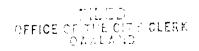
CITY OF OAKLAND AGENDA REPORT



2004 APR - 1 PM 4: 50

TO:

Office of the City Manager

Deborah Edgerly, City Manager

ATTN: FROM:

Public Works Agency

DATE:

March 29, 2004

RE:

SUPPLEMENTAL REPORT RESPONDING TO A REQUEST MADE

AT THE MARCH 23, 2004 PUBLIC WORKS COMMITTEE MEETING ON THE CITYWIDE TRAFFIC SIGNAL PRIORITY LIST

SUMMARY

At the March 23, 2004 Public Works Committee meeting, committee members requested the Citywide Traffic Signal Priority List during the committee review of the report, for the resolution authorizing the City Manager to award a construction contract to W. Bradley Electric for the construction of traffic signal projects at the intersections of International Boulevard and 25th Avenue, and Broadway at Broadway Terrace and College Avenue. The priority list information is presented in the attached document.

The traffic signals at International Boulevard and 25th Avenue, and Broadway at Broadway Terrace and College Avenue were programmed during the 2001-2003 budget cycle, and approved as part of the 2001-2006 Capital Improvement Program (CIP). The Traffic Signal Priority List is updated periodically to respond to community requests, and to proactively evaluate intersections with high accident histories or with significant changes due to development since the intersection was last evaluated. These periodic re-evaluations of intersections can result in changes to the rankings on the Citywide Traffic Signal Priority List. While the Citywide Traffic Signal Priority List has over 300 intersections evaluated and rated, it is likely that only about the top 25 to 30 locations would warrant installation of a traffic signal.

Respectfully submitted,

RAUL GODINEZAI

Director, Public Works Agency

Prepared by:

Wladimir Wlassowky, P.E.

Interim Transportation Services Manager

APPROVED AND FORWARDED

TO THE CITY COUNCIL:

OFFICE OF THE CITY MANAGE

April 6, 2004

Citywide Traffic Signal Priority List

GENERAL - The City's existing traffic signal system currently consists of 550 signalized locations. Traffic signals are added when there is an identified need in the areas of traffic flow and safety, and pedestrian safety and access.

PRIORITIZATION - The prioritization of traffic signal installation is based on the following factors:

- Traffic Signals (Primarily for Vehicular Safety with Consideration for Pedestrian and Bicycle Safety): Projects are prioritized based on the following criteria, in accordance with established standards published by the State of California, Department of Transportation (Caltrans), Traffic Manual, and Public Works standard practice:
 - Vehicular Volumes, 10 points max.
 - Interruption of Continuous Traffic, 5 points max.
 - Pedestrian Volumes, 5 points max.
 - Accident Data, 7 points max.
 - Other, Site Specific Special Conditions to be Evaluated, No Points
- Pedestrian Priority Intersections (Primarily for Pedestrian and Bicycle Safety): Public Works establishes guidelines for pedestrian priority intersections.
 Improvements to pedestrian safety may include features such as striping and signage, bulbouts and sidewalk improvements, medians and islands, as well as traffic signals. The programming of pedestrian priority intersection locations is prioritized based on the following factors:
 - Intersection Pedestrian Accident Historical Data
 - Other, Site Specific Conditions

FUNDING - Traffic signals are funded in the Capital Improvement Program (CIP) from Measure B sales tax and gas tax, and the City generally programs two to three signals per year from these sources. One signal per year is funded from a set-aside from Measure 'B' funds specifically earmarked for bicycle and pedestrian improvements. Additional signals may be funded from state and federal grants, and traffic impact mitigation for developments.

The attached tables, Exhibit A and B, show the Traffic Signal Priority List and the Pedestrian Priority Intersections, showing historical pedestrian accident data for the top high incident intersections.

TRAFFIC SIGNAL PRIORITY LIST

ORA/COUNCIL
APR 6 2004

			POINT	COUNCIL	FUNDING	
RANK	MAJOR STREET	CROSS STREET		i	FISCAL YEAR	
1 M. L. KING JR WAY 53RD S		53RD ST	25.0	1	03-04 CIP	
	2 MOUNTAIN BLVD NB13 OFF @ PARK		23.1	4	03-04 CIP	
	INTERNATIONAL BLVD	25TH AVE	22.4	5	01-02 CIP	
4	14TH AVE	E 29TH ST/19TH AVE	21.8	2/5	04-05 CIP	
5	INTERNATIONAL BLVD	4TH AVE	21.8		04-05 CIP	
6	BROADWAY	BROADWAY TERRACE	21.5	1	02-03 CIP	
7	FOOTHILL	34TH AVE, NORTH INT	20.4	5		
8	LAKESHORE	BODEN	19.8	2		
9	INTERNATIONAL BLVD	69TH AVE	19.6	6	State Grant 03-04	
10	PIEDMONT	LINDA	19.2	1		
11	MANDELA PKWY	10TH ST	18.9	3		
12	MACARTHUR	MAYBELLE	18.7	4		
13	INTERNATIONAL BLVD	103RD(E)/ 104TH(W)	18.6	7	02-03 CIP	
14	MOUNTAIN BLVD	540' W/O PARK BLVD	18.4	4	02-03 CIP	
15	SAN PABLO	59TH ST (SOUTH)	18.2	1		
16	E-12TH ST	7TH AVE	18.2	2		
	HIGH	PENNIMAN	18.1	4		
18	INTERNATIONAL BLVD	100TH AVE	<u>1</u> 8.1	7		
19	MOUNTAIN	LA SALLE	18.0	4		
20	INTERNATIONAL BLVD	55TH AVE	18.0	5		
21	FOOTHILL	40TH AVE	18.0	5	SRS '04 **	
	PARK BLVD	ESTATES	17.6	4		
23	REDWOOD RD	LINCOLN SHOPPING CNTR	<u>17.6</u>	4/6		
24	INTERNATIONAL BLVD	64TH AVE	17.6	6		
	7TH ST	WILLOW	17.4	3		
26	HIGH	CONGRESS	17.3	4		
27	PIEDMONT	GLEN	17.2	1		
	INTERNATIONAL BLVD	26TH AVE	17.2	5	_	
	FRUITVALE	SCHOOL/E-16TH ST	17.1	5		
	HIGH	SANAT RITA	17.1	4/5		
	FRUITVALE	E-16TH ST, WEST INT.	17.0	5		
	PARK BLVD	8TH AVE-MCKINLEY	17.0	2		
	PLEASANT VALLEY	HOWE	17.0	1		
	MONTANA	CHAMPION	16.9	4		
	35TH AVE	WISCONSIN	16.8	4		
	SHATTUCK	61ST (SOUTH)	16.8	1		
	BANCROFT	77TH AVE	16.7	6		
	FOOTHILL	4TH AVE	16.7	2		
	KELLER	FONTAINE	16.7	6		
	TELEGRAPH	58TH & RACINE	16.6	1		
	73RD AVE	GARFIELD	16.6	6		
	INTERNATIONAL BLVD	7TH AVE	16.6	2		
	SAN PABLO	34TH ST	16.6	3		
	SEMINARY	AVENAL 81ST AVE	16.5	6		
	INTERNATIONAL BLVD SAN PABLO	59TH ST (NORTH)	16.5 16.4	6		
		94TH		1 7		
	BANCROFT AVE TELEGRAPH	21ST ST	16.4 16.4			
	ADELINE	35TH ST		3		
	COLLEGE	CHABOT	16.4 16.3	3 1		
	BANCROFT	64TH AVE	16.3	6		
	INTERNATIONAL BLVD	3RD AVE	16.3	2		
	SAN LEANDRO	35THAVE	16.1	5		
	COOLIDGE	GALINDO	16.0	5		
	HIGH	FAIRFAX	16.0	4/5		
	PARK BLVD	E-28TH ST	16.0	2		
	EDES AVENUE	85TH AVENUE-WORTH	15.9	7		
	FOOTHILL	106TH AVE	15.9	7		
	BANCROFT	96TH AVE	15.9	7		
	TELEGRAPH	31ST ST	15.9	3		
	E-12TH ST	19TH AVE	15.8	2		
01	<u>L-1211101</u>	I 19 I I AVE	15.8			

RANK	MAJOR STREET	CROSS STREET	POINT (27 MAX)	COUNCIL DISTRICT	
62	BANCROFT	DURANT	15.7	7	
63	E 12TH	25TH AVE	15.7	5	· · · · · · · · · · · · · · · · · · ·
64	FOOTHILL	64TH AVE	15.6	2	
65	MACARTHUR	94TH AVE	15.5	7	
66	MACARTHUR	BYRON/FOOTHILL	15.5	7	
	PARK BLVD	13TH AVE/E.38TH	15.4	5	
	35TH AVE	BROOKDALE	15.4	4	
	INTERNATIONAL BLVD	50TH AVE	15.3	5	
	ADELINE	34TH ST	15.3	3	
	35TH AVE	SCHOOL	15.3	4	
	OAKLAND	PEARL	15.3	3	
	HIGH	ALLENDALE	15.2	4	
	HARRISON	29TH ST	15.1	3	<u> </u>
	INTERNATIONAL BLVD	54TH AVE	15.1	5	
	HIGH	CARRINGTON	15.0	4	
	29TH AVE	E-9TH ST	15.0	5	
	E-10TH ST	2ND AVE	15.0	2	
	INTERNATIONAL BLVD	39TH AVE	15.0	5	
	INTERNATIONAL BLVD	6TH AVE	15.0	2	
	INTERNATIONAL BLVD	80TH AVE	15.0	6	
	LINCOLN	MONTEREY	15.0	4	
	SAN PABLO	66TH ST	15.0	1	
	SEMINARY	OUTLOOK	15.0	6	 ·
	ADELINE	36TH ST	14.9	3	
	WEBSTER	22ND ST	14.9	3	
	FRUITVALE	E. 16TH EAST LEG	14.7	5	
	REDWOOD RD	MOUNTAIN BLVD	14.7	4	
	BANCROFT	AVENAL	14.7	6	
	MARKET	45TH ST	14.7	1	
	MOUNTAIN	ASCOT	14.6	4	
	MACARTHUR 73RD AVE	100TH AVE	14.5	7	
	CLAREMONT	SUNKIST/HILLMONT CHABOT RD	14.4	6	
	WEST	45TH ST	14.3	1	
	SHATTUCK	56TH ST	14.2	1	
	13TH AVE	E- 24TH ST.	14.1	2	
	13TH AVE	EAST 18TH ST.	14.0	2	
	30TH ST	SUMMIT	14.0	3	
	38TH AVE	CARRINGTON	14.0	5	
	ADELINE	26TH ST	14.0	3	·
	BROADWAY	TELEGRAPH	14.0	3	
	FOOTHILL	21ST AVE	14.0	5	
	FRANKLIN	7TH ST	14.0	2	-
	HAVENSCOURT	AVENAL	14.0	6	
	HOWE	41ST ST	14.0	1	
	INTERNATIONAL BLVD	107TH AVE	14.0	7	
	INTERNATIONAL BLVD	57TH AVE	14.0	6	
	MACARTHUR	108TH AVE	14.0	7	
	PARK BLVD	13TH AVE/E-38TH	14.0	2	
	SAN LEANDRO	69TH AVE	14,0	7	
	SAN PABLO	32ND ST	14.0	3	
	7TH ST	CHESTER ST	13.9	3	
	E-15TH ST	4TH AVE	13.9	2	· · · · · · · · · · · · · · · · · · ·
	FRUITVALE	E-18TH ST	13.8	5	
	HEGENBERGER RD	LEET DR	13.8	7	
	ADELINE	28TH ST	13.8	3	·
118	BROADWAY	LAWTON/ROCKRIDGE	13.6	1	
119	35TH AVE	JORDAN	13.5	4	
120	SHATTUCK	61ST (NORTH)	13.5	1	
	MAGADTUUD	68TH AVE	13.3	6	
121	MACARTHUR	LOGILIANE	13.51	0 1	

RANK	MAJOR STREET	CROSS STREET	POINT (27 MAX)	COUNCIL DISTRICT	
123	BANCROFT/BOND	48TH AVE	13.2	5	
124	E-21ST	21 AVE	13.1	5	
125	29TH AVE	E- 10TH ST.	13.0	5	
	85TH AVE	DST	13.0	7	
	BROADWAY	OCEAN VIEW	13.0	1	
	E-12TH ST	25TH AVE	13.0	5	
	E-12TH ST	3RD AVE	13.0	2	
	E-13TH ST	EXCELSIOR	13.0	2	· · · · · · · · · · · · · · · · · · ·
	FOOTHILL	MASON	13.0	6	
	GRAND	BELLEVUE (NORTH)	13.0	3	
	HAVENSCOURT	ARTHUR	13.0	6	
	INTERNATIONAL BLVD	9TH AV	13.0	2	
	MOUNTAIN	SHONE	13.0	6	
	SAN PABLO	67TH ST	13.0	1	
	SHAFTER	38TH ST	13.0	1	
	TELEGRAPH	37TH ST	13.0	1 1	
	35TH AVE	DAVIS	12.9	5	
	BANCROFT	BANCROFT WAY/47TH	12.8	5	
	BANCROFT	84TH AVE	12.7	7	
	HARRISON	MOSS	12.7	1	
	SHATTUCK	59TH ST	12.5	1	
	14TH AVE	EAST 27TH/VALCITO	12.3	2	
	E-12TH ST	6TH AVE	12.2	2	. <u> </u>
	MACARTHUR	96TH AVE	12.2	7	···
	PARK BLVD	KINGSLEY ST	12.2	2	
	106TH AVE	PERALTA OAKS	12.1	7	
	FOOTHILL	50TH AVE	12.1	4	
	15TH ST	JEFFERSON	12.0	3	
	35TH AVE	VICTOR	12.0	4	
	BROADWAY TERR	PINEWOOD/GLENWOOD	12.0	1	
	FOOTHILL	3RD AVE	12.0	2	
	HARRISON MACARTHUR BLVD	FAIRMOUNT 77TH AVE	12.0 12.0	3	
		PIER			
	MARITIME MOUNTAIN		12.0 12.0	3	
	MOUNTAIN	JOAQUIN MILLER OAKNOLL ENTRANCE	12.0	7	
	SAN PABLO	54TH ST	12.0		
	SHATTUCK	AILEEN	12.0	1 1	
	INTERNATIONAL BLVD	19TH AVE	11.9	2	
	BANCROFT	67TH AVE	11.8	6	
	M. L. KING JR WAY	42ND ST	11.8	1	
	PARK BLVD	38TH AVE	11.8	2	
	INTERNATIONAL BL	103rd Ave.(west int)	11.7	7	
	COLLEGE	OAKGROVE-BIRCH	11.7	1	
	OAKLAND	MONTE VISTA	11.7	1	
	SEMINARY	OAKDALE	11.6	6	
	MOUNTAIN	KELLER	11.4	6	·
	INTERNATIONAL BLVD	20TH AVE	11.4	5	
	PARK BLVD	PORTLAND & 5TH AV	11.4	2	
	MACARTHUR	88TH AVE	11.3	7	
	SEMINARY	BRANN	11.3	6	
	73RD AVE	OUTLOOK	11.3	6	
	FOOTHILL	13TH AVE	11.1	2	
	FOOTHILL	62ND AVE	11.1	6	
	15TH ST	CLAY	11.0	3	
	22ND AVE	E- 15TH ST.	11.0	5	
	38TH AVE	ALLENDALE	11.0	5	
	73RD AVE	HOLLY	11.0	6	
	BROADWAY TERR	G.GATE & HERMOSA	11.0	1	
	CALDECOTT	KAY OVERCROSSING	11.0	1	
	(- · · ·	1 - 1			

RANK	MAJOR STREET	CROSS STREET	POINT (27 MAX)	COUNCIL DISTRICT	
184	HARRISON	HAMILTON	11.0	3	
	INTERNATIONAL BLVD	13TH AVE	11.0	2	
186	INTERNATIONAL BLVD	52ND AVE	11.0	5	
187	INTERNATIONAL BLVD	96TH AVE	11.0	7	
188	JOAQUIM MILLER	SKYLINE BLVD	11.0	4	
189	MARITIME	7TH ST	11.0	3	
190	SAN PABLO	55TH ST	11.0	1	
	SHAFTER	49TH ST	11.0	1 1	
	WEBSTER	3RD ST	11.0	3	
	WEST GRAND	LINDEN	11.0	3	
	MORAGA	ESTATES	11.0	1	 .
	GRAND	WELDON	10.9	2	
	PARK BLVD	E. 21ST ST	10.9	2	
	GRAND	SUNNYSLOPE	10.8	2	
	PARK BLVD	CLEVELAND	10.8	2	
	98TH AVE	MEDFORD	10.7	7	
	55TH ST	DOVER	10.5	1 -	
	MACARTHUR DARK BLVD	76TH AVE	10.5	6	
	PARK BLVD	ZION LUTHERAN	10.5	4	
	BROADWAY	28TH ST	10.4	7	
	82ND AVE	PLYMOUTH	10.3	7	
	98TH AVE	SUNNYSIDE	 	 	
	MACARTHUR	MILLSVIEW	10.3	6	
	MACARTHUR	ATHOL	10.3	7	
	INTERNATIONAL BLVD	102ND AVE			
	23RD AVE	E-24TH ST	10.1	5	
	35TH AVE	GALINDO E-28TH ST	10.1	5 2	
	13TH AVE		10.0	2	
	7TH ST	ALICE 16TH ST	10.0	3	
	ADELINE	62ND AVE	10.0	6	
	CAMDEN E-13TH ST	E-28TH ST	10.0	2	
	INTERNATIONAL BLVD	71ST AVE	10.0	6	
	M. L. KING JR WAY	61ST ST	10.0	1	
	PARK BLVD	BEAUMONT	10.0	2	
	SAN LEANDRO	39TH AVE	10.0	5	
	WEBSTER	38TH ST	10.0	1	
	98TH AVE	GOULD	9.9	7	
	INTERNATIONAL BLVD	11TH AVE	9.9	2	
	MARKET	52ND ST	9.9	1	
	SHATTUCK	58TH ST	9.9	1 1	
	81ST AVE	RUDSDALE	9.8	7	
	90TH AVE	OLIVE	9.8	7	
	FALLON	9TH ST	9.7	2	
	INTERNATIONAL BLVD	51ST AVE	9.6	5	
	85TH AVE	GST	9.5	7	
	9TH AVE	E-15TH ST	9.5	2	
	E-15TH ST	11TH AVE	9.5	2	
	INTERNATIONAL BLVD	87TH AVE	9.5	7	
	MARKET	43RD AVE	9.5	1	
	THORNHILL	GRISBONE(NORTH)	9.5	4	
	MACARTHUR	ADAM & CHETWOOD	9.4	3	
	COOLIDGE	LOGAN	9.3	5	
	MARKET	53RD ST	9.3	1	
	OAKLAND AVENUE	29TH STREET	9.3	3 _	
	TELEGRAPH	31ST ST	9.3	3	
	INTERNATIONAL BL	101ST AVE	9.2	7	
241	SCHOOL	MAPLE	9.2	4	
	WEST	42ND ST	9.2	1	
	INTERNATIONAL BLVD	53RD ST	9.1	5	
244	73RD AVE	ORRAL	9.0	6	

	Γ				
RANK	MAJOR STREET	CROSS STREET	POINT (27 MAX)	COUNCIL DISTRICT	FUNDING FISCAL YEAR
245	98TH AVE	CHERRY	9.0	7	
	E-15TH ST	9TH AVE	9.0	2	
247	INTERNATIONAL BLVD	83RD AVE	9.0	7	
248	M. L. KING JR WAY	30TH ST	8.8	3	
249	WEST	BROCKHURST	8.8	3	
	MARKET	24TH ST	8.7	3	
	SAN PABLO	56TH ST	8.7	11	
	FOOTHILL	24TH AVE	8.4	5	
	MARKET	46TH ST	8.4	1	
	14TH AVE	E-19TH ST	8.3	2	
	SHATTUCK 23RD AVE	57TH ST E-17TH ST	8.1	5	
	BANCROFT	51ST AVE	8.0	5	
	BEAUMONT	E-38TH ST	8.0	2	
	E-12TH ST	38TH AVE	8.0	5	
	E-12TH ST	47TH AVE	8.0	2	
	FOOTHILL	11TH AVE	8.0	2	
	FOOTHILL	27TH AVE	8.0	5	
	MACARTHUR	LAUREL	8.0	4	
264	VALDEZ	23RD ST	8.0	3	
265	VALDEZ	24TH ST	8.0	3	
266	CLAREMONT	60THST/HILLEGAS	7.8	1	·
	MACARTHUR BLVD	62ND AVE	7.8	6	
	PERALTA	35TH ST	7.8	3	
	MARKET	42ND ST	7.7	1	
	PARK BLVD	NEWTON	7.7	2	
	WEST GRAND	MAGNOLIA	7.7	3	
	35TH AVE	PAXTON	7.2	5	
	90TH AVE	SUNNYSIDE 44TH ST	7.2	7	
	SEMINARY	ELIZABETH	7.2	1 6	
	16TH AVE	E-15TH ST	7.0	2	
	23RD AVE	E-23RD ST	7.0	5	·
	28TH AVE	E-16TH ST	7.0	5	
	38TH AVE	BROOKDALE	7.0	5	
	55TH AVE	FLEMING	7.0	6	
	ASCOT	MOUNTAIN GATE	7.0	4	
	BROADWAY TERR	CLAREWOOD	7.0	1	
283	MACARTHUR	84TH	7.0	7	
	MARKET	54TH ST	7.0	1	
	SAN LEANDRO	37TH AVE	7.0	5	.
	SHAFTER	CLIFTON	7.0	1	
	SHAFTER	HUDSON	7.0	1	
	35TH AVE	CUSTER	6.9	5	
	FOOTHILL	9TH 10TH ST	6.8	3	
	PERALTA SEMINARY	HILLMONT	6.7	6	
	MARKET	41ST ST	6.2	3	
	62ND AVE	E-17TH ST	6.0	6	
	BANCROFT	FORTUNE WAY/60TH	6.0	6	
	MORAGA	HARBORD	6.0	1	
	SAN PABLO	65TH ST	6.0	1	
	LINCOLN	HEARST	5.3	4	
	27TH AVE	E-16TH ST	5.0	5	
	98TH AVE	OLIVE	5.0	7	
300	EDES	CLARA	5.0	7	
	HIGH	PORTER	5.0	4	
	M. L. KING JR WAY	BROCKHURST	5.0	3	
	MACARTHUR	BROWN	5.0	4	
	THORNHILL_	WOODHAVEN	5.0	4	
305	87TH AVE	BIRCH	4.1	7	

DATE: 3/31/2004 15:43

CITYWIDE SIGNAL PRIORITY LIST *

RANK	MAJOR STREET	CROSS STREET		COUNCIL DISTRICT	FUNDING FISCAL YEAR
306	62ND AVE	E-16TH ST	4.0	_6	
307	WEST	30TH ST	4.0	3	
308	106TH AVE-MALCOLM	SHELDON	3.6	7	
309	EDES	PHELPS ST	3.0	7	
310	HIGH	QUIGLEY	3.0	2	
	** SRS= Safe Routes to S	Schools Grant Program			

* Note: While list contains over 300 locations, appearance on list does not constitute need for or satisfaction of warrants for installation of a signal. Rankings change over time based on factors including but not limited to traffic and ped. volumes, geometry, accidents & site-specific conditions.

Exhibit B (1 page)

PEDESTRIAN PRIORITY INTERSECTIONS

PEDESTRIAN PRIORITY INTERSECTIONS *

RANK	MAJOR STREET	CROSS STREET	PEDESTRIAN ACCIDENTS (MARCH 1992-JUNE 2003)	COUNCIL DISTRICT	
1	FRANKLIN ST.	7TH ST.	12.0	2	02-03 CIP
	INTERNATIONAL BLVD.	64TH AVE.	11.0	6	
3	INTERNATIONAL BLVD.	84TH AVE.	10.0	7	
	FOOTHILL BLVD.	34TH AVE.	9.0	5	
5	SAN PABLO AVE.	65TH AVE.	9.0	1	03-04 CIP
6	BANCROFT AVE.	77TH AVE.	8.0	6	SRS '03 **
7	INTERNATONAL BLVD.	36TH AVE.	7.0	5	
	INTERNATIONAL BLVD.	51ST AVE.	7.0	5	
9	PIEDMONT AVE.	LINDA AVE.	7.0	1	
10	BROADWAY	28TH ST.	6.0	3	
11	D STREET	98TH AVE.	6.0		Ped.Prog.(01-0
12	INTERNATIONAL BLVD.	39TH AVE.	6.0	5	
13	TELEGRAPH AVE.	66TH ST.	6.0	1	
	TRASK ST.	BANCROFT AVE.	6.0	6	04-05 CIP
	FOOTHILL BLVD.	41ST AVE.	5.0	5	
	FOOTHILL BLVD.	46TH AVE.	5.0	5	
17	HIGH ST.	CULVER ST.	5.0	4	
	HIGH ST.	FAIRFAX AVE.	5.0		Ped.Prog.(01-0
	INTERNATIONAL BLVD.	19TH AVE.	5.0	2	3.(
	INTERNATIONAL BLVD.	81ST AVE.	5.0	6/7	
	INTERNATIONAL BLVD.	54TH AVE.	5.0	6	
	INTERNATIONAL BLVD.	31ST AVE.	5.0	5	
	INTERNATIONAL BLVD.	37TH AVE.	5.0	5	
	INTERNATIONAL BLVD.	96TH AVE.	5.0	7	-
	INTERNATIONAL BLVD.	11TH AVE.	5.0	2	
	LAKESHORE AVE.	BEACON ST.	5.0	2	
	PLEASANT VALLEY AVE.	GILBERT ST.	5.0	1	
	WILLOW ST.	7TH ST.	5.0	3	
	23RD AVE.	21ST ST.	4.0	2/5	
	BANCROFT AVE.	108TH AVE.	4.0	7	
	COLLEGE AVE.	63RD ST.	4.0	1	
	DAVIS ST.	35TH AVE.	4.0	5	
	FOOTHILL BLVD.	13TH AVE.	4.0	2	
	FOOTHILL BLVD.	45TH AVE.	4.0	5	
	HARRINGTON AVE.	FOOTHILL BLVD.	4.0	5	
	INTERNATIONAL BLVD.	65TH AVE.	4.0	6	 -
	INTERNATIONAL BLVD.	71ST AVE.	4.0	6/7	
	INTERNATIONAL BLVD.	77TH AVE.	4.0	6/7	
_	INTERNATIONAL BLVD.	8TH AVE.	4.0	2	
	MACARTHUR BLVD.	CHAMPION ST.	4.0	4	
	MACARTHUR BLVD.	LAGUANA AVE.	4.0	4	
	MARKET ST.	24TH ST.	4.0	3	
	PIEDMONT AVE.	GLEN AVE.	4.0	1	
	PORTER ST.	HIGH ST	4.0	4	
	RANDOLPH AVE.	MACARTHUR BLVD.	4.0	4	
	SAN PABLO	59TH ST.	4.0	1	
	TELEGRAPH AVE.	MCAULEY ST.	4.0	'	

^{*} Note: While this list contains 47 locations, appearance on list does not constitute need for or satisfaction of warrants for installation of a traffic signal. Evaluation of intersections may result in recommendations for other improvements such as striping and signage, bulbouts and sidewalk improvements, medians and islands, or other.



^{**}SRS=Safe Routes to Schools Grant Program