

**CITY OF SEBASTOPOL  
CITY COUNCIL  
STAFF REPORT**

Meeting Date: September 17, 2019  
To: Honorable Mayor and Honorable City Councilmembers  
From: Police Chief James Conner  
Subject: Approval of Reduction of Speed Limit for Bodega Avenue from 40 miles per hour to 35 miles pe hour based on Traffic Survey  
Recommendation: Reduce the posted speed limit on Bodega Highway west of Pleasant Hill Avenue  
Funding: Currently Budgeted:  X  Yes \_\_\_\_\_ No \_\_\_\_\_ N/A  
Net General Fund Cost: \_\_\_\_\_  
Amount: \_\_\_\_\_

**INTRODUCTION:** This item is the result of an engineering and traffic survey certified by W-Trans on August 22, 2019; the survey recommends reducing the posted speed limit on Bodega Highway, west of Pleasant Hill Avenue North to the western City limits, from 40 mph to 35 mph.

**BACKGROUND:** In response to previous requests from area residents, the City Council authorized an updated engineering and traffic survey of Bodega Highway, between Pleasant Hill Avenue North and the western City limits.

**DISCUSSION:** After the City completed changes to the intersection of Bodega Highway and Ragle Road, including physical changes and traffic regulatory and warning changes, the survey was conducted by W-Trans in August 2019. The survey takes into account collision experience, traffic volume, and the speed of vehicles currently using the roadway during the survey evaluation period. The survey determined the mean (50<sup>th</sup> percentile) speed to be 33 mph, and the critical (85<sup>th</sup> percentile) speed to be 37 mph. Those speed determinations support a reduction of the posted speed limit to 35 mph.

**RECOMMENDATION:** That the City Council reduce the posted speed limit on Bodega Highway between Pleasant Hill Avenue North and the western City limits, from the current condition of 40 mph to the survey-recommended limit of 35 mph.

**Attachment(s):**

Engineering and Traffic Survey from W-Trans, dated August 22, 2019



# City of Sebastopol Engineering and Traffic Survey

Street: Bodega Avenue From: City Limits West To: Pleasant Hill Avenue N

### Street Conditions

Posted Limit: 40 mph  
Width: 24-40 feet  
Lanes: 2  
Configuration: Undivided  
Parking: None  
Bike Facility: None  
Sidewalks: Discontinuous  
Land Use: Residential  
Character: Urban  
Terrain: Flat



### Observations and Evaluation

Volume (ADT):	11,300 vpd	Vehicles Sampled:	200
Segment Length:	0.47 miles	85th Percentile Speed:	37 mph
Collisions:	7 crashes	Mean (50th Percentile) Speed:	33 mph
Evaluation Period:	2 years	Pace:	28 to 38 mph
Collision Rate:	1.81 c/mvm (collisions per million vehicle miles)	Percent in Pace:	86.5%
Statewide Average Rate:	2.21 c/mvm		

(Additional details provided on the next sheet.)

Conditions Not Readily Apparent to the Driver:

With a critical speed of 37 mph and the recent installation of a raised median at the intersection with Ragle Road, the speed limit should be lowered to 35 mph.

### Conclusions and Recommendations

On the basis of an engineering and traffic investigation, as reported above, and in accordance with the provisions of Sections 627, 22357, 22358 and 40802 of the California Vehicle Code, a speed limit of 35 mph is hereby determined to be reasonable and appropriate for the street segment identified above.

**35 mph**

Recommended  
Speed Limit

August 22, 2019  
Date



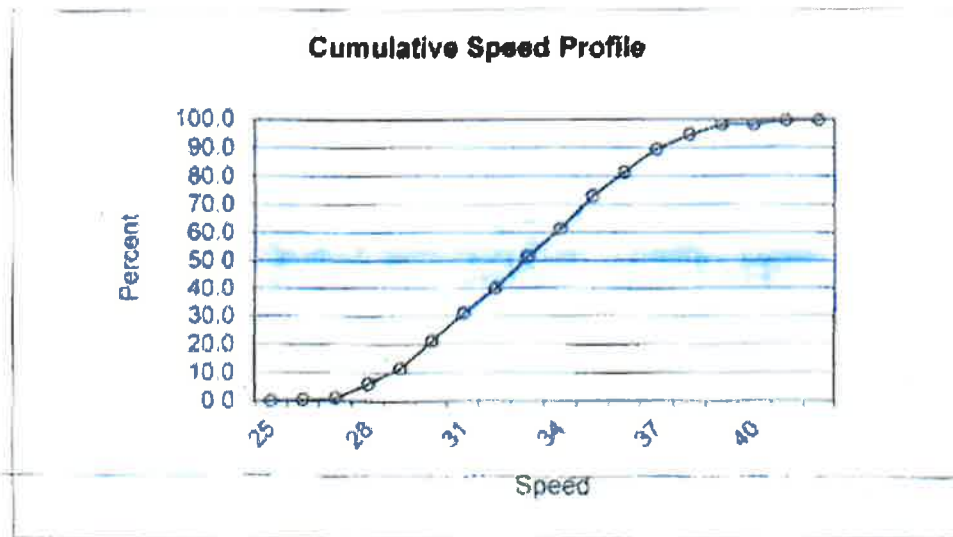
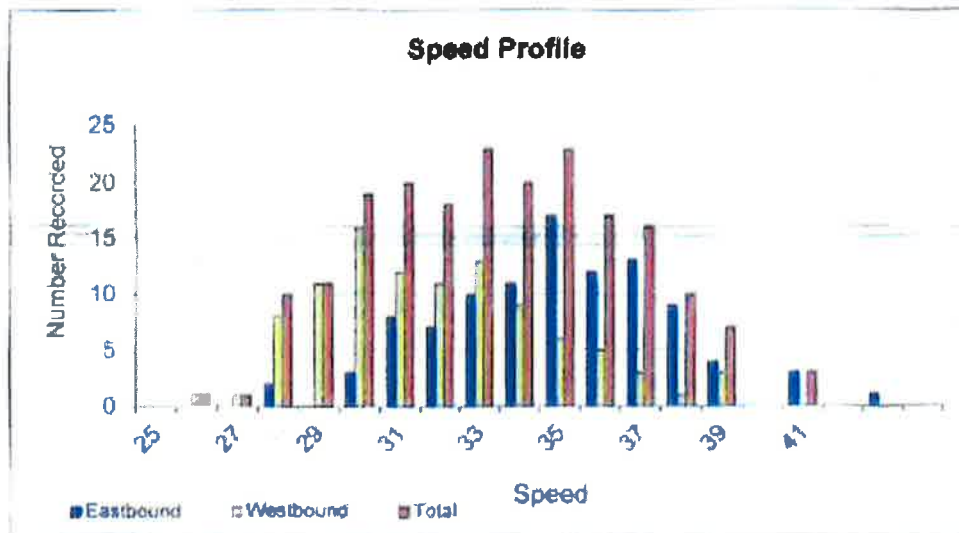
Steve Weinberger, PE, PTOE



Street: Bodega Avenue

From: City Limits West

To: Pleasant Hill Avenue N



Date Data Collected: 04/23/19  
Day of the Week: Tuesday

Start Time: 1:18 PM  
End Time: 2:18 PM

Weather: Sunny  
Recorder: KL

