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Date: April 29, 2024
To: Peter Haag, P.E., PTOE
DelDOT, Chief of Traffic Engineering
From: Nicole Lehnert, P.E. – RK&K
CC: Sonya LaGrand, P.E. – DelDOT, Traffic Studies Manager
Wendy Carpenter, P.E., PTOE – DelDOT, Traffic Calming and Subdivision Studies Manager
Stephanie Everett, P.E., PhD, PTOE – RK&K
Jim Burnett, P.E., PTOE – RK&K
Re: Lea Boulevard (N502) Road Diet – Before and After Study

INTRODUCTION

The purpose of this memorandum is to document current conditions, including traffic volumes, speeds, and crash data, along Lea Boulevard (N502) following the completion of a roadway reconfiguration, commonly referred to as a “road diet”, between Miller Road (N217) and Washington Street (N43) in the City of Wilmington. The road diet was originally considered by local legislators and DelDOT to address citizen’s concerns of aggressive driving, speeding, and heavy truck traffic on the corridor. In response to these concerns, DelDOT completed a road diet feasibility study in 2022, and construction was completed in July 2023. The objective of this Before and After study is to determine if and how volumes, speeds, and crash patterns have changed with the implementation of the road diet. The study area is shown in **Figure 1**.



Figure 1. Study Area

ROADWAY CHARACTERISTICS

Lea Boulevard is a major collector that runs east-west with a posted speed limit of 35 MPH. There are two signalized intersections along the 0.62-mile corridor between Miller Road and Washington Street. Prior to construction, the typical section of Lea Boulevard included a 4-lane undivided roadway with two (2) 10-foot travel lanes in each direction (see **Figure 2**). For the roadway reconfiguration, the typical section was modified to one (1) 10-foot travel lane and one (1) 5-foot bike lane in each direction, as well as one (1) 10-foot two-way left-turn lane (TWLTL), as shown in **Figure 3**. Left-turn storage was also added at the two signalized intersections, where applicable.

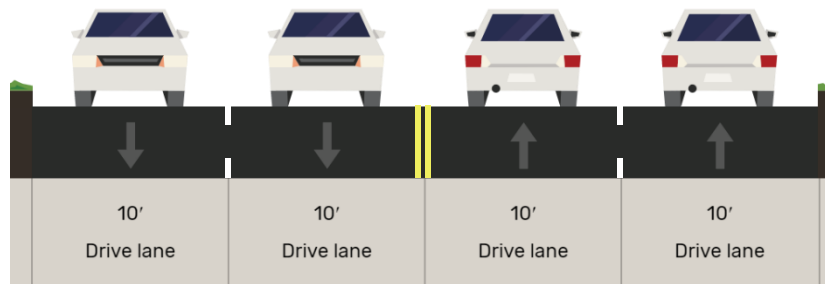


Figure 2. Lea Boulevard Typical Section (Before)

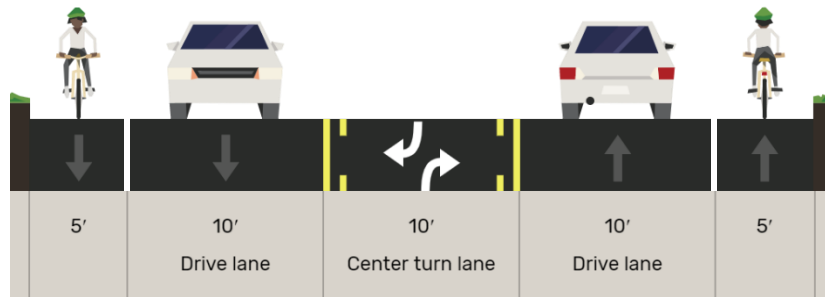


Figure 3. Lea Boulevard Typical Section (After)

SPEED AND CLASSIFICATION DATA

Speed and vehicle classification data were collected along Lea Boulevard between Franklin Place and Coverly Road in September 2021, before the road diet, and again in February 2024, after implementation of the road diet. A total of 42,910 vehicles were recorded in the 7-day “Before” period, which equates to an average daily traffic (ADT) volume of 6,130 vehicles per day. A total of 40,085 vehicles were recorded in the 7-day “After” period, which equates to an ADT volume of 5,726 vehicles per day. After implementation of the road diet, volumes are approximately 7% less than they were prior to construction, as shown in **Table 1**. The small change in volume could be attributed to the daily and seasonal variation throughout the year.

Table 1. Volume Data Comparison

Direction	Volume (veh)		AADT (veh/day)		% Difference
	Before (2021)	After (2024)	Before (2021)	After (2024)	
EB	21,815	19,727	3,116	2,818	-9.5%
WB	21,095	20,358	3,014	2,908	-3.5%
Total	42,910	40,085	6,130	5,726	-6.7%

Additionally, prior to the implementation of the road diet, heavy vehicles represented 6.6% of the total traffic using Lea Boulevard, as shown in **Table 2**. After the road diet was implemented, the volume of heavy vehicles using Lea Boulevard dropped by 53 trucks per day to account for 6.1% of total traffic.

Table 2. Truck Volume Comparison

	Total Truck Volume (veh)	Daily Truck Volume (veh)	Heavy Vehicle Percentage
Before (2021)	2,844	406	6.6%
After (2024)	2,470	353	6.1%
Difference	-374	-53	-0.5%

One of the primary traffic concerns that led to the implementation of the road diet were excessive speeds on Lea Boulevard. The speed data collected before and after the road diet was constructed show that the 85th percentile speeds have been reduced by approximately 4%, from 44.8 MPH to 43.1 MPH, as shown in **Table 3**.

Table 3. 85th Percentile Speed Comparison

Direction	Before (2021)	After (2024)	% Difference
EB	46.3	44.1	-4.7%
WB	42.3	41.8	-1.2%
Total	44.8	43.1	-3.8%

Specifically, the 85th percentile speed in the eastbound direction dropped from 46.3 MPH to 44.1 MPH after installation of the road diet, and the 85th percentile speed in the westbound direction dropped from 42.3 MPH to 41.8 MPH. Full speed statistics can be found in **Appendix B**.

CRASH DATA ANALYSIS

Crash data for Lea Boulevard within the study area was requested for two periods: between September 29, 2005, and September 29, 2021 (“Before” period, 16 years of available data) and between August 1, 2023, through January 31, 2024 (“After” period, 6 months of available data). There were no fatalities reported for either data collection period.

A total of 91 crashes were reported along the 0.62-mile corridor of Lea Boulevard in the 16-year study period prior to the roadway reconfiguration, including 35 injury crashes. The remaining 56 crashes resulted in property damage only (PDO). Left turn and angle crashes, accounted for approximately 42% of total reported crashes. Of the 91 total crashes, 24 crashes (26% of all crashes) were reported at the intersection of Lea Boulevard and Washington Street. A summary of the “Before” crash data along Lea Boulevard is provided in **Table 4**, which includes a 6-month average for an apples-to-apples comparison to the “After” crash data summarized in **Table 5**. Detailed crash summaries are included in **Appendix D**.

Table 4. Lea Boulevard Crashes (Sept. 29, 2005 – Sept. 29, 2021) Before Road Diet Implementation

Year	Severity			Crash Type						Total Crashes
	Fatal	Injury	PDO	Left Turn	Angle	Single Vehicle	Sideswipe	Rear End	Other*	
2005**	0	0	0	0	0	0	0	0	0	0
2006	0	2	5	1	2	3	1	0	0	7
2007	0	2	3	0	0	2	1	2	0	5
2008	0	0	6	2	1	1	2	0	0	6
2009	0	5	1	1	2	2	1	0	0	6
2010	0	1	0	1	0	0	0	0	0	1
2011	0	4	6	1	3	1	2	2	1	10
2012	0	0	1	0	1	0	0	0	0	1
2013	0	1	3	1	1	0	0	2	0	4
2014	0	2	6	4	1	0	1	1	1	8
2015	0	2	5	0	2	1	1	3	0	7
2016	0	3	3	2	1	1	1	0	1	6
2017	0	2	3	2	0	0	1	0	2	5
2018	0	2	4	3	0	0	1	2	0	6
2019	0	3	5	2	1	3	2	0	0	8
2020	0	4	2	1	1	1	0	1	2	6
2021**	0	2	3	1	0	2	0	2	0	5
Total	0	35	56	22	16	17	14	15	7	91
6-month Average	0	1.1	1.8	0.7	0.5	0.6	0.5	0.5	0.2	2.9

*Other crashes include bicycle and pedestrian crashes

**Does not include an entire year of data

A total of three (3) crashes were reported along the 0.62-mile corridor of Lea Boulevard in the 6-month study period after implementation of the roadway reconfiguration, including one (1) injury crash. The remaining two (2) crashes resulted in property damage only (PDO). Two (2) crashes were reported at the intersection of Lea Boulevard and Washington Street, and one (1) crash was reported at the intersection of Lea Boulevard and Miler Road. A summary of the “After” crash data along Lea Boulevard is provided in **Table 5**. Detailed crash summaries are included in **Appendix D**.

Table 5. Lea Boulevard Crashes (Aug 1, 2023 – Jan 31, 2024) After Road Diet Implementation

6-month total	Severity			Crash Type						Total Crashes
	Fatal	Injury	PDO	Left Turn	Angle	Single Vehicle	Sideswipe	Rear End	Other*	
6-month total	0	1	2	0	0	1	1	1	0	3

*Other crashes include bicycle and pedestrian crashes

**Does not include an entire year of data

The number of crashes during the 6-month “After” period was slightly higher than the 6-month average between 2005 and 2021 prior to construction (approximately 2.9 crashes per 6-month period), as shown in **Table 6**. However, there were no angle, left turn, or “other” crashes reported in the “After” period, potentially due to the reduction in travel lanes which reduces conflict points. Single vehicle, sideswipe, rear end, and PDO crashes increased in the “After” period. Angle and left-turn crashes are typically more likely to result in injury or fatalities compared to rear-end or sideswipe crashes, and the proportion of injury crashes was lower in the 6-month “After” period compared to the 16-year “Before” period.

Table 6. Before and After Crash Comparison (6-month averages)

Time Period	Severity			Crash Type						Total Crashes
	Fatal	Injury	PDO	Left Turn	Angle	Single Vehicle	Sideswipe	Rear End	Other*	
Before	0.0	1.1	1.8	0.7	0.5	0.6	0.5	0.5	0.2	2.9
After	0.0	1.0	2.0	0.0	0.0	1.0	1.0	1.0	0.0	3.0
% Change	0	-9 %	11%	-100%	-100%	67%	100%	100%	-100%	3.4%

*Other crashes include bicycle and pedestrian crashes

**Does not include an entire year of data

Typically, crash data is collected over longer periods of time (e.g., 3 years or more) to account for random fluctuations in the number of crashes, and to make conclusions about the effectiveness of safety treatments. Additional time and crash data analysis is necessary to confirm crash trends, and account for regression-to-the-mean bias, which can result in erroneous conclusions about whether the “After” crash trends reflect the true long-term impact of the roadway reconfiguration or are simply attributable to normal random changes in crash frequencies.

SUMMARY AND NEXT STEPS

The roadway reconfiguration on Lea Boulevard between Miller Road and Washington Street in Wilmington, Delaware was implemented to improve safety for all road users by reducing the number of travel lanes, and re-purposing those lanes to provide improved pedestrian and bicyclist facilities. Construction began and was completed in 2023.

Between 2021 (before implementation) and 2024 (6-months after the road diet was implemented), traffic volumes decreased by approximately 7%, and the 85th percentile speeds decreased, by approximately 4%. Additionally, the volume of heavy vehicles was also reduced by approximately 53 trucks per day following the implementation of the road diet; prior to the road diet, heavy vehicles represented 6.6% of the total traffic using Lea Boulevard, and after the road diet was implemented, that percentage dropped to 6.1%.

The total number of crashes in the 6-month “After” period (3 crashes) was slightly higher than the average number of crashes before implementation of the road diet (2.9 crashes in 6 months). Based on the short 6-month period following implementation of the road diet, the average number of injury crashes decreased between the “Before” and “After” periods. Additionally, zero angle and left-turn crashes were reported during the 6-month “After” period. However, the number of single vehicle, sideswipe, rear end, and PDO crashes reported in the 6-month “After” period were higher than the average number of crashes in the “Before” period. Crash data should be reviewed again at 1-year and 3-years after implementation to evaluate long-term changes in the crash frequency along the corridor following implementation of the road diet.

APPENDICES:

Appendix A: Before Speed Data (2021)

Appendix B: After Speed Data (2024)

Appendix C: Before Crash Data (2005 – 2021)

Appendix D: After Crash Data (2023 – 2024)

Appendix A: Before Speed Data (2021)

Site Code: 03211
Station ID:
Location 1:
Location 2:
Location 3:
Location 4:

Comment 1:
Comment 2:
Comment 3:
Comment 4:
Latitude: 0.000000
Longitude: 0.000000

Combined Lanes 9/24/2021 to 10/1/2021

Pace Speed - MPH

Classes Excluded From Pace: None

Speed	Number	Percent
37 - 46	15,194	48.35773%

Percentile Speeds

Percentile	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th	90th	95th
Speed - MPH	23.5	25.3	26.8	28.6	30.9	33.8	35.7	37.1	38.2	39.2	40.1	41	41.9	42.8	43.8	45	46.3	47.9	50.5

Vehicles Traveling Greater Than 35.0 MPH

Total Volume 21,815
Total Greater Than 35.0 14,653
Percent Greater Than 35.0 67.2%

Mean, Median, and Mode Averages

Mean: 37.9
Median (50th %): 39.2
Mode: 40.8

Site Code: 03212
Station ID:
Location 1:
Location 2:
Location 3:
Location 4:

Comment 1:
Comment 2:
Comment 3:
Comment 4:
Latitude: 0.000000
Longitude: 0.000000

Combined Lanes 9/24/2021 to 10/1/2021

Pace Speed - MPH

Classes Excluded From Pace: None

Speed	Number	Percent
32 - 41	14,122	46.69047%

Percentile Speeds

Percentile	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th	90th	95th
Speed - MPH	21.8	24.2	25.8	27.2	28.6	29.9	31.3	32.5	33.8	34.9	35.9	36.8	37.8	38.8	39.8	41	42.3	44.1	46.6

Vehicles Traveling Greater Than 35.0 MPH

Total Volume 21,095
Total Greater Than 35.0 10,459
Percent Greater Than 35.0 49.6%

Mean, Median, and Mode Averages

Mean: 34.5
Median (50th %): 34.9
Mode: 39.4

Appendix B: After Speed Data (2024)

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700 E Pratt St Ste 500
Baltimore MD 21202

Site Code: LEA BLVD
Start Date: 2/20/2024
End Date: 2/29/2024

Latitude: 39.767804
Longitude: -75.528871

39.767804
-75.528871

Combined Lanes 2/21/2024 to 2/27/2024

Pace Speed - MPH

Classes Excluded From Pace: None

Speed	Number	Percent
34 - 43	26,040	52.5%

Percentile Speeds

Percentile	5th	10th	15th	20th	25th	30th	35th	40th	45th	50th	55th	60th	65th	70th	75th	80th	85th	90th	95th
Speed - MPH	23.3	25.3	27.1	28.9	30.8	32.4	33.8	34.9	35.8	36.8	37.6	38.4	39.2	40	40.9	41.9	43.1	44.6	46.9

Vehicles Traveling Greater Than 35.0 MPH

Total Volume	40,085
Total Greater Than 35.0	23,954
Percent Greater Than 35.0	59.8%

Mean, Median, and Mode Averages

Mean:	36.0
Median (50th %):	36.8
Mode:	39.6

Classification Statistics

Unclassified	Motorcycles	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Bicycles
261	85	32507	4762	776	1405	90	5	152	42	0	0	0	0	0
0.7%	0.2%	81.1%	11.9%	1.9%	3.5%	0.2%	0.0%	0.4%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%

AADT

Date	Lane	AADT
2/20/2024	Excluded	
2/20/2024	Excluded	
2/20/2024	Day Total	0
2/21/2024	West, Lane 2	3,144
2/21/2024	East, Lane 1	3,036
2/21/2024	Day Total	6,180
2/22/2024	West, Lane 2	3,045

RK&K

700 E Pratt St Ste 500
Baltimore MD 21202

Site Code: LEA BLVD
Start Date: 2/20/2024
End Date: 2/29/2024

Latitude: 39.767804
Longitude: -75.528871

39.767804
-75.528871

Date	Lane	AADT
2/22/2024	East, Lane 1	3,008
2/22/2024	Day Total	6,053
2/23/2024	West, Lane 2	3,130
2/23/2024	East, Lane 1	3,118
2/23/2024	Day Total	6,248
2/24/2024	West, Lane 2	2,798
2/24/2024	East, Lane 1	2,625
2/24/2024	Day Total	5,423
2/25/2024	West, Lane 2	2,241
2/25/2024	East, Lane 1	2,182
2/25/2024	Day Total	4,423
2/26/2024	West, Lane 2	2,936
2/26/2024	East, Lane 1	2,856
2/26/2024	Day Total	5,792
2/27/2024	West, Lane 2	3,064
2/27/2024	East, Lane 1	2,902
2/27/2024	Day Total	5,966
2/28/2024	Excluded	
2/28/2024	Excluded	
2/28/2024	Day Total	0
2/29/2024	Excluded	
2/29/2024	Excluded	
2/29/2024	Day Total	0
Total		40085
Average		5726

Appendix C: Before Crash Data (2005 – 2021)

Delaware Crash Analysis Reporting System

Crash Study Time Period: 01/01/2005 - 12/31/2021
Query Type: AdvancedQueryTool
Description: Traffic Calming Support
Study Requested By: Nicole Wilson (RKK)
Study Generated By: TDTSCJM
Number of Crashes: 101
Includes Non-Reportable Crashes: N
Study Code:



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State of Delaware Crash Study

Summary		Classification			Manner of Impact		
	# of Crashes		# of Crashes	% of Total Crashes		# of Crashes	% of Total Crashes
Total Crashes	101	Non-Reportable	0	0.00%	Front to rear	19	18.81%
Fatal Crashes	0	Reportable	72	71.29%	Front to front	9	8.91%
Total Alcohol-Related Crashes	4	Personal Injury	29	28.71%	Angle	37	36.63%
Total Non Alcohol-Related Crashes	97	Fatality	0	0.00%	Sideswipe, same direction	11	10.89%
Total Fatalities	0	Total	101		Sideswipe, opposite direction	1	0.99%
Total Pedestrian Fatalities	0				Rear to side	0	0.00%
Total Pedestrian Injuries	1				Rear to rear	0	0.00%
Total Pedestrian Crashes	1				Other	3	2.97%
Total Motorcycle Crashes	1				Unknown	4	3.96%
Total Pedalcyclist Crashes	4				Not a collision between two vehicles	17	16.83%
					Total	101	

Alcohol Related Crashes By Classification

	Non-reportable	Reportable	Personal Injury	Fatality	Total
Alcohol Related	0	4	0	0	4
Non-Alcohol Related	0	68	29	0	97
Total	0	72	29	0	101

Manner of Impact By Classification

	Non-Reportable	Reportable	Personal Injury	Fatality	Total
Front to rear	0	15	4	0	19
Front to front	0	4	5	0	9
Angle	0	26	11	0	37
Sideswipe, same direction	0	10	1	0	11
Sideswipe, opposite direction	0	0	1	0	1
Rear to side	0	0	0	0	0
Rear to rear	0	0	0	0	0
Other	0	2	1	0	3
Unknown	0	3	1	0	4
Not a collision between two vehicles	0	12	5	0	17
Total	0	72	29	0	101

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Day Of Week		
	# of Crashes	% of Total Crashes
Sunday	12	11.88%
Monday	12	11.88%
Tuesday	20	19.80%
Wednesday	14	13.86%
Thursday	17	16.83%
Friday	13	12.87%
Saturday	13	12.87%
Total	101	

Time Of Day (AM)		
	# of Crashes	% of Total Crashes
00:00 - 00:59	2	1.98%
01:00 - 01:59	0	0.00%
02:00 - 02:59	0	0.00%
03:00 - 03:59	1	0.99%
04:00 - 04:59	1	0.99%
05:00 - 05:59	1	0.99%
06:00 - 06:59	0	0.00%
07:00 - 07:59	3	2.97%
08:00 - 08:59	13	12.87%
09:00 - 09:59	5	4.95%
10:00 - 10:59	8	7.92%
11:00 - 11:59	8	7.92%
Total	42	

Time Of Day (PM)		
	# of Crashes	% of Total Crashes
12:00 - 12:59	6	5.94%
13:00 - 13:59	7	6.93%
14:00 - 14:59	4	3.96%
15:00 - 15:59	5	4.95%
16:00 - 16:59	9	8.91%
17:00 - 17:59	10	9.90%
18:00 - 18:59	2	1.98%
19:00 - 19:59	7	6.93%
20:00 - 20:59	2	1.98%
21:00 - 21:59	2	1.98%
22:00 - 22:59	2	1.98%
23:00 - 23:59	3	2.97%
Total	59	
Unknown Time	0	

Surface Conditions		
	# of Crashes	% of Total Crashes
Dry	75	74.26%
Wet	19	18.81%
Snow	2	1.98%
Ice/Frost	1	0.99%
Sand	0	0.00%
Water (standing, moving)	0	0.00%
Slush	2	1.98%
Oil	0	0.00%
Mud, Dirt, Gravel	0	0.00%
Other	0	0.00%
Unknown	2	1.98%
Total	101	

Lighting Conditions		
	# of Crashes	% of Total Crashes
Daylight	74	73.27%
Dawn	0	0.00%
Dusk	0	0.00%
Dark-Lighted	22	21.78%
Dark-Not Lighted	2	1.98%
Dark-Unknown Lighting	1	0.99%
Other	0	0.00%
Unknown	2	1.98%
Total	101	

Weather Conditions		
	# of Crashes	% of Total Crashes
Clear	65	64.36%
Cloudy	21	20.79%
Fog, Smog, Smoke	1	0.99%
Rain	9	8.91%
Sleet, Hail (freezing rain or drizzle)	0	0.00%
Snow	5	4.95%
Blowing Snow	0	0.00%
Severe Crosswinds	0	0.00%
Blowing Sand, Soil, Dirt	0	0.00%
Other	0	0.00%
Unknown	2	1.98%
Total	103	

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First Harmful Event		
	# of Crashes	% of Total Crashes
Overturn/Rollover, Non-Collision	0	0.00%
Fire/Explosion, Non-Collision	0	0.00%
Immersion, Non-Collision	0	0.00%
Jackknife, Non-Collision	0	0.00%
Cargo/Equipment Loss or Shift, Non-Collision	0	0.00%
Fell/Jumped From Motor Vehicle, Non-Collision	0	0.00%
Thrown or Falling Object, Non-Collision	0	0.00%
Other Non-Collision, Non-Collision	0	0.00%
Pedestrian, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Pedalcycle, Collision With Person, Motor Vehicle, or Non-Fixed Object	2	1.98%
Railway Vehicle (train, engine), Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Animal, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Motor Vehicle in Transport, Collision With Person, Motor Vehicle, or Non-Fixed Object	84	83.17%
Legally Parked Motor Vehicle, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Struck by Anything Set in Motion by Vehicle, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Work Zone / Maintenance Equipment, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Other Non-Fixed Object, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Impact Attenuator/Crash Cushion, Collision With Fixed Object	0	0.00%
Bridge Overhead Structure, Collision With Fixed Object	0	0.00%
Bridge Pier or Support, Collision With Fixed Object	0	0.00%
Bridge Rail, Collision With Fixed Object	0	0.00%
Cable Barrier, Collision With Fixed Object	0	0.00%
Culvert, Collision With Fixed Object	0	0.00%
Curb, Collision With Fixed Object	0	0.00%
Ditch, Collision With Fixed Object	0	0.00%
Embankment, Collision With Fixed Object	1	0.99%

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Guardrail Face, Collision With Fixed Object	2	1.98%
Guardrail End, Collision With Fixed Object	0	0.00%
Concrete Traffic Barrier, Collision With Fixed Object	0	0.00%
Other Traffic Barrier, Collision With Fixed Object	0	0.00%
Tree (standing), Collision With Fixed Object	2	1.98%
Utility Pole, Collision With Fixed Object	4	3.96%
Light Support, Collision With Fixed Object	0	0.00%
Traffic Sign Support, Collision With Fixed Object	0	0.00%
Overhead Sign Support, Collision With Fixed Object	0	0.00%
Traffic Signal Support, Collision With Fixed Object	0	0.00%
Fence, Collision With Fixed Object	0	0.00%
Mailbox, Collision With Fixed Object	0	0.00%
Other Post, Pole or Support, Collision With Fixed Object	0	0.00%
Other Fixed Object (wall, building, tunnel, etc.), Collision With Fixed Object	0	0.00%
Illegally Parked Motor Vehicle, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Stopped Motor Vehicle, Collision With Person, Motor Vehicle, or Non-Fixed Object	1	0.99%
Unknown, Collision With Fixed Object	5	4.95%
Total	101	

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Primary Contributing Circumstance		
	# of Crashes	% of Total Crashes
Speeding	3	2.97%
Failed to yield right of way	14	13.86%
Passed Stop Sign	3	2.97%
Disregard Traffic Signal	3	2.97%
Wrong side or wrong way	0	0.00%
Improper passing	1	0.99%
Improper lane change	4	3.96%
Following too close	5	4.95%
Made improper turn	3	2.97%
Driving under the influence	3	2.97%
Driver inattention, distraction, or fatigue	20	19.80%
Driving in a careless or reckless manner	5	4.95%
Driving in an aggressive manner	1	0.99%
Improper backing	2	1.98%
Other improper driving	0	0.00%
Mechanical defects	1	0.99%
Animal in Roadway - Deer	0	0.00%
Animal in Roadway - Other Animal	0	0.00%
Other environmental circumstances - weather, glare	2	1.98%
Roadway circumstances - debris, holes, work zone,	1	0.99%
Other	3	2.97%
Unknown	10	9.90%
Total	84	

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Driver Action		
	# of Drivers	% of Total Crashes
No Contributing Action	70	43.21%
Failed to yield right of way	18	11.11%
Ran Red Light	5	3.09%
Ran Stop Sign	2	1.23%
Disregard other traffic sign	0	0.00%
Disregard other road markings	0	0.00%
Exceeded authorized speed limit	1	0.62%
Driving too fast for conditions	4	2.47%
Made an improper turn	6	3.70%
Improper backing	2	1.23%
Wrong side or wrong way	0	0.00%
Followed too closely	5	3.09%
Failure to keep in proper lane	0	0.00%
Ran off roadway	1	0.62%
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	10	6.17%
Swerving or avoiding due to wind, slippery surface, vehicle, object, non-motorist in roadway, etc.	0	0.00%
Over-correcting/over-steering	0	0.00%
Improper Passing	1	0.62%
Other Contributing Action	17	10.49%
Unknown	20	12.35%
Total	162	

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
2005															
03/26/2005	21:30	N	217	1.18	1.18	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport		Dark-Lighted	Clear	Dry	0	0	N
08/19/2005	08:49	N	502	1.18	1.18	Personal Injury Crash	Front to rear	Motor Vehicle in Transport		Daylight	Cloudy	Wet	0	1	N
10/12/2005	10:20	N	502	1.2	1.2	Property Damage Only	Angle	Motor Vehicle in Transport		Daylight	Cloudy	Dry	0	0	N
12/13/2005	09:53	N	502	1.38	1.38	Property Damage Only	Angle	Motor Vehicle in Transport		Daylight	Clear	Dry	0	0	N

2006															
01/22/2006	10:30	N	502	1.58	1.58	Property Damage Only	Angle	Motor Vehicle in Transport	Failed to yield right of way	Daylight	Clear	Dry	0	0	N
01/10/2006	20:19	N	502	0.96	0.96	Property Damage Only	Front to rear	Motor Vehicle in Transport	Failed to yield right of way	Dark-Not Lighted	Clear	Dry	0	0	N
01/21/2006	00:34	N	502	1.23	1.23	Personal Injury Crash	Front to front	Tree (standing)	Improper backing	Dark-Lighted	Clear	Wet	0	1	N
02/27/2006	15:23	N	51166	0.28	0.28	Property Damage Only	Angle	Motor Vehicle in Transport	Passed Stop Sign	Daylight	Clear	Dry	0	0	N
04/11/2006	13:21	N	502	1.38	1.38	Property Damage Only	Angle	Motor Vehicle in Transport	Improper passing	Daylight	Clear	Dry	0	0	N
04/12/2006	09:41	N	51166	0.17	0.17	Property Damage Only	Not a collision between two vehicles	Tree (standing)	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	0	N
05/25/2006	10:11	N	51166	0.08	0.08	Personal Injury Crash	Not a collision between two vehicles	Motor Vehicle in Transport	Roadway circumstances - debris, holes, work zone,	Daylight	Clear	Dry	0	1	N
10/09/2006	12:51	N	502	1.38	1.38	Personal Injury Crash	Angle	Motor Vehicle in Transport	Failed to yield right of way	Daylight	Clear	Dry	0	0	N
10/21/2006	08:43	N	502	1.1	1.1	Property Damage Only	Not a collision between two vehicles	Embankment	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	0	N
12/21/2006	17:23	N	51338	3.21	3.21	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport	Improper lane change	Dark-Lighted	Clear	Dry	0	0	N

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
2007															
04/03/2007	14:48	N	502	1.5	1.5	Property Damage Only	Front to rear	Motor Vehicle in Transport	Driving under the influence	Daylight	Clear	Dry	0	0	Y
01/30/2007	09:01	N	51166	0.27	0.27	Personal Injury Crash	Front to rear	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	1	N
07/11/2007	10:42	N	51166	0.08	0.08	Personal Injury Crash	Sideswipe, same direction	Motor Vehicle in Transport	Unknown	Daylight	Clear	Dry	0	0	N
09/01/2007	03:30	N	51166	0.38	0.38	Property Damage Only	Not a collision between two vehicles	Utility Pole	Speeding	Dark-Lighted	Clear	Dry	0	0	N
12/14/2007	05:39	N	502	1.57	1.57	Property Damage Only	Not a collision between two vehicles	Guardrail Face		Dark-Lighted	Fog, Smog, Smoke	Wet	0	0	N

2008															
01/05/2008	16:36	N	51166	0.19	0.19	Property Damage Only	Angle	Motor Vehicle in Transport		Dark-Not Lighted	Clear	Dry	0	0	N
06/18/2008	13:51	N	51205	1.94	1.94	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport		Daylight	Clear	Dry	0	0	N
05/10/2008	04:42	N	502	1.18	1.18	Property Damage Only	Not a collision between two vehicles	Utility Pole		Dark-Lighted	Clear	Dry	0	0	N
09/28/2008	19:20	N	51166	0.61	0.61	Property Damage Only	Front to front	Motor Vehicle in Transport		Dark-Lighted	Cloudy	Wet	0	0	N
10/02/2008	08:50	N	51166	0.61	0.61	Property Damage Only	Angle	Motor Vehicle in Transport		Daylight	Clear	Dry	0	0	N
09/30/2008	22:10	N	43	1.48	5.55	Property Damage Only	Front to rear	Motor Vehicle in Transport		Dark-Unknown Lighting	Rain	Wet	0	0	N
12/13/2008	11:55	N	502	1.2	1.2	Property Damage Only	Angle	Motor Vehicle in Transport		Daylight	Clear	Dry	0	0	N

2009															
11/29/2009	23:53	N	217	1.18	1.18	Property Damage Only	Not a collision between two vehicles	Utility Pole		Dark-Lighted	Cloudy	Wet	0	0	Y
03/16/2009	11:43	N	51166	0.19	0.19	Property Damage Only	Angle	Motor Vehicle in Transport		Daylight	Cloudy	Dry	0	0	N

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
2009															
04/18/2009	14:53	N	502	1.38	1.38	Property Damage Only	Angle	Motor Vehicle in Transport		Daylight	Clear	Dry	0	0	N
04/22/2009	08:38	N	43	1.48	5.55	Personal Injury Crash	Angle	Motor Vehicle in Transport		Daylight	Cloudy	Dry	0	3	N
05/31/2009	13:21	N	51166	0.28	0.28	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport		Daylight	Clear	Dry	0	0	N
12/27/2009	23:36	N	51166	0		Property Damage Only	Front to front	Guardrail Face	Driving in a careless or reckless manner	Dark-Lighted	Rain	Wet	0	0	N

2010

12/17/2010	17:17	N	00043	1.48	5.55	Personal Injury Crash	Other	Motor Vehicle in Transport	Failed to yield right of way	Dark-Lighted	Clear	Dry	0	1	N
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2011

01/15/2011	22:20	N	51166	0.31	0.31	Property Damage Only	Front to rear	Motor Vehicle in Transport	Following too close	Dark-Lighted	Clear	Dry	0	0	N
01/09/2011	11:12	N	00043	1.48	5.55	Property Damage Only	Angle	Motor Vehicle in Transport	Disregard Traffic Signal	Daylight	Clear	Dry	0	0	N
02/03/2011	18:16	N	51166	0.43	0.43	Property Damage Only	Front to rear	Motor Vehicle in Transport	Following too close	Dark-Lighted	Clear	Dry	0	0	N
02/07/2011	17:24	N	51166	0.62	0.62	Personal Injury Crash	Angle	Motor Vehicle in Transport	Failed to yield right of way	Dark-Lighted	Clear	Wet	0	1	N
05/24/2011	12:28	N	00502	1.52	1.52	Personal Injury Crash	Angle	Motor Vehicle in Transport	Driving in a careless or reckless manner	Daylight	Clear	Dry	0	2	N
08/07/2011	16:49	N	51166	0.44	0.44	Property Damage Only	Angle	Motor Vehicle in Transport	Improper lane change	Daylight	Cloudy	Dry	0	0	N
09/07/2011	16:08	N	00502	1.19	1.19	Property Damage Only	Angle	Motor Vehicle in Transport	Made improper turn	Daylight	Clear	Dry	0	0	N
10/04/2011	15:51	N	00043	1.48	5.55	Personal Injury Crash	Angle	Motor Vehicle in Transport	Disregard Traffic Signal	Daylight	Clear	Dry	0	2	N
10/16/2011	17:46	N	51166	0.16	0.16	Property Damage Only	Other	Utility Pole	Driving under the influence	Daylight	Clear	Dry	0	0	Y

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
2011															
11/10/2011	19:09	N	51194	0.47	0.47	Personal Injury Crash	Angle	Motor Vehicle in Transport	Driving in a careless or reckless manner	Dark-Lighted	Rain	Wet	0	1	N

2012

01/19/2012	08:40	N	00043	1.48	5.55	Property Damage Only	Angle	Motor Vehicle in Transport	Disregard Traffic Signal	Daylight	Clear	Dry	0	0	N
07/07/2012	17:39	N	51111	0.39	0.39	Property Damage Only	Front to rear	Motor Vehicle in Transport	Improper backing	Daylight	Clear	Dry	0	0	N
12/15/2012	09:30	N	51202	0.29	0.29	Property Damage Only	Front to rear	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	0	N

2013

01/12/2013	11:07	N	00502	1.58	1.58	Personal Injury Crash	Angle	Motor Vehicle in Transport	Made improper turn	Daylight	Cloudy	Dry	0	1	N
03/26/2013	11:23	N	00043	1.48	5.55	Property Damage Only	Angle	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear - Clear	Dry	0	0	N
04/01/2013	14:45	N	51205	1.94	1.94	Property Damage Only	Front to rear	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Cloudy	Dry	0	0	N
12/08/2013	11:58	N	51205	1.94	1.94	Property Damage Only	Front to rear	Motor Vehicle in Transport	Other environmental circumstances - weather, glare	Daylight	Snow	Snow	0	0	N

2014

01/02/2014	13:05	N	51194	0.47	0.47	Property Damage Only	Angle	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Cloudy	Dry	0	0	N
03/25/2014	15:30	N	00043	1.48	5.55	Personal Injury Crash	Not a collision between two vehicles	Pedalcycle	Failed to yield right of way	Daylight	Cloudy	Dry	0	1	N
06/03/2014	18:31	N	00502	0.95	0.95	Property Damage Only	Angle	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	0	N

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
2014															
06/25/2014	13:45	N	00502	1.38	1.38	Property Damage Only	Angle	Motor Vehicle in Transport	Failed to yield right of way	Daylight	Clear	Dry	0	0	N
06/26/2014	16:25	N	00043	1.48	5.55	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport	Unknown	Daylight	Cloudy	Dry	0	0	N
07/21/2014	14:06	N	51166	0.19	0.19	Property Damage Only	Angle	Motor Vehicle in Transport	Failed to yield right of way	Daylight	Clear	Dry	0	0	N
11/06/2014	16:36	N	00043	1.48	5.55	Personal Injury Crash	Angle	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Dark-Lighted	Rain	Wet	0	2	N
11/21/2014	11:38	N	00502	1.39	1.39	Property Damage Only	Front to rear	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Cloudy	Dry	0	0	N

2015															
12/05/2015	17:24	N	00043	1.48	5.55	Property Damage Only	Angle	Motor Vehicle in Transport	Driving under the influence	Dark-Lighted	Clear	Dry	0	0	N
01/06/2015	15:17	N	00502	1.19	1.19	Property Damage Only	Front to rear	Motor Vehicle in Transport	Driving in a careless or reckless manner	Daylight	Snow	Ice/Frost	0	0	N
01/27/2015	11:00	N	00502	0.95	0.95	Personal Injury Crash	Angle	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Cloudy	Wet	0	2	N
02/02/2015	09:11	N	00502	0.95	0.95	Property Damage Only	Front to rear	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Rain	Wet	0	0	N
04/16/2015	17:05	N	00502	1.38	1.38	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport	Failed to yield right of way	Daylight	Clear	Dry	0	0	N
06/24/2015	07:58	N	00502	1.05	1.05	Property Damage Only	Not a collision between two vehicles	Motor Vehicle in Transport	Other	Daylight	Clear	Dry	0	0	N
07/29/2015	00:22	N				Property Damage Only	Not a collision between two vehicles	Motor Vehicle in Transport	Driving in an aggressive manner	Dark-Lighted	Clear	Dry	0	0	N
11/10/2015	19:10	N	00502	0.95	0.95	Personal Injury Crash	Front to rear	Stopped Motor Vehicle	Following too close	Dark-Lighted	Cloudy - Rain	Wet	0	2	N

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
11/20/2015	12:14	N	00043	1.48	5.55	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Cloudy	Dry	0	0	N

2016

01/13/2016	16:24	N	00043	1.48	5.55	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport	Speeding	Daylight	Clear	Dry	0	0	N
02/04/2016	08:16	N	00502	1.15	1.15	Personal Injury Crash	Not a collision between two vehicles	Pedalcycle	Other	Daylight	Cloudy	Wet	0	1	N
09/08/2016	08:25	N	00502	0.95	0.95	Property Damage Only	Angle	Motor Vehicle in Transport	Unknown	Daylight	Clear	Dry	0	0	N
09/21/2016	08:46	N				Personal Injury Crash	Front to front	Motor Vehicle in Transport	Failed to yield right of way	Daylight	Cloudy - Cloudy	Dry	0	1	N
12/06/2016	17:20	N	00502	1.58	1.58	Property Damage Only	Angle	Motor Vehicle in Transport	Failed to yield right of way	Dark-Lighted	Rain	Wet	0	0	N

2017

03/06/2017	15:14	N	00502	1.35	1.35	Personal Injury Crash	Sideswipe, opposite direction	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Cloudy	Dry	0	1	N
05/19/2017	08:18	N	00502	1.58	1.58	Property Damage Only	Angle	Motor Vehicle in Transport	Passed Stop Sign	Daylight	Clear	Dry	0	0	N
06/27/2017	08:00	N				Property Damage Only	Unknown	Motor Vehicle in Transport	Unknown	Daylight	Clear	Dry	0	0	N
09/13/2017	13:14	N	00502	1.56	1.56	Personal Injury Crash	Unknown	Unknown	Passed Stop Sign	Daylight	Clear - Clear	Dry	0	1	N
10/23/2017	10:22	N	00502	1.58	1.58	Property Damage Only	Other	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	0	N

2018

01/05/2018	10:25	N	00502	1.3	1.30	Property Damage Only	Front to rear	Motor Vehicle in Transport	Following too close	Daylight	Snow - Clear	Slush	0	0	N
01/19/2018	07:47	N	00502	0.97	0.97	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport	Improper lane change	Daylight	Clear	Dry	0	0	N

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
2018															
04/24/2018	17:36	N	51205	1.94	1.94	Property Damage Only	Front to rear	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	0	N
06/20/2018	16:56	N				Property Damage Only	Unknown	Unknown	Unknown	Daylight	Clear	Dry	0	0	N
08/23/2018	19:17	N	00502	0.95	0.95	Property Damage Only	Angle	Motor Vehicle in Transport	Speeding	Daylight	Clear	Dry	0	0	N

2019															
01/03/2019	19:00	N	00502	1.21	1.21	Property Damage Only	Not a collision between two vehicles	Unknown	Unknown	Dark-Lighted	Clear	Dry	0	0	N
01/15/2019	19:40	N				Personal Injury Crash	Front to front	Motor Vehicle in Transport	Made improper turn	Daylight	Clear	Dry	0	4	N
02/15/2019	12:41	N	00502	1.39	1.39	Property Damage Only	Front to front	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	0	N
02/20/2019	13:42	N	00502	1.28	1.28	Property Damage Only	Angle	Motor Vehicle in Transport	Driving in a careless or reckless manner	Daylight	Snow	Slush	0	0	N
05/09/2019	10:50	N	00217	1.18	1.18	Personal Injury Crash	Not a collision between two vehicles	Motor Vehicle in Transport	Mechanical defects	Daylight	Rain	Wet	0	1	N
10/18/2019	17:23	N				Property Damage Only	Front to front	Motor Vehicle in Transport	Unknown	Daylight	Clear	Dry	0	0	N
11/04/2019	08:22	N	00502	1.15	1.15	Personal Injury Crash	Angle	Unknown	Other	Daylight	Clear	Dry	0	1	N

2020															
02/02/2020	16:53	N	00502	0.95	0.95	Property Damage Only	Unknown	Unknown	Unknown	Daylight	Clear	Wet	0	0	N
02/06/2020	12:06	N	00043	1.48	5.55	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport	Improper lane change	Daylight	Rain	Wet	0	0	N
03/20/2020	12:31	N	00502	1.39	1.39	Property Damage Only	Angle	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear - Clear	Dry	0	0	N

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
2020															
05/03/2020	19:20	N	00502	1.2	1.20	Personal Injury Crash	Not a collision between two vehicles	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	1	N
09/25/2020	23:17	N	00502	1.19	1.19	Personal Injury Crash	Angle	Motor Vehicle in Transport	Failed to yield right of way	Dark-Lighted	Clear	Dry	0	2	N
11/12/2020	10:03	N	51205	1.94	1.94	Personal Injury Crash	Front to rear	Motor Vehicle in Transport	Following too close	Daylight	Cloudy	Wet	0	1	N

2021															
08/16/2021	08:01	N	00502	1.56	1.56	Property Damage Only	Not a collision between two vehicles	Motor Vehicle in Transport	Unknown	Unknown	Unknown	Unknown	0	0	N
01/31/2021	21:59	N				Property Damage Only	Not a collision between two vehicles	Motor Vehicle in Transport	Other environmental circumstances - weather, glare	Dark-Lighted	Snow	Snow	0	0	N
03/08/2021	07:57	N	00502	1.39	1.39	Personal Injury Crash	Front to front	Motor Vehicle in Transport	Failed to yield right of way	Daylight	Clear	Dry	0	1	N
03/23/2021	16:50	N	00502	1.2	1.20	Property Damage Only	Not a collision between two vehicles	Motor Vehicle in Transport	Driver inattention, distraction, or fatigue	Daylight	Cloudy	Dry	0	0	N
08/31/2021	20:30	N				Property Damage Only	Front to rear	Motor Vehicle in Transport	Unknown	Unknown	Unknown	Unknown	0	0	Y
12/24/2021	08:45	N	00502	1.38	1.38	Personal Injury Crash	Front to front	Motor Vehicle in Transport	Failed to yield right of way	Daylight	Clear	Dry	0	0	N

Report generated by TDTSCJM at 2022-02-23 17:34:37.177

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Report Legend

CTY – County

RD – Maintenance Road

MP – Milepoint

C-MP – Continuous Milepoint

Fat – Fatality

Inj – Injury

AL - Alcohol Involved

LC – Lighting Condition

WC – Weather Condition

SC – Surface Condition

FHE – First Harmful Event

PC – Primary Contributing Circumstance

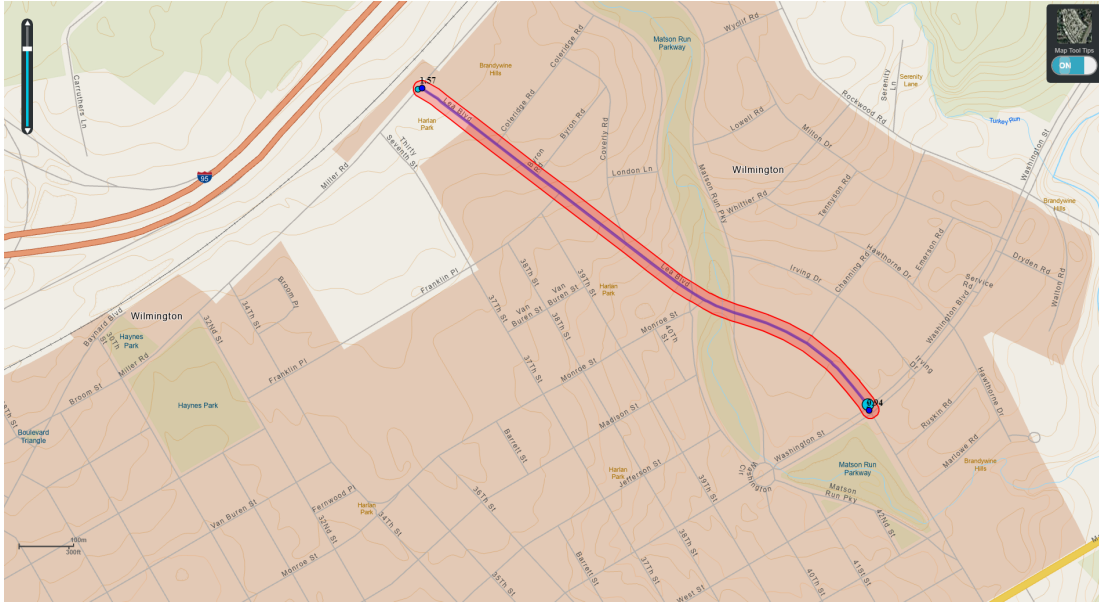
Class – Report Classification

MOI – Manner of Impact

Appendix D: After Crash Data (2023 – 2024)

Delaware Crash Analysis Reporting System

Crash Study Time Period: 08/01/2023 - 01/31/2024
Query Type: AdvancedQueryTool
Description: Traffic Calming Support (2012F)
Study Requested By: Nicole Lehnert (RKK)
Study Generated By: TDTSCJM
Number of Crashes: 3
Includes Non-Reportable Crashes: N
Study Code:



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State of Delaware Crash Study

Summary		Classification			Manner of Impact		
	# of Crashes		# of Crashes	% of Total Crashes		# of Crashes	% of Total Crashes
Total Crashes	3	Non-Reportable	0	0.00%	Front to rear	1	33.33%
Fatal Crashes	0	Reportable	2	66.67%	Front to front	0	0.00%
Total Alcohol-Related Crashes	0	Personal Injury	1	33.33%	Angle	0	0.00%
Total Non Alcohol-Related Crashes	3	Fatality	0	0.00%	Sideswipe, same direction	1	33.33%
Total Fatalities	0	Total	3		Sideswipe, opposite direction	0	0.00%
Total Pedestrian Fatalities	0				Rear to side	0	0.00%
Total Pedestrian Injuries	0				Rear to rear	0	0.00%
Total Pedestrian Crashes	0				Other	0	0.00%
Total Motorcycle Crashes	0				Unknown	0	0.00%
Total Pedalcyclist Crashes	0				Not a collision between two vehicles	1	33.33%
					Total	3	

Alcohol Related Crashes By Classification

	Non-reportable	Reportable	Personal Injury	Fatality	Total
Alcohol Related	0	0	0	0	0
Non-Alcohol Related	0	2	1	0	3
Total	0	2	1	0	3

Manner of Impact By Classification

	Non-Reportable	Reportable	Personal Injury	Fatality	Total
Front to rear	0	0	1	0	1
Front to front	0	0	0	0	0
Angle	0	0	0	0	0
Sideswipe, same direction	0	1	0	0	1
Sideswipe, opposite direction	0	0	0	0	0
Rear to side	0	0	0	0	0
Rear to rear	0	0	0	0	0
Other	0	0	0	0	0
Unknown	0	0	0	0	0
Not a collision between two vehicles	0	1	0	0	1
Total	0	2	1	0	3

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Day Of Week		
	# of Crashes	% of Total Crashes
Sunday	0	0.00%
Monday	1	33.33%
Tuesday	0	0.00%
Wednesday	0	0.00%
Thursday	1	33.33%
Friday	0	0.00%
Saturday	1	33.33%
Total	3	

Time Of Day (AM)		
	# of Crashes	% of Total Crashes
00:00 - 00:59	0	0.00%
01:00 - 01:59	0	0.00%
02:00 - 02:59	0	0.00%
03:00 - 03:59	0	0.00%
04:00 - 04:59	0	0.00%
05:00 - 05:59	0	0.00%
06:00 - 06:59	0	0.00%
07:00 - 07:59	0	0.00%
08:00 - 08:59	0	0.00%
09:00 - 09:59	0	0.00%
10:00 - 10:59	0	0.00%
11:00 - 11:59	1	33.33%
Total	1	

Time Of Day (PM)		
	# of Crashes	% of Total Crashes
12:00 - 12:59	0	0.00%
13:00 - 13:59	0	0.00%
14:00 - 14:59	0	0.00%
15:00 - 15:59	0	0.00%
16:00 - 16:59	1	33.33%
17:00 - 17:59	1	33.33%
18:00 - 18:59	0	0.00%
19:00 - 19:59	0	0.00%
20:00 - 20:59	0	0.00%
21:00 - 21:59	0	0.00%
22:00 - 22:59	0	0.00%
23:00 - 23:59	0	0.00%
Total	2	
Unknown Time	0	

Surface Conditions		
	# of Crashes	% of Total Crashes
Dry	3	100.00%
Wet	0	0.00%
Snow	0	0.00%
Ice/Frost	0	0.00%
Sand	0	0.00%
Water (standing, moving)	0	0.00%
Slush	0	0.00%
Oil	0	0.00%
Mud, Dirt, Gravel	0	0.00%
Other	0	0.00%
Unknown	0	0.00%
Total	3	

Lighting Conditions		
	# of Crashes	% of Total Crashes
Daylight	1	33.33%
Dawn	0	0.00%
Dusk	0	0.00%
Dark-Lighted	2	66.67%
Dark-Not Lighted	0	0.00%
Dark-Unknown Lighting	0	0.00%
Other	0	0.00%
Unknown	0	0.00%
Total	3	

Weather Conditions		
	# of Crashes	% of Total Crashes
Clear	3	100.00%
Cloudy	0	0.00%
Fog, Smog, Smoke	0	0.00%
Rain	0	0.00%
Sleet, Hail (freezing rain or drizzle)	0	0.00%
Snow	0	0.00%
Blowing Snow	0	0.00%
Severe Crosswinds	0	0.00%
Blowing Sand, Soil, Dirt	0	0.00%
Other	0	0.00%
Unknown	0	0.00%
Total	3	

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First Harmful Event		
	# of Crashes	% of Total Crashes
Overturn/Rollover, Non-Collision	0	0.00%
Fire/Explosion, Non-Collision	0	0.00%
Immersion, Non-Collision	0	0.00%
Jackknife, Non-Collision	0	0.00%
Cargo/Equipment Loss or Shift, Non-Collision	0	0.00%
Fell/Jumped From Motor Vehicle, Non-Collision	0	0.00%
Thrown or Falling Object, Non-Collision	0	0.00%
Other Non-Collision, Non-Collision	0	0.00%
Pedestrian, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Pedalcycle, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Railway Vehicle (train, engine), Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Animal, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Motor Vehicle in Transport, Collision With Person, Motor Vehicle, or Non-Fixed Object	2	66.67%
Legally Parked Motor Vehicle, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Struck by Anything Set in Motion by Vehicle, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Work Zone / Maintenance Equipment, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Other Non-Fixed Object, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Impact Attenuator/Crash Cushion, Collision With Fixed Object	0	0.00%
Bridge Overhead Structure, Collision With Fixed Object	0	0.00%
Bridge Pier or Support, Collision With Fixed Object	0	0.00%
Bridge Rail, Collision With Fixed Object	0	0.00%
Cable Barrier, Collision With Fixed Object	0	0.00%
Culvert, Collision With Fixed Object	0	0.00%
Curb, Collision With Fixed Object	0	0.00%
Ditch, Collision With Fixed Object	0	0.00%
Embankment, Collision With Fixed Object	0	0.00%

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Guardrail Face, Collision With Fixed Object	0	0.00%
Guardrail End, Collision With Fixed Object	0	0.00%
Concrete Traffic Barrier, Collision With Fixed Object	0	0.00%
Other Traffic Barrier, Collision With Fixed Object	0	0.00%
Tree (standing), Collision With Fixed Object	0	0.00%
Utility Pole, Collision With Fixed Object	0	0.00%
Light Support, Collision With Fixed Object	0	0.00%
Traffic Sign Support, Collision With Fixed Object	0	0.00%
Overhead Sign Support, Collision With Fixed Object	0	0.00%
Traffic Signal Support, Collision With Fixed Object	0	0.00%
Fence, Collision With Fixed Object	0	0.00%
Mailbox, Collision With Fixed Object	1	33.33%
Other Post, Pole or Support, Collision With Fixed Object	0	0.00%
Other Fixed Object (wall, building, tunnel, etc.), Collision With Fixed Object	0	0.00%
Illegally Parked Motor Vehicle, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Stopped Motor Vehicle, Collision With Person, Motor Vehicle, or Non-Fixed Object	0	0.00%
Unknown, Collision With Fixed Object	0	0.00%
Total	3	

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Primary Contributing Circumstance		
	# of Crashes	% of Total Crashes
Speeding	0	0.00%
Failed to yield right of way	0	0.00%
Passed Stop Sign	0	0.00%
Disregard Traffic Signal	0	0.00%
Wrong side or wrong way	0	0.00%
Improper passing	1	33.33%
Improper lane change	0	0.00%
Following too close	0	0.00%
Made improper turn	1	33.33%
Driving under the influence	0	0.00%
Driver inattention, distraction, or fatigue	1	33.33%
Driving in a careless or reckless manner	0	0.00%
Driving in an aggressive manner	0	0.00%
Improper backing	0	0.00%
Other improper driving	0	0.00%
Mechanical defects	0	0.00%
Animal in Roadway - Deer	0	0.00%
Animal in Roadway - Other Animal	0	0.00%
Other environmental circumstances - weather, glare	0	0.00%
Roadway circumstances - debris, holes, work zone,	0	0.00%
Other	0	0.00%
Unknown	0	0.00%
Total	3	

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Driver Action		
	# of Drivers	% of Total Crashes
No Contributing Action	2	40.00%
Failed to yield right of way	0	0.00%
Ran Red Light	0	0.00%
Ran Stop Sign	0	0.00%
Disregard other traffic sign	0	0.00%
Disregard other road markings	0	0.00%
Exceeded authorized speed limit	0	0.00%
Driving too fast for conditions	0	0.00%
Made an improper turn	1	20.00%
Improper backing	0	0.00%
Wrong side or wrong way	0	0.00%
Followed too closely	0	0.00%
Failure to keep in proper lane	0	0.00%
Ran off roadway	0	0.00%
Operating vehicle in erratic, reckless, careless, negligent or aggressive manner	1	20.00%
Swerving or avoiding due to wind, slippery surface, vehicle, object, non-motorist in roadway, etc.	0	0.00%
Over-correcting/over-steering	0	0.00%
Improper Passing	0	0.00%
Other Contributing Action	0	0.00%
Unknown	1	20.00%
Total	5	

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Date	Time	CTY	RD	MP	C-MP	Class	MOI	FHE	PC	LC	WC	SC	Fat	Inj	AL
2023															
08/24/2023	11:50	N	00502	0.95	0.95	Personal Injury Crash	Front to rear	Mailbox	Driver inattention, distraction, or fatigue	Daylight	Clear	Dry	0	2	N
09/09/2023	16:00	N	00043	1.48	5.55	Property Damage Only	Sideswipe, same direction	Motor Vehicle in Transport	Improper passing	Dark-Lighted	Clear	Dry	0	0	N
2024															
01/22/2024	17:43	N	00217	1.18	1.18	Property Damage Only	Not a collision between two vehicles	Motor Vehicle in Transport	Made improper turn	Dark-Lighted	Clear	Dry	0	0	N

Report generated by TDTSCJM at 2024-02-06 15:21:18.062

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Report Legend

CTY – County

RD – Maintenance Road

MP – Milepoint

C-MP – Continuous Milepoint

Fat – Fatality

Inj – Injury

AL - Alcohol Involved

LC – Lighting Condition

WC – Weather Condition

SC – Surface Condition

FHE – First Harmful Event

PC – Primary Contributing Circumstance

Class – Report Classification

MOI – Manner of Impact