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Compiled by: Patrick Day
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SPEED ZONE STUDY SUMMARY

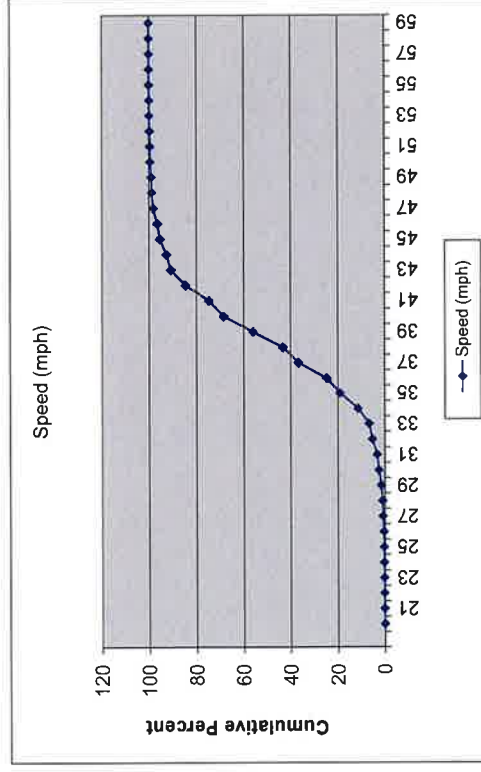
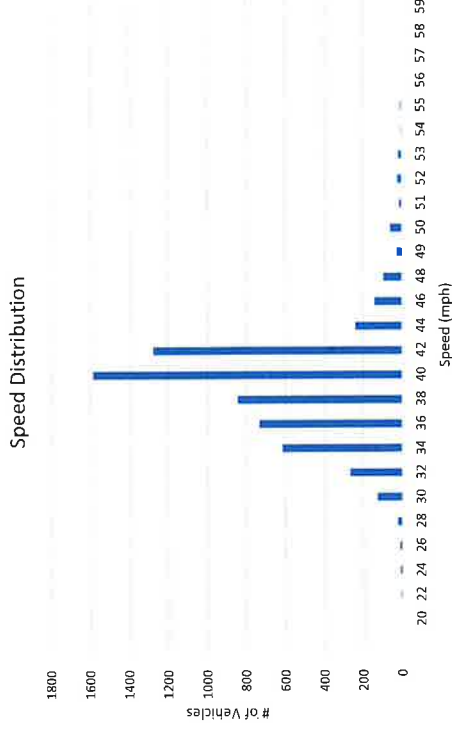
- I. Road: McCourtney Road
From: Wolf Mountain Road
To: Indian Springs Road
- II. Reason for Study: Five-Year Update
- III. Roadway Characteristics:
- a. Width - 22-23-feet wide
 - b. Surface - Asphalt concrete
 - c. Striping - Double yellow centerline with edge line
 - d. ADT - 3,309
 - e. Length - 2.0 miles
- IV. Roadside Characteristics: Rural ranch properties.
- V. Existing Speed Zone: 40 miles per hour
- VI. Prevailing Speed:
- a. 10 miles per hour pace - 34-43 miles per hour
 - b. Average speed - 39 miles per hour
 - c. 85th percentile - 42 miles per hour
- VII. Accident History: There were a total of two 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.

Retain the existing 40 mile per hour speed limit.

Patrick Perkins
Principal Civil Engineer

Road: McCourtney Rd Segment: Wolf Mountain Rd to Indian Springs Rd

Speed	# of cars	Cumulative	Avg speed calc	Pace calc
20	0	0	0	0
21	7	0	147	
22	7	0	154	
23	3	0	69	
24	10	0	240	
25	17	0	425	
26	11	0	286	
27	33	1	891	
28	23	1	644	
29	76	1	2204	187
30	129	2	3870	316
31	101	3	3131	410
32	266	5	8512	669
33	177	7	5841	843
34	615	11	20910	1448
35	988	19	34580	2419
36	734	25	26424	3142
37	1539	37	56943	4648
38	844	43	32072	5469
39	1625	56	63375	7018
40	1587	68	63480	8476
41	797	75	32677	9172
42	1277	84	53634	10183
43	786	91	33798	10792
44	239	92	10516	10416
45	354	95	15930	9782
46	143	96	6578	9191
47	221	98	10387	7873
48	96	99	4608	7125
49	29	99	1421	5529
50	60	100	3000	4002
51	12	100	612	3217
52	21	100	1092	1961
53	17	100	901	1192
54	5	100	270	958
55	6	100	330	610
56	3	100	168	470
57	4	100	228	255
58	2	100	116	159
59	1	100	59	131
60	2	100	120	73
Total	12867		500643	



	Previous	Current
Average Speed	38	39
85th Percentile	38	42.1
Pace	34-43	30-39
		# of cars
		42

Date: 9/14/2020 to 9/20/2020

Posted Speed: 40

AC Width: 22-23

Weather: Sunny

Location of Survey:

Observer: Pat Day