

Road Conditions Data

Road Jurisdiction: Highbury Ave, City of London

Testing Date: Oct 23, 2019

Road Segment	Test Date	Surface Condition	Test Speed (km/h)	Total Testing Time (In Seconds)	Sampling Rate of Date Collection	Travel Direction	Lateral Motion Standard Deviation	Longitudinal Motion Standard Deviation
Highbury Ave Accel SB From Hamilton Rd & Crossing Thames River Bridge - Start of Run 1 of 5 Runs	Oct 23-19	Bare & Dry	50 increasing to 81	30.0	30 Hertz	Southbound	0.0397	0.0197
Highbury Ave SB entering onto Concrete Surface S of Thames River Bridge	Oct 23-19	Bare & Dry	80	30.0	30 Hertz	Southbound	0.0295	0.0148
Highbury Ave SB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	80	30.0	30 Hertz	Southbound	0.0213	0.0125
Highbury Ave SB Past Commissioners Rd	Oct 23-19	Bare & Dry	80	30.0	30 Hertz	Southbound	0.0236	0.0119
Highbury Ave Approaching Bradley Ave	Oct 23-19	Bare & Dry	80	30.0	30 Hertz	Southbound	0.0262	0.0114
Highbury Ave Passing Bradley Ave Overpass	Oct 23-19	Bare & Dry	80	30.0	30 Hertz	Southbound	0.0258	0.0125
Highbury Ave NB Approaching Bradley Ave Overpass	Oct 23-19	Bare & Dry	52 increasing to 80	30.0	30 Hertz	Northbound	0.0231	0.0141
Highbury Ave NB Passing Bradley Ave Overpass	Oct 23-19	Bare & Dry	80	30.0	30 Hertz	Northbound	0.0211	0.0128
Highbury Ave NB Between Bradley Ave & Commissioners Rd	Oct 23-19	Bare & Dry	81	30.0	30 Hertz	Northbound	0.0276	0.0152
Highbury Ave NB Approaching Commissioners Rd	Oct 23-19	Bare & Dry	81	30.0	30 Hertz	Northbound	0.0401	0.0138
Highbury Ave NB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	81	30.0	30 Hertz	Northbound	0.0398	0.0127
Highbury Ave NB Crossing Thames River Bridge	Oct 23-19	Bare & Dry	81	30.0	30 Hertz	Northbound	0.0249	0.0111
						Run 1	0.0286	0.0135
Road Segment	Test Date	Surface Condition	Test Speed (km/h)	Total Testing Time (In Seconds)	Sampling Rate of Date Collection	Travel Direction	Lateral Motion Standard Deviation	Longitudinal Motion Standard Deviation
Highbury Ave SB Crossing Thames River Bridge; Start of Run 2 of 5	Oct 23-19	Bare & Dry	80	30.0	30 Hertz	Southbound	0.0362	0.0202
Highbury Ave SB Toward Commissioners Rd	Oct 23-19	Bare & Dry	81	30.0	30 Hertz	Southbound	0.0262	0.0130
Highbury Ave SB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	81 increasing to 91	30.0	30 Hertz	Southbound	0.0218	0.0114
Highbury Ave SB Proceeding toward Bradley Ave	Oct 23-19	Bare & Dry	90	30.0	30 Hertz	Southbound	0.0230	0.0112
Highbury Ave SB Passing Bradley Ave Overpass	Oct 23-19	Bare & Dry	90	30.0	30 Hertz	Southbound	0.0253	0.0126
Highbury Ave SB Braking for Traffic Signal At Hwy 401 Overpass	Oct 23-19	Bare & Dry	90 decreasing to 40	30.0	30 Hertz	Southbound	0.0294	0.0173
Highbury Ave NB Passing Bradley Ave Overpass Overpass	Oct 23-19	Bare & Dry	90 to 95	30.0	30 Hertz	Northbound	0.0275	0.0140
Highbury Ave NB north of Bradley Ave Overpass	Oct 23-19	Bare & Dry	92	30.0	30 Hertz	Northbound	0.0253	0.0140
Highbury Ave NB Approaching Commissioners Rd Overpass	Oct 23-19	Bare & Dry	92	30.0	30 Hertz	Northbound	0.0346	0.0153
Highbury Ave NB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	92	30.0	30 Hertz	Northbound	0.0414	0.0136

Highbury Ave NB Crossing Thames River Bridge	Oct 23-19	Bare & Dry	92	30.0	30 Hertz	Northbound	0.0262	0.0121
						Run 2	0.0288	0.0141
Road Segment	Test Date	Surface Condition	Test Speed (km/h)	Total Testing Time (In Seconds)	Sampling Rate of Date Collection	Travel Direction	Lateral Motion Standard Deviation	Longitudinal Motion Standard Deviation
Highbury Ave SB Crossing Thames River Bridge; Start of Run 3 of 5	Oct 23-19	Bare & Dry	88 increasing to 103	30.0	30 Hertz	Southbound	0.0417	0.0186
Highbury Ave SB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	101	30.0	30 Hertz	Southbound	0.0297	0.0131
Highbury Ave SB Toward Bradley Ave	Oct 23-19	Bare & Dry	101	30.0	30 Hertz	Southbound	0.0264	0.0111
Highbury Ave SB Approaching Bradley Ave Overpass	Oct 23-19	Bare & Dry	101	30.0	30 Hertz	Southbound	0.0278	0.0116
Highbury Ave SB Passing Bradley Ave Overpass	Oct 23-19	Bare & Dry	101	30.0	30 Hertz	Southbound	0.0307	0.0144
Highbury Ave NB Passing Bradley Ave Overpass	Oct 23-19	Bare & Dry	99 increasing to 103	30.0	30 Hertz	Northbound	0.0327	0.0144
Highbury Ave NB Proceeding North of Bradley Ave Overpass	Oct 23-19	Bare & Dry	100	30.0	30 Hertz	Northbound	0.0306	0.0144
Highbury Ave NB Approaching Commissioners Rd Overpass	Oct 23-19	Bare & Dry	100	30.0	30 Hertz	Northbound	0.0208	0.0124
Highbury Ave NB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	100	30.0	30 Hertz	Northbound	0.0423	0.0138
Highbury Ave NB Passing Thames River Bridge	Oct 23-19	Bare & Dry	100 decreasing to 78	30.0	30 Hertz	Northbound	0.0314	0.0135
						Run 3	0.0314	0.0137
Road Segment	Test Date	Surface Condition	Test Speed (km/h)	Total Testing Time (In Seconds)	Sampling Rate of Date Collection	Travel Direction	Lateral Motion Standard Deviation	Longitudinal Motion Standard Deviation
Highbury Ave SB Crossing Thames River Bridge; Start of Run 4 of 5	Oct 23-19	Bare & Dry	30 increasing to 114	30.0	30 Hertz	Southbound	0.0417	0.0219
Highbury Ave SB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	110	30.0	30 Hertz	Southbound	0.0356	0.0144
Highbury Ave SB Toward Bradley Ave	Oct 23-19	Bare & Dry	112	30.0	30 Hertz	Southbound	0.0273	0.0121
Highbury Ave SB Passing Bradley Ave Overpass	Oct 23-19	Bare & Dry	112	30.0	30 Hertz	Southbound	0.0284	0.0217
Highbury Ave SB Approaching Hwy 401 Overpass	Oct 23-19	Bare & Dry	112 decreasing to 109	30.0	30 Hertz	Southbound	0.0283	0.0140
Highbury Ave SB Passing 2 traffic signals at Hwy 401 Overpass	Oct 23-19	Bare & Dry	112 decreasing to 74	30.0	30 Hertz	Southbound	0.0300	0.0146
Highbury Ave NB Passing N traffic signal at Hwy 401 Overpass	Oct 23-19	Bare & Dry	60 increasing to 98	30.0	30 Hertz	Northbound	0-.0359	0.0142
Highbury Ave NB Passing Bradley Ave Overpass Overpass	Oct 23-19	Bare & Dry	96 to 106	30.0	30 Hertz	Northbound	0.0176	0.0117
Highbury Ave NB Approaching Commissioners Rd Overpass	Oct 23-19	Bare & Dry	95 to 102	30.0	30 Hertz	Northbound	0.0189	0.0118

Highbury Ave NB Approaching Commissioners Rd Overpass	Oct 23-19	Bare & Dry	98 to 101	30.0	30 Hertz	Northbound	0.0387	0.0127
Highbury Ave NB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	100 to 104	30.0	30 Hertz	Northbound	0.0202	0.0109
Highbury Ave NB Passing Thames River Bridge	Oct 23-19	Bare & Dry	100 decreasing to 20	30.0	30 Hertz	Northbound	0.0255	0.0168
						Run 4	0.0284	0.0147
Road Segment	Test Date	Surface Condition	Test Speed (km/h)	Total Testing Time (In Seconds)	Sampling Rate of Date Collection	Travel Direction	Lateral Motion Standard Deviation	Longitudinal Motion Standard Deviation
Highbury Ave SB R turn From Hamilton & Approach Thames River Bridge; Start of Run 5 of 5	Oct 23-19	Bare & Dry	increasing to 117	30.0	30 Hertz	Southbound	0.0352	0.0224
Highbury Ave SB Crossing Thames River Bridge	Oct 23-19	Bare & Dry	117 increasing to 121 decreasing to 108	30.0	30 Hertz	Southbound	0.0403	0.0183
Highbury Ave SB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	105 increasing to 115	30.0	30 Hertz	Southbound	0.0179	0.0113
Highbury Ave SB Toward Bradley Ave	Oct 23-19	Bare & Dry	115 increasing to 124	30.0	30 Hertz	Southbound	0.0224	0.0117
Highbury Ave SB Passing Bradley Ave Overpass	Oct 23-19	Bare & Dry	121 decreasing to 100	30.0	30 Hertz	Southbound	0.0318	0.0145
Highbury Ave SB Approaching Hwy 401 Overpass	Oct 23-19	Bare & Dry	100 decreasing to 40	30.0	30 Hertz	Southbound	0.0235	0.0146
Highbury Ave NB toward Bradley Ave Overpass	Oct 23-19	Bare & Dry	70 increasing to 123	30.0	30 Hertz	Northbound	0.0331	0.0143
Highbury Ave NB Passing Bradley Ave Overpass Overpass	Oct 23-19	Bare & Dry	123 to 119	30.0	30 Hertz	Northbound	0.0206	0.0116
Highbury Ave NB Approaching Commissioners Rd Overpass	Oct 23-19	Bare & Dry	119 decreasing to 100	30.0	30 Hertz	Northbound	0.0206	0.0122
Highbury Ave NB Passing Commissioners Rd Overpass	Oct 23-19	Bare & Dry	100 to 104	30.0	30 Hertz	Northbound	0.0242	0.0124
Highbury Ave NB Passing Thames River Bridge	Oct 23-19	Bare & Dry	98 decreasing to 80	30.0	30 Hertz	Northbound	0.0231	0.0100
						Run 5	0.0266	0.0139

Overall = 0.0287 0.0140