



T Consulting



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December 12, 2020

Bohler Engineering
17 Computer Drive West
Albany, NY 12205

Attn: Mr. Steve Vukas

**Re: Expanded Accident Review – Proposed Retail Store
6401 Olean Road – Town of Wales**

Dear Mr. Vukas:

At the November 18th, 2020 planning board meeting, a number of board members and residents expressed concerns that the accident analysis previously completed for the proposed retail store at 6401 Olean Road, which studied between the Olean Road/Route 400 intersection and the Olean Road/Emery Road intersection, did not adequately represent traffic operations along Olean Road due to lack of commercial development in the section reviewed. There were also concerns raised speculating that accident rates are higher during busier summer months. This expanded accident analysis has been completed based on limits provided by the Town to address these concerns.

An accident analysis was completed for the 6.4 mile section of Olean Road from just north of the Route 400/Olean Road intersection to just south of the Olean Road/Savage Road intersection, just south of Holland. The accident verbal description report was obtained from NYSDOT for a five year period from February 2015 through January 2020.

The attached accident summary table provides the location of each accident based on the data provided by NYSDOT. Any accident that did not occur at an intersection, or provide a specific distance from an intersection, is referenced in the table as a midblock accident with a four digit number identifying the last four digits of the closest mile marker. The following provides a summary of the mile markers in the corridor for reference:

- 16 5302 1142 – 275' north of the Route 400 intersection
- 16 5302 1140 – 600' south of the Route 400 intersection
- 16 5302 1138 – At the Fire Station
- 16 5302 1137 – Just south of the Emery Road intersection
- 16 5302 1135 – 100' north of the Depot Street intersection
- 16 5302 1133 – between the Darling Road and Warner Hill Road intersections
- 16 5302 1125 – 180' south of the Darien Road intersction
- 16 5302 1111 – 200' south of the Blanchard Road intersection
- 16 5302 1102 – Just north of the Knox Road intersection
- 16 5302 1101 – At the Canada Street intersection
- 16 5302 1095 – Just north of the Partridge Road intersection
- 16 5302 1092 – 200' south of the Meadow Lane intersection

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- 16 5302 1090 – 300' south of the Taylor Heights intersection
- 16 5302 1088 – Between the Pearl Street and Garfield Street intersections
- 16 5302 1086 – Just north of the Vermont Street/Capitol Heights intersection
- 16 5302 1084 – Just north of the Dollar General Store
- 16 5302 1080 – 600' north of the Savage Road intersection
- 16 5302 1078 – 400' south of the Savage Road intersection

Over the five year period studied, there were 165 total accidents in the area reviewed. A total of 49 accidents occurred at intersections in the corridor and 116 accidents were midblock accident not at intersections.

There were 67 single vehicle accidents that made up 40% of the total accidents in the corridor.

There were 13 accidents at the Emery Road intersection including 6 rearend accidents, 2 right angle accidents, 2 sideswipe accidents, 1 left turn accident, 1 overtaking accident and 1 animal related accident.

There were 11 accidents at the Vermont Street intersection including 7 rearend accidents, 2 right angle accidents, 1 backing accident and 1 parking accident.

There were 4 accidents at the Route 400 intersection including 2 left turn accidents, 1 right angle accident and 1 fixed object accident.

There were 4 accidents at the Warner Hill Road intersection including 2 right angle accidents, 1 left turn accident and 1 rearend accident.

There were 4 accidents at the Darien Road intersection including 2 animal related accidents, 1 sideswipe accident and 1 rearend accident.

There were 3 rearend accidents at the Pearl Street intersection.

There were 2 accidents at the Garfield Street intersection including 1 rearend accident and 1 fixed object accident.

There were 2 fixed object accidents at the Blanchard Road intersection.

There was 1 fixed object accident at each of the Continental Avenue, Meadow Lane and Canada Road intersections.

There was 1 animal related accident at the each of the Knox Road and Taylor Heights intersections.

There was 1 rearend accident at the Partridge Road intersection.

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Of the 116 midblock accidents that occurred, 33 were fixed object accidents, 32 were rearend accidents, 20 were animal related accidents, 9 were right angle accidents, 5 were overtaking accidents, 4 were head on accidents, 3 were backing accidents, 3 were sideswipe accidents, 3 were left turn accidents, 2 were pedestrian accidents, 1 was a parking accidents and a 1 was a ran off the road accident.

The following table provides a summary of the number of accidents by month:

January	16 Accidents	10%
February	16 Accidents	10%
March	26 Accidents	16%
April	8 Accidents	5%
May	13 Accidents	8%
June	10 Accidents	6%
July	14 Accidents	8%
August	3 Accidents	2%
September	10 Accidents	6%
October	14 Accidents	8%
November	18 Accidents	11%
December	17 Accidents	10%

The highest accident month was March and the lowest accident month was August. The five highest accident months are the winter months.

With an annual average daily traffic volume of 11,604 vehicles in 2016 (taken from the NYS DOT Traffic Data Viewer website and included in the original traffic study), and an overall link length of approximately 6.4 miles, the 165 total accidents in the area on Olean Road equates to an accident rate of 1.22 accidents per million vehicle miles. This rate is below the statewide average of 2.61 accidents per million vehicle miles (Rural - Free Access - 2 Lanes – Undivided – Mainline & Juncture Accidents) for a similar roadway.

It is noted that 102 (88%) of the midblock accidents involved a single vehicle or north/south traffic movements only. Only 11% of the midblock accidents involved vehicles turning on or off Olean Road.

There are no indications that there is any substantial accident history associated with vehicles accessing Olean Road from driveways in the study area over the five years reviewed. This section of Olean Road is not a high accident area compared to similar roadways in New York State.

The detailed accident summary and calculations have been attached.

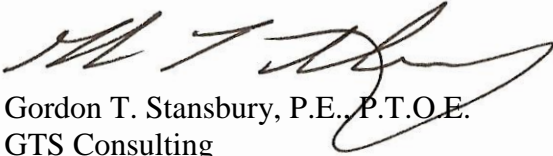


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If you have any questions or need additional information, please call.

Sincerely,



Gordon T. Stansbury, P.E., P.T.O.E.
GTS Consulting

Attachments – Accident Data

**Proposed Retail Store - 6401 Olean Road, Town of Wales, NY
Accident History Summaries - February 1 2015 Through January 31, 2020**

Accident #	Date	Location	Type	# Cars	Severity	Direction	Conditions	Contributing Factors
1	2/9/2015	Midblock Unspecified	Backing	2	PDO	SB Backing / SB Parked	Icy	Backing Unsafely
2	2/19/2015	325m S of Vermont	Rearend	2	PDO	NB / NB Right	Wet	Following Too Closely
3	3/6/2015	75m N of Taylor	Sideswipe	3	PDO	SB / NB / NB	Dry	Failure to Keep Right
4	4/1/2015	Midblock 1127	Other	1	PDO	NB / Debris	Dry	Reaction to Another Vehicle
5	3/8/2015	Midblock 1114	Right Angle	2	PDO	EB Backing / NB	Wet	Backing Unsafely
6	4/6/2015	At Garfield	Fixed Object	1	PDO	NB Right / Curb	Icy	Slippery Pavement
7	4/12/2015	At Meadow	Fixed Object	1	PDO	SB / Utility Pole	Dry	Failure to Keep Right
8	5/5/2015	At Emery	Right Angle	2	PDO	EB Left / SB	Dry	Failure to Yield ROW
9	5/8/2015	128 N of Emery	Animal	1	INJ	SB / Deer	Dry	Animal's Actions
10	5/30/2015	5M South of Vermont	Fixed Object	1	PDO	SB / Fire Hydrant	Wet	Turning Improper
11	6/3/2015	At Emery	Rearend	3	INJ	NB / NB / SB	Dry	Following Too Closely
12	6/2/2015	Midblock Unspecified	Pedestrian	1	INJ	EB Left / Pedestrian	Dry	View Obstructed
13	7/22/2015	Midblock 1108	Animal	1	PDO	NB / Deer	Dry	Animal's Actions
14	7/22/2015	Midblock 1108	Animal	1	PDO	SB / Deer	Dry	Animal's Actions
15	7/25/2015	At Vermont	Rearend	2	PDO	NB / NB Stopped	Dry	Brakes Defective
16	7/22/2015	At Vermont	Parking	2	PDO	SB Stopped / NB From Parking	Dry	Not Entered
17	8/23/2015	Midblock 1126	Fixed Object	1	INJ	SB / Utility Pole	Dry	Fell Asleep
18	9/9/2015	105M N of Depot	Rearend	2	INJ	NB / NB	Dry	Following Too Closely
19	9/16/2015	At Warner Hill	Left Turn	2	PDO	SB Left / NB	Dry	Failure to Yield ROW
20	9/18/2015	Midblock 1140	Rearend	2	PDO	NB / NB Stopped	Dry	Following Too Closely
21	9/23/2015	94m N of Knox	Rearend	2	PDO	EB Backing / SB	Dry	Backing Unsafely
22	10/19/2015	Midblock 1133	Fixed Object	1	PDO	SB / Crash Cushion	Dry	Fell Asleep
23	10/24/2015	At Warner Hill	Right Angle	2	PDO	WB Backing / SB Stopped	Dry	Backing Unsafely
24	10/25/2015	At Continental	Fixed Object	1	PDO	WB / Building	Dry	Driver Inattention
25	11/8/2015	At Vermont	Right Angle	2	PDO	SB / EB	Dry	Failure to Yield ROW
26	11/18/2015	At Darien	Sideswipe	2	INJ	NB / SB	Dry	Alcohol Involment
27	12/29/2015	Midblock 1127	Animal	1	PDO	SB / Deer	Wet	Animal's Actions
28	12/8/2015	At Darien	Rearend	2	PDO	SB / SB Uturn	Dry	Not Entered
29	1/8/2016	At Garfield	Rearend	2	PDO	SB / SB Left	Dry	Following Too Closely
30	1/17/2016	At Emery	Sideswipe	2	INJ	SB / NB	Wet	Fell Asleep
31	1/11/2016	Midblock 1109	Right Angle	2	PDO	WB Left / NB	Icy	Failure to Yield ROW
32	2/4/2016	Midblock 1082	Fixed Object	1	PDO	SB / Sign Post	Icy	Unsafe Speed
33	2/10/2016	At 400	Left Turn	2	PDO	SB Left / NB	Wet	Failure to Yield ROW
34	2/25/2016	Midblock 1121	Rearend	2	INJ	SB / SB Stopped	Wet	Unsafe Speed
35	3/2/2016	59M N of Knox	Rearend	2	PDO	NB / NB	Wet	Following Too Closely
36	3/12/2016	Midblock 1131	Animal	1	PDO	SB / Deer	Dry	Animal's Actions

Accident #	Date	Location	Type	# Cars	Severity	Direction	Conditions	Contributing Factors
37	3/7/2016	At Emery	Rearend	2	PDO	NB / NB	Dry	Passing Improper
38	1/25/2016	Midblock 1127	Animal	1	PDO	SB / Other	Dry	Reaction to Another Vehicle
39	3/19/2016	132m S of Taylor	Rearend	4	INJ	SB (2) / SB Stopped (2)	Dry	Driver Inattention
40	3/3/2016	At Vermont	Rearend	2	PDO	NB / NB	Wet	Not Entered
41	3/17/2016	132m S of Vermont	Fixed Object	1	PDO	SB / Other	Dry	Unsafe Speed
42	3/28/2016	27m S or Darling	Rearend	2	PDO	SB / SB	Wet	Following Too Closely
43	3/31/2016	157m N of Taylor	Backing	2	INJ	EB Backing / SB	Wet	Backing Unsafely
44	5/22/2016	Midblock 1141	Head On	2	INJ	NB / SB	Dry	Passing Improper
45	6/10/2016	227m S of Darien	Head On	3	INJ	NB / SB / SB	Dry	Failure to Yield ROW
46	6/21/2016	Midblock 1081	Fixed Object	1	PDO	NB / Ditch	Dry	Fell Asleep
47	7/1/2016	At Pearl	Rearend	2	PDO	SB / SB	Dry	Following Too Closely
48	9/18/2016	At Canada	Fixed Object	1	INJ	WB / Utility Pole	Dry	Fatigue / Drowsy
49	10/14/2016	Midblock 1094	Rearend	2	PDO	NB / NB	Dry	Following Too Closely
50	11/23/2016	Midblock Unspecified	Fixed Object	1	PDO	SB / Sign Post	Dry	Driver Inattention
51	12/8/2016	Midblock 1096	Fixed Object	1	PDO	NB / Sign Post	Icy	Slippery Pavement
52	12/18/2016	Midblock 1100	Animal	1	PDO	NB / Animal	Wet	Animal's Actions
53	12/16/2016	At Vermont	Rearend	2	PDO	NB / NB Parked	Wet	Passing Improper
54	12/17/2016	Midblock 1080	Animal	1	PDO	WB / Deer	Wet	Animal's Actions
55	12/17/2016	Midblock 1080	Animal	1	PDO	EB / Deer	Wet	Animal's Actions
56	12/22/2016	Midblock 1100	Rearend	2	INJ	SB / SB Parked	Wet	Alcohol Involment
57	12/10/2016	238m N of Knox	Animal	1	PDO	NB / Deer	Icy	Animal's Actions
58	1/12/2017	At Vermont	Rearend	2	PDO	NB / NB Stopped	Wet	Following Too Closely
59	1/28/2017	Midblock Unspecified	Rearend	2	INJ	NB / NB Left	Wet	Following Too Closely
60	1/22/2017	201m S or Darien	Fixed Object	1	INJ	SB / Utility Pole	Dry	Alcohol Involment
61	2/1/2017	Midblock 1081	Fixed Object	1	PDO	SB / Other	Icy	Slippery Pavement
62	2/15/2017	90m N of Blanchard	Fixed Object	1	PDO	NB / Sign Post	Icy	Slippery Pavement
63	2/16/2017	Midblock 1115	Fixed Object	1	INJ	NB / Tree	Dry	Fell Asleep
64	12/23/2016	At Darien	Animal	1	PDO	Unknown / Deer	Unknown	Animal's Actions
65	2/23/2017	Midblock 1120	Fixed Object	1	PDO	NB / Guiderail	Dry	Passenger Distraction
66	3/2/2017	Midblock 1080	Fixed Object	1	PDO	SB / Sign Post	Dry	Animal's Actions
67	3/29/2017	At 400	Fixed Object	1	PDO	NB / Barrier	Dry	Passing Improper
68	3/31/2017	Midblock 1095	Animal	1	PDO	Unknown / Deer	Dry	Not Entered
69	4/10/2017	Midblock 1130	Fixed Object	1	PDO	SB / Guiderail	Dry	Fell Asleep
70	4/11/2017	61m Noth of Knox	Rearend	2	INJ	NB / NB Left	Dry	Following Too Closely
71	5/7/2017	Midblock 1117	Fixed Object	1	INJ	SB / Ditch	Wet	Alcohol Involment
72	5/6/2017	451m S of Vermont	Rearend	2	INJ	SB / SB Stopped	Dry	Not Entered
73	5/20/2017	30m S of Darling	Right Angle	2	PDO	EB Left / SB	Dry	Failure to Yield ROW
74	5/31/2017	158m N of Emery	Right Angle	2	INJ	EB / SB	Dry	Failure to Yield ROW
75	6/11/2017	Midblock 1110	Animal	1	PDO	NB / Deer	Dry	Animal's Actions

Accident #	Date	Location	Type	# Cars	Severity	Direction	Conditions	Contributing Factors
76	6/16/2017	59m S of Vermont	Fixed Object	1	PDO	NB / Other	Dry	Fell Asleep
77	6/21/2017	At Emery	Left Turn	2	INJ	NB Left / SB	Dry	Failure to Yield ROW
78	5/28/2017	23m S of Blanchard	Right Angle	2	INJ	WB Left / NB	Dry	Failure to Yield ROW
79	6/28/2017	190m S of Vermont	Backing	2	PDO	WB Backing / SB Parked	Dry	Backing Unsafely
80	6/24/2017	Midblock 1129	Fixed Object	1	PDO	SB / Other	Wet	Fell Asleep
81	7/21/2017	449m N of Knox	Rearend	2	PDO	NB / NB Stopped	Dry	Following Too Closely
82	9/20/2017	35m S of Emery	Fixed Object	1	INJ	NB / Utility Pole	Dry	Unsafe Speed
83	9/28/2017	247m S of Vermont	Rearend	2	INJ	SB / SB Stopped	Dry	Following Too Closely
84	10/18/2017	At Taylor Heights	Animal	1	PDO	NB / Deer	Dry	Animal's Actions
85	10/25/2017	31m N of Knox	Rearend	2	PDO	NB / NB Left	Dry	Unsafe Speed
86	11/3/2017	Midblock 1140	Rearend	2	PDO	SB / SB	Dry	Alcohol Involvement
87	11/9/2017	Midblock 1120	Animal	1	PDO	NB / Animal	Dry	Animal's Actions
88	11/17/2017	At Emery	Rearend	2	INJ	NB / NB Stopped	Dry	Following Too Closely
89	11/22/2017	Midblock 1133	Rearend	2	PDO	SB / SB	Dry	Tire Failure
90	12/7/2017	Midblock 1133	Fixed Object	1	PDO	SB Right / Guiderail	Icy	Slippery Pavement
91	12/4/2017	181m S of Darien	Rearend	3	INJ	NB (2) / NB Stopped	Icy	Following Too Closely
92	7/29/2017	62m S of Knox	Left Turn	2	PDO	SB Uturn / NB	Dry	Turning Improper
93	1/12/2018	Midblock Unspecified	Right Angle	2	PDO	NB / SB Right	Icy	Unsafe Speed
94	1/16/2018	At Warner Hill	Right Angle	2	INJ	WB Left / NB	Icy	Failure to Yield ROW
95	1/29/2018	Midblock 1098	Fixed Object	1	INJ	SB / Other	Dry	Reaction to Another Vehicle
96	2/20/2018	243m S of Vermont	Fixed Object	1	PDO	SB / Guiderail	Wet	Illness
97	2/24/2018	181m N of Knox	Animal	1	PDO	SB / Deer	Dry	Animal's Actions
98	2/28/2018	At Emery	Rearend	2	PDO	NB / NB	Wet	Following Too Closely
99	3/1/2018	Midblock 1096	Animal	1	PDO	NB / Deer	Dry	Animal's Actions
100	3/15/2018	103m S of Emery	Head On	2	INJ	SB / NB	Icy	Unsafe Speed
101	3/20/2018	43m S of Continental	Rearend	2	PDO	EB / EB Stopped	Dry	Following Too Closely
102	3/20/2018	Midblock 1116	Rearend	3	PDO	SB / SB Stopped (2)	Dry	Following Too Closely
103	3/12/2018	Midblock 1106	Animal	1	PDO	NB / Deer	Dry	Animal's Actions
104	4/4/2018	Midblock 1095	Left Turn	2	PDO	NB Uturn / SB	Dry	Not Entered
105	5/20/2018	Midblock 1129	Fixed Object	1	INJ	SB / Other	Dry	Driver Inattention
106	7/12/2018	Midblock 1140	Sideswipe	2	INJ	SB / NB	Dry	Driver Inattention
107	7/6/2018	At Blanchard	Fixed Object	1	PDO	NB / Guiderail	Wet	Fell Asleep
108	7/17/2018	73m N of Vermont	Overtaking	2	PDO	SB / SB Stopped	Dry	Following Too Closely
109	8/11/2018	Midblock 1094	Fixed Object	1	PDO	NB / Utility Pole	Dry	Fell Asleep
110	9/8/2018	161m N of Taylor	Rearend	2	PDO	SB / SB Stopped	Dry	Following Too Closely
111	10/25/2018	164m N of Knox	Animal	1	INJ	SB / Deer	Dry	Animal's Actions
112	1/4/2018	58m N of Vermont	Rearend	2	INJ	SB / SB Stopped	Dry	Driver Inattention
113	11/8/2018	91m N of Knox	Animal	1	PDO	SB / Deer	Dry	Animal's Actions
114	11/16/2018	61m N of Vermont	Left Turn	2	PDO	EB Left / NB	Wet	Failure to Yield ROW

Accident #	Date	Location	Type	# Cars	Severity	Direction	Conditions	Contributing Factors
115	11/23/2018	Midblock 1124	Head On	2	PDO	SB / NB	Dry	Avoiding Object in Roadway
116	11/16/2018	At Blanchard	Fixed Object	1	PDO	Unknown / Sign Post	Unknown	Not Entered
117	12/13/2018	62m S of Continental	Rearend	2	PDO	SB / SB Stopped	Dry	Driver Inattention
118	12/8/2018	At Emery	Animal	1	PDO	SB / Deer	Dry	Animal's Actions
119	1/19/2019	At Emery	Sideswipe	2	PDO	SB Right / EB Stopped	Icy	Slippery Pavement
120	1/22/2019	174m S of Darien	Fixed Object	1	PDO	NB / Fence	Icy	Slippery Pavement
121	1/3/2019	At Darien	Animal	1	PDO	SB / Deer	Dry	Animal's Actions
122	1/31/2019	429m S of Vermont	Fixed Object	1	PDO	SB / Snow Embankment	Icy	Slippery Pavement
123	2/8/2019	At Emery	Rearend	4	PDO	NB (3) / NB Stopped	Icy	Unsafe Speed
124	2/14/2019	108m N of Taylor	Overtaking	2	PDO	SB / SB Left	Wet	Following Too Closely
125	1/31/2019	Midblock Unspecified	Fixed Object	1	PDO	NB / Barrier	Icy	Unsafe Speed
126	2/19/2019	Midblock 1081	Overtaking	2	INJ	NB From Parking / NB	Dry	Failure to Yield ROW
127	2/11/2019	At Pearl	Rearend	2	PDO	SB / SB	Wet	Following Too Closely
128	3/12/2019	Midblock 1080	Fixed Object	1	INJ	WB / Guiderail	Dry	Tire Failure
129	3/11/2019	41m N or Warner Hill	Rearend	2	PDO	SB / SB Stopped	Wet	Following Too Closely
130	3/15/2019	At Warner Hill	Rearend	2	INJ	SB / SB Stopped	Wet	Driver Inattention
131	3/14/2019	At Emery	Right Angle	2	INJ	SB / EB Left	Dry	Failure to Yield ROW
132	3/25/2019	At 400	Left Turn	2	INJ	SB Left / NB	Dry	Failure to Yield ROW
133	3/29/2019	At Vermont	Rearend	2	PDO	NB / NB	Wet	Following Too Closely
134	3/30/2019	Midblock 1126	Pedestrian	2	INJ	SB Left / NB / Pedestrian	Wet	Turning Improper
135	4/6/2019	47m S of Pearl	Right Angle	2	PDO	NB Left / EB	Dry	View Obstructed
136	3/20/2019	At Partridge	Rearend	2	PDO	EB / EB Stopped	Dry	Following Too Closely
137	5/7/2019	Midblock 1090	Fixed Object	1	PDO	SB / Ditch	Wet	Glare
138	5/15/2019	159m N of Knox	Fixed Object	1	PDO	SB / Utility Pole	Dry	Fell Asleep
139	5/20/2019	68m N of Depot	Fixed Object	1	PDO	NB / Ditch	Wet	Steering Failure
140	4/15/2019	At Knox	Animal	1	PDO	Unkown / Deer	Unknown	Not Entered
141	6/4/2019	Midblock 1140	Sideswipe	2	PDO	SB / NB	Dry	Failure to Keep Right
142	7/5/2019	Midblock 1121	Animal	1	PDO	SB / Deer	Dry	Animal's Actions
143	7/21/2019	303m S of Vermont	Rearend	2	PDO	SB / SB Stopped	Dry	Following Too Closely
144	7/22/2019	At Vermont	Right Angle	2	INJ	NB / WB	Wet	Traffic Control Disregarded
145	8/16/2019	99m N of Meadow	Overtaking	2	PDO	NB Passing / NB	Dry	Passing Improper
146	9/2/2019	254m South of Vermont	Right Angle	2	PDO	WB Right / NB	Dry	Failure to Yield ROW
147	7/20/2019	At Vermont	Backing	2	PDO	Unkown Backing / SB Stopped	Dry	Not Entered
148	9/20/2019	At Emery	Overtaking	2	PDO	SB / SB Right	Dry	Passing Improper
149	10/7/2019	Midblock 1110	Fixed Object	1	PDO	SB / Other	Wet	Fell Asleep
150	10/31/2019	Midblock 1096	Overtaking	2	PDO	NB Passing / NB	Dry	Passing Improper
151	10/16/2019	Moidblock 1117	Animal	1	PDO	NB / Deer	Wet	Animal's Actions
152	10/19/2019	At 400	Right Angle	2	PDO	WB Left / NB	Dry	Failure to Yield ROW
153	10/28/2019	295m S of Vermont	Rearend	2	PDO	SB / SB Stopped	Dry	Following Too Closely

Accident #	Date	Location	Type	# Cars	Severity	Direction	Conditions	Contributing Factors
154	10/29/2019	30m N of Warner Hill	Rearend	3	INJ	NB / NB / NB	Dry	Following Too Closely
155	11/11/2019	Midblock 1121	Right Angle	2	INJ	SB / NB	Icy	Unsafe Speed
156	11/8/2019	At Vermont	Rearend	2	PDO	SB / SB Stopped	Dry	Following Too Closely
157	11/8/2019	At Emery	Rearend	4	PDO	NB / NB Stopped (3)	Dry	Alcohol Involment
158	11/20/2019	Midblock Unspecified	Fixed Object	1	PDO	SB / Other	1	Following Too Closely
159	10/31/2019	24m S of Vermont	Rearend	2	INJ	SB / SB	Wet	Not Entered
160	11/26/2019	Midblock 1123	Rearend	2	INJ	SB / SB Right	Dry	Following Too Closely
161	11/27/2019	Midblock 1110	Parking	5	PDO	EB / WB Parked (2) / NB Parked	Wet	Driver Inattention
162	12/11/2019	Midblock 1114	Rearend	3	PDO	NB / NB / NB	Icy	Following Too Closely
163	11/25/2019	147m S of Emery	Rearend	2	PDO	NB / NB	Dry	Unsafe Speed
164	12/18/2019	At Vermont	Rearend	2	INJ	NB / NB	Icy	Slippery Pavement
165	12/23/2019	At Pearl	Rearend	2	PDO	SB / SB Parked	Dry	Fell Asleep

Link Accident Rates

$\frac{\# \text{ Accidents} \times 1,000,000}{\text{Link Length} \times \text{AADT} \times \# \text{ Years} \times 365 \text{ Days}}$

Time Period = 5 Years

Olean Road Link Length = 6.40 Miles

2016 NYSDOT AADT - 11,604 Vehicles

Olean Road - 165 Accidents

Accident Rate = 1.22 accidents per million vehicle miles

Statewide average for similar facilities = 2.61 accidents per million vehicle miles (Rural - Free Access - 2 Lanes - Undivided - Mainline & Juncture Accidents)

Intersection Accident History is Below the Statewide Average