

## ORDINANCE NO. 22-2023

### AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF ELK GROVE AMENDING ELK GROVE MUNICIPAL CODE SECTION 10.48.020 SPEED LIMITS, TO ESTABLISH SPEED LIMITS ON VARIOUS ROADS IN THE CITY

**WHEREAS**, with certain exceptions for prima facie speed limits for certain roadways, the California Vehicle Code (CVC) requires speed limits to be set by ordinance on the basis of an Engineering and Traffic Survey, which is re-evaluated at intervals required by law; and

**WHEREAS**, cities and counties in California must follow the California Vehicle Code (CVC), primarily Sections 22357, 22358.6, 22358.7, and other applicable sections to establish speed limits within their jurisdictions; and

**WHEREAS**, the City's Traffic Engineer, consistent with state law, has performed an Engineering and Traffic Survey on all the streets listed below for addition or revision, and such surveys on all the streets listed below for addition or revision are attached hereto as Exhibits A through J, and incorporated herein by reference; and

**WHEREAS**, in order for law enforcement to use radar and lidar to enforce speed limits, a new speed limit must be set and posted in conformance with the new Engineering and Traffic Survey.

**NOW, THEREFORE**, the City Council of the City of Elk Grove does ordain as follows:

#### Section 1: Purpose and Authority

The purpose of this Ordinance is to amend Elk Grove Municipal Code Section 10.48.020 Speed Limits to establish speed limits on Bilby Road, Bradshaw Road, Grant Line Road, Sheldon Road, and W. Stockton Boulevard.

#### Section 2: Findings

On November 8, 2023, the City Council of the City of Elk Grove reviewed and considered the Engineering and Traffic Surveys and related information for the referenced roadways, attached hereto as Exhibits A through J and incorporated herein by reference. Copies are also on file with the City's Department of Public Works.

Based on the review of the Engineering and Traffic Speed Surveys, the City Council finds the most appropriate speed limit to facilitate the orderly movement of traffic which is reasonable and safe on the following roads to be as follows:

- Bilby Road between Bond Road and Calvine Road is 45 MPH
- Bradshaw Road between Bond Road and Elk Grove Boulevard is 50 MPH
- Bradshaw Road between Bond Road and Sheldon Road is 50 MPH
- Bradshaw Road between Sheldon Road and Calvine Road is 50 MPH
- Bradshaw Road between Elk Grove Boulevard and Grant Line Road is 50 MPH
- Grant Line Road between State Route 99 and Waterman Road is 50 MPH

- Grant Line Road between Waterman Road and Bradshaw Road is 55 MPH
- Grant Line Road between Bradshaw Road and City Limits South of Equestrian Drive is 55 MPH
- Sheldon Road between Bruceville Road and State Route 99 is 45 MPH
- W. Stockton Boulevard between 1,300' south of Laguna Grove Drive and Promenade Parkway is 45 MPH

Section 3: Declaration of Speed Limits

The City Council hereby declares that the speed limits be set in accordance with the findings and recommendations provided in Section 2 above.

Section 4: Direction to City Engineer

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

Section 5: Amendment to Elk Grove Municipal Code Section 10.48.020

Section 10.48.020 of the Elk Grove Municipal Code shall be amended as follows:

*Additions are shown in **bold**; deletions are shown in ~~strikethrough~~*

**10.48.020 Speed limits.**

...

D. A speed limit of forty (40 mph) miles per hour shall apply to the following streets:

...

~~13. Sheldon Road between Bruceville Road and State Route 99;~~

**14**13. Sheldon Road between State Route 99 and Elk Grove-Florin Road;

~~14~~**14**. Sheldon Road between Elk Grove-Florin Road and Grant Line Road;

~~15~~**15**. W. Stockton Boulevard between Laguna Springs and a point four thousand one hundred fifty (4,150' 0") feet south of Laguna Springs Drive.

E. A speed limit of forty-five (45 mph) miles per hour shall apply to the following streets:

...

**4. Bilby Road between Bruceville Road and Big Horn Boulevard;**

**45.** Bruceville Road between Bilby Road and Kammerer Road;

**56.** Bruceville Road between Elk Grove Boulevard and Bilby Road;

~~6. Bradshaw Road between Elk Grove Boulevard and Grant Line Road;~~

...

**26. Sheldon Road between Bruceville Road and State Route 99;**

~~2627.~~ Waterman Road between Calvine Road and Sheldon Road;

~~2728.~~ Waterman Road between Sheldon Road and Bond Road;

~~2829.~~ Waterman Road between Bond Road and Rancho Drive;

~~2930.~~ Waterman Road between Dino Drive and Grant Line Road;

~~3031.~~ Whitelock Parkway between Franklin Boulevard/Willard Parkway to W. Stockton Boulevard;

~~3432.~~ Willard Parkway between Whitelock Parkway and Bilby Road.

**33. W. Stockton Boulevard between Promenade Parkway and a point one thousand three hundred (1,300' 0") feet south of Laguna Grove Drive.**

F. A speed limit of fifty (50 mph) miles per hour shall apply to the following streets:

**1. Bradshaw Road between Bond Road and Elk Grove Boulevard;**

**2. Bradshaw Road between Bond Road and Sheldon Road;**

**3. Bradshaw Road between Sheldon Road and Calvine Road;**

**4. Bradshaw Road between Elk Grove Boulevard and Grant Line Road;**

**5. Grant Line Road between State Route 99 and Waterman Road;**

~~46.~~ Wilton Road between Grant Line Road and City limits (south);

G. A speed limit of fifty-five (55 mph) miles per hour shall apply to the following streets:

**1. Grant Line Road between Waterman Road and Bradshaw Road;**

**2. Grant Line Road between Bradshaw Road and City limits south of Equestrian Drive;**

~~43.~~ Kammerer Road between Bruceville Road and Lotz Parkway;

~~24.~~ Kammerer Road between Lotz Parkway and State Route 99;

#### Section 6: 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 7: 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 and intends that the invalid portions should be severed and the balance of the ordinance be enforced.

Section 8: Savings Clause

The provisions of this ordinance shall not affect or impair an act done or right vested or approved or any proceeding, suit or prosecution had or commenced in any cause before such repeal shall take effect; but every such act done, or right vested or accrued, or proceeding, suit or prosecution shall remain in full force and effect to all intents and purposes as if such ordinance or part thereof so repealed had remained in force. No offense committed and no liability, penalty or forfeiture, either civilly or criminally incurred prior to the time when any such ordinance or part thereof shall be repealed or altered by said Code shall be discharged or affected by such repeal or alteration; but prosecutions and suits for such offenses, liabilities, penalties or forfeitures shall be instituted and proceeded with in all respects as if such prior ordinance or part thereof had not been repealed or altered.


Section 9: Effective Date and Publication

This Ordinance shall take effect thirty (30) days after its adoption. In lieu of publication of the full text of the ordinance within fifteen (15) days after its passage, a summary of the ordinance may be published at least five (5) days prior to and fifteen (15) days after adoption by the City Council and a certified copy shall be posted in the office of the City Clerk, pursuant to GC 36933(c)(1).

**ORDINANCE:**       **22-2023**  
**INTRODUCED:**     November 8, 2023  
**ADOPTED:**        December 13, 2023  
**EFFECTIVE:**      January 12, 2024

  
BOBBIE SINGH-ALLEN, MAYOR of the  
CITY OF ELK GROVE

ATTEST:  
  
JASON LINDGREN, CITY CLERK

APPROVED AS TO FORM:  
  
JONATHAN P. HOBBS,  
CITY ATTORNEY

Signed: December 15, 2023





**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**  
Bilby Road From  
Bruceville Road to Big Horn Boulevard

**Discussion:**

Bilby Road from Bruceville Road to Big Horn Boulevard is a two-lane arterial in the City of Elk Grove. The adjacent land uses are primarily rural. The segment of roadway features two striped travel lanes, medians, edge lines, paved shoulders, bike lanes, and is adjacent to a residential community which is separated by a sound wall.

The road is currently not posted with a speed limit.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Bilby Road on 8/23/2023. The 85% (prevailing) speed was measured at 50 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Bilby Road was 1.10 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Set the speed limit to 45 MPH. This is based on the 50 MPH prevailing speed rounded to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
45 MPH**

**Engineering and Traffic Survey**  
Bilby Road from Bruceville Road to Big Horn Boulevard

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 9/8/23

Attachment – Vehicle Speed Survey Sheet  
Map





STREET NAME: **BILBY ROAD**  
 FROM: BRUCEVILLE ROAD  
 TO: BIG HORN BOULEVARD

**LEGENDS:**

-  Signalized Intersection
-  All Way Stop
-  Stop Sign (2-Way)
-  Stop Sign (1-way)
-  Speed Hump
-  Traffic Circle
-  R2-1 Speed Limit Sign

RADAR SPEED SURVEY	
Critical Speed (85th Percentile)	50 MPH
Average Speed	45 MPH
10 mph Pace	40 MPH - 49 MPH
Percent in Pace	59.7%

COLLISION RATE	1.1
04/30/2023 - 04/29/2023	COLL/MVM

AVERAGE DAILY TRAFFIC	2,607
5/17/2023	VPD

ROADSIDE CONDITIONS	
PREDOMINANT LAND USE	
Single Family Residential	X
Multi Family Residential	
Commercial	
Industrial	
Office	
School	X
Place of Worship	
Rural	X

ROADWAY GEOMETRY	
Segment Length	5,048 FT
Roadway Width	48-80 FT
Number of Lanes	2
Bike Lane	YES r
Median	YES

PROPOSED SPEED LIMIT	45 MPH
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Date Ordinance Adopted	
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Date Speed Limit Posted	
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EXPIRATION DATE	08/23/30
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**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION: BILBY RD**

**SURVEY DATE: 8/23/2023**

**LIMITS: BRUCEVILLE ROAD to BIG HORN BLVD**

**TIME: 10:10AM-11:10AM**

VEHICLE SPEED (MPH)	TOTAL VEHICLE	POSTED SPEED LIMIT:	NP	WEATHER:	DRY/CLEAR	OBSERVER:	SALVADOR MARTINEZ-NAVARRO
69							
68							
67							
66							
65							
64							
63							
62							
61							
60	2						
59							
58	1						
57	4						
56							
55							
54	4						
53							
52							
51							
50	3						
49	4						
48	3						
47	7						
46	2						
45	6						
44	9						
43	5						
42	1						
41	2						
40	4						
39	2						
38	2						
37	3						
36	3						
35	1						
34	1						
33	2						
32	1						
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28							
27							
26							
25							
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23							
22							
21							
20							
<b>TOTAL</b>	<b>72</b>						

85th PERCENTILE	50 MPH	AVERAGE SPEED	45. MPH
10 MPH PACE SPEED	FROM 40 MPH	TO 49 MPH	
% UNDER PACE	20.8%	% IN PACE	59.7%
		% OVER PACE	19.4%

<b>ROADSIDE CONDITIONS</b>	
<b>PREDOMINANT LAND USE</b>	
SINGLE FAMILY RESIDENTIAL	<input checked="" type="checkbox"/>
MULTI-FAMILY RESIDENTIAL	<input type="checkbox"/>
COMMERCIAL	<input type="checkbox"/>
OFFICE	<input type="checkbox"/>
INDUSTRIAL	<input type="checkbox"/>
SCHOOL	<input checked="" type="checkbox"/>
RURAL	<input checked="" type="checkbox"/>
PLACE OF WORSHIP	<input type="checkbox"/>
<b>ON STREET PARKING</b>	
HEAVY	<input type="checkbox"/>
MODERATE	<input type="checkbox"/>
LIGHT	<input type="checkbox"/>
NO PARKING	<input checked="" type="checkbox"/>
<b>ROADWAY GEOMETRY</b>	
SEGMENT LENGTH (FEET):	5,048
WIDTH (FEET)	48' - 80'
MEDIAN:	YES
NUMBER OF LANES:	2
BIKE LANES	YES

AVERAGE DAILY TRAFFIC	COLLISION HISTORY (2 YEARS)	
	4/30/2021	4/29/2023
2,607	NUMBER OF COLLISIONS 2	
Date: 5/17/2023	COLLISIONS RATE (MVM) 1.10	

**COMMENTS:**  
Residential and Rural land use. Bilby Road from Bruceville Road to Big Horn Boulevard is a 2-lane arterial roadway with bike lanes in both the east and west directions. Rural land use exists on the north side of Bilby Road while new residential development exists on the south side of Bilby Road. Rex & Margaret Fortune Early College High School is located along this segment of roadway.





**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**  
Bradshaw Road From  
Bond Road to Elk Grove Boulevard

**Discussion:**

Bradshaw Road, from Bond Road to Elk Grove Boulevard, is a two-lane arterial in the City of Elk Grove. The adjacent land uses are primarily residential with some schools and community centers at the north end of the segment. The road has two striped travel lanes and marked class II bike lanes. There is intermittent sidewalk along the road.

The road is currently posted at 55 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Bradshaw Road on 10/19/2023. The 85% (prevailing) speed was measured at 53 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Bradshaw Road was 0.33 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Reduce the speed limit to 50 MPH. This is based on the 53 MPH prevailing speed rounded up to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
50 MPH**

**Engineering and Traffic Survey**  
Bradshaw Road from Bond Road to Elk Grove Boulevard

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 10/20/22

Attachment – Vehicle Speed Survey Sheet  
Map





**STREET NAME: BRADSHAW ROAD**  
 FROM: ELK GROVE BOULEVARD  
 TO: BOND ROAD

ROADSIDE CONDITIONS	
PREDOMINANT LAND USE	
Single Family Residential	X
Multi Family Residential	
Commercial	
Industrial	
Office	
School	X
Place of Worship	X
Rural	X

<b>PROPOSED SPEED LIMIT</b>	<b>50 MPH</b>
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Date Ordinance Adopted	
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Date Speed Limit Posted	
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<b>EXPIRATION DATE</b>	<b>10/19/30</b>
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**LEGENDS:**

- Signalized Intersection
- All Way Stop
- Stop Sign (2-Way)
- Stop Sign (1-way)
- Speed Hump
- Traffic Circle
- R2-1 Speed Limit Sign

RADAR SPEED SURVEY	
Critical Speed (85th Percentile)	<b>53 MPH</b>
Average Speed	<b>48.4 MPH</b>
10 mph Pace	<b>45 MPH - 54 MPH</b>
Percent in Pace	<b>78.0%</b>

<b>COLLISION RATE</b>	<b>0.33</b>
04/30/2021 - 04/29/2023	COLL/MVM

<b>AVERAGE DAILY TRAFFIC</b>	<b>14,408</b>
5/24/2023	VPD

ROADWAY GEOMETRY	
Segment Length	5,290 FT
Roadway Width	34 - 80 FT
Number of Lanes	2
Bike Lane	YES
Median	NO

**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION:** BRADSHAW RD

**SURVEY DATE:** 10/19/2023

**LIMITS:** ELK GROVE BLVD TO BOND RD

**TIME:** 2:14PM - 2:41PM

**VEHICLE SPEED (MPH)**      **TOTAL VEHICLE**      **POSTED SPEED LIMIT:**      55      **WEATHER:** DRY/CLEAR      **OBSERVER:** SALVADOR MARTINEZ-NAVARRO

<b>85th PERCENTILE</b>	<b>53 MPH</b>	<b>AVERAGE SPEED</b>	<b>48.4 MPH</b>
<b>10 MPH PACE SPEED</b>	<b>FROM 45 MPH</b>	<b>TO 54 MPH</b>	
<b>% UNDER PACE</b>	<b>17.0%</b>	<b>% IN PACE</b>	<b>78.0%</b>
		<b>% OVER PACE</b>	<b>5.0%</b>

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56	2
55	3
54	10
53	3
52	8
51	9
50	7
49	8
48	5
47	14
46	7
45	7
44	4
43	3
42	3
41	4
40	2
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**ROADSIDE CONDITIONS**

**PREDOMINANT LAND USE**

SINGLE FAMILY RESIDENTIAL

MULTI-FAMILY RESIDENTIAL

COMMERCIAL

OFFICE

INDUSTRIAL

SCHOOL

RURAL

PLACE OF WORSHIP

**ON STREET PARKING**

HEAVY

MODERATE

LIGHT

NO PARKING

**ROADWAY GEOMETRY**

SEGMENT LENGTH (FEET): 5,290

WIDTH (FEET) 34' - 80'

MEDIAN: NO

NUMBER OF LANES: 2

BIKE LANES YES

<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>	4/30/2021	4/29/2023
12,408	NUMBER OF COLLISIONS	3	
Date: 5/17/2023	COLLISIONS RATE (MVM)	0.33	

**COMMENTS:**  
Rural and Residential Land use. Bradshaw Road between Elk Grove Boulevard and Bond Road is a 2-lane arterial roadway. Pleasant Grove High School, Katherine L. Albiani Middle School and Pleasant Grove Baptist Church of Elk Grove are located at the north end of this segment.

**TOTAL**      **100**





**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**  
Bradshaw Road From  
Bond Road to Sheldon Road

**Discussion:**

Bradshaw Road from Bond Road to Sheldon Road is a two-lane arterial in the City of Elk Grove. The adjacent land use is primarily rural. The road has striped travel lanes, and paved shoulders.

The road is currently posted at 55 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Bradshaw Road on 8/17/2023. The 85% (prevailing) speed was measured at 55 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Bradshaw Road was 0.43 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Reduce the speed limit to 50 MPH. This is based on the 55 MPH prevailing speed rounded down to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
50 MPH**

**Engineering and Traffic Survey**  
Bradshaw Road from Bond Road to Sheldon Road

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 10/18/23

Attachment – Vehicle Speed Survey Sheet  
Map





**STREET NAME: BRADSHAW ROAD**  
 FROM: BOND ROAD  
 TO: SHELDON ROAD

- LEGENDS:**
- Signalized Intersection
  - All Way Stop
  - Stop Sign (2-Way)
  - Stop Sign (1-way)
  - Speed Hump
  - Traffic Circle
  - R2-1 Speed Limit Sign

RADAR SPEED SURVEY	
Critical Speed (85th Percentile)	55 MPH
Average Speed	50.4 MPH
10 mph Pace	46 MPH - 55 MPH
Percent in Pace	78.0%

COLLISION RATE	0.43
04/30/2021 - 04/29/2023	COLL/MVM

AVERAGE DAILY TRAFFIC	16,053
5/24/2023	VPD

ROADSIDE CONDITIONS	
PREDOMINANT LAND USE	
Single Family Residential	X
Multi Family Residential	
Commercial	
Industrial	
Office	
School	X
Place of Worship	X
Rural	X

ROADWAY GEOMETRY	
Segment Length	5,300 FT
Roadway Width	34 - 90 FT
Number of Lanes	2
Bike Lane	NO
Median	NO

PROPOSED SPEED LIMIT	50 MPH
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Date Ordinance Adopted	
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Date Speed Limit Posted	
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EXPIRATION DATE	10/17/30
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**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION: BRADSHAW RD**

**SURVEY DATE: 10/17/2023**

**LIMITS: BOND RD to SHELDON RD**

**TIME: 10:12AM - 10:45AM**

VEHICLE SPEED (MPH)	TOTAL VEHICLE	POSTED SPEED LIMIT:	55	WEATHER: DRY/CLEAR	OBSERVER: SALVADOR MARTINEZ-NAVARRO																																										
69			<table border="1"> <tr> <td>85th PERCENTILE</td> <td>55 MPH</td> <td>AVERAGE SPEED</td> <td>50.4 MPH</td> </tr> <tr> <td>10 MPH PACE SPEED</td> <td>FROM 46 MPH</td> <td>TO 55 MPH</td> <td></td> </tr> <tr> <td>% UNDER PACE</td> <td>11.0%</td> <td>% IN PACE</td> <td>78.0%</td> </tr> <tr> <td></td> <td></td> <td>% OVER PACE</td> <td>11.0%</td> </tr> </table>			85th PERCENTILE	55 MPH	AVERAGE SPEED	50.4 MPH	10 MPH PACE SPEED	FROM 46 MPH	TO 55 MPH		% UNDER PACE	11.0%	% IN PACE	78.0%			% OVER PACE	11.0%																										
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<b>ROADSIDE CONDITIONS</b>																																															
<b>PREDOMINANT LAND USE</b>																																															
SINGLE FAMILY RESIDENTIAL	<input checked="" type="checkbox"/>																																														
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RURAL	<input checked="" type="checkbox"/>																																														
PLACE OF WORSHIP	<input checked="" type="checkbox"/>																																														
<b>ON STREET PARKING</b>																																															
HEAVY	<input type="checkbox"/>																																														
MODERATE	<input type="checkbox"/>																																														
LIGHT	<input type="checkbox"/>																																														
NO PARKING	<input checked="" type="checkbox"/>																																														
<b>ROADWAY GEOMETRY</b>																																															
SEGMENT LENGTH (FEET):	5,300																																														
WIDTH (FEET)	34' - 90'																																														
MEDIAN:	NO																																														
NUMBER OF LANES:	2																																														
BIKE LANES	NO																																														
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<b>TOTAL</b>	<b>100</b>		<table border="1"> <tr> <td><b>AVERAGE DAILY TRAFFIC</b></td> <td colspan="2"><b>COLLISION HISTORY (2 YEARS)</b></td> </tr> <tr> <td>16,053</td> <td>4/30/2021</td> <td>4/29/2023</td> </tr> <tr> <td>Date: 5/24/2023</td> <td>NUMBER OF COLLISIONS</td> <td>5</td> </tr> <tr> <td></td> <td>COLLISIONS RATE (MVM)</td> <td>0.43</td> </tr> </table>			<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>		16,053	4/30/2021	4/29/2023	Date: 5/24/2023	NUMBER OF COLLISIONS	5		COLLISIONS RATE (MVM)	0.43																														
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**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**  
Bradshaw Road From  
Elk Grove Boulevard to Grant Line Road

**Discussion:**

Bradshaw Road from Elk Grove Boulevard to Grant Line Road is a two-lane arterial in the City of Elk Grove. The adjacent land use is primarily rural and includes the California Montessori Project School located 400 feet south of Elk Grove Boulevard. The segment of roadway also features striped travel lanes, edge lines, narrow paved shoulders, and is adjacent to a residential community which is separated by a sound wall.

The road is currently posted at 45 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Bradshaw Road on 8/17/2023. The 85% (prevailing) speed was measured at 54 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Bradshaw Road was 1.08 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Increase the speed limit to 50 MPH. This is based on the 54 MPH prevailing speed rounded up to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
50 MPH**

**Engineering and Traffic Survey**  
Bradshaw Road from Elk Grove Boulevard to Grant Line Road

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 9/8/23

Attachment – Vehicle Speed Survey Sheet  
Map







STREET NAME: **BRADSHAW ROAD**

FROM: ELK GROVE BOULEVARD  
TO: GRANT LINE ROAD

**LEGENDS:**

-  Signalized Intersection
-  All Way Stop
-  Stop Sign (2-Way)
-  Stop Sign (1-way)
-  Speed Hump
-  Traffic Circle
-  R2-1 Speed Limit Sign

**RADAR SPEED SURVEY**

Critical Speed (85th Percentile)	<b>54 MPH</b>
Average Speed	<b>48.1 MPH</b>
10 mph Pace	<b>42 MPH - 51 MPH</b>
Percent in Pace	<b>71.6%</b>

**COLLISION RATE**

04/30/2021 - 04/29/2023	<b>1.08</b>
	COLL/MVM

**AVERAGE DAILY TRAFFIC**

10/6/2021	<b>6,399</b>
	VPD

**ROADSIDE CONDITIONS**

**PREDOMINANT LAND USE**

Single Family Residential	<b>X</b>
Multi Family Residential	
Commercial	
Industrial	
Office	
School	<b>X</b>
Place of Worship	
Park	

**ROADWAY GEOMETRY**

Segment Length	3,136 FT
Roadway Width	36-70 FT
Number of Lanes	2
Bike Lane	NO
Median	NO

**PROPOSED SPEED LIMIT**

**50**  
MPH

Date Ordinance Adopted

Date Speed Limit Posted

EXPIRATION DATE

08/17/30

**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION:** BRADSHAW RD

**SURVEY DATE:** 8/17/2023

**LIMITS:** ELK GROVE BLVD to GRANT LINE RD

**TIME:** 2:40PM-3:15PM

VEHICLE SPEED (MPH)	TOTAL VEHICLE	POSTED SPEED LIMIT:	45	WEATHER:	DRY/CLEAR	OBSERVER:	SALVADOR MARTINEZ-NAVARRO																																										
69			<table border="1"> <tr> <td>85th PERCENTILE</td> <td>54 MPH</td> <td>AVERAGE SPEED</td> <td>48.1 MPH</td> </tr> <tr> <td>10 MPH PACE SPEED</td> <td>FROM 42 MPH</td> <td>TO 51 MPH</td> <td></td> </tr> <tr> <td>% UNDER PACE</td> <td>5.9%</td> <td>% IN PACE</td> <td>71.6%</td> </tr> <tr> <td></td> <td></td> <td>% OVER PACE</td> <td>22.5%</td> </tr> </table>					85th PERCENTILE	54 MPH	AVERAGE SPEED	48.1 MPH	10 MPH PACE SPEED	FROM 42 MPH	TO 51 MPH		% UNDER PACE	5.9%	% IN PACE	71.6%			% OVER PACE	22.5%																										
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68			<table border="1"> <tr> <th align="center" colspan="2">ROADSIDE CONDITIONS</th> </tr> <tr> <td colspan="2"><b>PREDOMINANT LAND USE</b></td> </tr> <tr> <td>SINGLE FAMILY RESIDENTIAL</td> <td align="right"><input checked="" type="checkbox"/></td> </tr> <tr> <td>MULTI-FAMILY RESIDENTIAL</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td>COMMERCIAL</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td>OFFICE</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td>INDUSTRIAL</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td>SCHOOL</td> <td align="right"><input checked="" type="checkbox"/></td> </tr> <tr> <td>PARK</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td>PLACE OF WORSHIP</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td colspan="2"><b>ON STREET PARKING</b></td> </tr> <tr> <td>HEAVY</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td>MODERATE</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td>LIGHT</td> <td align="right"><input type="checkbox"/></td> </tr> <tr> <td>NO PARKING</td> <td align="right"><input checked="" type="checkbox"/></td> </tr> <tr> <td colspan="2"><b>ROADWAY GEOMETRY</b></td> </tr> <tr> <td>SEGMENT LENGTH (FEET):</td> <td>3,136</td> </tr> <tr> <td>WIDTH (FEET)</td> <td>36' - 70'</td> </tr> <tr> <td>MEDIAN:</td> <td>NO</td> </tr> <tr> <td>NUMBER OF LANES:</td> <td>2</td> </tr> <tr> <td>BIKE LANES</td> <td>NO</td> </tr> </table>					ROADSIDE CONDITIONS		<b>PREDOMINANT LAND USE</b>		SINGLE FAMILY RESIDENTIAL	<input checked="" type="checkbox"/>	MULTI-FAMILY RESIDENTIAL	<input type="checkbox"/>	COMMERCIAL	<input type="checkbox"/>	OFFICE	<input type="checkbox"/>	INDUSTRIAL	<input type="checkbox"/>	SCHOOL	<input checked="" type="checkbox"/>	PARK	<input type="checkbox"/>	PLACE OF WORSHIP	<input type="checkbox"/>	<b>ON STREET PARKING</b>		HEAVY	<input type="checkbox"/>	MODERATE	<input type="checkbox"/>	LIGHT	<input type="checkbox"/>	NO PARKING	<input checked="" type="checkbox"/>	<b>ROADWAY GEOMETRY</b>		SEGMENT LENGTH (FEET):	3,136	WIDTH (FEET)	36' - 70'	MEDIAN:	NO	NUMBER OF LANES:	2	BIKE LANES	NO
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<b>TOTAL</b>	<b>102</b>																																																

<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>	4/30/2021	4/29/2023
6,399	NUMBER OF COLLISIONS	3	
Date: 10/6/2021	COLLISIONS RATE (MVM)	1.08	

**COMMENTS:**  
Rural land use. Bradshaw Road between Elk Grove Boulevard and Grant Line Road is 2-lane arterial roadway with narrow shoulders. California Montessori Project School is located along this segment of Grant Line Road. During school observation, several students and walk and ride their bicycle to and from school.





**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**  
Bradshaw Road From  
Sheldon Road to Calvine Road

**Discussion:**

Bradshaw Road from Sheldon Road to Calvine Road is a two-lane arterial in the City of Elk Grove. The adjacent land use is primarily rural. The road has striped travel lanes, and paved shoulders.

The road is currently posted at 55 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Bradshaw Road on 8/17/2023. The 85% (prevailing) speed was measured at 57 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Bradshaw Road was 0.86 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Reduce the speed limit to 50 MPH. This is based on the 57 MPH prevailing speed rounded down to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
50 MPH**

**Engineering and Traffic Survey**  
Bradshaw Road from Sheldon Road to Calvine Road

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 10/18/23

Attachment – Vehicle Speed Survey Sheet  
Map





**STREET NAME: BRADSHAW ROAD**  
 FROM: SHELDON ROAD  
 TO: CALVINE ROAD

**LEGENDS:**

-  Signalized Intersection
-  All Way Stop
-  Stop Sign (2-Way)
-  Stop Sign (1-way)
-  Speed Hump
-  Traffic Circle
-  R2-1 Speed Limit Sign

RADAR SPEED SURVEY	
Critical Speed (85th Percentile)	57 MPH
Average Speed	50.4 MPH
10 mph Pace	47 MPH - 56 MPH
Percent in Pace	55.2%

COLLISION RATE	
04/30/2021 - 04/29/2023	0.86 COLL/MVM

AVERAGE DAILY TRAFFIC	
5/24/2023	19,489 VPD

ROADSIDE CONDITIONS	
PREDOMINANT LAND USE	
Single Family Residential	X
Multi Family Residential	
Commercial	X
Industrial	
Office	
School	
Place of Worship	X
Rural	X

ROADWAY GEOMETRY	
Segment Length	5,193 FT
Roadway Width	35-95 FT
Number of Lanes	2
Bike Lane	NO
Median	NO

<b>PROPOSED SPEED LIMIT</b>	<b>50 MPH</b>
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Date Ordinance Adopted	
------------------------	--

Date Speed Limit Posted	
-------------------------	--

EXPIRATION DATE	08/17/30
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**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION:** BRADSHAW RD

**SURVEY DATE:** 8/17/2023

**LIMITS:** SHELDON RD to CALVINE RD

**TIME:** 9:40AM-10:20AM

VEHICLE SPEED (MPH)	TOTAL VEHICLE
69	
68	
67	
66	
65	
64	
63	
62	1
61	2
60	1
59	5
58	2
57	8
56	6
55	3
54	8
53	4
52	6
51	8
50	5
49	3
48	6
47	9
46	5
45	1
44	9
43	5
42	1
41	3
40	1
39	3
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21	
20	
<b>TOTAL</b>	<b>105</b>

**POSTED SPEED LIMIT:**

55

**WEATHER:**

DRY/CLEAR

**OBSERVER:**

SALVADOR MARTINEZ-NAVARRO

<b>85th PERCENTILE</b>	<b>57 MPH</b>	<b>AVERAGE SPEED</b>	<b>50.4 MPH</b>
<b>10 MPH PACE SPEED</b>	<b>FROM 47 MPH</b>	<b>TO 56 MPH</b>	
<b>% UNDER PACE</b>	<b>26.7%</b>	<b>% IN PACE</b>	<b>55.2%</b>
		<b>% OVER PACE</b>	<b>18.1%</b>

<b>ROADSIDE CONDITIONS</b>	
<b>PREDOMINANT LAND USE</b>	
SINGLE FAMILY RESIDENTIAL	<input checked="" type="checkbox"/>
MULTI-FAMILY RESIDENTIAL	<input type="checkbox"/>
COMMERCIAL	<input checked="" type="checkbox"/>
OFFICE	<input type="checkbox"/>
INDUSTRIAL	<input type="checkbox"/>
SCHOOL	<input type="checkbox"/>
RURAL	<input checked="" type="checkbox"/>
PLACE OF WORSHIP	<input checked="" type="checkbox"/>
<b>ON STREET PARKING</b>	
HEAVY	<input type="checkbox"/>
MODERATE	<input type="checkbox"/>
LIGHT	<input type="checkbox"/>
NO PARKING	<input checked="" type="checkbox"/>
<b>ROADWAY GEOMETRY</b>	
SEGMENT LENGTH (FEET):	5,193
WIDTH (FEET)	35' - 95'
MEDIAN:	NO
NUMBER OF LANES:	2
BIKE LANES	NO

<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>	
19,489	4/30/2021	4/29/2023
Date: 5/24/2023	NUMBER OF COLLISIONS	12
	COLLISIONS RATE (MVM)	0.86

**COMMENTS:**  
Rural land use. Bradshaw Road between Sheldon Road and Calvine Road is a 2-lane arterial roadway and features a traffic circle at the intersection of Sheldon Road and Bradshaw Road. Saint Maria Goretti Catholic Church and Rock Church are located along this segment of roadway.



**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**  
Grant Line Road From  
SR99 to Waterman Road

**Discussion:**

Grant Line Road from SR99 to Waterman Road is a four-lane arterial in the City of Elk Grove. The adjacent land uses are primarily industrial, and commercial. The segment of roadway has striped travel lanes with edge lines, paved shoulders, bike lanes, and a median.

The road is currently posted at 55 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Grant Line Road on 3/17/2023. The 85% (prevailing) speed was measured at 56 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Grant Line Road was 0.64 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Reduce the speed limit to 50 MPH. This is based on the 56 MPH prevailing speed rounded down to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
50 MPH**

**Engineering and Traffic Survey**  
Grant Line Road from SR99 to Waterman Road

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 9/8/23

Attachment – Vehicle Speed Survey Sheet  
Map














**STREET NAME: GRANT LINE ROAD**

FROM: SR99  
TO: WATERMAN ROAD

**LEGENDS:**

-  Signalized Intersection
-  All Way Stop
-  Stop Sign (2-Way)
-  Stop Sign (1-way)
-  Speed Hump
-  Traffic Circle
-  R2-1 Speed Limit Sign

**RADAR SPEED SURVEY**

Critical Speed (85th Percentile)	56 MPH
Average Speed	50.8 MPH
10 mph Pace	45 MPH - 54 MPH
Percent in Pace	68.3%

**COLLISION RATE**

04/30/2021 - 04/29/2023	0.64 COLL/MVM
-------------------------	------------------

**AVERAGE DAILY TRAFFIC**

9/13/2019	28,691 VPD
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**ROADSIDE CONDITIONS**

**PREDOMINANT LAND USE**

Single Family Residential	
Multi Family Residential	
Commercial	X
Industrial	X
Office	
School	
Place of Worship	
Park	

**ROADWAY GEOMETRY**

Segment Length	4,365 FT
Roadway Width	72-122 FT
Number of Lanes	4-6
Bike Lane	YES
Median	YES

**PROPOSED  
SPEED LIMIT**

**50  
MPH**

Date Ordinance  
Adopted

Date Speed Limit  
Posted

**EXPIRATION DATE**

**03/17/30**

**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION:** GRANT LINE RD

**SURVEY DATE:** 3/17/2023

**LIMITS:** SR 99 TO WATERMAN RD

**TIME:** 9:15AM - 10:30AM

VEHICLE SPEED (MPH)	TOTAL VEHICLE	POSTED SPEED LIMIT:	55	WEATHER:	DRY/CLEAR	OBSERVER:	ABRA RATTANASAMAY
69							
68							
67							
66							
65	1						
64							
63	2						
62	3						
61							
60							
59	3						
58	2						
57	4						
56	4						
55	2						
54	7						
53	9						
52	9						
51	7						
50	5						
49	5						
48	9						
47	7						
46	4						
45	7						
44	3						
43	4						
42	1						
41	1						
40							
39							
38	1						
37	1						
36							
35							
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23							
22							
21							
20							
<b>TOTAL</b>	<b>101</b>						

<b>85th PERCENTILE</b>	<b>56 MPH</b>	<b>AVERAGE SPEED</b>	<b>50.8 MPH</b>
<b>10 MPH PACE SPEED</b>	<b>FROM 45 MPH</b>	<b>TO 54 MPH</b>	
<b>% UNDER PACE</b>	<b>10.9%</b>	<b>% IN PACE</b>	<b>68.3%</b>
		<b>% OVER PACE</b>	<b>20.8%</b>

<b>ROADSIDE CONDITIONS</b>	
<b>PREDOMINANT LAND USE</b>	
SINGLE FAMILY RESIDENTIAL	<input type="checkbox"/>
MULTI-FAMILY RESIDENTIAL	<input type="checkbox"/>
COMMERCIAL	<input checked="" type="checkbox"/>
OFFICE	<input type="checkbox"/>
INDUSTRIAL	<input checked="" type="checkbox"/>
SCHOOL	<input type="checkbox"/>
PARK	<input type="checkbox"/>
PLACE OF WORSHIP	<input type="checkbox"/>
<b>ON STREET PARKING</b>	
HEAVY	<input type="checkbox"/>
MODERATE	<input type="checkbox"/>
LIGHT	<input type="checkbox"/>
NO PARKING	<input checked="" type="checkbox"/>
<b>ROADWAY GEOMETRY</b>	
SEGMENT LENGTH (FEET):	4365
WIDTH (FEET)	72-122
MEDIAN:	YES
NUMBER OF LANES:	4-6
BIKE LANES	YES

<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>	4/30/2021	4/29/2023
28691	NUMBER OF COLLISIONS	11	
Date: 9/13/2019	COLLISIONS RATE (MVM)	0.64	

**COMMENTS:**  
Commerical and Industrial land use. This segment of Grant Line Road is a 4-6 lane arterial roadway and features a bike lane in both the north and south direction.





**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**

Grant Line Road From  
Bradshaw Road to City Limit S/O Equestrian Drive

**Discussion:**

Grant Line Road from Bradshaw Road to City Limit S/O Equestrian Drive is a two-lane arterial in the City of Elk Grove. The adjacent land uses are primarily residential and rural. The segment of roadway has striped travel lanes with edge lines, and narrow paved shoulders.

The road is currently posted at 55 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Grant Line Road on 3/27/2023. The 85% (prevailing) speed was measured at 60 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Grant Line Road was 0.40 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Maintain the speed limit at 55 MPH. This is based on the 60 MPH prevailing speed rounded to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
55 MPH**

**Engineering and Traffic Survey**  
Grant Line Road from Bradshaw Road to City Limit S/O Equestrian Drive

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 9/8/23

Attachment – Vehicle Speed Survey Sheet  
Map






STREET NAME: **GRANT LINE ROAD**

FROM: BRADSHAW ROAD  
TO: CITY LIMIT S/O EQUESTRIAN DRIVE

**LEGENDS:**

-  Signalized Intersection
-  All Way Stop
-  Stop Sign (2-Way)
-  Stop Sign (1-way)
-  Speed Hump
-  Traffic Circle
-  R2-1 Speed Limit Sign

**RADAR SPEED SURVEY**

Critical Speed (85th Percentile)	<b>60 MPH</b>
Average Speed	<b>55.9 MPH</b>
10 mph Pace	<b>52 MPH - 61 MPH</b>
Percent in Pace	<b>77.2%</b>

**COLLISION RATE**

04/30/2021 - 04/29/2023	<b>0.4</b> COLL/MVM
-------------------------	------------------------

**AVERAGE DAILY TRAFFIC**

5/17/2023	<b>12,487</b> VPD
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**ROADSIDE CONDITIONS**

**PREDOMINANT LAND USE**

Single Family Residential	<b>X</b>
Multi Family Residential	
Commercial	
Industrial	
Office	
School	
Place of Worship	
Park	

**ROADWAY GEOMETRY**

Segment Length	8,616 FT
Roadway Width	32 FT
Number of Lanes	2
Bike Lane	NO
Median	NO

**PROPOSED SPEED LIMIT**

**55**  
MPH

Date Ordinance Adopted

Date Speed Limit Posted

**EXPIRATION DATE**

**03/27/30**

**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION: GRANT LINE RD**

**SURVEY DATE:** 3/27/2023

**LIMITS:** BRADSHAW RD to CITY LIMIT S/O EQUESTRIAN DR

**TIME:** 1:20PM - 2:00PM

VEHICLE SPEED (MPH)	TOTAL VEHICLE
69	
68	
67	
66	1
65	2
64	2
63	5
62	1
61	2
60	7
59	2
58	9
57	15
56	8
55	6
54	13
53	11
52	5
51	1
50	5
49	1
48	1
47	4
46	
45	
44	
43	
42	
41	
40	
39	
38	
37	
36	
35	
34	
33	
32	
31	
30	
29	
28	
27	
26	
25	
24	
23	
22	
21	
20	
<b>TOTAL</b>	<b>101</b>

**POSTED SPEED LIMIT:**

55

**WEATHER:** DRY/CLEAR

**OBSERVER:** ABRA RATTANASAMAY

<b>85th PERCENTILE</b>	<b>60 MPH</b>	<b>AVERAGE SPEED</b>	<b>55.9 MPH</b>
<b>10 MPH PACE SPEED</b>	<b>FROM 52 MPH</b>	<b>TO 61 MPH</b>	
<b>% UNDER PACE</b>	<b>11.9%</b>	<b>% IN PACE</b>	<b>77.2%</b>
		<b>% OVER PACE</b>	<b>10.9%</b>

<b>ROADSIDE CONDITIONS</b>	
<b>PREDOMINANT LAND USE</b>	
SINGLE FAMILY RESIDENTIAL	<input checked="" type="checkbox"/>
MULTI-FAMILY RESIDENTIAL	<input type="checkbox"/>
COMMERCIAL	<input type="checkbox"/>
OFFICE	<input type="checkbox"/>
INDUSTRIAL	<input type="checkbox"/>
SCHOOL	<input type="checkbox"/>
PARK	<input type="checkbox"/>
PLACE OF WORSHIP	<input type="checkbox"/>
<b>ON STREET PARKING</b>	
HEAVY	<input type="checkbox"/>
MODERATE	<input type="checkbox"/>
LIGHT	<input type="checkbox"/>
NO PARKING	<input checked="" type="checkbox"/>
<b>ROADWAY GEOMETRY</b>	
SEGMENT LENGTH (FEET):	8616
WIDTH (FEET)	32
MEDIAN:	NO
NUMBER OF LANES:	2
BIKE LANES	NO

<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>	4/30/2021	4/29/2023
12,487	NUMBER OF COLLISIONS	6	
Date: 5/17/2023	COLLISIONS RATE (MVM)	0.40	

**COMMENTS:**  
Residential and Rural land use. This segment of Grant Line Road is a 2-lane arterial roadway with narrow shoulder and roadside ditch.



**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**  
Grant Line Road From  
Waterman Road to Bradshaw Road

**Discussion:**

Grant Line Road from Waterman Road to Bradshaw Road is a four-lane arterial in the City of Elk Grove. The adjacent land uses are primarily residential and industrial. The segment of roadway has striped travel lanes with edge lines, paved shoulders, and a median.

The road is currently posted at 55 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Grant Line Road on 3/17/2023. The 85% (prevailing) speed was measured at 58 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Grant Line Road was 0.41 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Maintain the speed limit at 55 MPH. This is based on the 58 MPH prevailing speed rounded up to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
55 MPH**

**Engineering and Traffic Survey**  
Grant Line Road from Waterman Road to Bradshaw Road

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 9/8/22

Attachment – Vehicle Speed Survey Sheet  
Map














**STREET NAME: GRANT LINE ROAD**

FROM: WATERMAN ROAD  
TO: BRADSHAW ROAD

**LEGENDS:**

-  Signalized Intersection
-  All Way Stop
-  Stop Sign (2-Way)
-  Stop Sign (1-way)
-  Speed Hump
-  Traffic Circle
-  R2-1 Speed Limit Sign

**RADAR SPEED SURVEY**

Critical Speed (85th Percentile)	<b>58 MPH</b>
Average Speed	<b>52 MPH</b>
10 mph Pace	<b>51 MPH - 60 MPH</b>
Percent in Pace	<b>56.0%</b>

**COLLISION RATE**

04/30/2021 - 04/29/2023	<b>0.41</b> COLL/MVM
-------------------------	-------------------------

**AVERAGE DAILY TRAFFIC**

5/17/2023	<b>19,635</b> VPD
-----------	----------------------

**ROADSIDE CONDITIONS**

**PREDOMINANT LAND USE**

Single Family Residential	<b>X</b>
Multi Family Residential	
Commercial	
Industrial	<b>X</b>
Office	
School	
Place of Worship	
Park	

**ROADWAY GEOMETRY**

Segment Length	7,198 FT
Roadway Width	72-106 FT
Number of Lanes	4
Bike Lane	NO
Median	YES

**PROPOSED SPEED LIMIT**

**55**  
MPH

Date Ordinance Adopted

Date Speed Limit Posted

**EXPIRATION DATE**

**03/17/30**

**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION:** GRANT LINE RD

**SURVEY DATE:** 3/17/2023

**LIMITS:** WATERMAN RD TO BRADSHAW ROAD

**TIME:** 10:50AM - 11:40AM

VEHICLE SPEED (MPH)	TOTAL VEHICLE	POSTED SPEED LIMIT:	55	WEATHER:	DRY/CLEAR	OBSERVER:	ABRA RATTANASAMAY / SAL																																																																																										
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<b>TOTAL</b>	<b>100</b>																																																																																																

<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>	4/30/2021	4/29/2023
19,635	NUMBER OF COLLISIONS	8	
Date: 5/17/2023	COLLISIONS RATE (MVM)	0.41	

**COMMENTS:**  
Residential and Industrial land use. This segment of Grant Line Road is a 4-lane arterial roadway and features an adjacent Class I Multi-Use Path.





**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**  
Sheldon Road From  
Bruceville Road to SR99

**Discussion:**

Sheldon Road from Bruceville Road to SR99 is a five to six lane arterial in the City of Elk Grove. The adjacent land uses are primarily commercial and residential. The road has striped travel lanes with a median, edge lines, paved shoulders, bike lanes, and attached sidewalks adjacent to the roadway.

The road is currently posted at 40 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along Sheldon Road on 8/23/2023. The 85% (prevailing) speed was measured at 49 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/29/2023 the collision rate for this segment of Sheldon Road was 0.45 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Increase the speed limit to 45 MPH. This is based on the 49 MPH prevailing speed rounded up to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
45 MPH**

**Engineering and Traffic Survey**  
Sheldon Road from Bruceville Road to SR99

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 9/8/23

Attachment – Vehicle Speed Survey Sheet  
Map





**STREET NAME: SHELDON ROAD**  
 FROM: BRUCEVILLE ROAD  
 TO: SR99

**LEGENDS:**

- Signalized Intersection
- All Way Stop
- Stop Sign (2-Way)
- Stop Sign (1-way)
- Speed Hump
- Traffic Circle
- R2-1 Speed Limit Sign

RADAR SPEED SURVEY	
Critical Speed (85th Percentile)	49 MPH
Average Speed	43.8 MPH
10 mph Pace	38 MPH - 47 MPH
Percent in Pace	79.0%

COLLISION RATE	0.45
04/30/2021 - 04/29/2023	COLL/MVM

AVERAGE DAILY TRAFFIC	27,766
9/10/2019	VPD

ROADSIDE CONDITIONS	
PREDOMINANT LAND USE	
Single Family Residential	X
Multi Family Residential	
Commercial	X
Industrial	
Office	
School	
Place of Worship	
Park	

ROADWAY GEOMETRY	
Segment Length	4,128 FT
Roadway Width	80-130 FT
Number of Lanes	VARIABLE
Bike Lane	YES
Median	YES

PROPOSED SPEED LIMIT	45 MPH
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Date Ordinance Adopted	
------------------------	--

Date Speed Limit Posted	
-------------------------	--

EXPIRATION DATE	08/23/30
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**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION:** **SHELDON RD**

**SURVEY DATE:** 8/23/2023

**LIMITS:** BRUCEVILLE RD to SR99

**TIME:** 2:05PM-2:45PM

VEHICLE SPEED (MPH)	TOTAL VEHICLE	POSTED SPEED LIMIT:
69		40
68		
67		
66		
65		
64		
63		
62		
61		
60		
59		
58		
57		
56		
55		
54	2	
53	2	
52	2	
51	3	
50	6	
49	1	
48	2	
47	9	
46	2	
45	9	
44	10	
43	5	
42	8	
41	19	
40	7	
39	6	
38	4	
37	1	
36		
35	1	
34		
33		
32	1	
31		
30		
29		
28		
27		
26		
25		
24		
23		
22		
21		
20		
<b>TOTAL</b>	<b>100</b>	

<b>WEATHER:</b> DRY/CLEAR	<b>OBSERVER:</b> SALVADOR MARTINEZ-NAVARRO
<b>85th PERCENTILE</b> 49 MPH	<b>AVERAGE SPEED</b> 43.8 MPH
<b>10 MPH PACE SPEED</b> FROM 38 MPH TO 47 MPH	
<b>% UNDER PACE</b> 3.0%	<b>% IN PACE</b> 79.0% <b>% OVER PACE</b> 18.0%

**ROADSIDE CONDITIONS**

**PREDOMINANT LAND USE**

SINGLE FAMILY RESIDENTIAL

MULTI-FAMILY RESIDENTIAL

COMMERCIAL

OFFICE

INDUSTRIAL

SCHOOL

PARK

PLACE OF WORSHIP

**ON STREET PARKING**

HEAVY

MODERATE

LIGHT

NO PARKING

**ROADWAY GEOMETRY**

SEGMENT LENGTH (FEET): 4,128

WIDTH (FEET) 80'-130'

MEDIAN: YES

NUMBER OF LANES: VARIES

BIKE LANES YES

<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>	4/30/2021	4/29/2023
27,766	NUMBER OF COLLISIONS	10	
Date: 9/10/2019	COLLISIONS RATE (MVM)	0.63	

**COMMENTS:**  
Residential and Commerical land use. This segment of Sheldon Road is a 5-lane arterial roadway with landscaped median island, and bike lanes. New Residential development on the southside of Sheldon between Bruceville Road and Lewis Stein Road



**City of Elk Grove**  
**Department of Public Works**  
**Engineering and Traffic Survey**

W. Stockton Boulevard From  
1300' S/O Laguna Grove Drive to Promenade Parkway

**Discussion:**

W. Stockton Boulevard from 1300' south of Laguna Grove Drive to Promenade Parkway is a two-lane collector in the City of Elk Grove. The adjacent land use is primarily rural. The segment of roadway features roadside ditches with narrow lanes.

The road is currently posted at 55 MPH.

Prevailing Speeds:

A radar measuring device was used to establish the free flow speed along W. Stockton Boulevard on 8/17/2023. The 85% (prevailing) speed was measured at 50 MPH.

The survey form is attached.

Collision History:

Between 4/30/2021 to 4/30/2023 the collision rate for this segment of W. Stockton Boulevard was 0.41 coll/MVM (collisions per million vehicle miles traveled). This is below the citywide average of 1.72 coll/MVM.

**Recommendation:**

Reduce the speed limit to 45 MPH. This is based on the 50 MPH prevailing speed rounded to the nearest 5 MPH increment and then applying a 5 MPH reduction per Section 22358.6 of the California Vehicle Code.

**ESTABLISHED  
SPEED LIMIT  
45 MPH**



**Engineering and Traffic Survey**

W. Stockton Boulevard from 1300' S/O Laguna Grove Drive to Promenade Parkway

**Other Agency Review:**

The Elk Grove Police Department has reviewed this recommendation.

**Preparers Signature:**

These reports, and all of the studies attached to it, were prepared by me or under my direction.

James P. Ashby, CA T.E. #3012

Date: 9/8/23

Attachment – Vehicle Speed Survey Sheet  
Map





**STREET NAME: W. STOCKTON BLVD**  
 FROM: 1300' S/O LAGUNA GROVE DRIVE  
 TO: PROMENADE PARKWAY

**LEGENDS:**

- Signalized Intersection
- All Way Stop
- Stop Sign (2-Way)
- Stop Sign (1-way)
- Speed Hump
- Traffic Circle
- R2-1 Speed Limit Sign

RADAR SPEED SURVEY	
Critical Speed (85th Percentile)	50 MPH
Average Speed	45.1 MPH
10 mph Pace	41 MPH - 50 MPH
Percent in Pace	67.6%

COLLISION RATE	
04/30/2021 - 04/29/2023	0.41 COLL/MVM

AVERAGE DAILY TRAFFIC	
8/27/2019	8,447 VPD

ROADSIDE CONDITIONS	
PREDOMINANT LAND USE	
Single Family Residential	
Multi Family Residential	
Commercial	
Industrial	
Office	
School	
Place of Worship	
Rural	X

ROADWAY GEOMETRY	
Segment Length	5,376 FT
Roadway Width	24 FT
Number of Lanes	2
Bike Lane	NO
Median	NQ

PROPOSED SPEED LIMIT	45 MPH
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Date Ordinance Adopted	
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Date Speed Limit Posted	
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EXPIRATION DATE	08/17/30
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**City of Elk Grove**  
Public Works Department  
8401 Laguna Palms Way - Elk Grove, California 95758

**Radar Speed Survey**

**SURVEY LOCATION:** W. STOCKTON BLVD

**SURVEY DATE:** 8/17/2023

**LIMITS:** 1300' S/O LAGUNA GROVE DR to PROMENADE PKWY

**TIME:** 1:50PM-2:25PM

VEHICLE SPEED (MPH)	TOTAL VEHICLE	POSTED SPEED LIMIT:	55	WEATHER:	DRY/CLEAR	OBSERVER:	SALVADOR MARTINEZ-NAVARRO
69				<b>85th PERCENTILE</b>	50 MPH	<b>AVERAGE SPEED</b>	45.1 MPH
68				<b>10 MPH PACE SPEED</b>	FROM 41 MPH	<b>TO</b>	50 MPH
67				<b>% UNDER PACE</b>	17.6%	<b>% IN PACE</b>	67.6%
66						<b>% OVER PACE</b>	14.7%
65							
64							
63							
62							
61							
60							
59							
58							
57							
56							
55							
54	5						
53							
52	5						
51	5						
50	5						
49	5						
48	9						
47	9						
46	8						
45	5						
44	9						
43	6						
42	7						
41	6						
40	4						
39	2						
38	6						
37	1						
36	2						
35	3						
34							
33							
32							
31							
30							
29							
28							
27							
26							
25							
24							
23							
22							
21							
20							
<b>TOTAL</b>	<b>102</b>						

<b>85th PERCENTILE</b>	50 MPH	<b>AVERAGE SPEED</b>	45.1 MPH
<b>10 MPH PACE SPEED</b>	FROM 41 MPH	<b>TO</b>	50 MPH
<b>% UNDER PACE</b>	17.6%	<b>% IN PACE</b>	67.6%
		<b>% OVER PACE</b>	14.7%

<b>ROADSIDE CONDITIONS</b>	
<b>PREDOMINANT LAND USE</b>	
SINGLE FAMILY RESIDENTIAL	<input type="checkbox"/>
MULTI-FAMILY RESIDENTIAL	<input type="checkbox"/>
COMMERCIAL	<input type="checkbox"/>
OFFICE	<input type="checkbox"/>
INDUSTRIAL	<input type="checkbox"/>
SCHOOL	<input type="checkbox"/>
RURAL	<input checked="" type="checkbox"/>
PLACE OF WORSHIP	<input type="checkbox"/>
<b>ON STREET PARKING</b>	
HEAVY	<input type="checkbox"/>
MODERATE	<input type="checkbox"/>
LIGHT	<input type="checkbox"/>
NO PARKING	<input checked="" type="checkbox"/>
<b>ROADWAY GEOMETRY</b>	
SEGMENT LENGTH (FEET):	6,227
WIDTH (FEET)	24'
MEDIAN:	NO
NUMBER OF LANES:	2
BIKE LANES	NO

<b>AVERAGE DAILY TRAFFIC</b>	<b>COLLISION HISTORY (2 YEARS)</b>	4/30/2021	4/29/2023
8,447	NUMBER OF COLLISIONS	3	
Date: 8/27/2019	COLLISIONS RATE (MVM)	0.41	

**COMMENTS:**  
Commercial land use. This segment of West Stockton Boulevard is a 2-lane collector roadway with roadside ditch and narrow lanes.

**CERTIFICATION**  
**ELK GROVE CITY COUNCIL ORDINANCE NO. 22-2023**

STATE OF CALIFORNIA        )  
COUNTY OF SACRAMENTO    )     ss  
CITY OF ELK GROVE         )

*I, Jason Lindgren, City Clerk of the City of Elk Grove, California, do hereby certify that the foregoing ordinance, published and posted in compliance with State law, was duly introduced on November 8, 2023, and approved, and adopted by the City Council of the City of Elk Grove at a regular meeting of said Council held on December 13, 2023, by the following vote:*

**AYES:**           **COUNCILMEMBERS:** *Singh-Allen, Brewer, Robles, Spease, Suen*

**NOES:**           **COUNCILMEMBERS:** *None*

**ABSTAIN:**       **COUNCILMEMBERS:** *None*

**ABSENT:**       **COUNCILMEMBERS:** *None*

*A summary of the ordinance was published pursuant to GC 36933(c) (1).*

  
\_\_\_\_\_  
**Jason Lindgren, City Clerk**  
**City of Elk Grove, California**