



MEMORANDUM

PARKS AND PUBLIC WORKS DEPARTMENT

FROM: Jessy Pu, Town Traffic Engineer, Traffic Engineering Certificate 1581 *Jessy Pu*

SUBJECT: Engineering and Traffic Survey Update – Extension from Seven to Ten Years
Location #6 – Blossom Hill Road from Camino Del Cerro to East Town Limits

DATE: June 25, 2020

In accordance with the California Vehicle Code (CVC) Section 40802, Speed Trap, a posted speed limit must be justified with an engineering and traffic survey that is conducted within seven to ten years prior to the date of the alleged violation.

CVC 40802.(c).(2).(B).(i).

“A particular section of a highway or state highway with a prima facie speed limit that is provided by this code or by local ordinance under paragraph (1) of subdivision (b) of Section 22352, or established under Section 22354, 22357, 22358, or 22358.3, if that prima facie speed limit is not justified by an engineering and traffic survey conducted within one of the following time periods, prior to the date of the alleged violation, and enforcement of the speed limit involves the use of radar or any other electronic device that measures the speed of moving objects:

(I) Except as specified in subclause (II), seven years.

(II) If an engineering and traffic survey was conducted more than seven years prior to the date of the alleged violation, and a registered engineer evaluates the section of the highway and determines that no significant changes in roadway or traffic conditions have occurred, including, but not limited to, changes in adjoining property or land use, roadway width, or traffic volume, 10 years.”

Engineer Evaluation

There have been no major roadway improvements or modifications to this roadway section for the past seven years. The roadway configuration, land use, and traffic condition have been reviewed based on field observation and knowledge of traffic flow, roadway improvements, and land use developments. It is determined there have been no significant changes that would necessitate a new engineering and traffic survey.

It is therefore, the posted speed limits are recommended to remain 35 mph until July 9, 2023.



ENGINEERING AND TRAFFIC SURVEY

PARKS AND PUBLIC WORKS DEPARTMENT

Engineering Division

LOCATION: # 6 Blossom Hill Road from Camino Del Cerro to East Town Limits

LENGTH: 5,600 feet

WIDTH: 28 - 60 feet

TRAVEL LANES: Two lanes each direction

ADJACENT LAND USE: Residential

CRITICAL SPEED (85TH %TILE) = 41 mph EB

41 mph WB

PACE SPEEDS = 32-41 mph EB

33-42 mph WB

SURVEY DATE: 7/9/2013

TWO YEAR ACCIDENT HISTORY:

1/1/2010 to 12/31/2011 - 1 F, 9 IA, 8 NIA, 1 P, 3 B

FIELD OBSERVATION/CONDITION NOT READILY APPARENT: Segments of roadway are narrow, unimproved with horizontal and vertical curves over the hills. Pedestrian sidewalks are provided on both sides of the street east of Union Avenue and none west. Residential driveways along the unimproved roadway have restricted visibility. The roadway is frequently used by commute and recreational bicyclists.

EXISTING SPEED LIMITS: 35 mph

RECOMMENDED SPEED LIMITS: 35 mph

RECOMMENDATION: Due to the unusual conditions as described above and in compliance with CVC Sections 627, it is recommended that the existing 35 mph speed limits be retained.

LEGEND:

- F - Fatal Accident
- IA - Injury Accident
- NIA - Non Injury Accident
- P - Pedestrian Accident
- B - Bicycle Accident

- NB - Northbound
- SB - Southbound
- EB - Eastbound
- WB - Westbound

May 02, 2018

Tzching Jessy Pu, TR1581

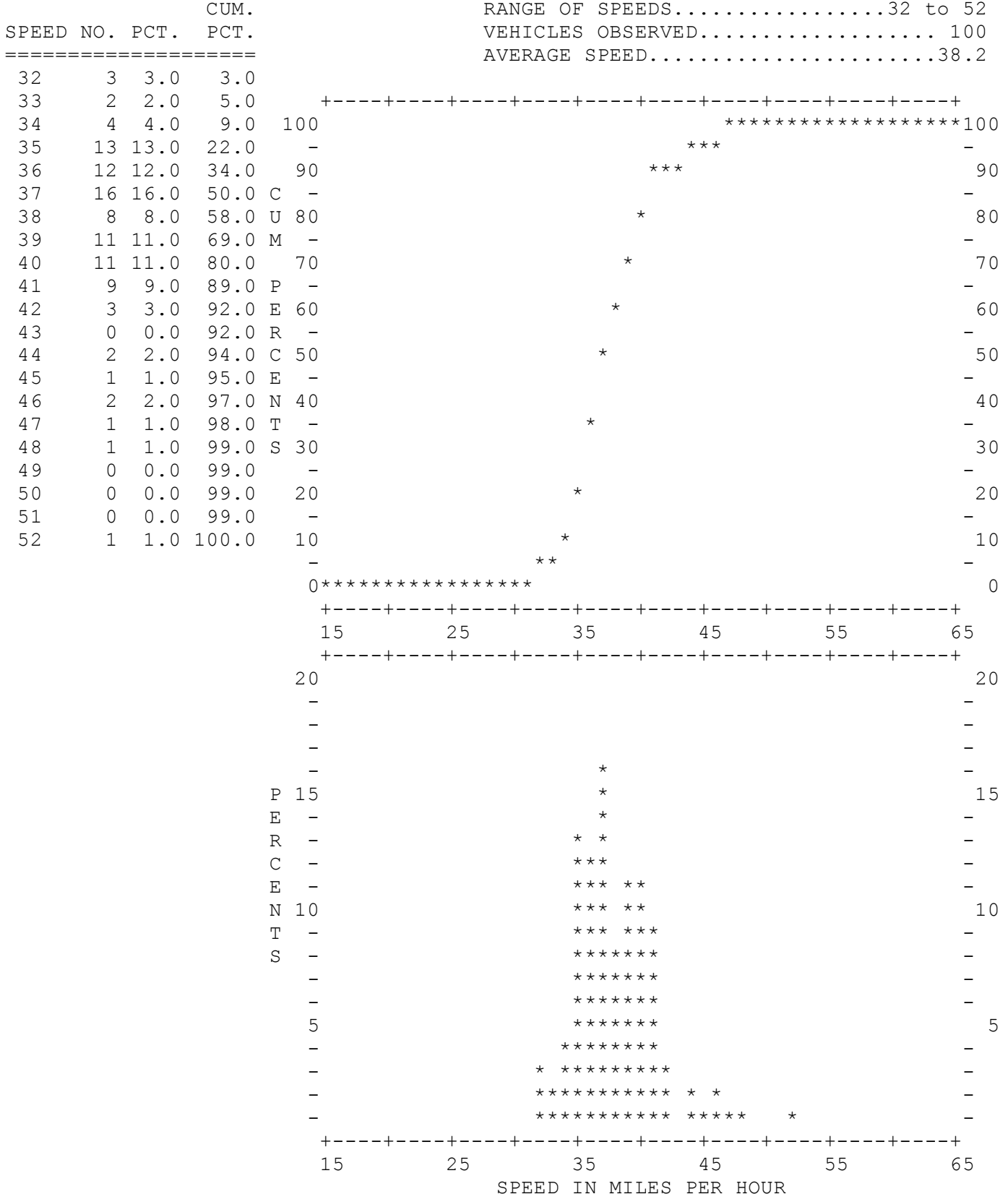
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Bather Belrose Boje, Inc. SPEEDPLOT Program

STREET..... 6 Blk. Blossom Hill Rd
 LIMITS..... Camino Del Cerro to East Town Limits

DIRECTION(S).....EB
 DATE.....7/9/13
 TIME.....12:55
 POSTED SPEED LIMIT....35

50TH PERCENTILE SPEED.....37
 85TH PERCENTILE SPEED.....41
 10 MPH PACE SPEED.....32 through 41
 PERCENT IN PACE SPEED..... 89.0
 PERCENT OVER PACE SPEED.....11.0
 PERCENT UNDER PACE SPEED..... 0.0
 RANGE OF SPEEDS.....32 to 52
 VEHICLES OBSERVED..... 100
 AVERAGE SPEED.....38.2



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STREET..... 6 Blk. Blossom Hill Rd
 LIMITS..... Camino Del Cerro to East Town Limits

DIRECTION(S).....WB
 DATE.....7/9/13
 TIME.....12:55
 POSTED SPEED LIMIT....35

50TH PERCENTILE SPEED.....38
 85TH PERCENTILE SPEED.....41
 10 MPH PACE SPEED.....33 through 42
 PERCENT IN PACE SPEED..... 87.0
 PERCENT OVER PACE SPEED..... 9.0
 PERCENT UNDER PACE SPEED..... 4.0
 RANGE OF SPEEDS.....31 to 53
 VEHICLES OBSERVED..... 100
 AVERAGE SPEED.....38.6

