

CITY OF OAKLAND

ENGINEERING AND TRAFFIC SURVEY

75

STREET: Grand Avenue
FROM: Lake Park Avenue

SURVEY DATE: 10/4/2013
TO: Wildwood Avenue

SPEED DATA

Location of Speed Survey	3655 Grand Ave	Posted Speed Limit	25 mph
Time of Speed Survey	10:45 AM - 11:35 AM	Recommended Speed Limit	25 mph
50th Percentile Speed (Mean Speed)	27.8 mph	Speed Limit Change	No
85th Percentile Speed	31.8 mph	Speed Justification	85th Percentile speed, downgraded 5 mph due to high collision rate
10 mph Pace Speed	24 - 33 mph		
Percentage of Vehicles in Pace	80.9%		
Number of Survey Samples	215		

COLLISION HISTORY

Number of Years Studied	2
Total Collisions	22
Collision Rate (ACC/MVM)	3.46
Expected Collisions (ACC/MVM)	1.99

TRAFFIC FACTORS

Average Daily Traffic	16,125
Type of Traffic Control	Traffic Signals at Lake Park Ave, Elwood Ave, Mandana, Blvd, and Wildwood Ave; PED XING btw Lake Park Ave and Elwood Ave
Pedestrian Traffic	High
Truck Traffic	Low

ROADWAY CHARACTERISTICS

Length of Segment	2850'
Width	78'
Number of Lanes	NB - 2 SB - 2
Street Classification	Collector
Divided Median?	No
Designated Bike Route?	No
Bike Lanes?	No
Proposed Bike Route?	No
Proposed Bike Lane?	No
Mid-block Crosswalks?	At Weldon Ave, Sunnyslope Ave; Mid-block btw Mandana Ave and Weldon Ave and btw Weldon Ave and Sunnyslope
On-Street Parking?	Yes
Sidewalks?	Yes - Continuous
Driveways?	Many
Vertical Curve	None
Horizontal Curve	None
Visibility	Good
Pavement Condition	Good
Adjacent Land Use	Commercial and Fronting Residential

COMMENTS

The 85th Percentile speed of 31.8 mph indicates a 30 mph speed limit. The 10 mph pace ranges from 24 mph to 33 mph and the suggested speed limit falls within this range. The collision rate for this segment is above the expected rate. Based on the collision rate, a downgrading of the speed limit by 5 mph is justified. Therefore, it is recommended that the speed limit remains at 25 mph.

Approved and Authorized for release by City of Oakland Transportation Services Division:

Date

Loc.#

