



ENGINEERING AND TRAFFIC SURVEY

PARKS AND PUBLIC WORKS DEPARTMENT
Engineering Division

LOCATION: # 4B Blossom Hill Road from Santa Cruz Ave/Winchester Blvd to Hwy 17

LENGTH: 2,000 feet

WIDTH: 30' - 70' feet

TRAVEL LANES: One lane each direction

ADJACENT LAND USE: Residential

CRITICAL SPEED (85TH %TILE) = 39 mph EB

37 mph WB

PACE SPEEDS = 30-39 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 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 and install buffered 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 Section 627, as well as be consistent with the posted speed limits east of Hwy 17, 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

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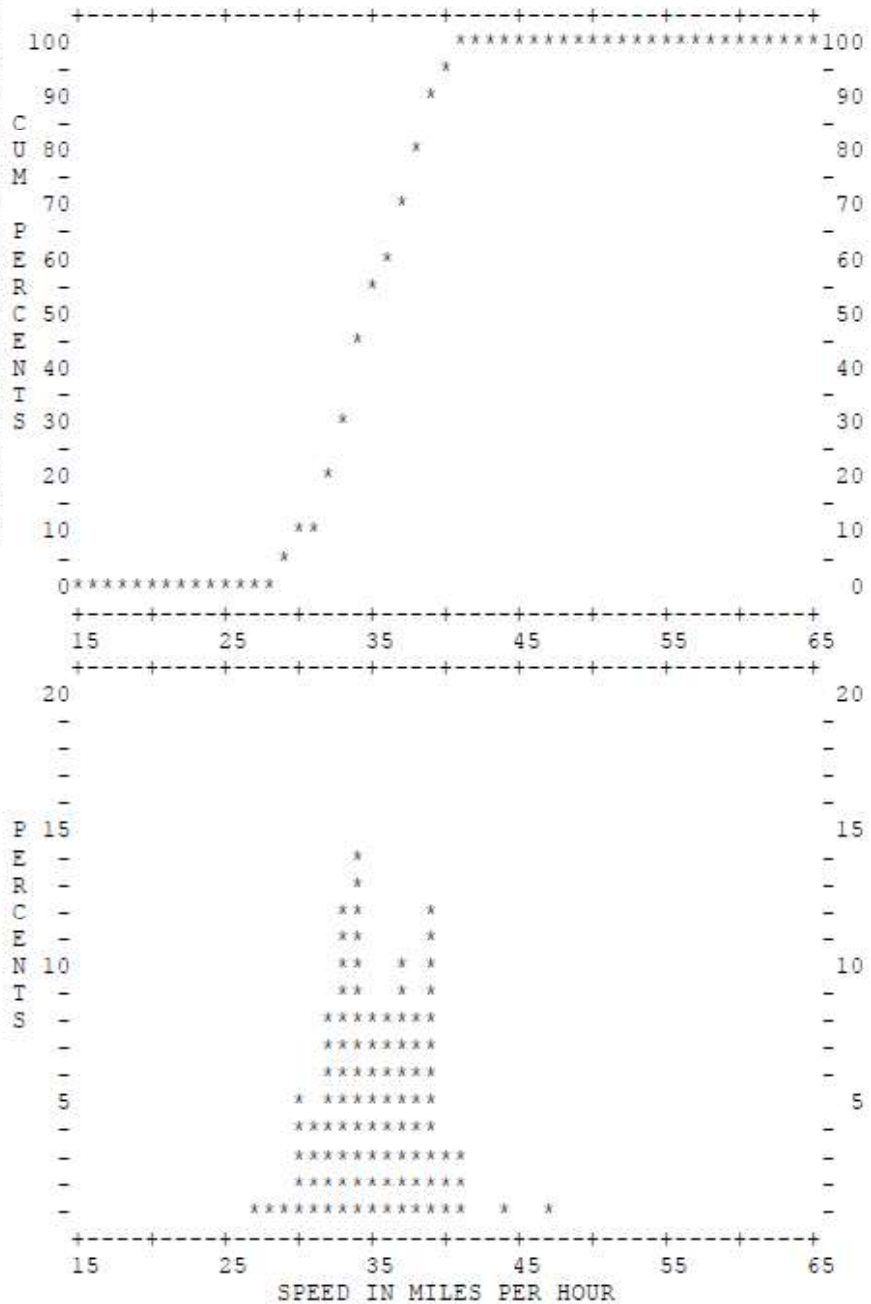
Bather Belrose Boje, Inc. SPEEDPLOT Program

STREET..... 3 Blk. BLOSSOM HILL RD
 LIMITS..... N SANTA CRUZ AVE to HWY 17

DIRECTION(S).....EB
 DATE.....2-25-20
 TIME.....13:15
 POSTED SPEED LIMIT....35

50TH PERCENTILE SPEED.....35
 85TH PERCENTILE SPEED.....39
 10 MPH PACE SPEED.....30 through 39
 PERCENT IN PACE SPEED..... 89.0
 PERCENT OVER PACE SPEED..... 8.0
 PERCENT UNDER PACE SPEED..... 3.0
 RANGE OF SPEEDS.....27 to 47
 VEHICLES OBSERVED..... 100
 AVERAGE SPEED.....35.3

SPEED NO.	PCT.	CUM. PCT.	
27	1	1.0	1.0
28	1	1.0	2.0
29	1	1.0	3.0
30	5	5.0	8.0
31	4	4.0	12.0
32	8	8.0	20.0
33	12	12.0	32.0
34	14	14.0	46.0
35	8	8.0	54.0
36	8	8.0	62.0
37	10	10.0	72.0
38	8	8.0	80.0
39	12	12.0	92.0
40	3	3.0	95.0
41	3	3.0	98.0
42	0	0.0	98.0
43	0	0.0	98.0
44	1	1.0	99.0
45	0	0.0	99.0
46	0	0.0	99.0
47	1	1.0	100.0



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STREET..... 3 Blk. BLOSSOM HILL RD
 LIMITS..... N SANTA CRUZ AVE to HWY 17

DIRECTION(S).....WB
 DATE.....2-25-20
 TIME.....13:15
 POSTED SPEED LIMIT....35

50TH PERCENTILE SPEED.....33
 85TH PERCENTILE SPEED.....37
 10 MPH PACE SPEED.....28 through 37
 PERCENT IN PACE SPEED..... 83.0
 PERCENT OVER PACE SPEED..... 9.0
 PERCENT UNDER PACE SPEED..... 8.0
 RANGE OF SPEEDS.....25 to 40
 VEHICLES OBSERVED..... 100
 AVERAGE SPEED.....32.6

SPEED NO. PCT. CUM. PCT.

SPEED NO.	PCT.	CUM. PCT.
25	4	4.0
26	2	6.0
27	2	8.0
28	6	14.0
29	6	20.0
30	9	29.0
31	11	40.0
32	7	47.0
33	8	55.0
34	13	68.0
35	10	78.0
36	6	84.0
37	7	91.0
38	5	96.0
39	3	99.0
40	1	100.0

