



# ENGINEERING AND TRAFFIC SURVEY

PARKS AND PUBLIC WORKS DEPARTMENT  
Engineering Division

**LOCATION:** # 4A Blossom Hill Road from Los Gatos Boulevard to State Route 17

**LENGTH:** 2,500 feet

**WIDTH:** 30 - 66 feet

**TRAVEL LANES:** One lane each direction

**ADJACENT LAND USE:** Residential and Business

**CRITICAL SPEED (85TH %TILE) =** 37 mph EB

37 mph WB

**PACE SPEEDS =** 28-37 mph EB

28-37 mph WB

**SURVEY DATE:** 2/25/2020

### TWO YEAR ACCIDENT HISTORY:

**FIELD  
OBSERVATION/  
CONDITION  
NOT READILY  
APPARENT:**

This is a main route to the Oak Meadow Park, Vasona Lake County Park, Fisher Middle School and Van Meter Elementary School. The road has a sharp horizontal curve east of Hwy 17 and a narrow bridge with narrow bike lane and narrow sidewalk over Highway 17. There are frequent and daily use by pedestrians, bicyclists, and students. In 2019, the roadway was reconfigured to reduce one vehicle lane each direction and install protected bicycle lanes.

**EXISTING SPEED LIMITS:** 35 mph

**RECOMMENDED SPEED LIMITS:** 30 mph

**RECOMMENDATION:** Due to the unusual conditions as described above and in compliance with CVC Sections 627, it is recommended that the speed limits be posted at 30 mph.

### 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

June 25, 2019

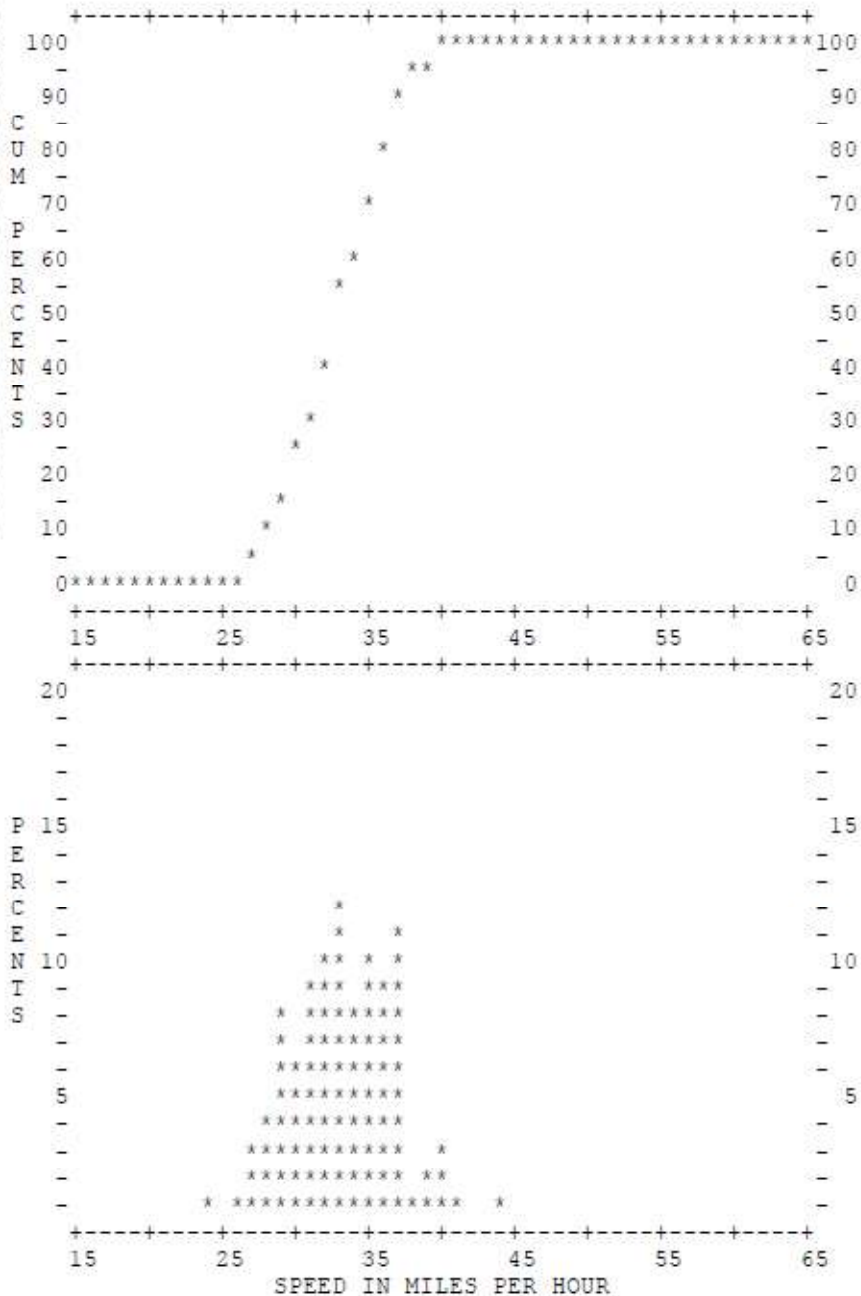
Teaching Jessy Pu, TR1581  
Licensed by the Board for Professional Engineers and Land Surveyor

Bather Belrose Boje, Inc. SPEEDPLOT Program

STREET..... 4 Blk. BLOSSOM HILL RD  
 LIMITS..... HWY 17 to LOS GATOS BLVD

DIRECTION(S).....EB                   50TH PERCENTILE SPEED.....33  
 DATE.....2-25-20                   85TH PERCENTILE SPEED.....37  
 TIME.....14:15                   10 MPH PACE SPEED.....28 through 37  
 POSTED SPEED LIMIT....35           PERCENT IN PACE SPEED..... 87.0  
   PERCENT OVER PACE SPEED..... 8.0  
   PERCENT UNDER PACE SPEED..... 5.0  
   RANGE OF SPEEDS.....24 to 44  
   VEHICLES OBSERVED..... 100  
   AVERAGE SPEED.....33.2

SPEED NO.	PCT.	CUM. PCT.
24	1	1.0
25	0	0.0
26	1	1.0
27	3	3.0
28	4	4.0
29	8	8.0
30	6	6.0
31	9	9.0
32	10	10.0
33	12	12.0
34	8	8.0
35	10	10.0
36	9	9.0
37	11	11.0
38	1	1.0
39	2	2.0
40	3	3.0
41	1	1.0
42	0	0.0
43	0	0.0
44	1	1.0



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STREET..... 4 Blk. BLOSSOM HILL RD  
 LIMITS..... HWY 17 to LOS GATOS BLVD

DIRECTION(S).....WB	50TH PERCENTILE SPEED.....33
DATE.....2-25-20	85TH PERCENTILE SPEED.....37
TIME.....14:15	10 MPH PACE SPEED.....28 through 37
POSTED SPEED LIMIT....35	PERCENT IN PACE SPEED..... 84.0
	PERCENT OVER PACE SPEED.....10.0
	PERCENT UNDER PACE SPEED..... 6.0
	RANGE OF SPEEDS.....23 to 43
	VEHICLES OBSERVED..... 100
	AVERAGE SPEED.....33.3

SPEED	NO.	PCT.	CUM. PCT.
23	1	1.0	1.0
24	0	0.0	1.0
25	0	0.0	1.0
26	1	1.0	2.0
27	4	4.0	6.0
28	3	3.0	9.0
29	4	4.0	13.0
30	5	5.0	18.0
31	14	14.0	32.0
32	10	10.0	42.0
33	11	11.0	53.0
34	12	12.0	65.0
35	9	9.0	74.0
36	6	6.0	80.0
37	10	10.0	90.0
38	2	2.0	92.0
39	4	4.0	96.0
40	2	2.0	98.0
41	0	0.0	98.0
42	1	1.0	99.0
43	1	1.0	100.0

