

**ORDINANCE NO. 05-2001**

**AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ELK GROVE  
INCREASING THE SPEED LIMIT ON ELK GROVE BOULEVARD BETWEEN  
LAGUNA SPRINGS DRIVE AND FRANKLIN BOULEVARD TO 50 MPH**

THE CITY COUNCIL OF THE CITY OF ELK GROVE, CALIFORNIA, does  
ordain as follows:

Section 1: Findings

- A. On June 6, 2001, the City Council of the City of Elk Grove reviewed and considered the engineering and traffic survey dated May 2, 2001 ("Survey"), and related information, attached hereto and incorporated by reference.
- B. Based upon the review of the Survey and related information, the City Council finds:
  - 1. The prevailing or 85<sup>th</sup> percentile speed of the vehicles using Elk Grove Boulevard between Laguna Springs Drive and Franklin Boulevard is 50 or 55 miles per hour.
  - 2. The posted speed limit of 45 miles per hour is less than the appropriate speed limit of fifty (50) or fifty-five (55) miles per hour, according the Vehicle Code of the State of California.
- C. Based on this review of the Survey, the City Council finds that the most appropriate speed limit to facilitate the orderly movement of traffic that is reasonable and safe for the above-listed street is as set forth in Section 2.

Section 2: Declaration of Increased Speed Limit

- A. Based on findings set forth in Section 1, above, the City Council hereby declares that the prima facie speed limit for Elk Grove Boulevard, between Laguna Springs Drive and Franklin Boulevard shall be Fifty (50) miles per hour.

Section 3: Direction to City Traffic Engineer

On or after the effective date of this ordinance, the City Traffic Engineer is directed to clearly post speed limit signs effectuating Section 2, above, to give notice that this ordinance is in effect.

Effective date: July 20, 2001

Section 4: No Mandatory Duty of Care

This ordinance is not intended to and shall not be construed or given effect in a manner that imposes upon the City or any officer or employee thereof a mandatory duty of care towards persons and property within or without the City, so as to provide a basis of civil liability for damages, except as otherwise imposed by law.

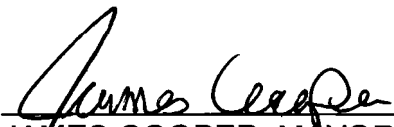
Section 5: Severability

If any provision of this ordinance or the application thereof to any person or circumstances is held invalid, such invalidity shall not affect other provisions or applications of the ordinance, which can be given effect without the invalid provision or application, and to this end the provisions of this ordinance are severable. This City Council hereby declares that it would have adopted this ordinance irrespective of the invalidity of any particular portion thereof.


Section 6: Effective Date.

This ordinance shall take effect thirty (30) days after its adoption, and within fifteen (15) days following its adoption shall be published at least once in a newspaper of general circulation published and circulated in the City of Elk Grove.


PASSED AND ADOPTED by the City Council of the City of Elk Grove on  
June 20, 2001.

  
JAMES COOPER, MAYOR  
CITY OF ELK GROVE

ATTEST:

  
PEGGY JACKSON, CITY CLERK  
CITY OF ELK GROVE

APPROVED AS TO FORM:

  
ANTHONY MANZANETTI,  
CITY ATTORNEY  
CITY OF ELK GROVE

**AYES:** Cooper, Leary,  
Scherman, Soares  
**NOES:** Briggs  
**ABSTAIN:** None  
**ABSENT:** None

Effective Date: July 20, 2001



## COUNTY OF SACRAMENTO PUBLIC WORKS AGENCY

DEPARTMENT OF TRANSPORTATION  
906 G Street, Suite 510  
Sacramento, California 95814-1812  
(916) 874-6291/5966 • Fax No. (916) 874-7831

May 11, 2001

Mr. Clay Castleberry  
Public Works Director  
City of Elk Grove  
P.O. Box 1776  
Elk Grove, CA 95759

RECEIVED  
MAY 17 2001  
CITY OF ELK GROVE

This is in reply to your April 26, 2001, memo to Randy Foust requesting new traffic speed data and speed limit recommendations on Elk Grove Boulevard, the locations of existing and recommended speed limit signs, and the accident rate

**SPEED LIMIT SIGNS:** Speed limit signs (45 mph) are currently posted on Elk Grove Boulevard between I-5 and Highway 99 at the following locations:

Eastbound: East of the I-5 off ramp  
East of Shorelake Drive  
East of Franklin Boulevard  
East of Foulks Ranch Drive  
East of Bruceville Road  
East of Big Horn Boulevard

Westbound: West of Highway 99  
West of Big Horn Boulevard  
West of Bruceville Road  
West of Foulks Ranch Drive  
West of Franklin Boulevard  
West of Shorelake Drive

The California State Traffic Manual says, "*where speed zones are longer than one mile, intermediate signs may be placed at approximately one-mile intervals.*" The distance between Four Winds Drive, just west of the City of Elk Grove, and Highway 99 is approximately four miles. The existing signs listed above are spaced about one mile or less apart and are consistent with the State Manual. Additional speed limit signs are not necessary, but there is nothing in the Traffic Manual prohibiting the installation of additional signs.

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Mr. Clay Castleberry

May 11, 2001

Page 2

**SPEED SURVEYS:** We conducted speed surveys of traffic traveling in both directions on Elk Grove Boulevard, on each side of Wymark Drive as requested. The speed surveys are attached and the 85<sup>th</sup> percentile speeds, in miles per hour, are summarized below:

	85 <sup>th</sup> Percentile Speed
East of Wymark Drive, westbound direction	53
West of Wymark Drive, westbound direction	55
West of Wymark Drive, eastbound direction	52
East of Wymark Drive, eastbound direction	52

The State Traffic Manual states that, "*speed limits should be established preferably at or near the 85<sup>th</sup> percentile speed.*" The 85<sup>th</sup> percentile speed is the speed at, or below which, 85 percent of the traffic sampled is traveling. Also as specified by the Traffic Manual, the data was collected "*to determine the actual speed of unimpeded traffic.*" The four data sets support raising the speed limit to 50-mph. The Elk Grove City Council would need to pass an ordinance to establish the higher speed limit.

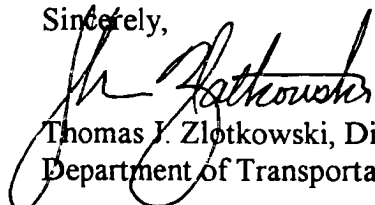
It has been our experience that most residents desire lower speed limits, but higher speed limits are often desired on a major street such as this portion of Elk Grove Boulevard, particularly if the speed limit is aggressively enforced. The higher speed limit of 50 miles per hour is also more defensible against challenges as a "speed trap" when radar enforcement is used as outlined in the California Vehicle Code.

**ACCIDENT RATE:** The following collision report data is for Elk Grove Boulevard between Four Winds Drive and Highway 99:


Year	Total Accidents	Speed-Related Accidents	Accident Rate	Countywide Rate
1998	17	4	0.40	2.4
1999	18	4	0.42	2.2
2000	19	7	0.44	2.5

The Elk Grove Boulevard and Countywide accident rates are for all accidents. A relatively high accident rate may be reason to keep a speed limit low. The relatively low accident rate of Elk Grove Boulevard indicates that a higher speed limit of 50 miles per hour is reasonable.

Sincerely,

  
Thomas J. Zlotkowski, Director  
Department of Transportation

Attachments

CK/SS:pg 

P:\Shared\CK\speedlimit\Elkgroveblvd

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# ENGINEERING AND TRAFFIC SURVEY

COUNTY OF SACRAMENTO, PUBLIC WORKS AGENCY, TRAFFIC ENGINEERING

STREET: Elk Grove BL LIMITS: Bighorn Bl - Wymark  
 LENGTH: \_\_\_\_\_ NUMBER OF LANES: 2 DIRECTION: West Bound  
 EXISTING SPEED LIMIT: \_\_\_\_\_ DEVELOPMENT: \_\_\_\_\_  
 DATE: 5-2-01 TIME: 10:00-10:40 WEATHER: Warm OBSERVER: JK

85th PERCENTILE: 53 MPH AVERAGE SPEED: 47.5 MPH  
 PACE: 42 MPH TO 51 MPH  
 UNDER: 9.6 % IN: 70.2 % OVER: 20.2 %

TRAFFIC COUNT			
STREET	VOLUME	TIME	DATE

ACCIDENT RECORD				
YEAR				
TOTAL				
ANALYSIS: _____				
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# ENGINEERING AND TRAFFIC SURVEY

COUNTY OF SACRAMENTO, PUBLIC WORKS AGENCY, TRAFFIC ENGINEERING

STREET: EIK Grove Blvd LIMITS: Wymark - Bruceville  
 LENGTH: \_\_\_\_\_ NUMBER OF LANES: 2 DIRECTION: West Bound  
 EXISTING SPEED LIMIT: \_\_\_\_\_ DEVELOPMENT: \_\_\_\_\_  
 DATE: 5-2-01 TIME: 10:45-11:20 WEATHER: Warm OBSERVER: JK

85th PERCENTILE: 55 MPH AVERAGE SPEED: 50.8 MPH  
 PACE: 46 MPH TO 55 MPH  
 UNDER: 9.8 % IN: 80.3 % OVER: 9.8 %

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**COUNTY OF SACRAMENTO, PUBLIC WORKS AGENCY, TRAFFIC ENGINEERING**

85th PERCENTILE: 52 MPH AVERAGE SPEED: 48.7 MPH  
PACE: 43 MPH TO 52 MPH  
UNDER: 4.5 % IN: 82.1 % OVER: 13.4 %.

### ACCIDENT RECORD

**ANALYSIS:**

**HIGHWAY, TRAFFIC AND ROADSIDE CONDITIONS:**

**RECOMMENDATION:**

**EXISTING SPEED LIMIT SIGNS:**

CUSTODIAN  
OF RECORDS \_\_\_\_\_ DATE \_\_\_\_\_

**VEHICLE CODE 627**

**ACTION:**

1043

**COUNTY OF SACRAMENTO, PUBLIC WORKS AGENCY, TRAFFIC ENGINEERING**

85th PERCENTILE: 52 MPH AVERAGE SPEED: 47.3 MPH  
PACE: 43 MPH TO 52 MPH  
UNDER: 16.4 % IN: 69 % OVER: 14.7 %.

[illegible][illegible]

**RECOMMENDATION:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**"I CERTIFY THIS ENGINEERING AND TRAFFIC SURVEY TO BE A TRUE COPY OF THE ORIGINAL DOCUMENT."**

CUSTODIAN  
OF RECORDS \_\_\_\_\_ DATE \_\_\_\_\_

**VEHICLE CODE 627**