

**Bicycle Lateral & Longitudinal Rotations While Riding Eastbound on the Paved Asphalt Shoulder of Gore Road, in London, Ontario, July 18,2014**

<b>Time Interval (Sec)</b>	<b>Lateral Rotation (Radians Per Sec)</b>	<b>Longitudinal Rotation (Radians Per Sec)</b>	<b>Range of Speed During Time Interval (km/h)</b>	<b>Range of Odometer Reading During Time Interval (km)</b>
30 to 60	0.1048	0.0894	0 to 14.3	0 to 0
60 to 90	0.0879	0.0442	14.3 to 21.6	0 to 0.2
90 to 120	0.0812	0.0316	21.5 to 26.9	0.2 to 0.4
120 to 150	0.0908	0.0408	26.7 to 41.2	0.4 to 0.7
150 to 180	0.0712	0.0450	21.9 to 30.2	0.7 to 0.9
180 to 210	0.0606	0.0264	21.0 to 23.9	0.9 to 1.1
210 to 240	0.0622	0.0261	23.8 to 24.6	1.1 to 1.3
240 to 270	0.0540	0.0314	23.3 to 24.3	1.3 to 1.5
270 to 300	0.0567	0.0360	23.9 to 25.7	1.5 to 1.7
300 to 330	0.0966	0.0575	25.5 to 41.5	1.7 to 2.0
330 to 360	0.0975	0.0330	17.6 to 31.6	2.0 to 2.1
360 to 390	0.0802	0.0332	18.0 to 24.2	2.1 to 2.3
390 to 420	0.0780	0.0266	22.6 to 24.4	2.3 to 2.5
420 to 450	0.0614	0.0266	22.2 to 23.8	2.5 to 2.7
450 to 480	0.0560	0.0240	21.3 to 24.6	2.7 to 2.9
480 to 510	0.0545	0.0327	24.4 to 26.3	2.9 to 3.1
510 to 540	0.0732	0.0268	26.3 to 27.6	3.1 to 3.3
540 to 570	0.0565	0.0301	23.5 to 27.1	3.3 to 3.6
570 to 600	0.0640	0.0287	18.1 to 27.6	3.6 to 3.8

**Average =                    0.0730                    0.0363**