

May 11, 2021 - 18-Passenger School Bus - 2 Second Intervals Crossing Speed Bumps on Cranbrook Vicount & Farnham Rd, London, Ontario

Location	Speed (km/h)	Longitudinal Rotation	Lateral Rotation
Cranbrook SB; Crossing 1st Speed Bump	27	0.1653	0.0400
Cranbrook SB; Crossing 2nd Speed Bump	30	0.1911	0.0518
Cranbrook SB; Crossing 3rd Speed Bump	30	0.1843	0.0780
Vicount EB; Crossing 1st Speed Bump	30	0.1406	0.0475
Vicount EB; Crossing 2nd Speed Bump	30	0.1303	0.0683
Farnham SB; Crossing 1st Speed Bump	30	0.1554	0.0381
Farnham SB; Crossing 2nd Speed Bump	30	0.1620	0.0474
Farnham SB; Crossing 3rd Speed Bump	30	0.1820	0.0490
Farnham SB; Crossing 4th Speed Bump	28	0.1048	0.0463
Farnham NB; Crossing 4th Speed Bump	30	0.1018	0.0361
Farnham NB; Crossing 3rd Speed Bump	29	0.1429	0.0511
Farnham NB; Crossing 2nd Speed Bump	30	0.1088	0.0463
Farnham NB; Crossing 1st Speed Bump	30	0.1372	0.0342
Vicount WB; Crossing 2nd Speed Bump	31	0.1297	0.0407
Vicount WB; Crossing 1st Speed Bump	31	0.1512	0.0405
Cranbrook NB; Crossing 3rd Speed Bump	32	0.1575	0.0465
Cranbrook NB; Crossing 2nd Speed Bump	31	0.1737	0.0603
Cranbrook NB; Crossing 1st Speed Bump	28	0.1717	0.0316
Average =	29.8	0.1495	0.0474

May 18, 2021 - 18-Passenger School Bus - 2 Second Intervals Crossing Speed Bumps on Edmonton St, London, Ontario

Location	Speed (km/h)	Longitudinal Rotation	Lateral Rotation
Edmonton NB; Crossing 1st Speed Bump	30	0.2193	0.1400
Edmonton NB; Crossing 2nd Speed Bump	30	0.2047	0.1142
Edmonton NB; Crossing 3rd Speed Bump	30	0.1311	0.1046
Edmonton NB; Crossing 4th Speed Bump	25	0.0968	0.1211
Edmonton NB; Crossing 5th Speed Bump	28	0.2097	0.1005
Edmonton SB crossing 5th speed Bump	28	0.1742	0.0722
Edmonton SB crossing 4th Speed Bump	30	0.1810	0.0638
Edmonton SB crossing 3rd Speed Bump	30	0.1100	0.0598
Edmonton SB crossing 2nd Speed Bump	30	0.1753	0.0829
Edmonton SB crossing 1st Speed Bump	28	0.1523	0.0737
Average =	28.9	0.1654	0.0933

May 25, 2021 - 18-Passenger School Bus - 2 Second Intervals Crossing Speed Bumps on Wilson Ave, London, Ontario

Location	Speed (km/h)	Longitudinal Rotation	Lateral Rotation
Wilson NB; Crossing 1st Speed Bump	30	0.2442	0.2147
Wilson NB; Crossing 2nd Speed Bump	30	0.1885	0.0618
Wilson NB; Crossing 3rd Speed Bump	28	0.1131	0.0512
Wilson NB; Crossing 4th Speed Bump	29	0.1845	0.1593
Wilson SB crossing 4th Speed Bump	30	0.1972	0.1027
Wilson SB crossing 3rd Speed Bump	31	0.1941	0.0884
Wilson SB crossing 2nd Speed Bump	30	0.1926	0.0746
Wilson SB crossing 1st Speed Bump	30	0.2236	0.0613
Average =	29.8	0.1922	0.1018