



File: 600.33 037
Data collected by: Borchert
Summary prepared by: Hankins
Date: April 2018

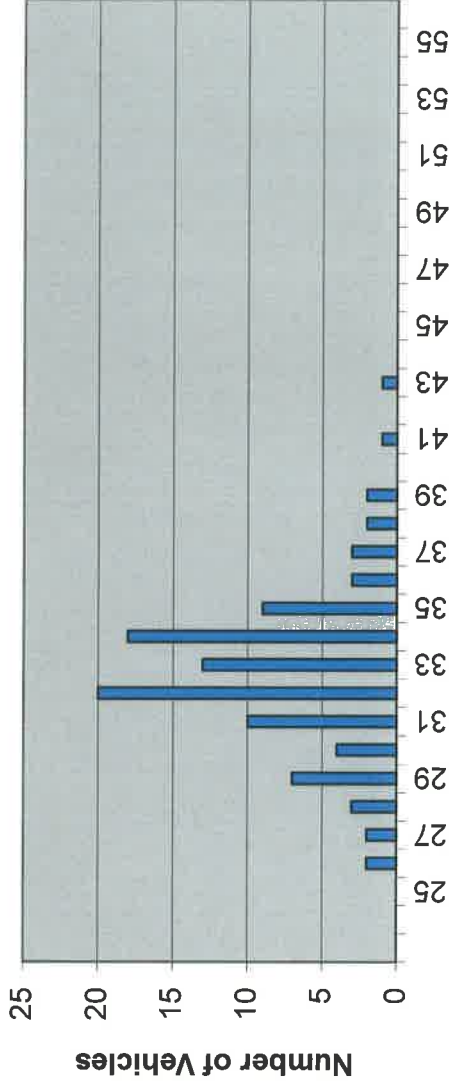
SPEED ZONE STUDY SUMMARY

- I. **Road:** Rough and Ready Highway
From: Rex Reservoir
To: Valley Drive
- II. **Reason for Study:** Resident request
- III. **Roadway Characteristics:**
- a. Width - 28 to 30 feet
 - b. Surface - Asphaltic concrete
 - c. Striping - Double yellow centerline with white edge line
 - d. ADT - 4,048
 - e. Length - 1.4 miles
- IV. **Roadside Characteristics:** Rural residential
- V. **Existing Speed Zone:** N/A
- VI. **Prevailing Speed:**
- a. 10 miles per hour pace - 30-39 miles per hour
 - b. Average speed - 35 miles per hour
 - c. 85th percentile - 37 miles per hour
- VII. **Accident History:** There have been 17 reported accidents in the past five years.
- VIII. **Other Factors of Significance:** None
- IX. **Is a Speed Zone Warranted:** Yes
- X. **Recommendations:** Establish a 35 mile per hour speed limit.

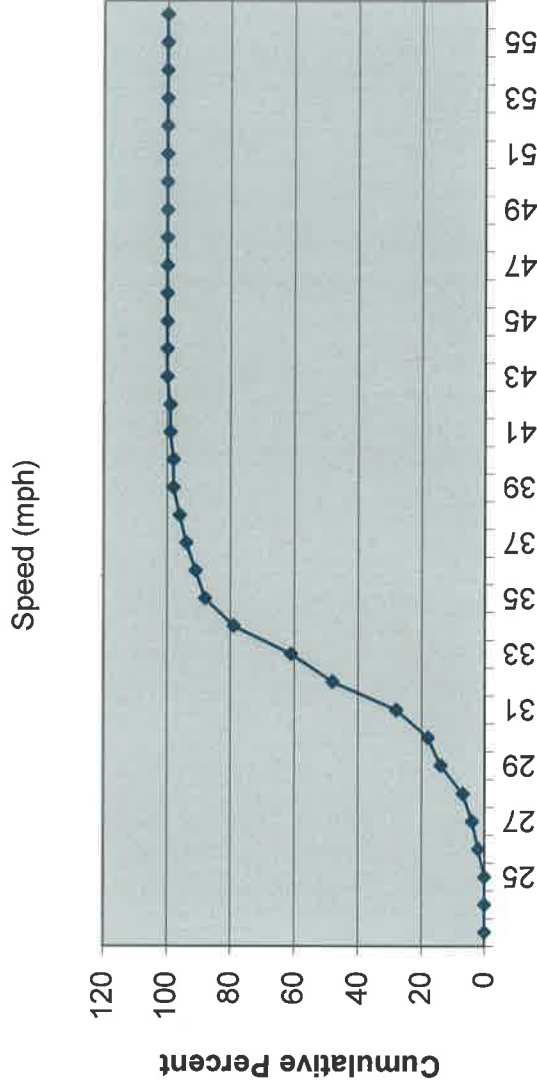
Joshua Pack
Principal Civil Engineer

Speed	# of cars	Cumulative %	Avg Speed Calc	Pace Calc
25	0	0	0	0
26	0	0	0	0
27	0	0	0	0
28	2	2	56	
29	2	4	58	
30	3	7	90	
31	7	14	217	
32	4	18	128	
33	10	28	330	
34	20	48	680	48
35	13	61	455	61
36	18	79	648	79
37	9	88	333	88
38	3	91	114	89
39	3	94	117	90
40	2	96	80	89
41	2	98	82	84
42	0	98	0	80
43	1	99	43	71
44	0	99	0	51
45	1	100	45	39
46	0	100	0	21
47	0	100	0	12
48	0	100	0	9
49	0	100	0	6
50	0	100	0	4
51	0	100	0	2
52	0	100	0	2
53	0	100	0	1
54	0	100	0	1
55	0	100	0	0
56	0	100	0	0
57	0	100	0	0
58	0	100	0	0
Total	100		3476	
		avg= 35	34.76	
		85th= 37		
		Pace= 30-39		90.00%

Speed (mph)



Speed (mph)



Date: 4/1/2018
Time: 1:01-1:56
Observer: Borchert

Posted Speed: Not Posted
Direction: North-South
AC Width: 28-30
Weather: Partly Cloudy
Location of Survey: Near mid-point



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SPEED ZONE STUDY SUMMARY

- I. **Road:** Rough and Ready Highway
From: Valley Drive
To: State Route 20
- II. **Reason for Study:** Resident request
- III. **Roadway Characteristics:**
- a. Width - 28 to 32 feet
 - b. Surface - Asphaltic concrete
 - c. Striping - Double yellow centerline with white edge line
 - d. ADT - 4,048
 - e. Length - 0.7 miles
- IV. **Roadside Characteristics:** Rural residential and agricultural with limited commercial
- V. **Existing Speed Zone:** N/A
- VI. **Prevailing Speed:**
- a. 10 miles per hour pace - 37-46 miles per hour
 - b. Average speed - 43 miles per hour
 - c. 85th percentile - 47 miles per hour
- VII. **Accident History:** There have been three reported accidents in the past five years.
- VIII. **Other Factors of Significance:** None
- IX. **Is a Speed Zone Warranted:** Yes
- X. **Recommendations:** Establish a 45 mile per hour speed limit.

Joshua Pack
Principal Civil Engineer

Speed	# of cars	Cumulative %	Avg Speed Calc	Pace Calc	Road: Rough and Ready Highway	Segment: Valley Drive to HWY 20
25	0	0	0			
26	0	0	0			
27	0	0	0			
28	0	0	0			
29	0	0	0			
30	0	0	0			
31	0	0	0			
32	0	0	0			
33	2	2	66	3		
34	1	3	34	3		
35	0	3	0	3		
36	3	6	108	6		
37	3	9	111	9		
38	4	13	152	13		
39	5	18	195	18		
40	7	25	280	25		
41	5	30	205	30		
42	10	40	420	40		
43	8	48	344	46		
44	10	58	440	55		
45	13	71	585	68		
46	14	85	644	79		
47	2	87	94	78		
48	3	90	144	77		
49	2	92	98	74		
50	2	94	100	69		
51	2	96	102	66		
52	0	96	0	56		
53	3	99	159	51		
54	1	100	54	42		
55	0	100	0	29		
56	0	100	0	15		
57	0	100	0	13		
58	0	100	0	10		
Total	100		4335			
		avg= 43	43.35			
		85th= 47				
		Pace= 37.46		79.00%		
Posted Speed: Not Posted					Date: 4/5/2018	
Direction: North-South					Time: 1:14-1:58	
AC Width: 28-32					Observer: Borchert	
Weather: Partly Cloudy						
Location of Survey: Near mid-point						

