

Appendix A-7

Spot Speed Surveys



Speed Survey



Summary

Survey ID: 3423	Location: RICHARDSON SIDE RD	WILLIAM MOONEY RD	DAVID MANCHESTER RD	WC
IMM. EAST OF DAVID MANCHESTER AT HWY-417 OVERPASS.				
Date: Tuesday, February 14, 2006	Road surface: Asphalt		Speed Limit: 80	
Time: 14:30 - 15:00	Road condition: Dry			
Surveyor: Mousseau, Jerry	Weather: Cloudy			
Comments:				

Legend: A/LT = Auto/Light Truck, HT = Heavy Truck, B = Bus, SB = School Bus

EASTBOUND						WESTBOUND						COMBINED
Speed	A/LT	HT	B	SB	Total	Speed	A/LT	HT	B	SB	Total	Total
120.5	0	0	0	0	0	120.5	1	0	0	0	1	1
118.5	0	0	0	0	0	118.5	0	0	0	0	0	0
116.5	0	0	0	0	0	116.5	0	0	0	0	0	0
114.5	0	0	0	0	0	114.5	0	0	0	0	0	0
112.5	0	0	0	0	0	112.5	0	0	0	0	0	0
110.5	0	0	0	0	0	110.5	1	0	0	0	1	1
108.5	0	0	0	0	0	108.5	0	0	0	0	0	0
106.5	0	0	0	0	0	106.5	0	0	0	0	0	0
104.5	0	0	0	0	0	104.5	1	0	0	0	1	1
102.5	1	0	0	0	1	102.5	0	0	0	0	0	1
100.5	1	0	0	0	1	100.5	0	0	0	0	0	1
98.5	0	0	0	0	0	98.5	0	0	0	0	0	0
96.5	1	0	0	0	1	96.5	2	0	0	0	2	3
94.5	0	0	0	0	0	94.5	2	0	0	0	2	2
92.5	2	0	0	0	2	92.5	1	0	0	0	1	3
90.5	1	0	0	0	1	90.5	2	0	0	0	2	3
88.5	0	0	0	0	0	88.5	1	0	0	0	1	1
86.5	1	0	0	0	1	86.5	2	0	0	0	2	3
84.5	1	0	0	0	1	84.5	4	0	0	0	4	5
82.5	2	0	0	0	2	82.5	7	1	0	0	8	10
80.5	4	1	0	0	5	80.5	5	0	0	0	5	10
78.5	0	0	0	0	0	78.5	2	0	0	0	2	2
76.5	1	0	0	0	1	76.5	2	0	0	0	2	3
74.5	1	0	0	0	1	74.5	2	0	0	1	3	4
72.5	0	0	0	0	0	72.5	0	0	0	0	0	0
70.5	0	0	0	0	0	70.5	2	0	0	1	3	3
68.5	1	0	0	0	1	68.5	1	0	0	1	2	3
66.5	1	0	0	0	1	66.5	0	0	0	0	0	1
64.5	1	0	0	0	1	64.5	1	0	0	0	1	2
Total:	19	1	0	0	20	Total:	39	1	0	3	43	63

ALL VEHICLES

	Eastbound	Westbound	Combined
Average:	83 km/h	84 km/h	84 km/h
Standard Deviation:	10 km/h	11 km/h	11 km/h
85th percentile:	94 ± 6 Km/h	95 ± 4 Km/h	95 ± 3 Km/h
95th percentile:	101 ± 6 Km/h	102 ± 4 Km/h	102 ± 3 Km/h
Upper 15K:	92 km/h	84 km/h	90 km/h
Compliance:	38 %	36 %	37 %

HEAVY VEHICLES

Combined	Total heavy vehicles: 5
75 Km/h	
6 Km/h	
82 ± 7 Km/h	Note: Insufficient heavy vehicle volume data for valid statistical results.
70%	

Speed Survey



Summary

Survey ID: 4837	Location: RICHARDSON SIDE RD 2495 Richardson Sd Rd	WILLIAM MOONEY RD	DAVID MANCHESTER RD	WC
Date: Friday, June 05, 2009	Road surface: Asphalt	Speed Limit:		
Time: 08:30 - 09:30	Road condition: Dry			
Surveyor: Mohr, Kerry-Lynn	Weather: Clear			
Comments:				

Legend: A/LT = Auto/Light Truck, HT = Heavy Truck, B = Bus, SB = School Bus

EASTBOUND							WESTBOUND							COMBINED	
Speed	A/LT	HT	B	SB	Total		Speed	A/LT	HT	B	SB	Total		Total	
120.5	1	0	0	0	1		120.5	0	0	0	0	0		1	
118.5	0	0	0	0	0		118.5	0	0	0	0	0		0	
116.5	0	0	0	0	0		116.5	0	0	0	0	0		0	
114.5	0	0	0	0	0		114.5	0	0	0	0	0		0	
112.5	0	0	0	0	0		112.5	0	0	0	0	0		0	
110.5	1	0	0	0	1		110.5	0	0	0	0	0		1	
108.5	1	0	0	0	1		108.5	0	0	0	0	0		1	
106.5	1	0	0	0	1		106.5	1	0	0	0	1		2	
104.5	1	0	0	0	1		104.5	0	0	0	0	0		1	
102.5	4	0	0	0	4		102.5	2	0	0	0	2		6	
100.5	4	0	0	0	4		100.5	0	0	0	0	0		4	
98.5	2	0	0	0	2		98.5	0	0	0	0	0		2	
96.5	7	0	0	0	7		96.5	2	0	0	1	3		10	
94.5	6	0	0	0	6		94.5	0	0	0	0	0		6	
92.5	6	0	0	0	6		92.5	3	0	0	0	3		11	
90.5	7	0	0	0	7		90.5	3	0	0	0	3		10	
88.5	7	0	0	0	7		88.5	1	0	0	0	1		8	
86.5	6	0	0	1	7		86.5	4	0	0	0	4		11	
84.5	6	0	0	0	6		84.5	6	0	0	0	6		12	
82.5	5	0	0	0	5		82.5	3	0	0	0	3		8	
80.5	3	0	0	0	3		80.5	4	0	0	0	4		7	
78.5	2	0	0	0	2		78.5	2	0	0	0	2		4	
76.5	3	0	0	0	3		76.5	2	0	0	1	3		6	
74.5	0	0	0	0	0		74.5	1	0	0	0	1		1	
72.5	1	0	0	0	1		72.5	2	1	0	0	3		4	
70.5	0	0	0	0	0		70.5	0	0	0	0	0		0	
68.5	2	0	0	0	2		68.5	0	0	0	0	0		2	
66.5	1	0	0	0	1		66.5	0	0	0	0	0		1	
64.5	0	0	0	0	0		64.5	0	0	0	0	0		0	
62.5	0	0	0	0	0		62.5	1	0	0	0	1		1	
60.5	0	0	0	0	0		60.5	1	0	0	0	1		1	
58.5	0	0	0	0	0		58.5	0	0	0	0	0		0	
56.5	0	0	0	0	0		56.5	0	0	0	0	0		0	
54.5	0	0	0	0	0		54.5	1	0	0	0	1		1	
Total:	79	0	0	1	80		Total:	39	1	0	2	42		122	

ALL VEHICLES

	Eastbound	Westbound	Combined
Average:	90 km/h	84 km/h	88 km/h
Standard Deviation:	10 km/h	11 km/h	10 km/h
85th percentile:	100 ± 3 Km/h	95 ± 4 Km/h	99 ± 2 Km/h
95th percentile:	106 ± 3 Km/h	102 ± 4 Km/h	105 ± 2 Km/h
Upper 15K:	96 km/h	92 km/h	96 km/h
Compliance:	13 %	33 %	20 %

HEAVY VEHICLES

Combined	Total heavy vehicles: 4
83 Km/h	
11 Km/h	
94 ± 13 Km/h	
50%	

Note: Insufficient heavy vehicle volume data for valid statistical results.

Speed Survey Summary



Survey ID: 4648	Location: WILLIAM MOONEY RD At house # 1032.	MC GEE SIDE RD	COVERED BRIDGE WAY	WC
Date: Monday, March 02, 2009	Road surface: Asphalt	Speed Limit: 		
Time: 07:00 - 09:00	Road condition: Dry			
Surveyor: Mousseau, Jerry	Weather: Clear			
Comments: Insufficient volume for proper speed survey.				

Legend: A/LT = Auto/Light Truck, HT = Heavy Truck, B = Bus, SB = School Bus

NORTHBOUND							SOUTHBOUND							COMBINED	
Speed	A/LT	HT	B	SB	Total		Speed	A/LT	HT	B	SB	Total		Total	
98.5	0	0	0	0	0		98.5	1	0	0	0	1		1	
96.5	0	0	0	0	0		96.5	0	0	0	0	0		0	
94.5	0	0	0	0	0		94.5	0	0	0	0	0		0	
92.5	0	0	0	0	0		92.5	1	0	0	0	1		1	
90.5	0	0	0	0	0		90.5	0	0	0	0	0		0	
88.5	0	0	0	0	0		88.5	0	0	0	0	0		0	
86.5	0	0	0	0	0		86.5	0	0	0	0	0		0	
84.5	1	0	0	0	1		84.5	0	0	0	0	0		1	
82.5	1	0	0	0	1		82.5	0	0	0	0	0		1	
80.5	0	0	0	0	0		80.5	0	0	0	0	0		0	
78.5	0	0	0	0	0		78.5	0	0	0	0	0		0	
76.5	1	0	0	0	1		76.5	1	0	0	0	1		2	
74.5	0	0	0	0	0		74.5	1	0	0	0	1		1	
72.5	4	0	0	0	4		72.5	2	0	0	0	2		6	
70.5	1	0	0	0	1		70.5	5	0	0	1	6		7	
68.5	1	0	0	0	1		68.5	1	0	0	0	1		2	
66.5	0	0	0	0	0		66.5	1	0	0	0	1		1	
64.5	0	0	0	0	0		64.5	0	0	0	0	0		0	
62.5	0	0	0	0	0		62.5	1	0	0	0	1		1	
60.5	1	0	0	1	2		60.5	1	0	0	0	1		3	
58.5	0	0	0	0	0		58.5	0	0	0	0	0		0	
56.5	0	0	0	0	0		56.5	1	0	0	0	1		1	
Total:	10	0	0	1	11		Total:	16	0	0	1	17		28	

ALL VEHICLES

	NorthBound	SouthBound	Combined
Average:	72 km/h	72 km/h	72 km/h
Standard Deviation:	8 km/h	10 km/h	9 km/h
85th percentile:	80 ± 6 Km/h	83 ± 6 Km/h	82 ± 4 Km/h
95th percentile:	85 ± 6 Km/h	89 ± 6 Km/h	87 ± 4 Km/h
Upper 15K:	76 km/h	76 km/h	76 km/h
Compliance:	82 %	88 %	86 %

HEAVY VEHICLES

Combined

66 Km/h

7 Km/h

73 ± 13 Km/h

100%

Total heavy vehicles: 2

Note: Insufficient heavy vehicle volume data for valid statistical results.

Speed Survey



Summary

Survey ID: 1999	Location: WILLIAM MOONEY RD 100 METRES SOUTH OF WILBERT COX DR.	WILBERT COX DR	RICHARDSON SIDE RD	WC
Date: Monday, August 26, 2002	Road surface: Asphalt	Speed Limit: 		
Time: 06:15 - 08:00	Road condition: Dry			
Surveyor: Mousseau, Jerry	Weather: Clear			
Comments: INSUFFICIENT VOLUME DURING SURVEY.				

Legend: A/LT = Auto/Light Truck, HT = Heavy Truck, B = Bus, SB = School Bus

NORTHBOUND							SOUTHBOUND							COMBINED	
Speed	A/LT	HT	B	SB	Total		Speed	A/LT	HT	B	SB	Total		Total	
102.5	0	0	0	0	0		102.5	1	0	0	0	1		1	
100.5	0	0	0	0	0		100.5	0	0	0	0	0		0	
98.5	0	0	0	0	0		98.5	0	0	0	0	0		0	
96.5	0	0	0	0	0		96.5	0	0	0	0	0		0	
94.5	0	0	0	0	0		94.5	0	0	0	0	0		0	
92.5	0	0	0	0	0		92.5	1	0	0	0	1		1	
90.5	0	0	0	0	0		90.5	1	0	0	0	1		1	
88.5	1	0	0	0	1		88.5	0	0	0	0	0		1	
86.5	0	0	0	0	0		86.5	0	0	0	0	0		0	
84.5	0	0	0	0	0		84.5	1	0	0	0	1		1	
82.5	0	0	0	0	0		82.5	1	0	0	0	1		1	
80.5	0	0	0	0	0		80.5	3	0	0	0	3		3	
78.5	0	0	0	0	0		78.5	0	0	0	0	0		0	
76.5	0	0	0	0	0		76.5	0	0	0	0	0		0	
74.5	0	0	0	0	0		74.5	0	0	0	0	0		0	
72.5	1	0	0	0	1		72.5	2	0	0	0	2		3	
70.5	1	0	0	0	1		70.5	2	0	0	0	2		3	
68.5	0	0	0	0	0		68.5	2	0	0	0	2		2	
66.5	0	0	0	0	0		66.5	0	0	0	0	0		0	
64.5	0	0	0	0	0		64.5	1	0	0	0	1		1	
62.5	1	0	0	0	1		62.5	1	0	0	0	1		2	
60.5	0	0	0	0	0		60.5	1	0	0	0	1		1	
Total:	4	0	0	0	4		Total:	17	0	0	0	17		21	

ALL VEHICLES

	NorthBound	SouthBound	Combined
Average:	74 km/h	77 km/h	76 km/h
Standard Deviation:	11 km/h	11 km/h	11 km/h
85th percentile:	85 ± 14 Km/h	89 ± 7 Km/h	88 ± 6 Km/h
95th percentile:	92 ± 14 Km/h	96 ± 7 Km/h	95 ± 6 Km/h
Upper 15K:	76 km/h	84 km/h	84 km/h
Compliance:	75 %	62 %	64 %

HEAVY VEHICLES

Combined	Total heavy vehicles:
0 Km/h	0
0 Km/h	
0 ± 0 Km/h	Note: Insufficient heavy vehicle volume data for valid statistical results.
0%	