

Location	Test Date	Surface Condition	Speed (km/h)	Time of Recording (Seconds)	Sampling Rate (htz)	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 Wharncliffe	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 (Htz)	Travel Direction	Longitudinal Rotation	Lateral Rotation
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 (Htz)	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	Sourthbound	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 (Htz)	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