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Compiled by: Patrick Day
Date: September, 2020

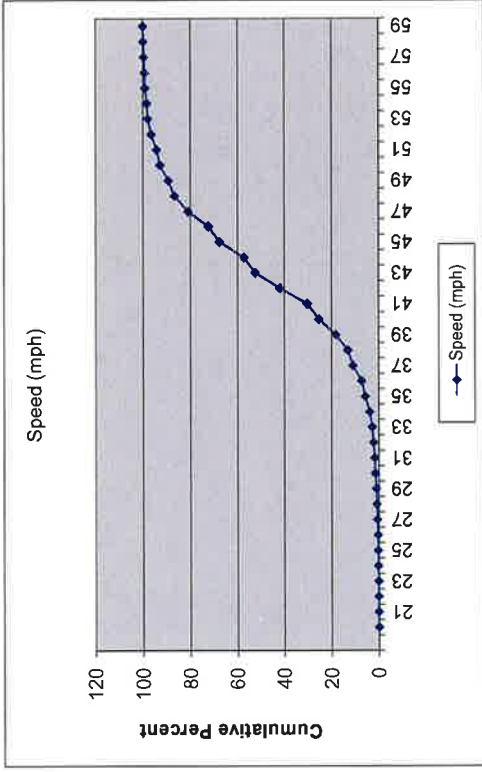
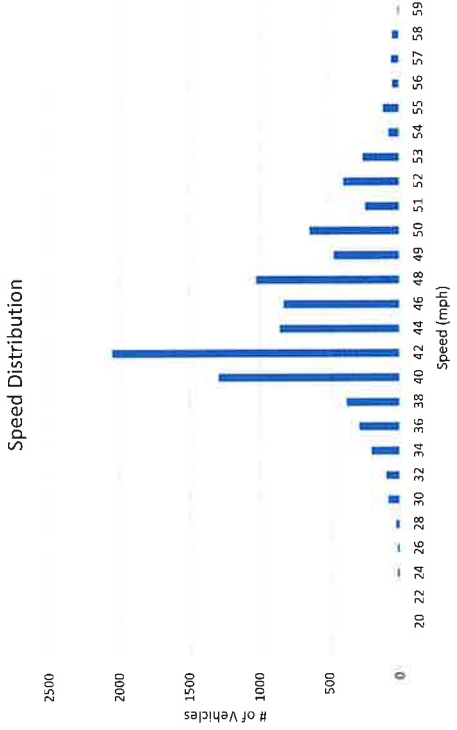
SPEED ZONE STUDY SUMMARY

- I. Road McCourtney Road
From Auburn Road
To Banner Grange Hall
- II. **Reason for Study:** Five-Year Update
- III. **Roadway Characteristics:**
- a. Width - 24 to 25 feet wide
 - b. Surface - Asphaltic Concrete
 - c. Striping - Double yellow with edgeline
 - d. ADT - 6,015
 - e. Length - 1.25 miles
- IV. **Roadside Characteristics:** Scattered residences.
- V. **Existing Speed Zone:** 40 miles per hour
- VI. **Prevailing Speed:**
- a. 10 miles per hour pace - 40 - 49 miles per hour
 - b. Average speed - 43 miles per hour
 - c. 85th percentile - 48 miles per hour
- VIII. **Accident History:**
- There were eleven reported accidents in the past five years.
- VIII. **Other Factors of Significance:** None.
- IX. **Is a Speed Zone Warranted:** Yes
- IX. **Findings:** Raise the existing 40 mile per hour speed limit to 45 miles per hour.

Patrick Perkins
Principal Civil Engineer

Road: McCourtney Rd Segment: Auburn Rd to Banner Grange

Speed	# of cars	Cumulative	Avg speed calc	Pace calc
20	0	0	0	0
21	5	0	105	
22	4	0	88	
23	8	0	184	
24	16	0	384	
25	22	0	550	
26	17	0	442	
27	37	1	999	
28	28	1	784	
29	45	1	1305	182
30	82	1	2460	264
31	49	2	1519	308
32	96	2	3072	400
33	86	3	2838	478
34	202	4	6868	664
35	329	6	11515	971
36	288	7	10368	1242
37	656	11	24272	1861
38	379	13	14402	2212
39	902	18	35178	3069
40	1292	26	51680	4279
41	847	30	34727	5077
42	2049	42	86058	7030
43	1880	52	80840	8824
44	855	57	37620	9477
45	1834	67	82530	10982
46	826	72	37996	11520
47	1579	81	74213	12443
48	1022	87	49056	13086
49	466	89	22834	12650
50	641	93	32050	11999
51	244	94	12444	11396
52	399	97	20748	9746
53	261	98	13833	8127
54	75	98	4050	7347
55	114	99	6270	5627
56	47	99	2632	4848
57	55	100	3135	3324
58	48	100	2784	2350
59	10	100	590	1894
60	12	100	720	1265
Total		17807		774143



	Previous	Current
Average Speed	38	43
85th Percentile	40	47.69
Pace	33-42	40-49
		# of cars
		48

Posted Speed: 40
 AC Width: 24-25
 Weather: Sunny
 Location of Survey: 12338 McCourtney Rd
 Date: 8/31/2020 to 9/4/2020
 Observer: Pat Day