



File: 600.28 022
Compiled by: Patrick Day
Date: September, 2020

SPEED ZONE STUDY SUMMARY

- I. Road: McCourtney Road
From: Banner Grange Hall
To: South Ponderosa Way
- II. **Reason for Study:** Five-Year Update
- III. **Roadway Characteristics:**
- a. Width - 22-24-foot wide
 - b. Surface - Asphalt concrete
 - c. Striping - Double yellow centerline with edge line
 - d. ADT - 5,153
 - e. Length - 1.54 miles
- IV. **Roadside Characteristics:** Rural ranch properties.
- V. **Existing Speed Zone:** 35 miles per hour
- VI. **Prevailing Speed:**
- a. 10 miles per hour pace - 30-39 miles per hour
 - b. Average speed - 39 miles per hour
 - c. 85th percentile - 43 miles per hour
- VII. **Accident History:** There were a total of seven reported accidents on this segment of road during the last five years.
- VIII. **Other Factors of Significance:** None
- IX. **Is a Speed Zone Warranted:** Yes
- X. **Recommendations:** The California Manual of Uniform Traffic Control Devices indicates that when a speed limit is to be posted, it should be established at the nearest 5 mph increment of the 85th percentile speed.

Raise the existing 35 mile per hour speed limit to 40 miles per hour.

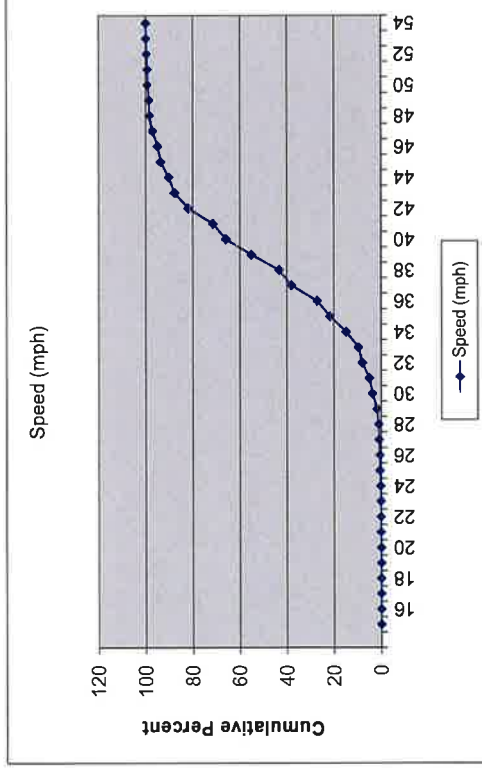
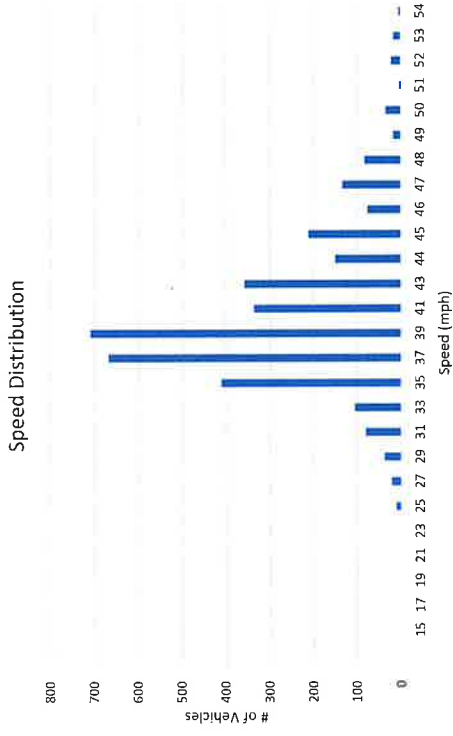
Patrick Perkins
Principal Civil Engineer

PP:pd

Road: McCourtney Rd

Segment: Banner Grange Hall to South Ponderosa Way

Speed	# of cars	Cumulative	Avg speed calc	Pace calc
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	1	0	18	18
19	0	0	0	0
20	0	0	0	0
21	1	0	21	21
22	2	0	44	44
23	0	0	0	0
24	11	0	264	15
25	12	0	300	27
26	6	1	156	33
27	22	1	594	55
28	10	1	280	64
29	38	2	1102	102
30	121	4	3630	223
31	81	5	2511	303
32	178	8	5696	479
33	106	10	3498	585
34	316	15	10744	890
35	410	22	14350	1288
36	336	27	12096	1618
37	668	38	24716	2264
38	313	43	11894	2567
39	709	55	27651	3238
40	654	66	26160	3771
41	336	71	13776	4026
42	633	82	26586	4481
43	358	88	15394	4733
44	150	90	6600	4567
45	211	93	9495	4368
46	76	95	3496	4108
47	133	97	6251	3573
48	83	98	3984	3343
49	18	99	882	2652
50	35	99	1750	2033
51	6	99	306	1703
52	22	100	1144	1092
53	17	100	901	751
54	5	100	270	606
55	2	100	110	397
Total	6080		236670	



	Previous	Current
Average Speed	35	39
85th Percentile	37	42.534
Pace	31-40	30-39
# of cars		43

Posted Speed: 35
 AC Width: 22-24
 Weather: Sunny
 Location of Survey: 12895 McCourtney Rd
 Date: 9/4/2020 to 9/6/2020
 Observer: Pat Day