Blvd	Champion St	5	4
22	Mountain Blvd	La Salle Ave	5	4
23	Rand Ave	Lake Park Ave	5	2
24	Staten Ave	Grand Ave	5	3
25	Telegraph Ave	23rd St	5	3
26	5th Ave	E. 10th St	4	2
27	Bancroft Ave	50th Avenue	4	6
28	Colby St	Alcatraz Ave	4	1
29	College Ave	63rd Street	4	1
30	Foothill Blvd	25th Ave (West)	4	5

# OAKLAND CITY COUNCIL

RECEIVED  
CITY CLERK  
2007 SEP 27 PM 4:52

*Patrick Jones*  
City Attorney

RESOLUTION No. \_\_\_\_\_ C.M.S.

Introduced by Councilmember \_\_\_\_\_

**RESOLUTION APPROVING THE TRAFFIC SIGNAL PRIORITY LIST AND THE PEDESTRIAN PRIORITY SIGNAL LIST FOR THE TOP TEN (10) INTERSECTIONS CITYWIDE, PURSUANT TO CITY COUNCIL RESOLUTION NO. 78747 C.M.S.**

**WHEREAS**, the residents and the general public request traffic and pedestrian signals at many intersections citywide; and

**WHEREAS**, staff periodically evaluates requests for traffic and pedestrian signals and assigns points according to the City's signal warrant and priority system pursuant to the City Council Resolution No. 78747 C.M.S., as well as a ten-year pedestrian accident history; and

**WHEREAS**, over 300 intersections exist on the signal need priority list; and

**WHEREAS**, the top 30 intersections have been recently evaluated and ranked; and

**WHEREAS**, the top 10 intersection have been identified as candidates for considerations for signalization for the Fiscal Years 2007-2009; now, therefore be it

**RESOLVED:** That the lists of the top ten intersections needing traffic signals and pedestrian signals are hereby adopted, as Attachments A and B; and be it

**FURTHER RESOLVED:** That the Community and Economic Development Agency, Transportation Services Division, is directed to implement the top four traffic signal locations:

- Seminary Avenue at Avenal Avenue
- International Boulevard at 50<sup>th</sup> Avenue
- Fruitvale Avenue at School Street
- Foothill Boulevard at 34<sup>th</sup> Avenue

and the top two pedestrian signal locations:

- International Boulevard at 36<sup>th</sup> Avenue
- High Street at Porter Street

as budgeted in the adopted 2007-2009 policy budget; and be it

**FURTHER RESOLVED:** That staff shall continue to periodically evaluate intersections and present to the City Council a prioritized list of locations identified for traffic or pedestrian signals for funding and implementation.

IN COUNCIL, OAKLAND, CALIFORNIA, \_\_\_\_\_, 20\_\_

**PASSED BY THE FOLLOWING VOTE:**

AYES – BROOKS, BRUNNER, CHANG, KERNIGHAN, NADEL, QUAN, REID, AND PRESIDENT DE LA FUENTE

NOES –

ABSENT –

ABSTENTION –

ATTEST: \_\_\_\_\_

LaTonda Simmons  
City Clerk and Clerk of the Council  
of the City of Oakland, California