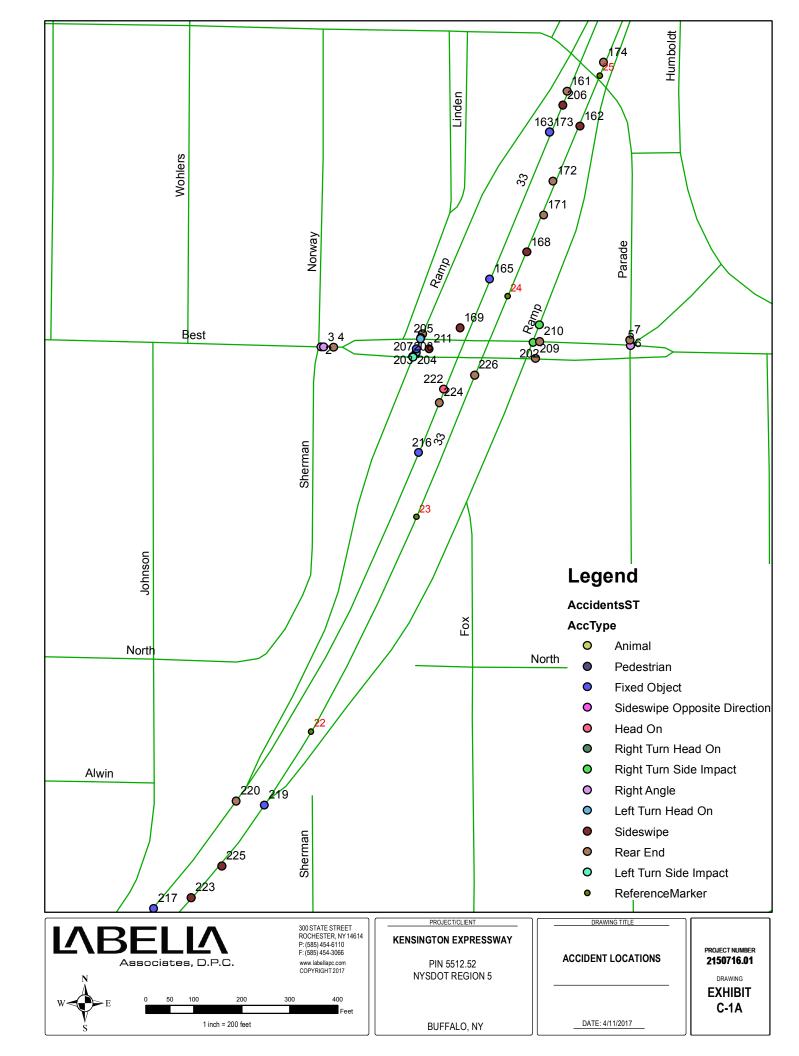
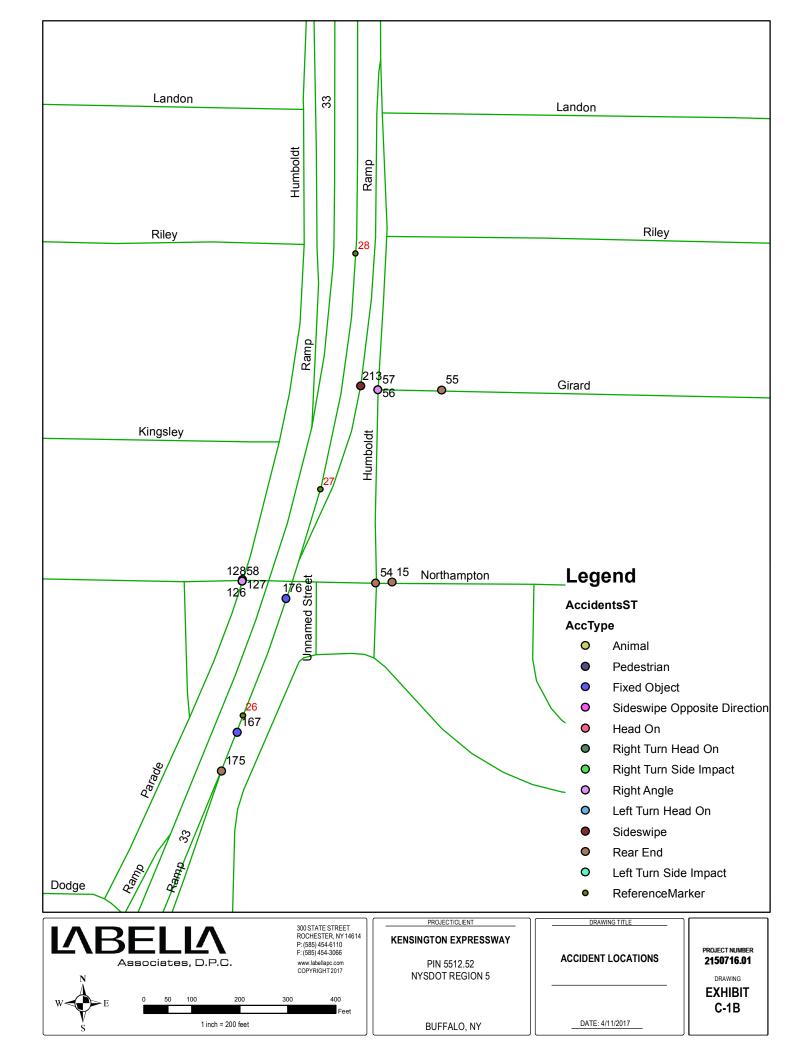
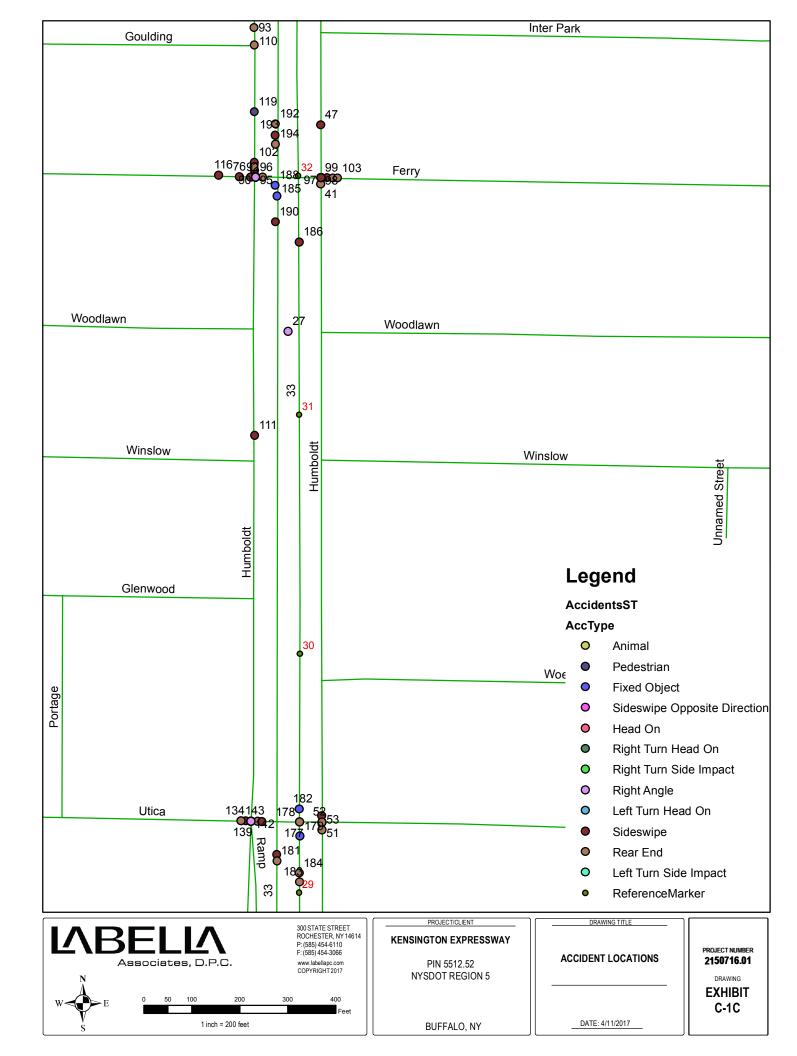
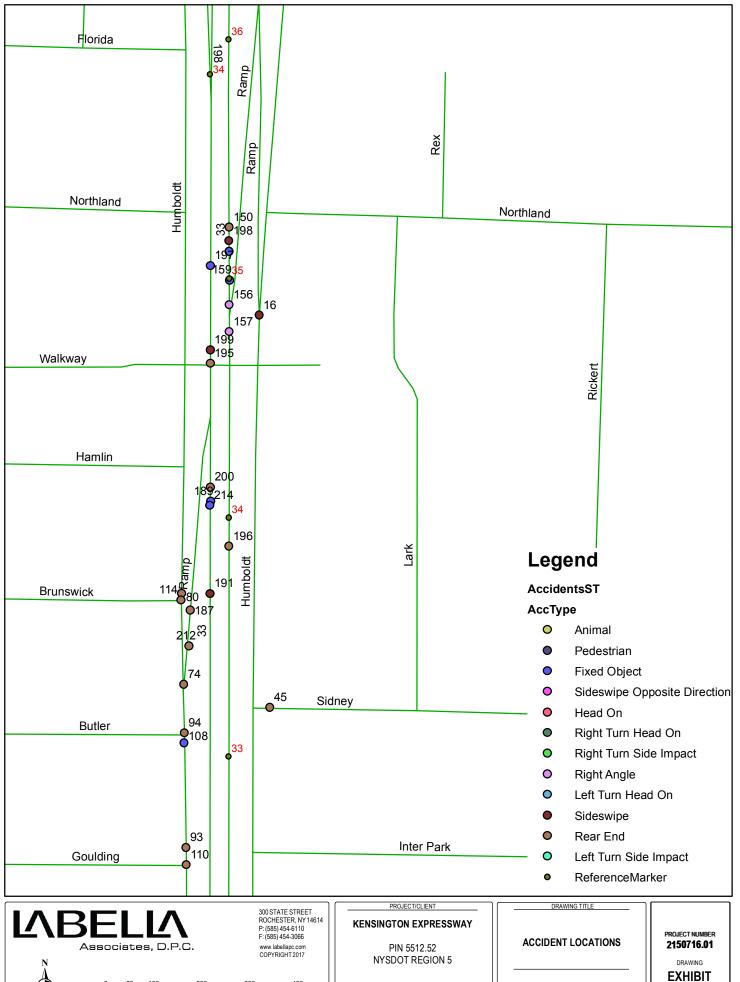
Appendix B5

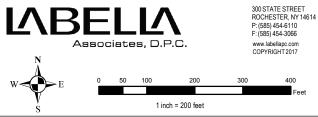
Collision Diagrams and Crash Data











BUFFALO, NY

DATE: 4/11/2017

C-1D

ld	Date	Day	АссТуре	PrimeSt	Intersect	AccDescr	Severity
2	2013-12-22	Sunday		Best St	Norway	Veh2 failed to yield ROW to Veh1 traveling EB on Best St	1
3	2014-02-28	Friday	Right Angle	Best St	Norway	Veh1 SB on Norway stopped at STOP sign then proceeded. Did not see Veh2 due to	1
4	2015-04-01	Wednesday	Rear End	Best St	Norway	Veh1 slowed as approaching Veh2 stopped at signal. Veh1 struck rear of Veh2 when it	2
5	2014-10-24	Friday	Right Turn Head Or	Best St	W Parade Ave	Veh2 made right turn onto W Parade when Veh1 made illegal left turn from W Parade.	2
6	2013-12-25	Wednesday	Right Angle	Best St	W Parade Ave	Veh1 SB on Parade struck Veh2 WB. Veh2 failed to stop for red light	1
7	2014-02-28	Friday	Rear End	W Parade Ave	Best	Veh2 stopped at red light when Veh1 ran into rear	1
15	2016-06-18	Saturday	Rear End	Northampton	Humboldt Pkwy N	Veh2 slowed to turn left when Veh1 approaching from rear failed to yield	2
16	2014-03-15	Saturday	Sideswipe	Humboldt Pkwy N	NY 198N Ramp	Veh1 sideswiped parked Veh2	1
32	2013-08-16	Friday	Left Turn Side Impa	Humboldt Pkwy N	E Ferry	Both vehicles NB, both turning left, Veh 2 cut in front of Veh1	1
33	2013-12-02	Monday		E Ferry	Humboldt Pkwy N	Veh1 EB on E Ferry was struck by Veh2. Veh1 alledgedly ran red light	2
34	2014-02-07	Friday			E Ferry	Veh1 EB on E Ferry ran red light struck Veh2	1
35	2014-02-02	Sunday	Right Angle	Humboldt Pkwy N	E Ferry	Right angle collision when one vehicle ran red light	2
36	2014-03-16	Sunday		E Ferry	Humboldt Pkwy N	Veh1 EB Veh2 NB someone ran red light	1
37	2014-05-18	Sunday		E Ferry	Humboldt Pkwy N	Veh1 NB and Veh2 EB collided in intersection. Both claim to have green light.	2
38	2014-07-08	Tuesday		E Ferry	Humboldt Pkwy N	Veh1 EB ran red light and struck Veh2 NB broadside which spun and struck Veh3 on I	
39	2014-08-22	Friday		Humboldt Pkwy S	E Ferry	Veh2 WB on E Ferry with green indicatiion was struck by Veh1 SB on Humbldt thru re	2
40	2014-10-05	Sunday		E Ferry	Humboldt Pkwy N	Veh1 struck Veh2	1
41	2014-02-13	Friday	Rear End	Humboldt Pkwy N	E Ferry	Veh 1 stopped for red light, Veh2 following did not stop	2
42	2015-02-02	Monday		E Ferry	Humboldt Pkwy N	Veh1 tried to stop for red light but icy road caused to enter intersection where collision	1
43	2015-02-28	Saturday	U U	Humboldt Pkwy N	E Ferry	Veh2 hit by Veh1 who had run red light	2
44	2015-05-26	Tuesday		E Ferry	Humboldt Pkwy S	Veh1 struck Veh2 not having stopped for red light	2
45	2015-08-28	Friday		Sidney St	Humboldt Pkwy N	Veh2 stopped at stop sign Veh1 failed to stop and struck Veh2	1
46	2014-03-24	Monday		,	E Ferry	One vehicle ran red light and caused right angle accident	1
47	2015-11-15	Sunday		,	E Ferry	Veh1 NB struck parked Veh2	1
48	2015-11-20	Friday			E Ferry	Veh1 passed stopped traffic, entered intersection and struck ambulance EB	2
49	2016-01-25	Monday		,	E Ferry	Veh1 EB struck Veh2 NB.	2
50	2016-03-03	Thursday			E Ferry	Veh1 NB struck Veh2 WB. Veh2 ran red light	2
51	2013-12-17	Tuesday			E Utica	Veh2 slid through red light and struck Veh1	1
52	2015-08-30	Sunday			E Utica	Veh1 failed to yield	2
53	2015-10-30	Friday			E Utica	Veh2 stopped at red light while at intersection and Veh1 struck Veh2	2
54	2013-08-21	Wednesday		Humboldt Pkwy N	Northampton	Veh2 hit Veh1 which was holding at signal	1
55	2014-05-14	Wednesday		Girard	Humboldt Pkwy N	Veh 1 wrong way on Girard struck parked car which rolled and struck third car.	1
56	2015-08-02	Sunday		Girard	Humboldt Pkwy N	Veh1 failed to stop WB from Girard ran into guiderail along west side of Humboldt, the	1
57	2015-09-15	Tuesday	3 . 3 .	Girard	Humboldt Pkwy N	Veh did not see other veh coming and pulled into intersection	2
58	2015-11-27	Friday	0	Humboldt Pkwy S	Northampton	Veh1 WB ran red light striking Veh2	1
71	2013-09-14	Saturday	9 . 9 .	E Ferry	Humboldt Pkwy S	Veh1 WB struck Veh2 SB then spun and hit Veh3. Veh1 ran red light	2
72	2013-09-30	Monday		E Ferry	Humboldt Pkwy S	Stopped at signal when hit by second veh	2
73	2013-12-15	Sunday		E Ferry	Humboldt Pkwy N	Veh entered intersection against red signal when unable to stop on icy conditions	2
74	2013-12-19	Thursday		Humboldt Pkwy S	Brunswick	Exiting NY 33W when third car slowed abruptly, following failed to slow	1
75	2013-12-17	Tuesday		,	E Ferry	Rear end one veh stopped following did not	1
76	2013-12-01	Sunday		E Ferry	Humboldt Pkwy S	Veh1 turned right from left lane and struck Veh2 in right lane	2
77	2013-12-19	Thursday		E Ferry	Humboldt Pkwy S	Veh1 hit Veh2 who then hit Veh3	2
78	2014-01-03	Friday		,	E Ferry	Veh1 NB failed to stop for red and struck Veh2(Bus) EB	2
79	2014-01-03	Friday	Sideswipe	E Ferry	Humboldt Pkwy N	Veh tried to pass with insufficient clearance	1

Crash History_xlsx

ld	Date	Day	AccType	PrimeSt	Intersect	AccDescr	Severity
80	2014-02-27	Thursday	Rear End	Humboldt Pkwy S	Brunswick	Both SB following struck leading Veh	1
81	2014-01-30	Thursday	Rear End	E Ferry	Humboldt Pkwy S	Veh skidded on ice and hit veh ahead stopped for traffic	1
82	2014-02-21	Friday	Sideswipe	Humboldt Pkwy S	E Ferry	Veh made right turn from thru lane striking veh in right turn lane	1
83	2014-04-01	Tuesday	Right Angle	Humboldt Pkwy S	E Ferry	Veh1 WB failed to stop on red and struck Veh2 SB	2
84	2014-05-01	Thursday	Right Angle	E Ferry	Humboldt Pkwy N	Veh1 NB struck Veh2 EB when it ran red light	2
85	2015-04-18	Friday	Right Angle	E Ferry	Humboldt Pkwy N	Veh1 WB struck Veh2 NB	2
86	2014-05-21	Wednesday	Right Angle	Humboldt Pkwy S	E Ferry	Veh1 WB struck Veh2 SB then struck Veh3 EB	2
87	2014-09-08	Monday	Right Angle	E Ferry	Humboldt Pkwy N	Veh1 WB ran red light and struck Veh2 NB	2
88	2014-09-13		Sideswipe	E Ferry	Humboldt Pkwy S	Veh collided when one changed lanes abruptly	1
89	2014-11-28	Friday	Rear End	E Ferry	Humboldt Pkwy N	Veh2 stopped for signal was struck by veh1.	1
90	2014-02-13	Friday	Rear End	Humboldt Pkwy S	E Ferry	Veh1 WB stopped at red light Veh2 failed to stop	2
91	2015-02-21	Saturday	Right Angle	E Ferry	Humboldt Pkwy N	Veh1 EB slid into intersection striking Veh2	2
92	2015-02-02	Monday	Right Turn Head Or	E Ferry	Humboldt Pkwy S	Veh1 went wide while turning to WB E Ferry and struck Veh2 EB	1
93	2015-03-18	Wednesday	Rear End	Humboldt Pkwy S	Goulding	Veh1 SB brakes malfunctioned and struck Veh2 from behind	2
94	2015-04-19	Sunday	Rear End	Humboldt Pkwy S	Butler	Veh1 lost control when turning onto Butler ans struck two parked veh	1
95	2015-06-02	Tuesday	Right Turn Head Or	E Ferry	Humboldt Pkwy S	Veh1 stopped EB when Veh2 SB rightturn went wide and struck Veh1	1
96	2015-04-25	Saturday	Right Turn Side Imp	E Ferry	Humboldt Pkwy S	Veh1 SB made right turn to WB Ferry and collided with Veh2 WB which ran the red lig	nt 2
97	2015-05-02	Saturday	Right Angle	E Ferry	Humboldt Pkwy N	Veh1 EB struck Veh2 NB. Both claim green light	2
98	2015-06-28	Sunday		E Ferry	Humboldt Pkwy N	Veh1 EB ran red light struck Veh2 NB then continued and struck Veh3	2
99	2015-07-07	Tuesday	Right Angle	E Ferry	Humboldt Pkwy N	Veh1 WB ran red light and struck Veh2 NB. Heavy rain	2
100	2015-06-16	Tuesday	Rear End	E Ferry	Humboldt Pkwy S	Veh1 SB ran into Veh2 SB	2
101	2015-07-19	Sunday	Right Angle	E Ferry	Humboldt Pkwy N	Veh1 NB struck Veh2 EB which then hit Veh3 WB stopped. Veh3 rolled backward and	2
102	2015-07-19	Sunday		Humboldt Pkwy S	E Ferry	Veh1 driver fell asleep, sideswiped Veh2 then rear ended Veh3	2
103	2015-07-03	Friday		E Ferry	Humboldt Pkwy N	Veh1 hit rear of Veh2	2
104	2015-08-13	Thursday	Right Angle	Humboldt Pkwy S	E Ferry	Veh1 EB ran red light and struck VEh2 SB	2
105	2015-09-02	Wednesday	Left Turn Head On	E Ferry	Humboldt Pkwy S	Veh2 SB making left turn to EB was struck by Veh1 WB ran red light	1
106	2015-09-04	Friday	Rear End	Humboldt Pkwy S	E Ferry	Veh1 and Veh2 both SB did collide	1
107	2015-09-09	Wednesday	Sideswipe	E Ferry	Humboldt Pkwy S	Veh1 (tractor trailer) swiped Veh2 (Kia)	1
108	2015-11-06	Friday	Fixed Object	Humboldt Pkwy S	Butler	Veh1 swerved to avoid another veh and lost control, exited street and struck house	2
109	2015-11-04	Wednesday	Right Angle	E Ferry	Humboldt Pkwy S	Veh1 SB collided with Veh2 EB. Someone ran red light	1
110	2015-11-12	Thursday		Humboldt Pkwy S	Goulding	Veh1 SB was struck by Veh2 also SB	2
111	2015-11-14	Saturday	Sideswipe	Humboldt Pkwy S	Winslow	Veh1 SB swerved from lane and struck Veh2 parked	1
112	2015-11-24	Tuesday	Left Turn Side Impa	E Ferry	Humboldt Pkwy S	Veh2 SB ran red light to turn left and was struck by Veh1 EB	2
113	2015-12-06	Sunday	Sideswipe	E Ferry	Humboldt Pkwy N	Veh1 made right turn from left lane and did clip Veh2 which was in right lane	1
114	2015-11-28	Saturday		Humboldt Pkwy S	Brunswick	Veh1 failed to stop following Veh2 which stopped for stop sign	2
115	2016-01-30	Saturday		E Ferry	Humboldt Pkwy S	Veh1 EB struck Veh2 SB when one of them ran red light	2
116	2016-02-27	Saturday		E Ferry	Humboldt Pkwy S	Veh1 EB sideswiped parked veh then continued on to strike another parked veh	2
117	2016-03-04	Friday	Right Angle	Humboldt Pkwy S	E Ferry	Veh1 SB struck Veh2 WB. Both claim to have green.	2
118	2016-03-19	Saturday		Humboldt Pkwy S	E Ferry	Veh2 ran red light and struck Veh1	1
119	2016-04-26	Tuesday	Pedestrian	Humboldt Pkwy S	Goulding	veh backing out of driveway struck pedestrian then left the scene	2
120	2016-03-18	Friday		E Ferry	Humboldt Pkwy S	Veh1 SB struck Veh2 EB. Both claim green	2
121	2016-04-11	Monday		E Ferry	Humboldt Pkwy S	Veh1 backed into Veh2 as both were stopped at signal	1

Crash History_xlsx

Humboldt Parkway

City of Buffalo, Erie County New York

Best Street

ld	Date	Day	AccType	PrimeSt	Intersect	AccDescr	Severity
122	2016-06-03	Friday	Right Angle	Humboldt Pkwy S	E Ferry	Veh2 SB Veh1 WB one of them ran red light	2
123	2016-06-26	Sunday	Right Angle	E Ferry	Humboldt Pkwy S	Veh2 ran red light EB was struck by Veh1 SB	2
124	2013-09-07	Saturday	Right Angle	Humboldt Pkwy S	Northampton	Veh2 WB was struck by Veh1 SB.	2
125	2014-08-31	Sunday	Rear End	Northampton	Humboldt Pkwy S	Veh1 did strike Veh2 which was stopped at intersection, then Veh 1 struck driver of Ve	2
126	2015-02-17	Tuesday	Rear End	Humboldt Pkwy S	Northampton	Very slippery roadway could not stop	1
127	2015-08-07	Friday	Right Angle	Northampton	Humboldt Pkwy S	Veh1 SB struck police car enroute to emergency WB	2
128	2015-08-30	Sunday	Right Angle	Northampton	Humboldt Pkwy S	Veh1 slid through stop sign and struck Veh2	2
129	2013-08-29	Thursday	Sideswipe	Humboldt Pkwy S	E Utica	Veh 2 stopped for veh1 waiting to make left from Humboldt Pkwy was sideswiped by tr	1
130	2013-10-06	Sunday	Rear End	E Utica	Humboldt Pkwy S	VEh2 stopped at signal WB when Veh1 rear end and fled west	2
131	2013-10-22	Tuesday	Right Angle	E Utica	Humboldt Pkwy S	Struck from Rt side front end	2
132	2013-12-02	Monday	Sideswipe	E Utica	Humboldt Pkwy S	Both veh making rt turn from adjacent lanes did collide	2
133	2014-02-09	Sunday	Sideswipe	Humboldt Pkwy N	E Utica	Veh2 NB preparing to park was struck by Veh1 NB	2
134	2014-08-06	Wednesday	Pedestrian	E Utica	Humboldt Pkwy S	Pedestrian waiting for bus was struck by veh backing out of driveway	2
135	2014-08-19	Tuesday	Rear End	Humboldt Pkwy S	E Utica	Veh2 rear ended Veh1 who was waiting at light	2
136	2015-04-07	Tuesday	Right Angle	E Utica	Humboldt Pkwy S	Veh1 on E Utica had green to make left when Veh2 ran red light	2
137	2015-06-07	Sunday	Right Angle	Humboldt Pkwy S	E Utica	Veh1 EB struck Veh2 SB	2
138	2015-06-25	Thursday	Right Angle	Humboldt Pkwy S	E Utica	Veh1 EB and Veh2 SB both claim green light	2
139	2015-07-23	Thursday	Right Angle	, , , , , , , , , ,	E Utica	Veh1 WB collided with Veh2 and Veh3 both SB. Veh 1 claims green	2
140	2015-09-05	Saturday	Rear End	Humboldt Pkwy N	E Utica	Veh2 stopped at light and Veh1 ran into Veh2	1
141	2015-10-17	Saturday	Sideswipe	E Utica	Humboldt Pkwy S	As Veh2 slowed to make left turn Veh1 swerved to go around but collided with Veh2	1
142	2015-11-10	Tuesday	Right Angle	Humboldt Pkwy S	E Utica	Veh1 SB collided with Veh2 WB	2
143	2016-01-09	Saturday	Rear End		Humboldt Pkwy S	Veh2 did not move when light went green and Veh1 approaching did not stop and stru-	2
164	2014-10-24	Friday	Rear End	Ramp NY 33W to B	Best	Following Veh failed to stop when lead veh slowed	1
201	2013-08-02	Friday	Left Turn Head On	Best St	NY 33W Exit Ramp	Veh2 making left turn onto Best was struck by Veh1 WB	1
202	2013-09-12	Thursday	Right Turn Side Imp	Best St	NY 33E on ramp	Veh1 turned right onto ramp and struck Veh2 NB through intersection from NY 33E ex	1
203	2014-06-10	Tuesday	Fixed Object	Best St	NY 33W Exit Ramp	Veh1 made left from ramp to Best St and struck median	2
204	2014-10-16	Thursday	Left Turn Side Impa	Best St	NY 33W Exit Ramp	Veh1 made left turn and was struck by Veh2 EB through intersection	1
205	2014-11-21	Friday	Left Turn Head On		NY 33W Exit Ramp	eh2 made left turn from ramp struck by Veh1 WB. Both claim green light	2
207	2015-04-28	Tuesday	Right Angle		NY 33W Exit Ramp	Veh2 bicycle EB hit by Veh1 SB. Veh1 alledged to run red light, also left scene	2
208	2015-07-10	Friday	Left Turn Side Impa	Best St	NY 33W exit ramp	Veh1 EB ran yellow when Veh2 made left turn before green	1
209	2015-09-22	Tuesday	Rear End		NY 33W on ramp	Veh1 accidentally stepped on gas	1
210	2016-02-29	Wednesday	Rear End	Best St	NY 33E on ramp	Following Veh failed to stop when lead veh slowed to merge	2
211	2016-04-10	Sunday	Sideswipe	Best St	NY 33W Exit ramp	Veh2 sideswiped in hit and run	1

150 34933825 2013-09 155 35119587 2013-12 156 35191324 2014-02 157 35659216 2015-03 159 35721692 2015-03 160 35848436 2015-07 161 35195673 2014-01 162 35169728 2014-02 163 35239266 2014-03 165 35655167 2015-04 167 35119757 2013-12 168 35171144 2014-03 169 35205823 2014-02 170 35390664 2014-08 171 35659431 2015-03 172 35719863 2015-03 173 35786074 2015-04 174 36030094 2015-04 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-09 178 35113976 2013-02 179	-19 Saturday -19 Saturday -24 Tuesday -24 Tuesday -27 Thursday -14 Saturday -30 Monday -06 Monday -29 Wednesday -01 Saturday -29 Saturday -07 Wednesday -29 Wednesday -27 Thursday -29 Wednesday -27 Thursday -27 Thursday -27 Thursday -27 Thursday -37 Wednesday -47 Thursday -47 Wednesday -48 Thursday -49 Wednesday -49 Wednesday -40 Thursday -40 Saturday -41 Saturday -43 Friday -44 Saturday -43 Friday	AccType 4 1 9 4 4 9 9 1 2 9 9 1 2 5 1 1 9 1 1 9 1 1 9 1 1	Buffalo	PrimeSt NY 33 NY 33E NY 33W NY 33W NY 33W NY 33W NY 33W NY 33W NY 33E	Intersect Woodlawn Ramp to NY 198 NY 198 Ramp 198 WB NY 198 ramp 198 exit Ramp 198 Best St	Veh1 traveling EB (wrong way) on Woodlawn at high rate of state of the veh2 changed lanes suddenly causing Veh1 to strike Veh2 well veh1 hit icy spot spun out and hit wall veh1 spunout on ice and hit Veh veh2 alledges being clipped by unkown third veh causing to state Veh2 alledges being clipped by unkown third veh causing to state Veh1 lost control when changing lanes and struck median barrier veh1 lost control when changing lanes and struck the wall the traffic stopped quickly due to another accident. Veh2 could reflect veh1 clipped veh2 then spun out and struck wall spun out and struck wall on right veh1 lost control will on right veh1 lost control will changing lanes and struck veh2 lcy conditions caused veh1 to spin out striking veh2 lcy conditions caused veh1 to spin out striking veh2 lost veh attempted to occupy the same lane lend veh attempted to occupy the same lane lend veh EB when following struck leading, causing leading veh1 traveling high rate struck veh2 causing spin then proce veh1 was cut off and hit brakes, which caused loss of control Following veh failed to stop when lead veh slowed Following veh failed to stop when lead veh slowed	Severity 3 1 1 1 2 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1
150 34933825 2013-09 155 35119587 2013-12 156 35191324 2014-02 157 35659216 2015-03 159 35721692 2015-03 160 35848436 2015-07 161 35195673 2014-01 162 35169728 2014-02 163 35239266 2014-03 165 35655167 2015-04 167 35119757 2013-12 168 35171144 2014-04 169 35205823 2014-02 170 35390664 2014-08 171 35659431 2015-03 172 35719863 2015-03 173 35786074 2015-04 174 36030094 2015-04 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-09 178 35113976 2013-12 179	-05 Thursday -24 Tuesday -27 Thursday -14 Saturday -30 Monday -06 Monday -29 Wednesday -07 Saturday -29 Saturday -29 Wednesday -27 Thursday -29 Wednesday -27 Thursday -27 Thursday -07 Thursday -07 Wednesday -07 Thursday -07 Uednesday -07 Thursday -07 Thursday -07 Thursday -07 Uednesday -08 Saturday -09 Saturday -10 Saturday -11 Saturday -12 Tuesday -13 Monday -14 Saturday -14 Saturday	9 4 4 9 9 9 1 2 9 9 2 2 5 1 1 9 9 9	Buffalo	NY 33E NY 33W NY 33 NY 33W NY 33W NY 33E	Ramp to NY 198 NY 198 Ramp 198 WB NY 198 ramp 198 exit Ramp 198 Best St	Veh2 changed lanes suddenly causing Veh1 to strike Veh2 w VEh hit icy spot spun out and hit wall Veh1 spunout on ice and hit Veh Veh2 alledges being clipped by unkown third veh causing to select Veh1 lost control when changing lanes and struck median barrier Veh1 lost control when changing lanes and struck the wall the Traffic stopped quickly due to another accident. Veh2 could not veh1 clipped Veh2 then spun out and struck wall Spun out and struck wall on right Car slid and hit wall on right Veh hit patch of ice and lost control hitting guiderail Veh1 lost control wile changing lanes and struck Veh2 Icy conditions caused Veh1 to spin out striking Veh2 Both veh attempted to occupy the same lane Both Veh EB when following struck leading, causing leading veh1 traveling high rate struck Veh2 causing spin then proce Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	1 2 1 2 1 1 2 1 1 1 1 1 1 1 1 2 1 1
155 35119587 2013-12 156 35191324 2014-02 157 35659216 2015-03 159 35721692 2015-03 160 35848436 2015-07 161 35195673 2014-01 162 35169728 2014-02 163 35239266 2014-03 165 35655167 2015-04 167 35119757 2013-12 168 35171144 2014-04 169 35205823 2014-02 170 35390664 2014-08 171 35659431 2015-03 172 35719863 2015-03 173 35786074 2015-04 174 36030094 2015-04 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-09 178 35113976 2013-09 178 35113976 2013-12 179	-24 Tuesday -27 Thursday -14 Saturday -30 Monday -06 Monday -29 Wednesday -07 Saturday -29 Saturday -29 Wednesday -29 Wednesday -27 Thursday -28 Wednesday -29 Wednesday -29 Wednesday -27 Thursday -29 Thursday -20 Wednesday -21 Tuesday -21 Tuesday -23 Monday -24 Saturday -34 Saturday -39 Monday -39 Monday -30 Monday -31 Saturday	4 4 9 9 9 1 2 9 9 9 2 2 5 1 1 9 9	Buffalo	NY 33E NY 33E NY 33E NY 33E NY 33E NY 33W NY 33W NY 33W NY 33W NY 33E NY 33E	NY 198 Ramp 198 WB NY 198 ramp 198 exit Ramp 198 Best St	VEh hit icy spot spun out and hit wall Veh1 spunout on ice and hit Veh Veh2 alledges being clipped by unkown third veh causing to a Veh locked brakes and lost control then struck median barrier Veh1 lost control when changing lanes and struck the wall the Traffic stopped quickly due to another accident. Veh2 could not veh1 clipped Veh2 then spun out and struck wall Spun out and struck wall on right Car slid and hit wall on right Veh hit patch of ice and lost control hitting guiderail Veh1 lost control wile changing lanes and struck Veh2 Icy conditions caused Veh1 to spin out striking Veh2 Both veh attempted to occupy the same lane Both Veh EB when following struck leading, causing leading veh1 traveling high rate struck Veh2 causing spin then proce Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	1 2 1 2 1 1 2 1 1 1 1 1 1 1 1 2 1 1
156 35191324 2014-02 157 35659216 2015-02 159 35721692 2015-03 160 35848436 2015-07 161 35195673 2014-01 162 35169728 2014-02 163 35239266 2014-03 165 35655167 2015-04 167 35119757 2013-12 168 35171144 2014-02 169 35205823 2014-02 170 35390664 2014-08 171 35659431 2015-03 172 35719863 2015-03 173 35786074 2015-04 174 36030094 2015-04 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-09 178 35113976 2013-02 179 35122272 2014-01 180 35171548 2014-02 181	-27 Thursday -14 Saturday -30 Monday -06 Monday -29 Wednesday -01 Saturday -29 Saturday -07 Wednesday -26 Thursday -07 Thursday -07 Wednesday -07 Thursday -07 Wednesday -07 Thursday -07 Saturday -07 Saturday -11 Tuesday -20 Monday -21 Tuesday -30 Monday -14 Saturday -30 Monday -14 Saturday	4 4 9 9 9 1 2 9 9 9 2 2 5 1 1 9 9	Buffalo	NY 33E NY 33E NY 33E NY 33E NY 33W NY 33 NY 33W NY 33W NY 33E NY 33E	198 WB NY 198 ramp 198 exit Ramp 198 Best St	Veh1 spunout on ice and hit Veh Veh2 alledges being clipped by unkown third veh causing to selected brakes and lost control then struck median barrier veh1 lost control when changing lanes and struck the wall the Traffic stopped quickly due to another accident. Veh2 could not veh1 clipped Veh2 then spun out and struck wall spun out and struck wall on right Car slid and hit wall on right Veh hit patch of ice and lost control hitting guiderail Veh1 lost control wile changing lanes and struck Veh2 Icy conditions caused Veh1 to spin out striking Veh2 Both veh attempted to occupy the same lane Both Veh EB when following struck leading, causing leading veh1 traveling high rate struck Veh2 causing spin then proce Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	1 2 1 1 2 1 1 1 1 1 1 1 2 1 1 1 1 2 1 1
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165 35655167 2015-01 167 35119757 2013-12 168 35171144 2014-02 169 35205823 2014-02 170 35390664 2014-02 171 35659431 2015-03 172 35719863 2015-03 173 35786074 2015-04 174 36030094 2015-11 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-03 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-01 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-07 Wednesday -26 Thursday -29 Wednesday -07 Thursday -07 Wednesday -07 Saturday -07 Saturday -21 Tuesday -30 Monday -26 Thursday -14 Saturday -30 Monday -14 Saturday	9 9 2 2 5 1 1 9 1 1 9	Buffalo	NY 33W NY 33E NY 33E NY 33 Ramp NY 33E NY 33E NY 33E NY 33W NY 33E NY 33E	Best St Best Ramp	Car slid and hit wall on right Veh hit patch of ice and lost control hitting guiderail Veh1 lost control wile changing lanes and struck Veh2 Icy conditions caused Veh1 to spin out striking Veh2 Both veh attempted to occupy the same lane Both Veh EB when following struck leading, causing leading Veh1 traveling high rate struck Veh2 causing spin then proce Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	1 1 1 1 1 2 1
167 35119757 2013-12 168 35171144 2014-01 169 35205823 2014-02 170 35390664 2014-02 171 35659431 2015-03 172 35719863 2015-03 173 35786074 2015-04 174 36030094 2015-11 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-03 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-01 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-26 Thursday -29 Wednesday -27 Thursday -07 Thursday -07 Wednesday -07 Saturday -21 Tuesday -30 Monday -26 Thursday -14 Saturday -30 Monday -30 Monday	9 2 2 5 1 1 9 1 1 9 9	Buffalo	NY 33E NY 33E NY 33 Ramp NY 33E NY 33E NY 33E NY 33W NY 33E NY 33E	Best St Best Ramp	Veh hit patch of ice and lost control hitting guiderail Veh1 lost control wile changing lanes and struck Veh2 Icy conditions caused Veh1 to spin out striking Veh2 Both veh attempted to occupy the same lane Both Veh EB when following struck leading, causing leading Veh1 traveling high rate struck Veh2 causing spin then proce Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	2 1 1
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169 35205823 2014-02 170 35390664 2014-08 171 35659431 2015-01 172 35719863 2015-02 173 35786074 2015-04 174 36030094 2015-04 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-09 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-02 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-27 Thursday -07 Thursday -07 Wednesday -07 Saturday -21 Tuesday -30 Monday -26 Thursday -14 Saturday -30 Monday -31 Monday -32 Monday -33 Monday -34 Saturday	2 5 1 1 9 1 1 9	Buffalo	NY 33 Ramp NY 33E NY 33E NY 33E NY 33W NY 33E NY 33E	Best St Best St Best St Best St Best St Best Ramp	lcy conditions caused Veh1 to spin out striking Veh2 Both veh attempted to occupy the same lane Both Veh EB when following struck leading, causing leading 'Veh1 traveling high rate struck Veh2 causing spin then proce Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	2 1 1
170 35390664 2014-08 171 35659431 2015-01 172 35719863 2015-03 173 35786074 2015-04 174 36030094 2015-11 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-05 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-02 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-07 Thursday -07 Wednesday -07 Saturday -21 Tuesday -30 Monday -26 Thursday -14 Saturday -30 Monday -14 Saturday	5 1 1 9 1 1 9 9	Buffalo Buffalo Buffalo Buffalo Buffalo Buffalo Buffalo Buffalo	Ramp NY 33E NY 33E NY 33E NY 33W NY 33E NY 33E	Best St Best St Best St Best Ramp	Both veh attempted to occupy the same lane Both Veh EB when following struck leading, causing leading \text{Veh1 traveling high rate struck Veh2 causing spin then proce} Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	2 1 1
171 35659431 2015-01 172 35719863 2015-03 173 35786074 2015-04 174 36030094 2015-11 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-05 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-02 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-07 Wednesday -07 Saturday -21 Tuesday -30 Monday -26 Thursday -14 Saturday -30 Monday -14 Saturday	1 1 9 1 1 9 9	Buffalo Buffalo Buffalo Buffalo Buffalo Buffalo	NY 33E NY 33E NY 33W NY 33E NY 33E	Best St Best St Best Ramp	Both Veh EB when following struck leading, causing leading Veh1 traveling high rate struck Veh2 causing spin then proce Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	2 1 1
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173 35786074 2015-04 174 36030094 2015-11 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-05 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-02 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-21 Tuesday -30 Monday -26 Thursday -14 Saturday -30 Monday -14 Saturday	9 1 1 9 9	Buffalo Buffalo Buffalo Buffalo	NY 33W NY 33E NY 33E	Best Ramp	Veh1 was cut off and hit brakes, which caused loss of control Following Veh failed to stop when lead veh slowed	1
174 36030094 2015-11 175 36292197 2016-05 176 35113975 2014-12 177 34954870 2013-05 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-02 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-30 Monday -26 Thursday -14 Saturday -30 Monday -14 Saturday	1 1 9 9	Buffalo Buffalo Buffalo	NY 33E NY 33E		Following Veh failed to stop when lead veh slowed	 -
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176 35113975 2014-12 177 34954870 2013-09 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-02 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-14 Saturday -30 Monday -14 Saturday	9	Buffalo				1
177 34954870 2013-09 178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-01 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-30 Monday -14 Saturday	9			Northampton	Veh1 spun out on ice	2
178 35113976 2013-12 179 35122272 2014-01 180 35171548 2014-02 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02	-14 Saturday		Dullalo	NY 33E	E Utica	Veh1 swerved to avoid Veh2 and lost control and hit median	1
179 35122272 2014-01 180 35171548 2014-01 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02		l I	Buffalo		E Utica	Following Veh failed to stope when lead veh slowed	2
180 35171548 2014-01 181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02		9	Buffalo	NY 33E	E Utica	Veh spun out on ice then struck wall	2
181 35171391 2014-02 182 35660932 2015-02 183 35651147 2015-02		2	Buffalo	NY 33W	E Utica	Vehi spuriod of ice their struck wall. Vehi swerved to avoid a third veh cutting into middle lane an	1
182 35660932 2015-02 183 35651147 2015-02		1		NY 33W	E Utica	Veh1 swelved to avoid a tillid veh cutting into middle lane and Veh1 came to stop in middle lane, Veh2 could not stop and s	1
183 35651147 2015-02	-04 Wednesday	9	Buffalo	NY 33E	E Utica	Veh1 spun on ice then hit barrier	2
		1	Buffalo	NY 33E	E Utica	Following Veh failed to stop when lead veh slowed	2
	-04 Tuesday	1	Buffalo	NY 33E	E Utica	Following Veh failed to stope when lead veh slowed	1
	-11 Saturday	9	Buffalo	NY 33W	S of E Ferry	Veh1 change lanes from left to right, lost control, clipped Veh	2
	-11 Thursday	2	Buffalo	NY 33E	0.5 mi S of NY198	Veh1 change lanes and clipped Veh2	1
	-07 Wednesday	1	Buffalo	NY 33W	Ferry St Ramp	Following Veh failed to stope when lead veh slowed for const	1
	-29 Sunday	9	Buffalo	NY 33W	E Ferry	Veh1 swerved to right and struck wall then swerved left and s	2
	-11 Monday	9	Buffalo	NY 33W	E of Ferry St Ramp	Veh1 lost traction on wet pavement and struck median barrie	2
I	-11 Tuesday	2	Buffalo	NY 33W	E Ferry	Both veh collided when attempting to merge into same lane q	2
I	-27 Thursday	2	_	NY 33W	Ferry St Ramp	Veh2 attemted to pass on right on the shoulder and swiped V	1
	-17 Tuesday	1	Buffalo	NY 33W	E Ferry	Following Veh failed to stop when lead veh slowed for disable	2
	-25 Saturday	2	_	NY 33W	E Ferry	Veh1 struck side of Veh2 when passing, Veh1 hit median	1
	-03 Saturday	1		NY 33W	E Ferry	Following Veh failed to stope when lead veh slowed	2
	-12 Thursday	1	_	NY 33W	N of E Ferry Ramp	Following Veh failed to stope when lead veh slowed to merge	2
	-17 Tuesday	1		NY 33E	it of E i only itamp	Following Veh failed to stope when lead veh slowed to merge	2
	-16 Sunday	9		NY 33W	E Delevan	Veh1 slid on pavement striking snow pile on west side of road	2
	-24 Tuesday	2		NY 33E	S of NY 198	Veh2 struck Veh1 while passing on left	1
	-30 Friday	2		NY 33W	Ferry St Ramp	Vehi2 struck Vehi2 while changing lanes	1
	-11 Thursday	1		NY 33W	i ony ot ramp	Following Veh failed to stope when lead veh slowed for traffic	1
	-23 Sunday	2		NY 33W	Best St	Hit and run sideswipe on expressway	2
	-06 Thursday	1			Exit to E Ferry St	Following Veh failed to stope when lead veh slowed to merge	2
	-27 Thursday	2		Ramp NY 33E	EXILIO E I GITY OL	Veh1 attempted to pass on left on ramp with no clearance	1
214 35595903 2014-11		9	_	NY 33W	Humboldt Exit	Veh1 WB lost control and hit guide rail	1

216	35027188	2013-11-01 Friday	9	Buffalo	NY 33W	Best St	Veh2 changed lanes into Veh1 path causing Veh1 to swerve	2
217	35088175	2013-11-28 Thursday	9	Buffalo	NY 33W	High St	Veh1 struck wall	2
218	35088142	2013-11-29 Friday	9	Buffalo	NY 33E	High St	Veh1 swerved to avoid Veh2 and hit barrier	2
219	35151189	2014-01-13 Wednesday	9	Buffalo	NY 33E	Best St Ramp	Hit tool box in road	1
220	35213546	2014-03-28 Friday	1	Buffalo	NY 33W	Best St On Ramp	Veh1 struck veh2 while attempting to pass on left then struck	1
222	35235473	2014-04-07 Monday	7	Buffalo	NY 33W	Best St	Veh1 hit wall then spun and was struck by Veh2	1
223	35458542	2014-09-24 Wednesday	2	Buffalo	NY 33	High St		1
224	35606860	2015-01-08 Thursday	1	Buffalo	NY 33W	Best St		2
225	36206479	2016-04-29 Friday	2	Buffalo	NY 33E	Best St Exit Ramp	Veh in left lane and veh in middle lane collided causing veh 2	2
226	36316109	2016-06-24 Friday	1	Buffalo	NY 33E	Best St	Veh2 rearended then veh1 fled scene	2

Crash History_2.xlsx 2 of 2

INTERSECTION ACCIDENT RATE CALCULATIONS

Rate per MEV = $\frac{\text{\# of Accidents } \times 1,000,000}{\text{Table New of Enterior Websites}} =$

Total No. of Entering Vehicles

Rate = $\frac{\text{\# of Accidents } x = 1,000,000}{\text{Veh./Day x Duration of Study}} =$

Accidents per million entering vehicles (Acc / MEV)

ADT = Peak hour entering volume / k factor

*Accident data is from July 1, 2013 to June 30, 2016

1. NY 33E Ramps Best St

ADT = 1818 VPH / 0.09 = 21140 VPD

Rate = 4 Acc. x 1,000,000 = 0.17 Acc / MEV 21140 VPD x 365 Days x 3.00 Yrs.

2. Humboldt Pkwy N Northampton St

ADT = 246 VPH / 0.08 = 3075 VPD

Rate = 2 Acc. x 1,000,000 = 0.59 Acc / MEV 3075 VPD x 365 Days x 3.00 Yrs.

3. Humboldt Pkwy N E Utica St

ADT = 685 VPH / 0.08 = 8782.1 VPD

Rate = $\frac{5 \text{ Acc.}}{8782.1 \text{ VPD}} \times \frac{1,000,000}{365 \text{ Days}} = \frac{0.52}{3.00 \text{ Yrs.}} = \frac{0.52}{3.00 \text{ MEV}} = \frac{0.52}{3.00 \text{ Vrs.}} = \frac{$

4. Humboldt Pkwy N E Ferry St

ADT = 1193 VPH / 0.08 = 14913 VPD

Rate = 29 Acc. x 1,000,000 = 1.78 Acc / MEV

INTERSECTION ACCIDENT RATE CALCULATIONS

Rate per MEV = $\frac{\text{\# of Accidents } x = 1,000,000}{\text{Total No. of Entering Vehicles}} =$

Rate = $\frac{\text{\# of Accidents x } 1,000,000}{\text{Veh./Day x Duration of Study}} =$

Accidents per million entering vehicles (Acc / MEV)

ADT = Peak hour entering volume / k factor

*Accident data is from July 1, 2013 to June 30, 2016

ROADWAY SEGMENT (MID-BLOCK) ACCIDENT RATE CALCULATIONS

Sectional Length x AADT x Duration of Study

Accidents per million vehicle miles (Acc / MVM)

1. Kensington Expressway- HIgh Street to E Utica Street

2. Kensington Expressway - E Utica St to Northland Ave

ROADWAY SEGMENT (MID-BLOCK) ACCIDENT RATE CALCULATIONS

Rate per MVM = # of Accidents x 1,000,000

Total Vehicle Miles of Travel

of Accidents x 1,000,000 Rate =

Sectional Length x AADT x Duration of Study

Accidents per million vehicle miles (Acc / MVM)

Humboldt Parkway SB- Northampton Street to E Ferry Street

Section length = 0.780 mi

1 - way ADT = 4222

24 Acc. x 1,000,000 Rate = 6.66 Acc / 4222 VPD x 365 Days x 3.00 MVM

2. Humboldt Parkway SB - E Ferry St to Northland Ave

> Section length = 0.300 mi

1 - way ADT = 6100

14 Acc. x 1,000,000 6.99 Acc / Rate = 6100 VPD x 365 Days x 3.00 MVM 0.300

3. **Humboldt Parkway NB- Northampton Street to E Ferry Street**

> Section length = 0.780 mi

1 - way ADT = 3550

Rate = 28 Acc. x 1,000,000 9.23 Acc / 3550 VPD x 365 Days x 3.00 0.780 MVM

Humboldt Parkway NB - E Ferry St to Northland Ave 4.

> Section length = 0.300 mi

1 - way ADT = 6135

3 Acc. x 1,000,000 1.49 Acc / Rate = mi x 6135 VPD x 365 Days x 3.00 MVM

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM

					T	
MUNICIPALITY		CITY OF BUFFALO	COUNTY	ERIE	FILE Exp³ess ay Accident	Diag³ams.dgn
INTERSECTION		KENSINGTON	EXPRESSWAY - NY33			
PERIOD	3YR	<u>0_</u> M0	FROM 08 / 01 / 2013	TO 07 / 31 / 2016	BY CAE	DATE 4 / 11 / 2017
			SHE			
	GRID NORTH	217.9 218.9		The state of the s	224.5 1, 221.7 226.1 MX 3EE	O BEST ST
			/ //	k A A N I	INIED OF COLL	ICION
		SYMBOLS			INER OF COLL	_1210IA
←—	MOVING VEHI	CLE ← — –	PEDESTRIAN	← → ← RE	AR-END →	← HEAD-ON
←— M—	MOTORCYCLE	← B−	BICYCLE	< ₹ SIC	DE-SWIPE —>	LEFT-TURN
←→→→	BACKING VEH	HICLE	FIXED OBJECT	< √ 0U	T OF CONTROL	RIGHT-ANGLE
←	STOPPED VEH	HICLE	PERSONAL INJURY		IDDING	
	PARKED VEH	ICLE	FATAL INJURY	<u>← 0</u> 0VI	ERTURNED	

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE Exp³ess ay Accident Diag³ams.dgn INTERSECTION KENSINGTON EXPRESSWAY - NY33 BY _____ DATE _4 / 11 / 2017 PERIOD __3_YR _0_M0 FROM 08 / 01 / 2013 TO 07 / 31 / 2016 GRID NORTH PARADE AVE BEST ST BEST ST

SYMBOLS MANNER OF COLLISION MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE STOPPED VEHICLE 0 PERSONAL INJURY SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE Exp³ess ay Accident Diag³ams.dgn INTERSECTION KENSINGTON EXPRESSWAY - NY33 __3__YR __0_M0 PERIOD FROM 08 / 01 / 2013 TO 07 / 31 / 2016 BY _____ DATE _4 / 11 / 2017 $| \cdot |$ WOEPPEL ST $| \cdot |$ GRID NORTH PK WY HUMBOLDT \perp SOUTH E UTICA ST E UTICA ST HUMBOLDT PKWY \perp \perp LANDON ST 1.1 LANDON ST SYMBOLS MANNER OF COLLISION MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN -B-BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE STOPPED VEHICLE 0 PERSONAL INJURY SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE Exp³ess ay Accident Diag³ams.dgn INTERSECTION KENSINGTON EXPRESSWAY - NY33 PERIOD __3__YR __0__M0 FROM 08 / 01 /2013 TO 07 / 31 /2016 BY _____ DATE __4 / 11 / 2017 187_1 GRID NORTH **†** INTER PARK AVE GOULDING AVE ž 192|1 | 194<u>-</u>1 HUMBOLDT PKWY SOUTH E FERRY ST HUMBOLDT PKWY NORTH E FERRY ST \perp SYMBOLS MANNER OF COLLISION MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN -B-BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE STOPPED VEHICLE 0 PERSONAL INJURY SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE Exp³ess ay Accident Diag³ams.dgn INTERSECTION KENSINGTON EXPRESSWAY - NY33 PERIOD __3__YR___0_M0 FROM 08 / 01 / 2013 TO 07 / 31 / 2016 BY _____ DATE _4 / 11 / 2017 NORTHLAND AVE NORTHLAND AVE GRID NORTH 198_2 PKWY SOUTH HUMBOLDT PKWY NORTH HUMBOLDT 157_4 199_2 PEDESTRIAN BRIDGE 33 إ∑ 200_1 HAMLIN RD 214_9 SYMBOLS MANNER OF COLLISION MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN - B-BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE STOPPED VEHICLE 0 PERSONAL INJURY SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE ACCIDENT DIAGRAMS.DGN INTERSECTION BEST STREET AT NY 33 WB RAMPS PERIOD __3__YR __0_M0 FROM 08 / 01 / 2013 TO 07 / 31 / 2016 BY _____ CAE ___ DATE ___ 04 / 11 / 2017 ← 210_1 BEST ST GRID NORTH SYMBOLS MANNER OF COLLISION MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN **←** B− BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE STOPPED VEHICLE 0 PERSONAL INJURY SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE ACCIDENT DIAGRAMS.DGN INTERSECTION BEST STREET AT NY 33 WB RAMPS BY _____ CAE ___ DATE ___ 04 / 11 / 2017 PERIOD __3_YR__0_M0 FROM 08 / 01 / 2013 TO 07 / 31 / 2016 **NORWAY PARK** BEST ST 203_9 SHERMAN ST GRID North COLLISION SYMBOLS OF MANNER MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE STOPPED VEHICLE 0 PERSONAL INJURY SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE ACCIDENT DIAGRAMS.DGN INTERSECTION BEST STREET AT NY 33 WB RAMPS FROM 08 / 01 / 2013 TO 07 / 31 / 2016 BY _____ CAE ___ DATE _____ 04 / 11 / 2017 PERIOD __3__YR __0_M0 NORTHAMPTON ST W PARADE AVE GRID NORTH SYMBOLS COLLISION MANNER OF MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN **←** B− BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE PERSONAL INJURY STOPPED VEHICLE 0 SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE ACCIDENT DIAGRAMS.DGN BEST STREET AT NY 33 WB RAMPS INTERSECTION FROM 08 / 01 / 2013 TO 07 / 31 / 2016 BY _____ CAE ___ DATE ___ 04 / 11 / 2017 PERIOD __3_YR__0_M0 HUMBOLDT PKWY NORTH **a a** ← 15-1 NORTHAMPTON ST GRID NORTH SCIENCE MUSEUM SYMBOLS MANNER OF COLLISION MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN **←** B− BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE PERSONAL INJURY STOPPED VEHICLE 0 SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY CITY OF BUFFALO COUNTY ERIE FILE ACCIDENT DIAGRAMS.DGN BEST STREET AT NY 33 WB RAMPS INTERSECTION BY _____ CAE ___ DATE __ 04 / 11 / 2017 PERIOD __3__YR___0_M0 FROM 08 / 01 / 2013 TO 07 / 31 / 2016 HUMBOLDT PKWY NORTH 135_1 129_2 E UTICA ST 51_4 HUMBOLDT PKWY SOUTH GRID NORTH SYMBOLS MANNER OF COLLISION MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN **←** B− BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE STOPPED VEHICLE 0 PERSONAL INJURY SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED

DEPARTMENT OF TRANSPORTATION COLLISION DIAGRAM MUNICIPALITY COUNTY ERIE FILE ACCIDENT DIAGRAMS.DGN CITY OF BUFFALO INTERSECTION BEST STREET AT NY 33 WB RAMPS PERIOD __3_YR__0_M0 FROM 08 / 01 / 2013 TO 07 / 31 / 2016 BY ____ CAE DATE 04 / 11 / 2017 119_10 E FERRY ST 107_2 E FERRY ST GRID North HUMBOLDT PKWY SOUTH HUMBOLDT PKWY NORTH SYMBOLS MANNER 0F COLLISION MOVING VEHICLE PEDESTRIAN REAR-END HEAD-ON MOTORCYCLE BICYCLE SIDE-SWIPE LEFT-TURN - B-BACKING VEHICLE FIXED OBJECT OUT OF CONTROL RIGHT-ANGLE STOPPED VEHICLE 0 PERSONAL INJURY SKIDDING PARKED VEHICLE FATAL INJURY OVERTURNED