

Testing With 18 Passenger School Bus								
Location	Test Date	Surface Condition	Speed (km/h)	Time of Recording (Seconds)	Sampling Rate(hz)	Travel Direction	Longitudinal Rotation	Lateral Rotation
Stopped in Bus Terminal Yard	Mar 4-21	Bare & Dry Asphalt	0	Zero to 30	30	Stopped	0.0017	0.0023
Stopped in Bus Terminal Yard - Begin forward motion at @ 50 seconds	Mar 4-21	Bare & Dry Asphalt	0 to 20	30 to 60	30	Westbound	0.0121	0.0156
Stopped in driveway of bus terminal, completed R turn onto White Oak Rd	Mar 4-21	Bare & Dry Asphalt	0 to 35	60 to 90	30	Northbound	0.0148	0.0162
NB White Oak Rd	Mar 4-21	Bare & Dry Asphalt	35 to 57	90 to 120	30	Northbound	0.0180	0.0111
NB White Oak Rd	Mar 4-21	Bare & Dry Asphalt	55 to 50	120 to 150	30	Northbound	0.0141	0.0141
NB White Oak Rd making slow R turn onto Southdale Rd then accelerate	Mar 4-21	Bare & Dry Asphalt	52 to 5 to 54	150 to 180	30	Northbound	0.0232	0.0232
EB on Southdale Approaching W leg of Jaina Blvd	Mar 4-21	Bare & Dry Asphalt	55 to 52	180 to 210	30	Eastbound	0.0206	0.0189
EB Southdale W of Ernest	Mar 4-21	Bare & Dry Asphalt	51 to 55	210 to 240	30	Eastbound	0.0187	0.0194
EB Southdale E of Ernest	Mar 4-21	Bare & Dry Asphalt	55 to 49	240 to 270	30	Eastbound	0.0215	0.0185
EB Southdale braking for red traffic signal at Montgomery	Mar 4-21	Bare & Dry Asphalt	55 to 40	270 to 300	30	Eastbound	0.0168	0.0161
EB Southdale to a stop at Montgomery then accelerate forward upon green signal	Mar 4-21	Bare & Dry Asphalt	40 to 0 to 36	300 to 330	30	Eastbound	0.0098	0.0106
EB Southdale braking to stop in L turn lane at Wellington Rd	Mar 4-21	Bare & Dry Asphalt	40 to 0	330 to 360	30	Eastbound	0.0144	0.0114
Accelerate forw from stop on Southdale & make L turn to travel NB on Wellington	Mar 4-21	Bare & Dry Asphalt	0 to 57	360 to 390	30	Northbound	0.0163	0.0183
NB on Wellington travelling toward Wilkins	Mar 4-21	Bare & Dry Asphalt	57 to 60	390 to 420	30	Northbound	0.0224	0.0350
NB Wellington travelling past Wilkins St	Mar 4-21	Bare & Dry Asphalt	60 to 58	420 to 450	30	Northbound	0.0187	0.0301
NB Wellington travelling toward Commissioners Rd	Mar 4-21	Bare & Dry Asphalt	60 to 46	450 to 480	30	Northbound	0.0201	0.0274
NB Wellington braking to a stop at Commissioners	Mar 4-21	Bare & Dry Asphalt	50 to 0	480 to 510	30	Northbound	0.0155	0.0223
NB Wellington Stopped at red traffic signal at Commissioners Rd	Mar 4-21	Bare & Dry Asphalt	0	510 to 540	30	Northbound	0.0013	0.0015
NB Wellington Stopped at red traffic signal at Commissioners Rd	Mar 4-21	Bare & Dry Asphalt	0	540 to 570	30	Northbound	0.0013	0.0015
NB Wellington accelerate forw from stop at Commissioners Rd	Mar 4-21	Bare & Dry Asphalt	0 to 49	570 to 600	30	Northbound	0.0165	0.0229
NB Wellington passing Baseline Rd	Mar 4-21	Bare & Dry Asphalt	49 to 58	600 to 630	30	Northbound	0.0250	0.0234
NB Wellington approaching Moore St	Mar 4-21	Bare & Dry Asphalt	58 to 51	630 to 660	30	Northbound	0.0283	0.0299
NB Wellington passing through S portion of S-curve near Raywood Ave	Mar 4-21	Bare & Dry Asphalt	51 to 38	660 to 690	30	Northbound	0.0345	0.0250
NB Wellington passing thru N portion of S-curve and coasting toward stop at Grand Ave	Mar 4-21	Bare & Dry Asphalt	49 to 37	690 to 720	30	Northbound	0.0299	0.0200
NB Wellington braking to almost stop at Grand then accelerate toward Thames R bridge	Mar 4-21	Bare & Dry Asphalt	37 to 3 to 48	720 to 750	30	Northbound	0.0274	0.0228
NB Wellington crossing Thames R Bridge & Approaching Hill St	Mar 4-21	Bare & Dry Asphalt	51 to 44	750 to 780	30	Northbound	0.0300	0.0277
NB Wellington crossing Hill St and slowing on approach to Simcoe St	Mar 4-21	Bare & Dry Asphalt	47 to 28	780 to 810	30	Northbound	0.0517	0.0345
NB Wellington slowing for signal at Horton then accelerating into CNR underpass then braking for traffic inside underpass	Mar 4-21	Bare & Dry Asphalt	28 to 39 to 18	810 to 840	30	Northbound	0.0330	0.0308
NB Wellington braking to stop inside CNR underpass then accelerating past York St	Mar 4-21	Bare & Dry Asphalt	18 to 0 to 40	840 to 870	30	Northbound	0.0326	0.0229
NB Wellington braking & R turn onto King then accelerating EB on King St	Mar 4-21	Bare & Dry Asphalt	40 to 16 to 40	870 to 900	30	Northbound	0.0247	0.0238

Location	Test Date	Surface Condition	Speed (km/h)	Time of Recording (In Seconds)	Sampling Rate(htz)	Travel Direction	Longitudinal Rotation	Lateral Rotation
EB along King St looking for location to stop & park & end testing	Mar 4-21	Bare & Dry Asphalt	40 to 38	900 to 930	30	Eastbound	0.0236	0.0253
Stopped in Bus Terminal Yard	Mar 4-21	Bare & Dry Asphalt	0	Zero to 30	30	Stopped	0.0189	0.0236
Stopped in Bus Terminal Yard	Mar 4-21	Bare & Dry Asphalt	0	30 to 60	30	Stopped	0.0013	0.0020
Begin Forward Motion & Make R Turn onto White Oak Rd	Mar 4-21	Bare & Dry Asphalt	0 to 20	60 to 90	30	Westbound	0.0155	0.0200
NB White Oak Rd	Mar 4-21	Bare & Dry Asphalt	20 to 55	90 to 120	30	Northbound	0.0181	0.0151
NB White Oak Rd Entering L Turn lane & Decelerating	Mar 4-21	Bare & Dry Asphalt	58 to 47	120 to 150	30	Northbound	0.0171	0.0171
NB White Oak Rd Coming to Stop at Southdale Rd	Mar 4-21	Bare & Dry Asphalt	47 to 0	150 to 180	30	Northbound	0.0046	0.0050
NB White Oak Making L Turn Onto Southdale Rd	Mar 4-21	Bare & Dry Asphalt	0 to 52	180 to 210	30	Northbound	0.0282	0.0193
WB on Southdale Making R Turn to Begin NB on Wharnccliffe in R Lane	Mar 4-21	Bare & Dry Asphalt	52 to 19	210 to 240	30	Westbound	0.0273	0.0319
NB on Wharnccliffe Rd Past Glendale Ave	Mar 4-21	Bare & Dry Asphalt	24 to 60	240 to 270	30	Northbound	0.0204	0.0245
NB Wharnccliffe coming to Stop at Ferndale	Mar 4-21	Bare & Dry Asphalt	55 to 0	270 to 300	30	Northbound	0.0170	0.0318
NB Wharnccliffe Accelerating From Stop	Mar 4-21	Bare & Dry Asphalt	0 to 55	300 to 330	30	Northbound	0.0231	0.0263
NB Wharnccliffe Coasting Up To Red Traffic Signal at Highview Ave	Mar 4-21	Bare & Dry Asphalt	55 to 39	330 to 360	30	Northbound	0.0195	0.0231
NB Wharnccliffe Coasting & decelerating to Red Traffic Signal at Commissioners	Mar 4-21	Bare & Dry Asphalt	46 to 36	360 to 390	30	Northbound	0.0235	0.0235
NB Wharnccliffe Coast to Stop at Commissioners Then Accelerate	Mar 4-21	Bare & Dry Asphalt	36 to 0 to 46	390 to 420	30	Northbound	0.0208	0.0174
NB Wharnccliffe Past Baseline Rd	Mar 4-21	Bare & Dry Asphalt	46 to 52	420 to 450	30	Northbound	0.0346	0.0463
NB Wharnccliffe Approaching Langarth	Mar 4-21	Bare & Dry Asphalt	48 to 52	450 to 480	30	Northbound	0.0285	0.0372
NB Wharnccliffe Approaching Duchess	Mar 4-21	Bare & Dry Asphalt	47 to 52	480 to 510	30	Northbound	0.0291	0.0303
NB Wharnccliffe Approaching Bruce St - Cross into L Lane	Mar 4-21	Bare & Dry Asphalt	50 to 40	510 to 540	30	Northbound	0.0280	0.0296
NB Wharnccliffe in L Lane Crossing Byron Ave - Decelerating & Coasting on New Pavement	Mar 4-21	Bare & Dry Asphalt	40 to 28	540 to 570	30	Northbound	0.0146	0.0119
NB Wharnccliffe in L Lane Braking to a Stop for Red Signal at Horton	Mar 4-21	Bare & Dry Asphalt	28 to 0	570 to 600	30	Northbound	0.0129	0.0089
NB Wharnccliffe Accelerating From Stop & Approaching Horton/Springbank	Mar 4-21	Bare & Dry Asphalt	0 to 41	600 to 630	30	Northbound	0.0178	0.0148
NB Wharnccliffe Thru CNR Underpass & Crossing Ridgeway in R Lane	Mar 4-21	Bare & Dry Asphalt	35 to 51	630 to 660	30	Northbound	0.0449	0.0450
NB Wharnccliffe in R Lane Crossing Thames River Bridge & Braking to Stop for Red Traffic Signal At Riverside	Mar 4-21	Bare & Dry Asphalt	51 to 0	660 to 690	30	Northbound	0.0246	0.0410
Stopped in R Lane of Wharnccliffe Waiting for Red Traffic Signal at Riverside	Mar 4-21	Bare & Dry Asphalt	0	690 to 720	30	Northbound	0.0014	0.0019
Accelerating From Stop in R Lane of Wharnccliffe Approaching Mount Pleasant Ave	Mar 4-21	Bare & Dry Asphalt	0 to 41	720 to 750	30	Northbound	0.0232	0.0267
NB Wharnccliffe Rd in R Lane Approaching Barrington Ave on Newer Section of Pavement	Mar 4-21	Bare & Dry Asphalt	41 to 48	750 to 780	30	Northbound	0.0219	0.0260
NB Wharnccliffe Rd in R Lane Reached Empress Ave on Newer Pavement	Mar 4-21	Bare & Dry Asphalt	48 to 40	780 to 810	30	Northbound	0.0222	0.0220
NB Wharnccliffe Rd in R Lane Braking to Stop for Red Traffic Signal at Oxford	Mar 4-21	Bare & Dry Asphalt	40 to 0	810 to 840	30	Northbound	0.0101	0.0138
NB Wharnccliffe Rd in R Lane Stopped for Red Traffic Signal at Oxford	Mar 4-21	Bare & Dry Asphalt	0	840 to 870	30	Northbound	0.0013	0.0017

NB Wharnccliffe Rd in R Lane Stopped for Red Traffic Signal at Oxford - Begin Forward Acceleration	Mar 4-21	Bare & Dry Asphalt	0 to 9	870 to 900	30	Northbound	0.0025	0.0028
NB Wharnccliffe Rd Crossing Oxford - Travelling in R Lane of Western Rd	Mar 4-21	Bare & Dry Asphalt	10 to 51	900 to 930	30	Northbound	0.0224	0.0219

Testing With Full-Size 70-Passenger School Bus

Location	Test Date	Surface Condition	Speed (km/h)	Time of Recording (Seconds)	Sampling Rate (Hz)	Travel Direction	Longitudinal Rotation	Lateral Rotation
Stopped Near Pack Rd - Setting up video cameras	Mar 25-21	Bare & Dry Asphalt	0	Zero to 30	30	Stopped	0.0093	0.0027
Stopped Near Pack Rd - Setting up video cameras	Mar 25-21	Bare & Dry Asphalt	0	30 to 60	30	Stopped	0.0026	0.0025
Stopped Near Pack Rd - Setting up video cameras	Mar 25-21	Bare & Dry Asphalt	0	60 to 90	30	Stopped	0.0023	0.0026
Stopped Near Pack Rd - Preparations to start forward motion	Mar 25-21	Bare & Dry Asphalt	0	90 to 120	30	Stopped	0.0024	0.0029
Begin forward motion to stop at intersection of Pack Rd & Begin L Turn	Mar 25-21	Bare & Dry Asphalt	0 to 20 to 0	120 to 150	30	Southbound	0.0083	0.0176
Complete L Turn to EB on Pack Rd Approaching Bostwick Rd	Mar 25-21	Bare & Dry Asphalt	11 to 52	150 to 180	30	Eastbound	0.0263	0.0432
EB on Pack Braking to a stop at Bostwick	Mar 25-21	Bare & Dry Asphalt	48 to 0	180 to 210	30	Eastbound	0.0102	0.0194
Accelerating from stop into R turn onto EB Bostwick	Mar 25-21	Bare & Dry Asphalt	0 to 70	210 to 240	30	Eastbound	0.0110	0.0167
EB on Bostwick approaching L curve	Mar 25-21	Bare & Dry Asphalt	70 to 60	240 to 270	30	Eastbound	0.0136	0.0168
EB Bostwick approaching sharper L curve	Mar 25-21	Bare & Dry Asphalt	60 to 70 to 58	270 to 300	30	Eastbound	0.0100	0.0137
EB Bostwick braking & passing thru sharp L turn then crossing intersection of Wharnccliffe	Mar 25-21	Bare & Dry Asphalt	58 to 42 to 58	300 to 330	30	Eastbound	0.0194	0.0333
EB Exeter Rd braking to a stop for traffic signal at Wonderland Rd	Mar 25-21	Bare & Dry Asphalt	58 to 0	330 to 360	30	Eastbound	0.0131	0.0223
EB Exeter Rd stopped for red traffic signal at Wonderland Rd	Mar 25-21	Bare & Dry Asphalt	0	360 to 390	30	Eastbound	0.0018	0.0021
EB Exeter Rd stopped for red traffic signal at Wonderland Rd	Mar 25-21	Bare & Dry Asphalt	0	390 to 420	30	Eastbound	0.0016	0.0019
EB Exeter Rd accelerate from stop E of Wonderland Rd	Mar 25-21	Bare & Dry Asphalt	0 to 70	420 to 450	30	Eastbound	0.0168	0.0235
EB Exeter Rd braking on approach to red traffic signal at Meadowbrook Rd	Mar 25-21	Bare & Dry Asphalt	70 to 36	450 to 480	30	Eastbound	0.0236	0.0294
EB Exeter braking to a stop at Meadowbrook then begin acceleration on green signal	Mar 25-21	Bare & Dry Asphalt	36 to 0 to 3	480 to 510	30	Eastbound	0.0053	0.0098
EB Exeter Rd accelerating from stop E of Meadowbrook	Mar 25-21	Bare & Dry Asphalt	3 to 70	510 to 540	30	Eastbound	0.0171	0.0265
EB Exeter Rd in R Lane travelling toward White Oak Rd	Mar 25-21	Bare & Dry Asphalt	70 to 75	540 to 570	30	Eastbound	0.0207	0.0203
EB Exeter Rd steer into L turn lane on approach to White Oak Rd & begin braking	Mar 25-21	Bare & Dry Asphalt	75 to 34	570 to 600	30	Eastbound	0.0173	0.0201
EB Exeter braking to a stop at White Oak Rd	Mar 25-21	Bare & Dry Asphalt	34 to 0	600 to 630	30	Eastbound	0.0042	0.0055
EB Exeter begin acceleration into L turn & travel NB on White Oak Rd	Mar 25-21	Bare & Dry Asphalt	0 to 60	630 to 660	30	Eastbound	0.0119	0.0195
NB White Oak Rd coasting toward green traffic signal at Bradley Ave	Mar 25-21	Bare & Dry Asphalt	60 to 52	660 to 690	30	Eastbound	0.0136	0.0146
NB White Oak Rd pass thru Bradley Ave then R turn into bus terminal driveway	Mar 25-21	Bare & Dry Asphalt	52 to 14	690 to 720	30	Northbound	0.0117	0.0207
Make R turn into parking lot then L turn within lot	Mar 25-21	Bare & Dry Asphalt	18 to 3	720 to 750	30	Northbound	0.0083	0.0254
Brake to stop forward motion then begin reversing into parking spot	Mar 25-21	Bare & Dry Asphalt	3 to 0 to 3	750 to 780	30	Stopped	0.0040	0.0094
Reversing into parking spot & stop	Mar 25-21	Bare & Dry Asphalt		780 to 810	30	Stopped	0.0036	0.0089
				Average =			0.0107	0.0160

Location	Test Date	Surface Condition	Speed (km/h)	Time of Recording (Seconds)	Sampling Rate (Hz)	Travel Direction	Longitudinal Rotation	Lateral Rotation
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Stopped in Bus Terminal Yard - Setting up video cameras	Mar 25-21	Bare & Dry Asphalt	0	Zero to 30	30	Stopped	0.0015	0.0016
Stopped in Bus Terminal Yard - Setting up video cameras	Mar 25-21	Bare & Dry Asphalt	0	30 to 60	30	Stopped	0.0014	0.0016
Stopped in Bus Terminal Yard - Setting up video cameras	Mar 25-21	Bare & Dry Asphalt	0	60 to 90	30	Stopped	0.0015	0.0016
Stopped in Bus Terminal Yard - Setting up video cameras	Mar 25-21	Bare & Dry Asphalt	0	90 to 120	30	Stopped	0.0017	0.0019
Stopped in Bus Terminal Yard - Start ignition at 150 seconds	Mar 25-21	Bare & Dry Asphalt	0	120 to 150	30	Stopped	0.0024	0.0017
Stopped in Bus Terminal Yard	Mar 25-21	Bare & Dry Asphalt	0	150 to 180	30	Stopped	0.0042	0.0030
Start forward motion at @ 200 seconds	Mar 25-21	Bare & Dry Asphalt	0 to 9	180 to 210	30	Stopped	0.0045	0.0076
Accelerate onto driveway & stop at edge of White Oaks Road - Waiting for traffic	Mar 25-21	Bare & Dry Asphalt	9 to 22 to 0	210 to 240	30	Westbound	0.0084	0.0255
Stopped waiting for traffic then making R turn & travel NB on White Oak Road	Mar 25-21	Bare & Dry Asphalt	0 to 35	240 to 270	30	Westbound	0.0076	0.0286
NB on White Oak Road	Mar 25-21	Bare & Dry Asphalt	35 to 60	270 to 300	30	Northbound	0.0153	0.0146
NB on White Oak Road coasting into L turn lane approaching Southdale Rd	Mar 25-21	Bare & Dry Asphalt	60 to 39	300 to 330	30	Northbound	0.0120	0.0148
Decelerating & making L turn, then accelerating on WB Southdale Rd	Mar 25-21	Bare & Dry Asphalt	39 to 20 to 46	330 to 360	30	Northbound	0.0272	0.0239
WB Southdale decelerating to a stop for red traffic signal at Wharncliffe Rd	Mar 25-21	Bare & Dry Asphalt	46 to 0	360 to 390	30	Westbound	0.0073	0.0118
WB Southdale stopped for red traffic signal at Wharncliffe Rd	Mar 25-21	Bare & Dry Asphalt	0	390 to 420	30	Westbound	0.0017	0.0020
WB Southdale accelerating from Stop & crossing Wharncliffe Rd	Mar 25-21	Bare & Dry Asphalt	0 to 47	420 to 450	30	Westbound	0.0193	0.0261
WB Southdale Rd	Mar 25-21	Bare & Dry Asphalt	47 to 58	450 to 480	30	Westbound	0.0102	0.0149
WB Southdale braking to a stop for red traffic signal at Notre Dame then begin acceleration forward	Mar 25-21	Bare & Dry Asphalt	56 to 0 to 5	480 to 510	30	Westbound	0.0070	0.0124
WB Southdale accelerating from stop then coasting while approach Andover	Mar 25-21	Bare & Dry Asphalt	5 to 60	510 to 540	30	Westbound	0.0124	0.0181
WB Southdale decelerating for slower traffic at Andover then accelerate	Mar 25-21	Bare & Dry Asphalt	60 to 28 to 60	540 to 570	30	Westbound	0.0128	0.0156
WB Southdale decelerating on approach to R turn at Wonderland	Mar 25-21	Bare & Dry Asphalt	60 to 41	570 to 600	30	Westbound	0.0182	0.0232
WB Southdale decelerating into R turn onto NB Wonderland then accelerate NB on Wonderland	Mar 25-21	Bare & Dry Asphalt	41 to 20 to 52	600 to 630	30	Westbound	0.0213	0.0235
NB Wonderland decelerating to slower traffic at McMaster	Mar 25-21	Bare & Dry Asphalt	52 to 26	630 to 660	30	Northbound	0.0104	0.0157
NB Wonderland passing thru intersection with McMaster & approaching Vicount	Mar 25-21	Bare & Dry Asphalt	26 to 46	660 to 690	30	Northbound	0.0120	0.0168
NB Wonderland decelerating to a stop for traffic signal at Vicount	Mar 25-21	Bare & Dry Asphalt	42 to 0	690 to 720	30	Northbound	0.0095	0.0171
NB Wonderland stopped at red traffic signal at Vicount	Mar 25-21	Bare & Dry Asphalt	0	720 to 750	30	Northbound	0.0019	0.0020
NB Wonderland stopped at red traffic signal at Vicount	Mar 25-21	Bare & Dry Asphalt	0	750 to 780	30	Northbound	0.0016	0.0018
Accelerate from stop at NB Wonderland into L turn to WB Vicount	Mar 25-21	Bare & Dry Asphalt	0 to 35	780 to 810	30	Westbound	0.0089	0.0177
WB Vicount decelerating to R Turn into Westmount Mall driveway & coming to stop at stop sign on Mall grounds	Mar 25-21	Bare & Dry Asphalt	32 to 11 to 0	810 to 840	30	Northbound	0.0145	0.0387
Accelerating from a stop into a R turn & travelling WB on Mall grounds	Mar 25-21	Bare & Dry Asphalt	0 to 18	840 to 870	30	Northbound	0.0104	0.0235
Braking for stop sign on Mall grounds, making a L turn then travelling SB thru exit driveway of Mall	Mar 25-21	Bare & Dry Asphalt	18 to 0 to 18	870 to 900	30	Westbound	0.0154	0.0283

SB along exit driveway of Mall & decelerating to a stop for red traffic signal, then accelerating into L turn on to EB Vicount	Mar 25-21	Bare & Dry Asphalt	18 to 0 to 10	900 to 930	30	Southbound	0.0064	0.0091
Completing L turn onto EB Vicount then braking to a halt in school bus unloading zone of Saunders Secondary School	Mar 25-21	Bare & Dry Asphalt	10 to 23 to 0	930 to 960	30	Eastbound	0.0106	0.0280
Stopped in school bus loading zone of Saunders Secondary School	Mar 25-21	Bare & Dry Asphalt	0	960 to 990	30	Stopped	0.0016	0.0017
Location	Test Date	Surface Condition	Speed (km/h)	Time of Recording (In Seconds)	Sampling Rate (Hz)	Travel Direction	Longitudinal Rotation	Lateral Rotation
Stopped Near Pack Rd - Setting up video cameras	Mar 26-21	Bare & Dry Asphalt	0	Zero to 30	30	Stopped	0.0018	0.0020
Stopped Near Pack Rd - Setting up video cameras	Mar 26-21	Bare & Dry Asphalt	0	30 to 60	30	Stopped	0.0016	0.0020
Start Forward motion at 80 seconds	Mar 26-21	Bare & Dry Asphalt	0 to 21	60 to 90	30	Southbound	0.0049	0.0098
Brake to a stop at Pack Rd then accelerate into L Turn & travel EB on Pack	Mar 26-21	Bare & Dry Asphalt	29 to 0 to 36	90 to 120	30	Eastbound	0.0147	0.0273
EB on Pack Rd braking on approach to Bostwick Rd	Mar 26-21	Bare & Dry Asphalt	36 to 48 to 21	120 to 150	30	Eastbound	0.0200	0.0404
Brake to a stop at Bostwick then accelerate into R turn & travel EB on Bostwick	Mar 26-21	Bare & Dry Asphalt	0 to 63	150 to 180	30	Eastbound	0.0098	0.0182
EB on Bostwick approaching L Curve	Mar 26-21	Bare & Dry Asphalt	63 to 76	180 to 210	30	Eastbound	0.0133	0.0168
EB Bostwick passing thru L curve & approaching 2nd sharper L curve	Mar 26-21	Bare & Dry Asphalt	65 to 48 to 70	210 to 240	30	Eastbound	0.0097	0.0144
EB Bostwick passing thru 2 L curve & braking to a stop for red traffic signal at Wharnccliffe Rd	Mar 26-21	Bare & Dry Asphalt	70 to 0	240 to 270	30	Eastbound	0.0112	0.0231
EB Bostwick stopped for red traffic signal at Wharnccliffe	Mar 26-21	Bare & Dry Asphalt	0	270 to 300	30	Eastbound	0.0024	0.0019
EB Bostwick stopped for red traffic signal at Wharnccliffe	Mar 26-21	Bare & Dry Asphalt	0	300 to 330	30	Eastbound	0.0024	0.0021
EB Bostwick stopped for red traffic signal at Wharnccliffe	Mar 26-21	Bare & Dry Asphalt	0	330 to 360	30	Eastbound	0.0023	0.0019
EB Exeter Rd accelerating from stop, passing thru Wharnccliffe, then begin braking for red traffic signal at Wonderland	Mar 26-21	Bare & Dry Asphalt	0 to 53 to 42	360 to 390	30	Eastbound	0.0127	0.0286
EB Exeter Rd braking to a stop for red traffic signal at Wonderland Rd	Mar 26-21	Bare & Dry Asphalt	0	390 to 420	30	Eastbound	0.0052	0.0090
EB Exeter Rd braking to a stop for red traffic signal at Wonderland Rd	Mar 26-21	Bare & Dry Asphalt	0	420 to 450	30	Eastbound	0.0024	0.0019
EB Exeter Rd braking to a stop for red traffic signal at Wonderland Rd then begin acceleration	Mar 26-21	Bare & Dry Asphalt	0 to 5	450 to 480	30	Eastbound	0.0024	0.0031
EB Exeter Rd accelerating from Wonderland Rd	Mar 26-21	Bare & Dry Asphalt	5 to 75	480 to 510	30	Eastbound	0.0183	0.0268
EB Exeter Rd passing Beaverbrook	Mar 26-21	Bare & Dry Asphalt	80 to 72	510 to 540	30	Eastbound	0.0203	0.0214
EB Exeter Rd travelling toward White Oak Rd	Mar 26-21	Bare & Dry Asphalt	74 to 80	540 to 570	30	Eastbound	0.0205	0.0224
EB Exeter Rd begin travel into L Turn Lane on approach to White Oak Rd	Mar 26-21	Bare & Dry Asphalt	80 to 66	570 to 600	30	Eastbound	0.0194	0.0192
EB Exeter Rd stop in L turn lane for red traffic signal at White Oak Rd	Mar 26-21	Bare & Dry Asphalt	66 to 0	600 to 630	30	Eastbound	0.0079	0.0110
EB Exeter Rd begin acceleration into L turn onto White Oak Rd	Mar 26-21	Bare & Dry Asphalt	0 to 22	630 to 660	30	Eastbound	0.0069	0.0129
NB White Oak Rd accelerating from L turn	Mar 26-21	Bare & Dry Asphalt	22 to 68	660 to 690	30	Northbound	0.0121	0.0189
NB White Oak Rd begin braking for red traffic signal at Bradley Ave	Mar 26-21	Bare & Dry Asphalt	68 to 40	690 to 720	30	Northbound	0.0092	0.0124
Nb White Oak Rd braking to a stop for red traffic signal at Bradley Ave	Mar 26-21	Bare & Dry Asphalt	45 to 0	720 to 750	30	Northbound	0.0039	0.0067
NB White Oak Rd stopped for red traffic signal at Bradley then begin acceleration	Mar 26-21	Bare & Dry Asphalt	0 to 14	750 to 780	30	Northbound	0.0023	0.0040

NB White Oak making R turn into Bus terminal driveway then another R turn into parking lot	Mar 26-21	Bare & Dry Asphalt	14 35 to 6	780 to 810	30	Eastbound	0.0118	0.0342
Sweeping L turn to a stop in parking lot then begin reversing into parking spot	Mar 26-21	Bare & Dry Asphalt	8 to 0 to 2	810 to 840	30	Parking Lot	0.0054	0.0160
Reversing then coming to a stop in parking spot	Mar 26-21	Bare & Dry Asphalt	Reversing	840 to 870	30	Parking Lot	0.0025	0.0049
Average =							0.0089	0.0143

Location	Test Date	Surface Condition	Speed (km/h)	Time of Recording (Seconds)	Sampling Rate (Hz)	Travel Direction	Longitudinal Rotation	Lateral Rotation
Stopped in Bus Terminal Yard - Setting up video cameras	Mar 26-21	Bare & Dry Asphalt	0	Zero to 30	30	Stopped	0.0023	0.0041
Stopped in Bus Terminal Yard - Setting up video cameras	Mar 26-21	Bare & Dry Asphalt	0	30 to 60	30	Stopped	0.0023	0.0033
Stopped in Bus Terminal Yard - Setting up video cameras	Mar 26-21	Bare & Dry Asphalt	0	60 to 90	30	Stopped	0.0023	0.0030
Stopped in Bus Terminal Yard - Final preparations	Mar 26-21	Bare & Dry Asphalt	0	90 to 120	30	Stopped	0.0019	0.0029
Begin forward motion at 135 seconds	Mar 26-21	Bare & Dry Asphalt	0 to 13	120 to 150	30	Eastbound	0.0042	0.0117
Pull out along Bus terminal driveway & come to stop at edge of White Oak Rd	Mar 26-21	Bare & Dry Asphalt	8 to 22 to 0	150 to 180	30	Westbound	0.0084	0.0307
Begin R turn onto White Oak Rd at 190 Seconds & travel NB	Mar 26-21	Bare & Dry Asphalt	0 to 43	180 to 210	30	Westbound	0.0067	0.0168
NB on White Oak Rd	Mar 26-21	Bare & Dry Asphalt	43 to 61	210 to 240	30	Northbound	0.0154	0.0167
NB on White Oak Rd braking in L turn lane on approach to Southdale	Mar 26-21	Bare & Dry Asphalt	60 to 16	240 to 270	30	Northbound	0.0095	0.0128
Nb White Oak brief stop for red traffic signal then commence L Turn & travel WB on Southdale Rd	Mar 26-21	Bare & Dry Asphalt	16 to 0 to 52	270 to 300	30	Northbound	0.0148	0.0201
WB Southdale braking to a stop for red traffic signal at Wharncliffe Rd	Mar 26-21	Bare & Dry Asphalt	52 to 0	300 to 330	30	Westbound	0.0097	0.0230
WB Southdale accelerate from stop at 335 seconds & pass through intersection of Wharncliffe Rd	Mar 26-21	Bare & Dry Asphalt	0 to 40	330 to 360	30	Westbound	0.0148	0.0238
WB Southdale Rd travelling toward Notre Dame	Mar 26-21	Bare & Dry Asphalt	40 to 61	360 to 390	30	Westbound	0.0102	0.0148
WB Southdale Travelling toward Andover	Mar 26-21	Bare & Dry Asphalt	60 to 52	390 to 420	30	Westbound	0.0125	0.0177
WB Southdale travel past intersection of Andover	Mar 26-21	Bare & Dry Asphalt	60 to 52	420 to 450	30	Westbound	0.0145	0.0177
WB Southdale begin coasting on approach to Wonderland Rd - activate R turn signal	Mar 26-21	Bare & Dry Asphalt	58 to 47	450 to 480	30	Westbound	0.0105	0.0164
WB Southdale braking & make R Turn onto Wonderland & travel NB	Mar 26-21	Bare & Dry Asphalt	47 to 8 to 42	480 to 510	30	Westbound	0.0146	0.0208
NB Wonderland passing Pine Valley Blvd	Mar 26-21	Bare & Dry Asphalt	42 to 52	510 to 540	30	Northbound	0.0093	0.0152
NB Wonderland passing McMaster Drive	Mar 26-21	Bare & Dry Asphalt	52 to 48	540 to 570	30	Northbound	0.0114	0.0179
NB Wonderland steer into L turn lane & brake for stopped traffic ahead at Vicount	Mar 26-21	Bare & Dry Asphalt	50 to 17	570 to 600	30	Northbound	0.0095	0.0172
NB Wonderland brake to stop in L turn lane at red traffic signal at Vicount	Mar 26-21	Bare & Dry Asphalt	17 to 0	600 to 630	30	Northbound	0.0021	0.0030
Begin forward acceleration into left turn at 634 seconds & begin R turn into driveway of Westmount Mall	Mar 26-21	Bare & Dry Asphalt	0 to 37 to 11	630 to 660	30	Westbound	0.0141	0.0390
Driving through entrance driveway of Westmount Mall Stop at stop sign then L turn onto parking lot roadway approach Mall main entrance	Mar 26-21	Bare & Dry Asphalt	11 to 22 to 0 to 22	660 to 690	30	Northbound	0.0137	0.0367
Driving through Westmount Mall roadway brake to stop at stop sign then L turn into exit driveway of Mall	Mar 26-21	Bare & Dry Asphalt	22 to 0 to 24	690 to 720	30	Westbound	0.0157	0.0267
Complete L turn onto EB Vicount & coasting toward stop in bus loading zone of Saunders Secondary School	Mar 26-21	Bare & Dry Asphalt	24 to 10	720 to 750	30	Eastbound	0.0163	0.0330
Stopped in bus loading zone in front of Saunders Secondary School	Mar 26-21	Bare & Dry Asphalt	9 to 0	750 to 780	30	Stopped	0.0023	0.0029