

**2021  
Allen County  
Traffic Crash  
Summary Report**

**DRAFT**



Lima/Allen County  
**REGIONAL PLANNING  
COMMISSION**



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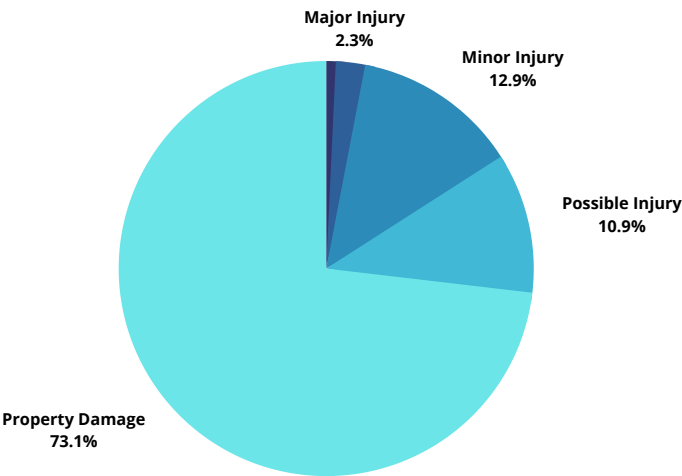
# Introduction

The Lima-Allen County Regional Planning Commission (LACRPC) is pleased to present the 2021 Traffic Crash summary report for Allen County, Ohio. This report reflects motor vehicle crashes for the calendar year 2021 and intends to provide the reader with a clear summary of the year's activity. In addition, it will attempt to draw some parallels between the county's crashes and statewide trends to provide our members with sufficient information to make informed decisions regarding traffic improvements. The contents of this report represent the work of the LACRPC. The report does not represent a standard or policy of FHWA, ODOT, ODPS, or the NHTSA. Please forward any questions or concerns to the LACRPC at 130 W. North Street, Lima, Ohio 45801 ([www.LACRPC.com](http://www.LACRPC.com)). This report presents data across various topics, but if additional data is needed, please don't hesitate to contact LACRPC's office directly at (419)-228-1836

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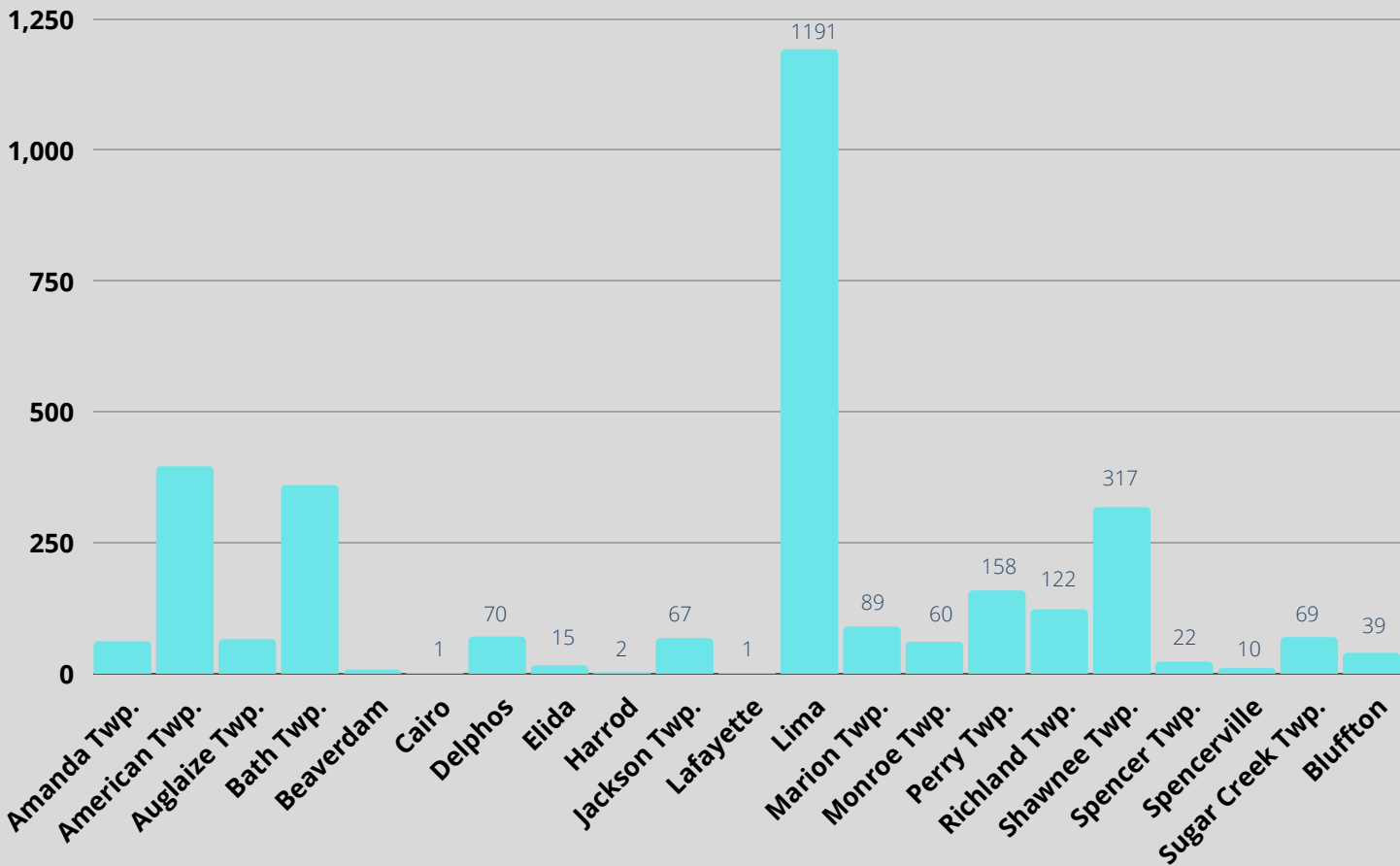


## 2021 Crash Severity



\*Unlabeled wedge represents fatal crashes at 0.73% or 23 crashes

## Crashes by Political Subdivision





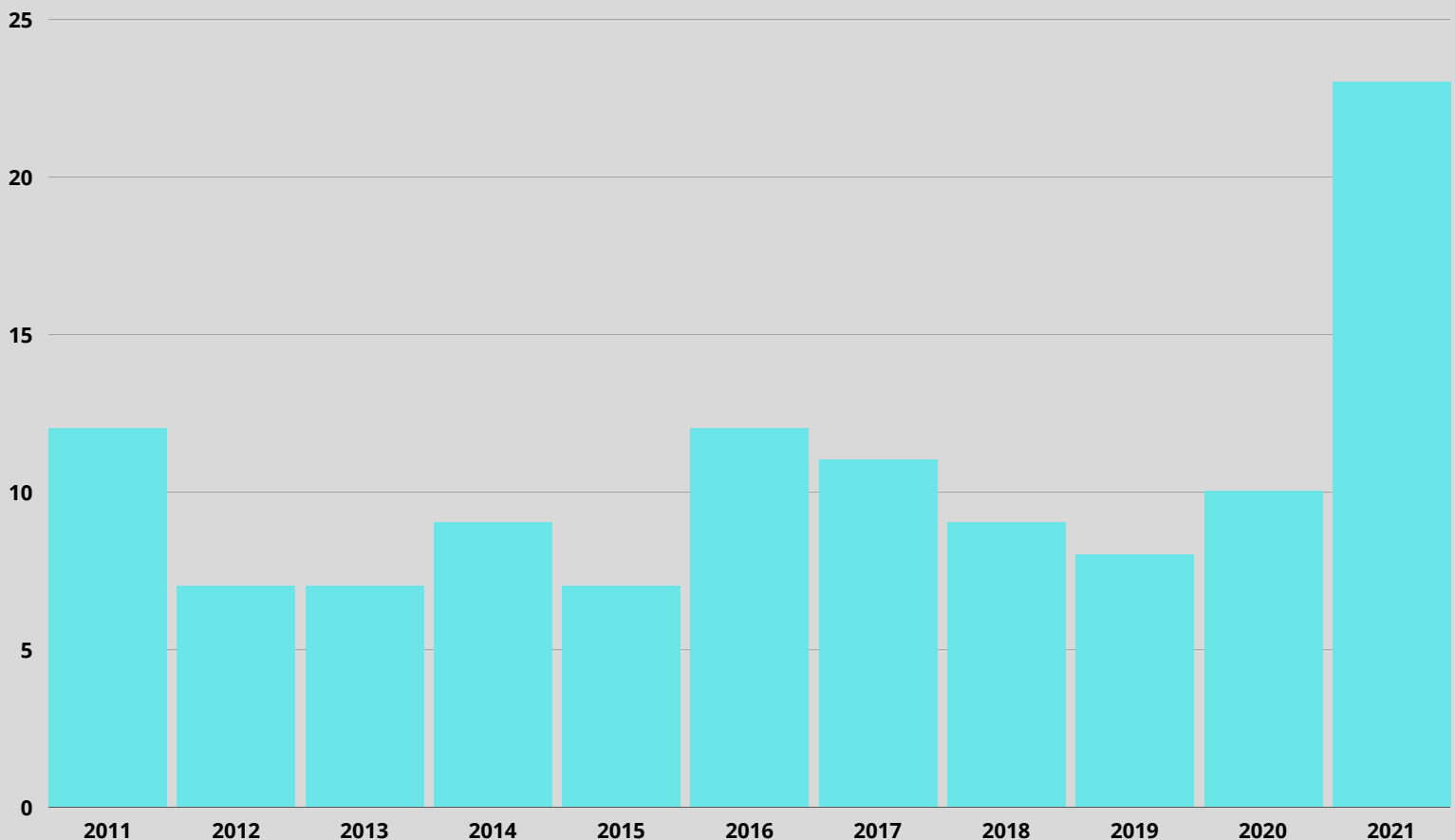
## 2021 Traffic Crash Overview

A total of 3,120 crashes occurred within LACRPC's planning area in 2021. All crashes provided within the Ohio Department of Transportation's (ODOT) GIS Crash Analysis Tool (GCATS) system were included in this report. There were 23 fatal crashes, 815 involving injuries of varying degrees, and 2,282 involving only property damage (see attached statistical sheets). Regarding personal costs, 25 individuals were killed and 1,226 injured in crashes in 2021.

Regarding the total number of traffic crashes, 2021 was an average year. However, one glaring exception was the number of fatal crashes within the county. 2021 was the single deadliest traffic year in Allen County since 2011. Twenty-three fatal crashes killed twenty-five individuals, a 130% increase over 2020, and a 130% increase over the 10-year average. Allen County has historically enjoyed a relatively low fatal crash rate. This data point represents a significant departure from the downward trend Allen County had been experiencing.

Allen County also continues to battle impaired driving. In 2021, 5% of all crashes involved drugs or alcohol, while 6% were attributed to distracted driving. Additionally, there were 38 crashes involving pedestrians, bicyclists, or other non-motorized vehicles, seven of which proved fatal

### Fatal Crashes Over Time





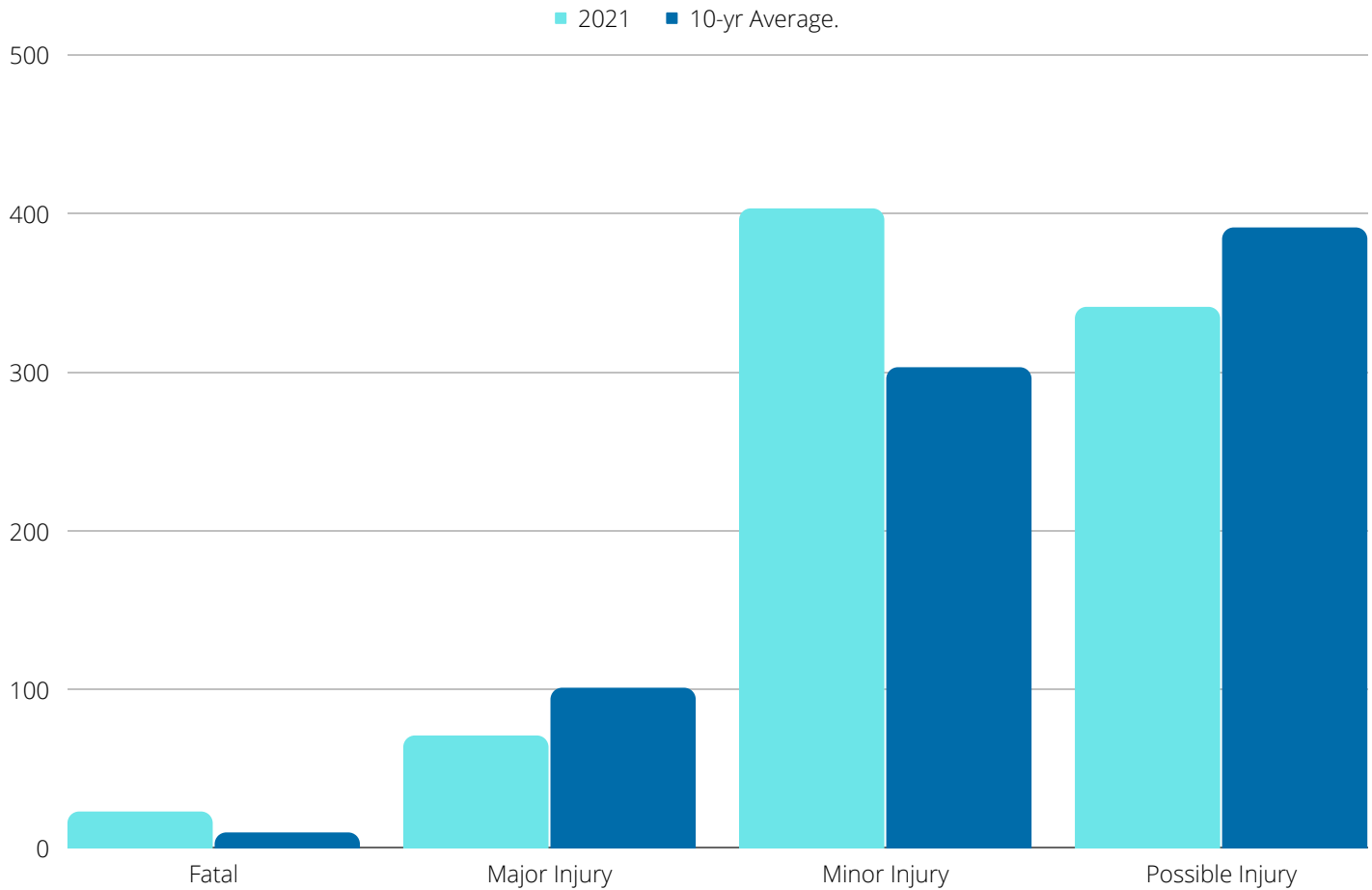
	Performance Measure Goal	Number Achieved
1	Total Fatalities - 9	25
2	Total Serious Injuries - 94	71
3	Fatal Rate - 0.75/100 MVM	7.76/100 MVM
4	Serious Injury Rate - 7.375/100 MVM	5.44/100 MVM
5	Ped/Non-Motorized Fatal/Serious Injuries - 7	8

## Safety Based Performance Measures

The goal of this report is to improve roadway safety in Allen County. A set of quantitative measurements must be established as a baseline comparison for past and future data to achieve these goals. The FAST Act, established under the Obama Administration, establishes these goals as performance measures. Per the FAST Act standards and concurrence of statewide goals set by ODOT, this MPO committed to a goal of a 2% reduction in CY 2021, using a 5-year rolling average (2016-2020) as a baseline in all five (5) safety metrics. These metrics include the total number of fatalities, the fatality rate per 100 million vehicle miles (MVM), the total number of serious injuries, serious injuries per 100 MVM, and non-motorized Fatalities and/or serious injuries. The MPO uses these performance measures to prioritize future improvements and make recommendations to governmental bodies. Please note that other performance measures were established by the FAST Act but are not applicable under the scope of this report.

# Crash Severity Vs. 10-Yr. Average

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\*Not Pictured is Property Damage Only Crashes. 2021 total is 2282 crashes while the 10-yr rolling average is 2358 crashes.

## Historical Crash Comparison

The City of Lima had the highest crash total with 1,191 crashes in 2021, followed by American Township with 395 crashes. However, the individual entity totals decreased from there. As is the case most years, the overwhelming majority of crashes occur during the day (62.60%) on dry roads (63.56%) between the hours of 3:00 P.M. and 5:00 P.M. The same applies to the crash month, the highest being November (11.6%). The lowest being January and June (6.8%).

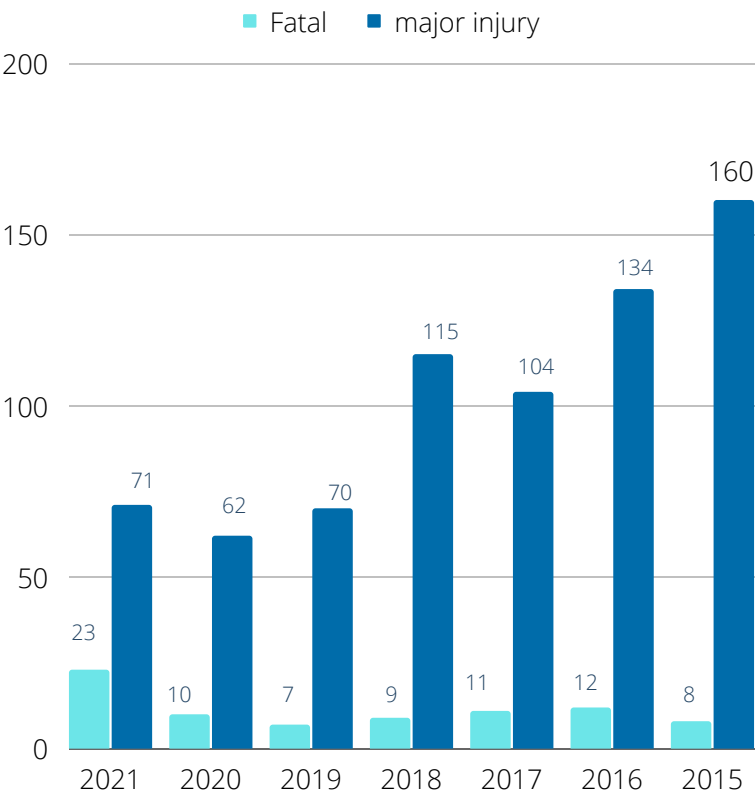
While single-year crash totals were higher than in 2020, the data becomes much more mundane when comparing the 2021 totals to the 10-year rolling average. When using the broader lens of time, with a few notable exceptions, the 2021 totals are lower than the 10-year rolling averages.

# Historical Crash Comparison

This demonstrates that while it is possible to see year-to-year fluctuations, long-term change is only visible through running averages and historical comparisons. Using this metric, 2021 was essentially a success in regards to traffic safety improvements, total accidents are below the 10-year average (3,120 and 3,164, respectively). This trend remains consistent relative to the Equivalent Property Damage Only Index( EDPO), a metric measuring the severity of traffic Crashes (3.19 vs. 3.25). Considering those facts, we can confidently say that 2021 had fewer traffic crashes and fewer severe incidents than usual.

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## Crashes Over Time



- Crashes up 7.2% from 2020
- 2021 total actually lower than the 10 year rolling average (3120 vs. 3164)
- Fatal crashes up 130%

To some degree, 2020 represents a poor comparison metric for traffic statistics primarily due to the abnormality caused by COVID-19. However, it will be considered here because it remained relatively consistent in terms of fatal crashes. Ohio saw a significant rise (7.2%) in fatal crashes from 2020 to 2021. While a far cry from the 130% experienced here in Allen County, a considerable amount of that variation can be explained by sample size. This agency does not attempt to minimize the massive fatalities spike as that would be more conjecture than fact. However, we offer a few points for consideration regarding the total number of fatal crashes.

Principally, a not-insignificant amount of the fatalities can be attributed to factors outside of roadway safety and, therefore, outside of what this agency can plan for, health conditions, age, and criminal activity, to name a few. Lastly, there is some internal debate on what constitutes a traffic fatality and how to count the same. This agency defers to ODOT for the sake of consistency. With these in mind and the statewide trends, we can begin to put the spike in fatalities into perspective.



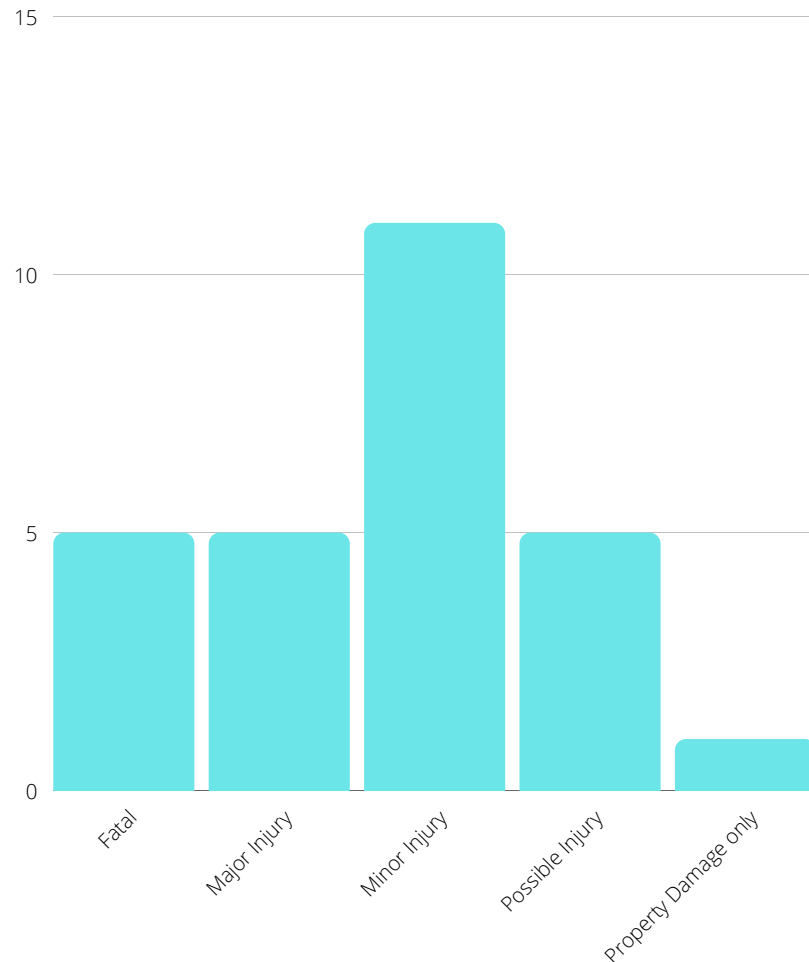
## High Crash Intersections



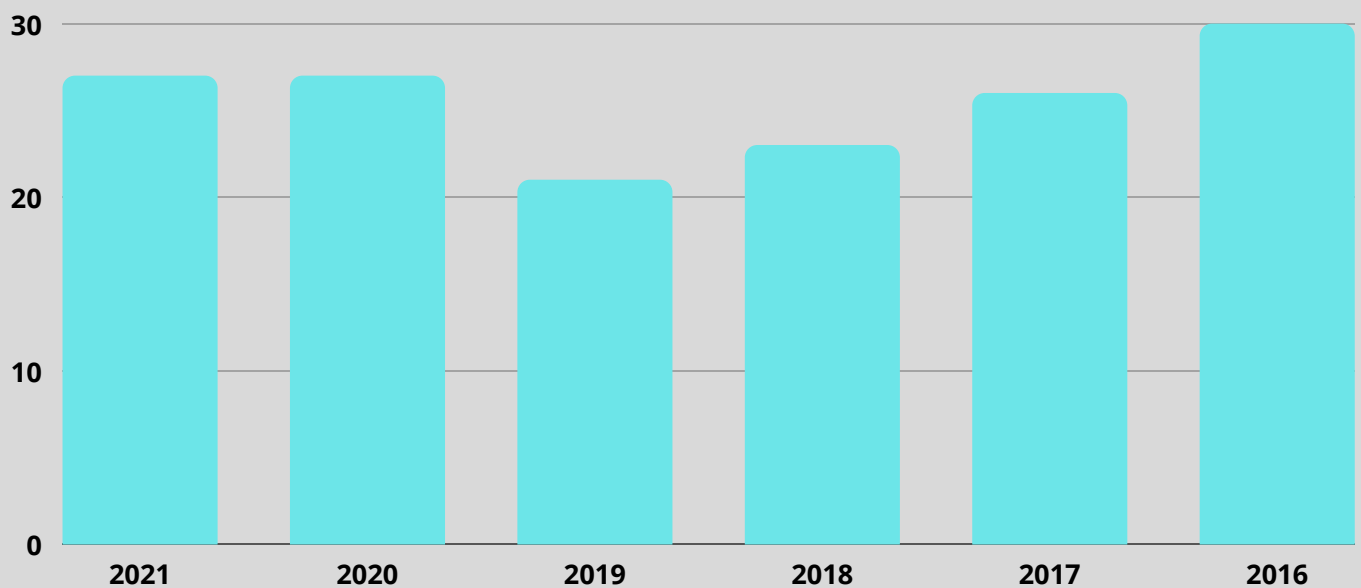
- Allentown and Cable
- Cable and Elida
- Ft. Amanda and Shawnee
- Main and Market
- Eastown and Elida
- Metcalf and North
- Jameson and Market
- "5 Points"
- Cable and Latham
- Cole and Elida
- Allentown and Eastown

\*"5 points" refers to the area where Leonard Ave., Harding highway, Bellefontaine Ave., Kibby St., and I-75 meet.

## 2021 Pedestrian Crash Severity



## Pedestrian Crashes Over Time



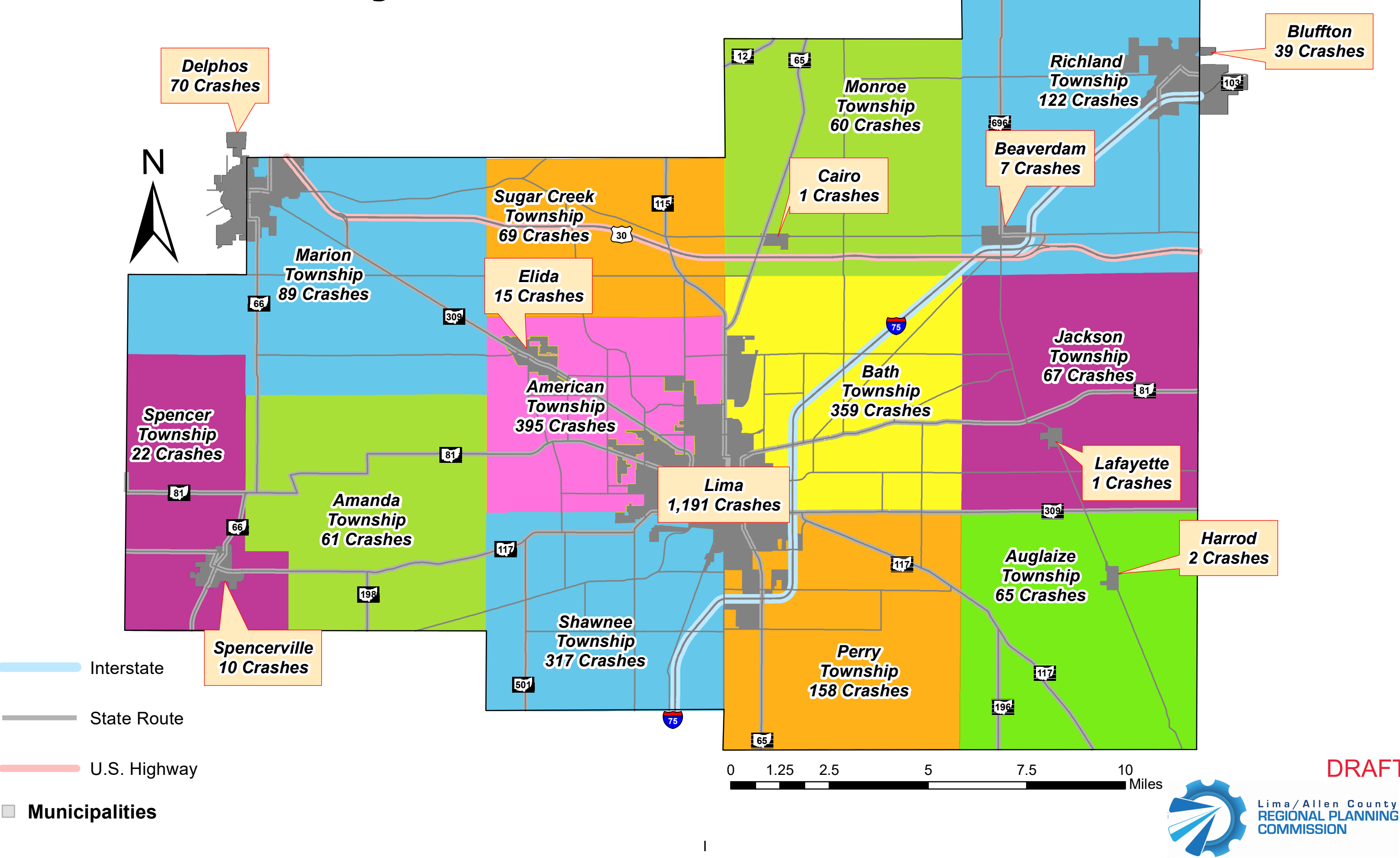




# 2021 Crash Maps

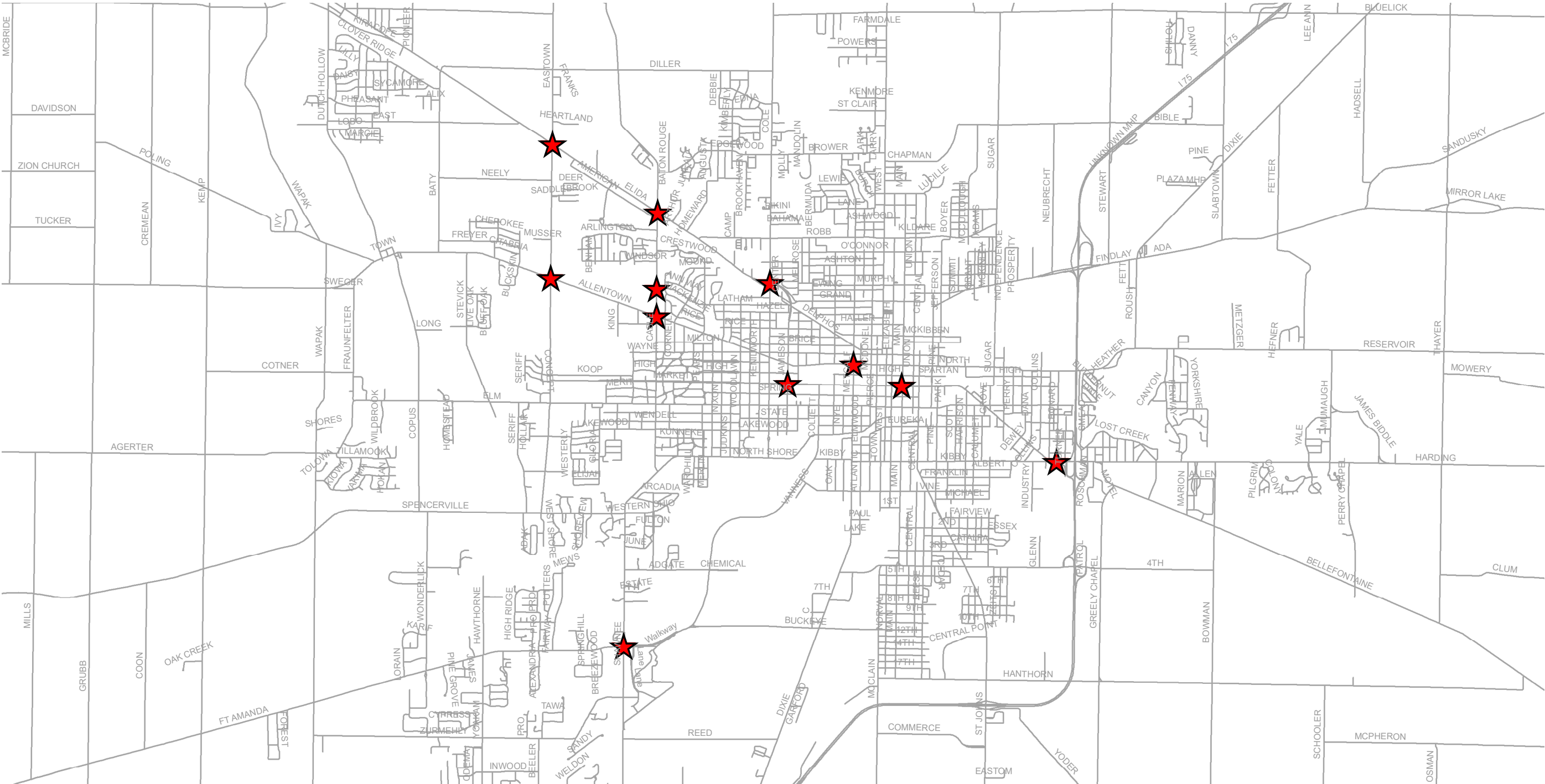
2021 Crashes by Political Subdivision	I
2019-2021 High Crash Intersections	II
Amanda Township Crashes	III
American Township Crashes	IV
Auglaize Township Crashes	V
Bath Township Crashes	VI
Beaverdam Crashes	VII
Bluffton Crashes	VIII
Cairo Crashes	IX
Delphos Crashes	X
Elida Crashes	XI
Harrod Crashes	XII
Jackson Township Crashes	XIII
Lafayette Crashes	XIV
Lima Crashes	XV
Marion Township Crashes	XVI
Monroe Township Crashes	XVII
Perry Township Crashes	XVIII
Richland Township Crashes	XIX
Shawnee Township Crashes	XX
Spencer Township Crashes	XXI
Spencerville Crashes	XXII
Sugar Creek Township Crashes	XXIII

# 2021 Crashes by Political Subdivision



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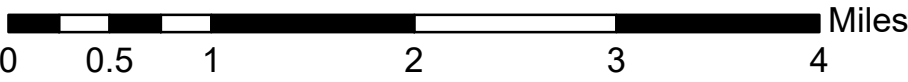
# 2019-2021 High Crash Intersections



2021 High Crash Intersections

2019-2021 Rank	Intersection	Crashes	AADT	Crash Year			Crash Severity				Crash Rates		Location Jurisdiction	Primary Roadway Responsibility
				2019	2020	2021	Fatal	Injury	PDO	Total	Crash (MEV)	EPDO Rate		
1	Allentown and Cable	91	30109	29	32	30	0	31	60	91	2.760138923	2.85967033	American Township	ODOT
2	Cable and Elida	70	29048	26	22	22	0	20	50	70	2.200734668	2.696142857	City of Lima	ODOT
3	Ft. Amanda and Shawnee	63	19558	32	9	22	0	6	57	63	2.941724439	1.394603175	Shawnee Township	Allen County
4	Main and Market	49	8395	24	13	12	0	8	41	49	5.330417921	3.052619048	City of Lima	City of Lima
4	Eastown and Elida	49	27880	18	15	16	0	12	37	49	5.330417921	1.733877551	American Township	ODOT
6	Metcalf ad North	44	21142	14	12	18	0	12	32	44	1.441271463	2.014693878	Metcalf and North	ODOT
7	Jameson and Market	43	14466	10	16	17	0	13	30	43	1.857412089	2.273863636	City of Lima	City of Lima
8	"5 Points"	42	22494	18	12	12	0	13	29	42	2.651469956	3.152093023	City of Lima	ODOT
9	Cable and Latham	39	20621	11	10	18	0	11	28	39	1.727192588	2.925897436	City of Lima	City of Lima
10	Cole and Elida	38	17172	12	13	13	0	11	27	38	2.02091756	2.328947368	American Township	ODOT
11	Allentown and Eastown	35	25436	14	9	12	0	16	19	35	1.256623302	4.822857143	American Township	ODOT

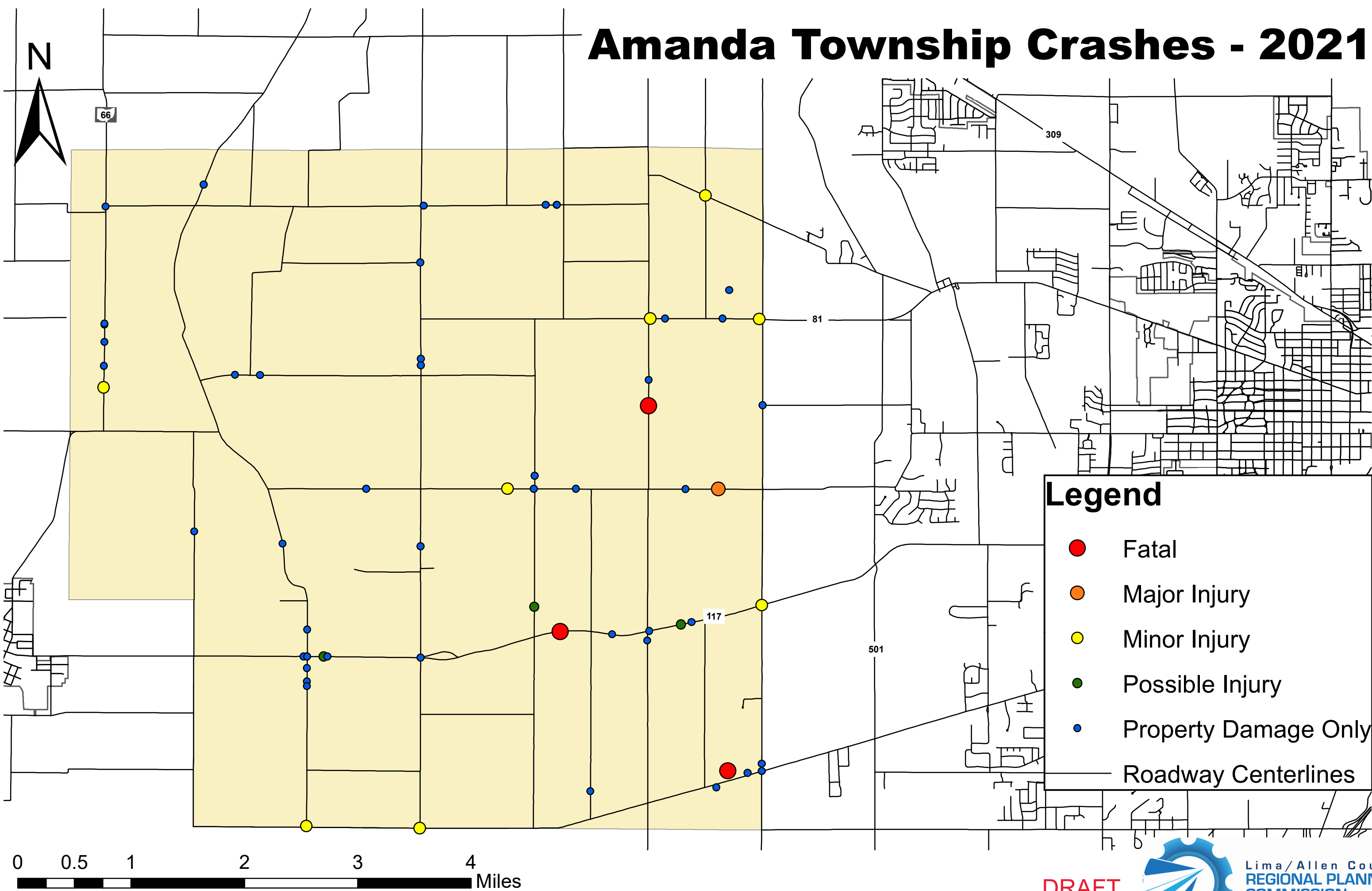
★ High Crash Intersection 2021



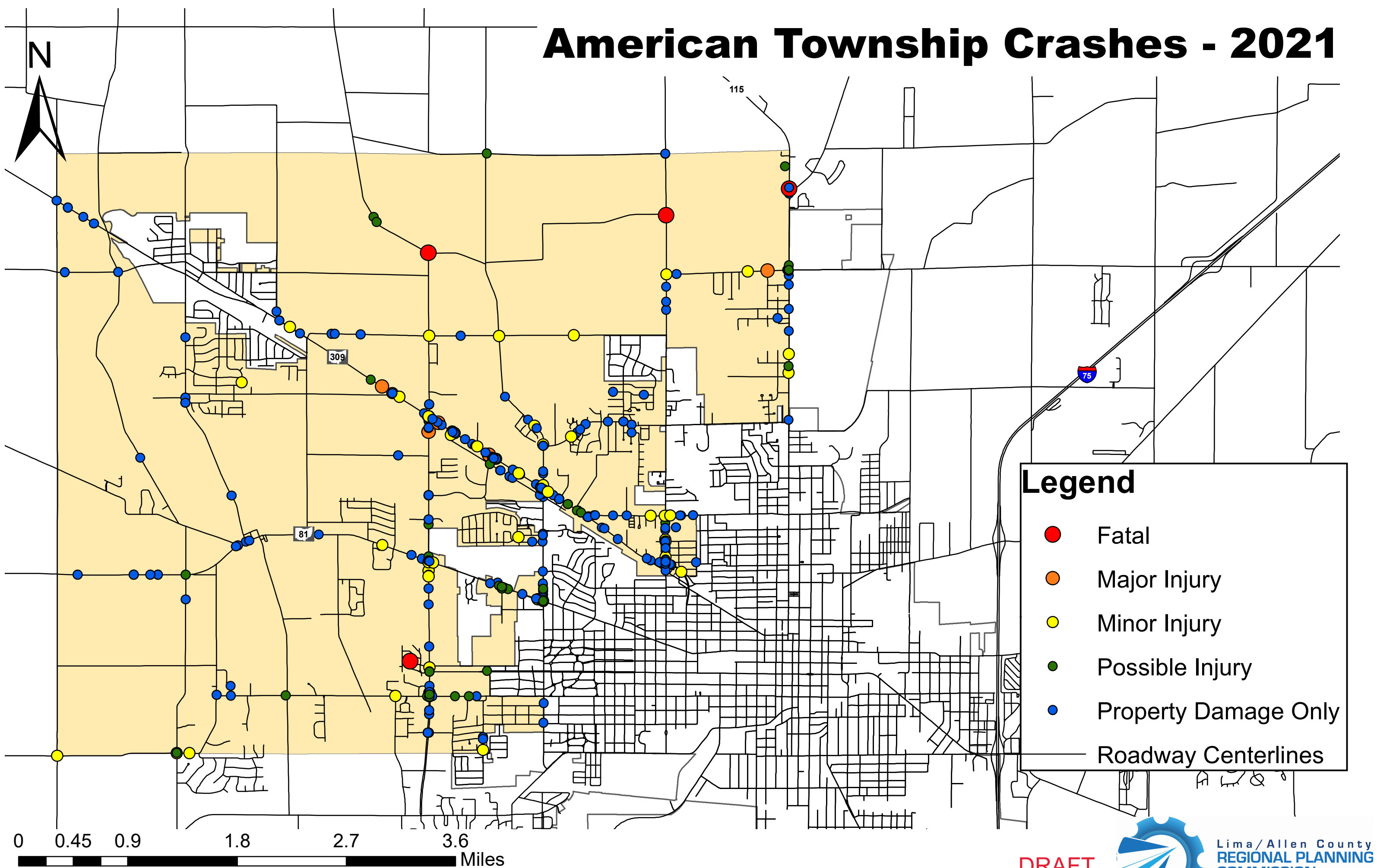
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# Amanda Township Crashes - 2021



# American Township Crashes - 2021



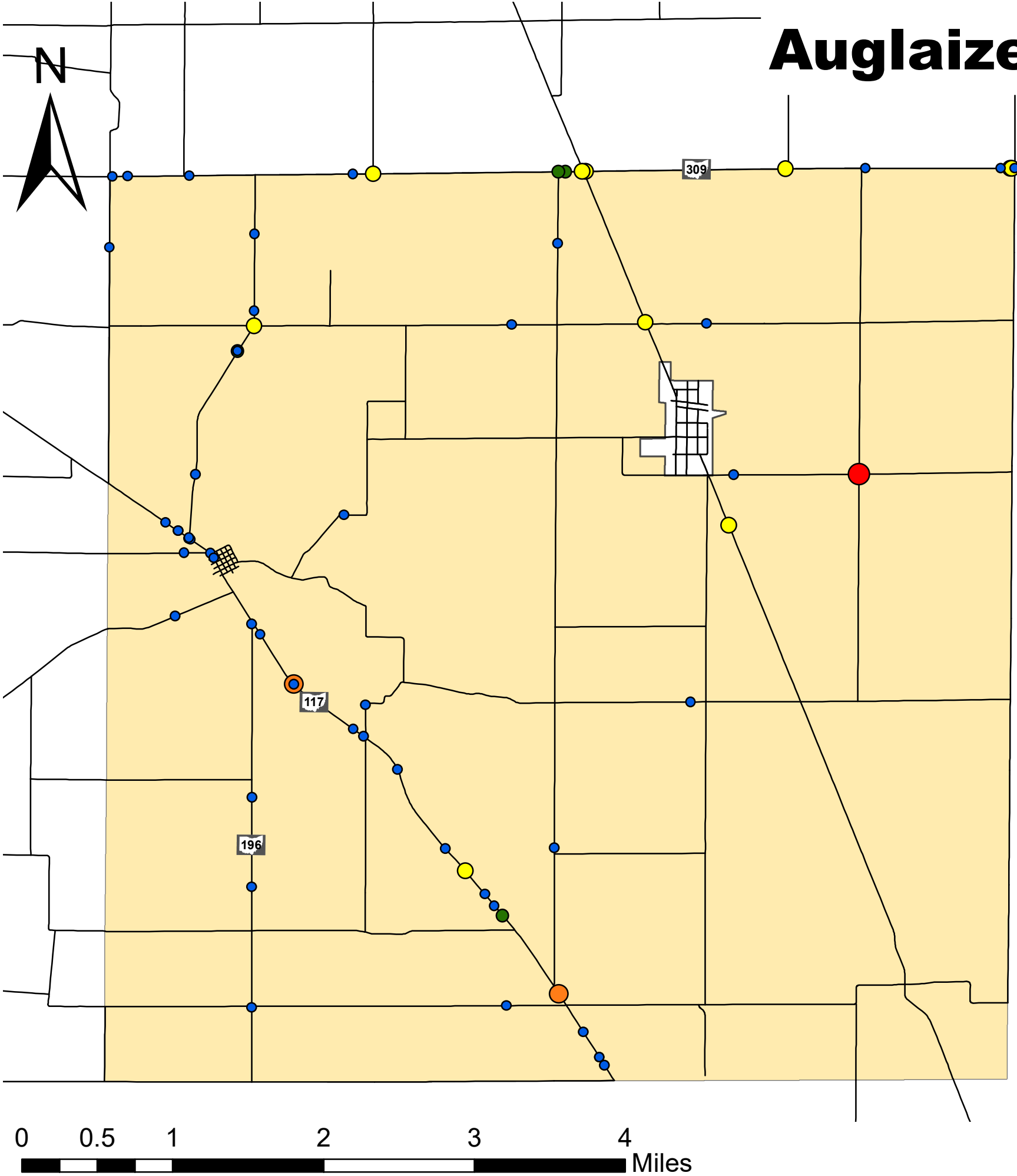
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# Auglaize Township Crashes - 2021



Legend

Fatal

Major Injury

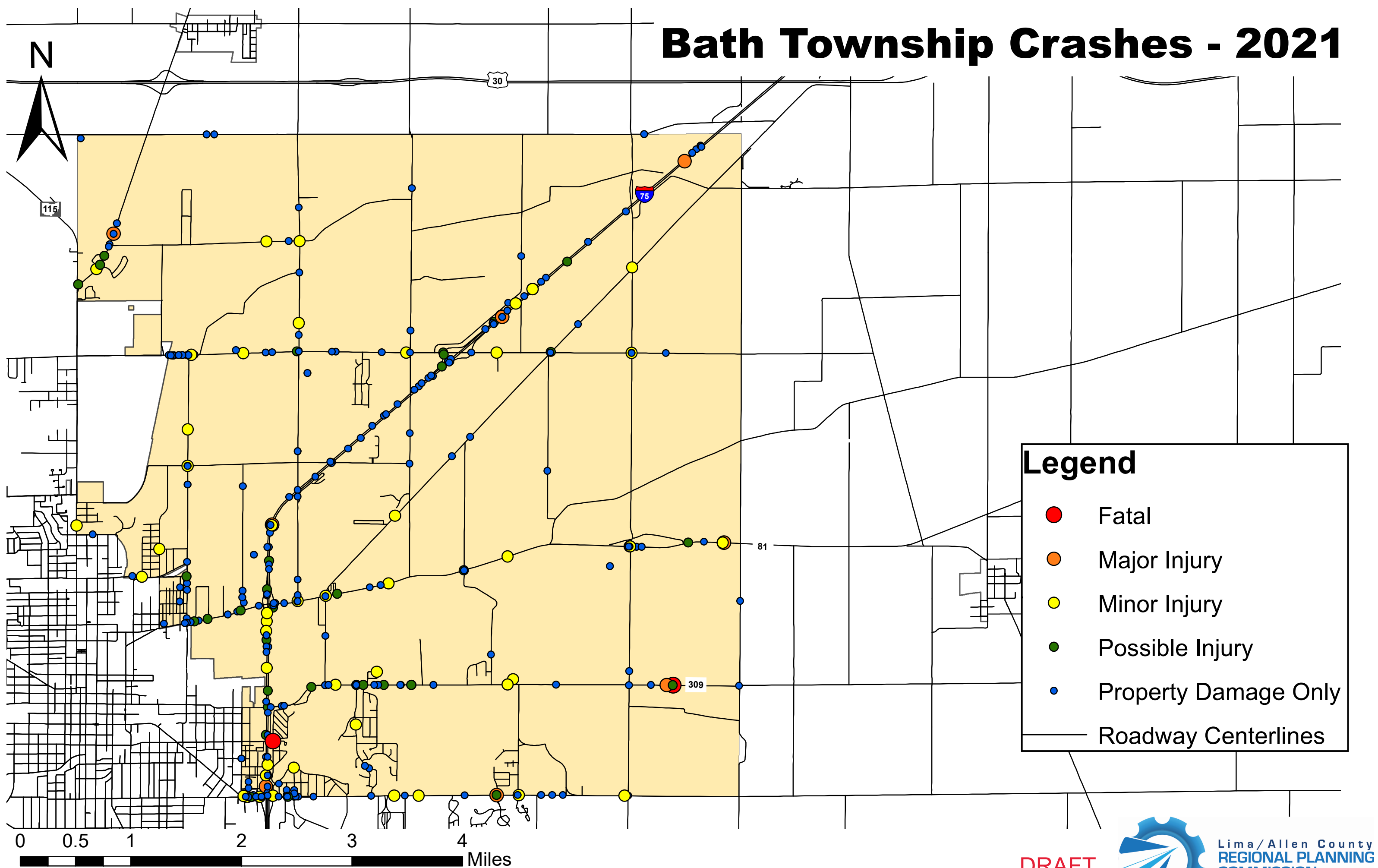
Minor Injury

Possible Injury

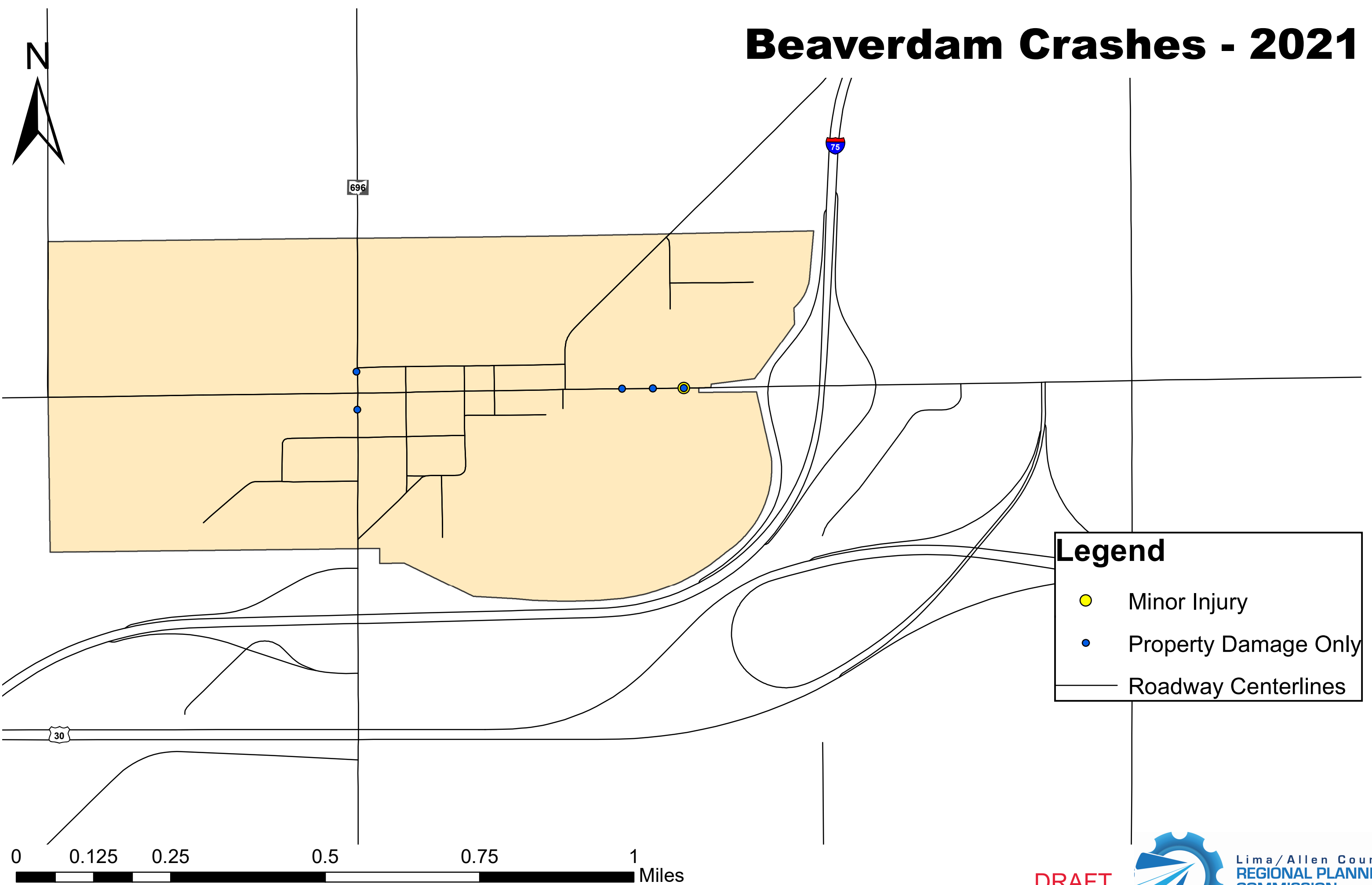
Property Damage Only

Roadway Centerlines

# Bath Township Crashes - 2021



# Beaverdam Crashes - 2021



Legend

Minor Injury

Property Damage Only

Roadway Centerlines

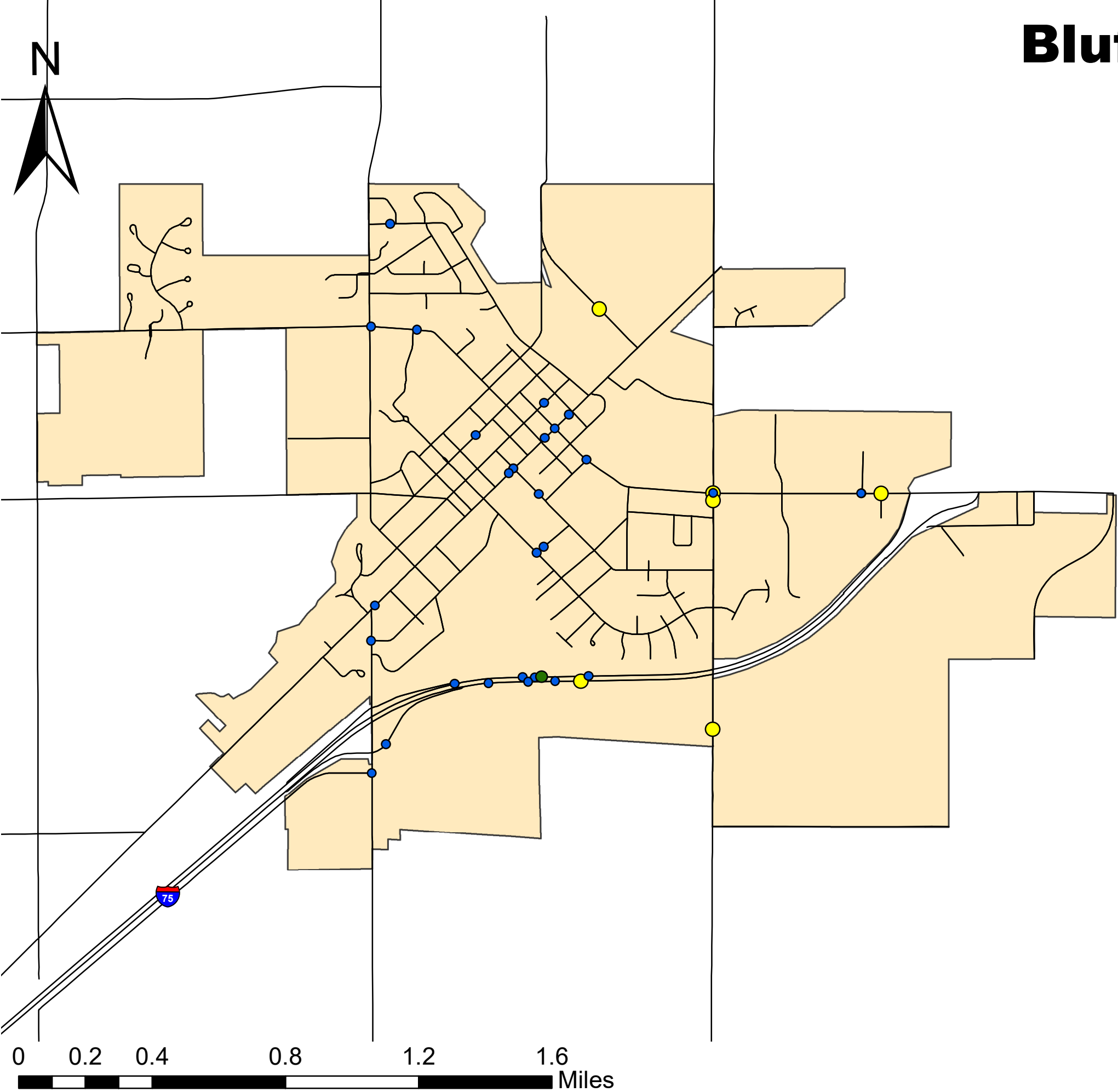
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# Bluffton Crashes - 2021



**Legend**

Minor Injury

Possible Injury

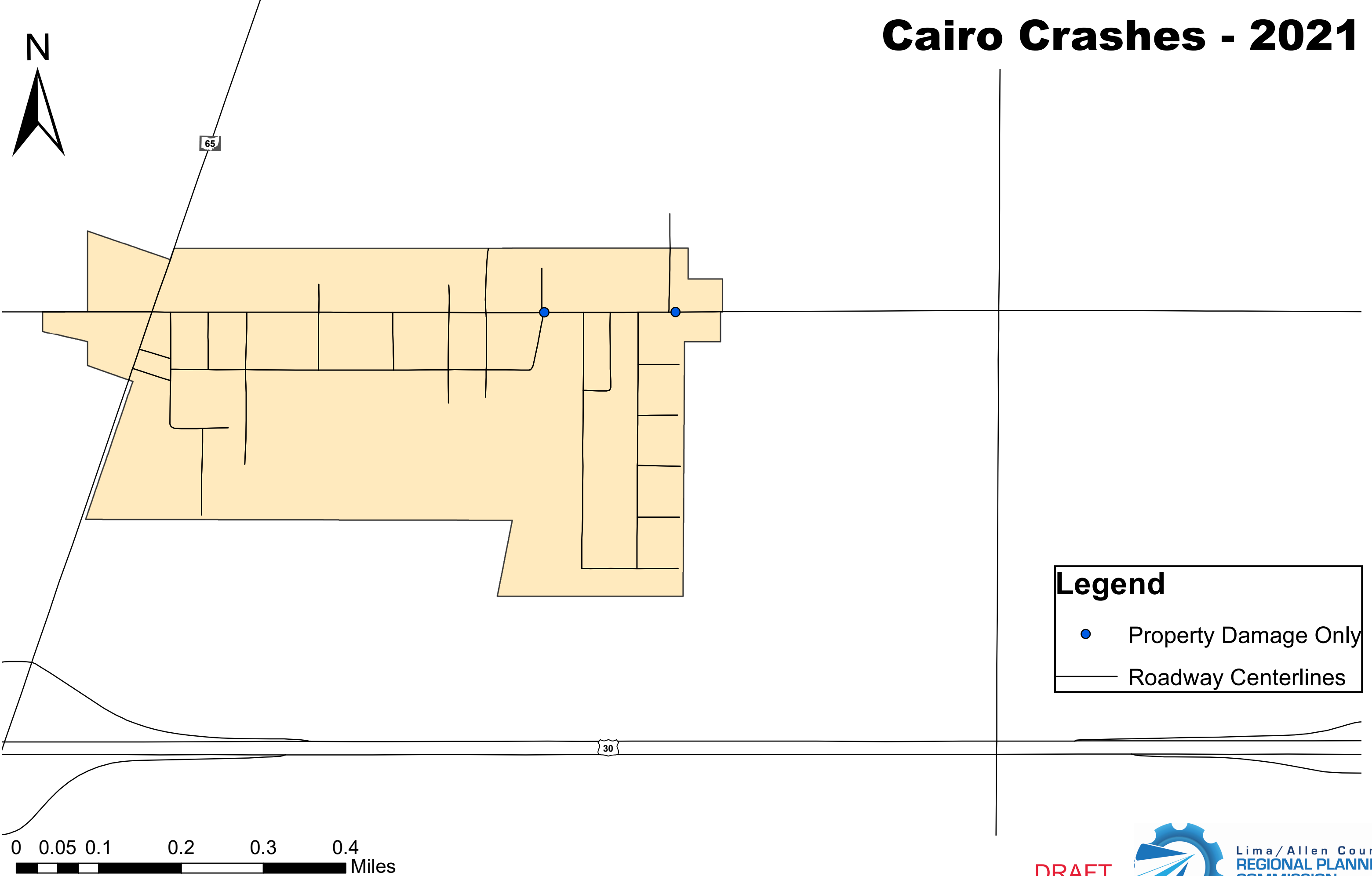
Property Damage Only

Roadway Centerlines

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# Cairo Crashes - 2021



**Legend**

Property Damage Only

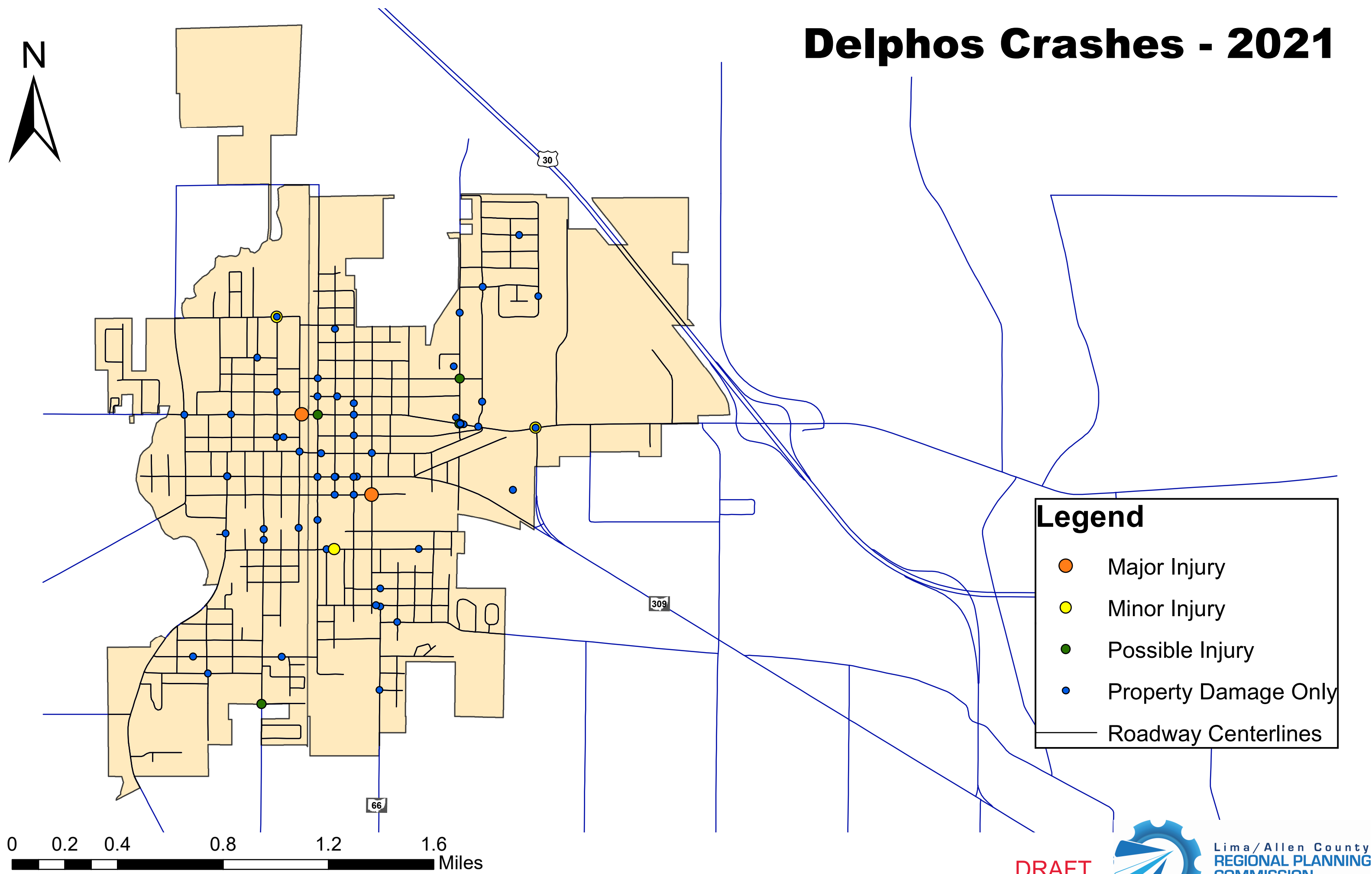
Roadway Centerlines

0 0.05 0.1 0.2 0.3 0.4 Miles

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# Delphos Crashes - 2021



**Legend**

Major Injury

Minor Injury

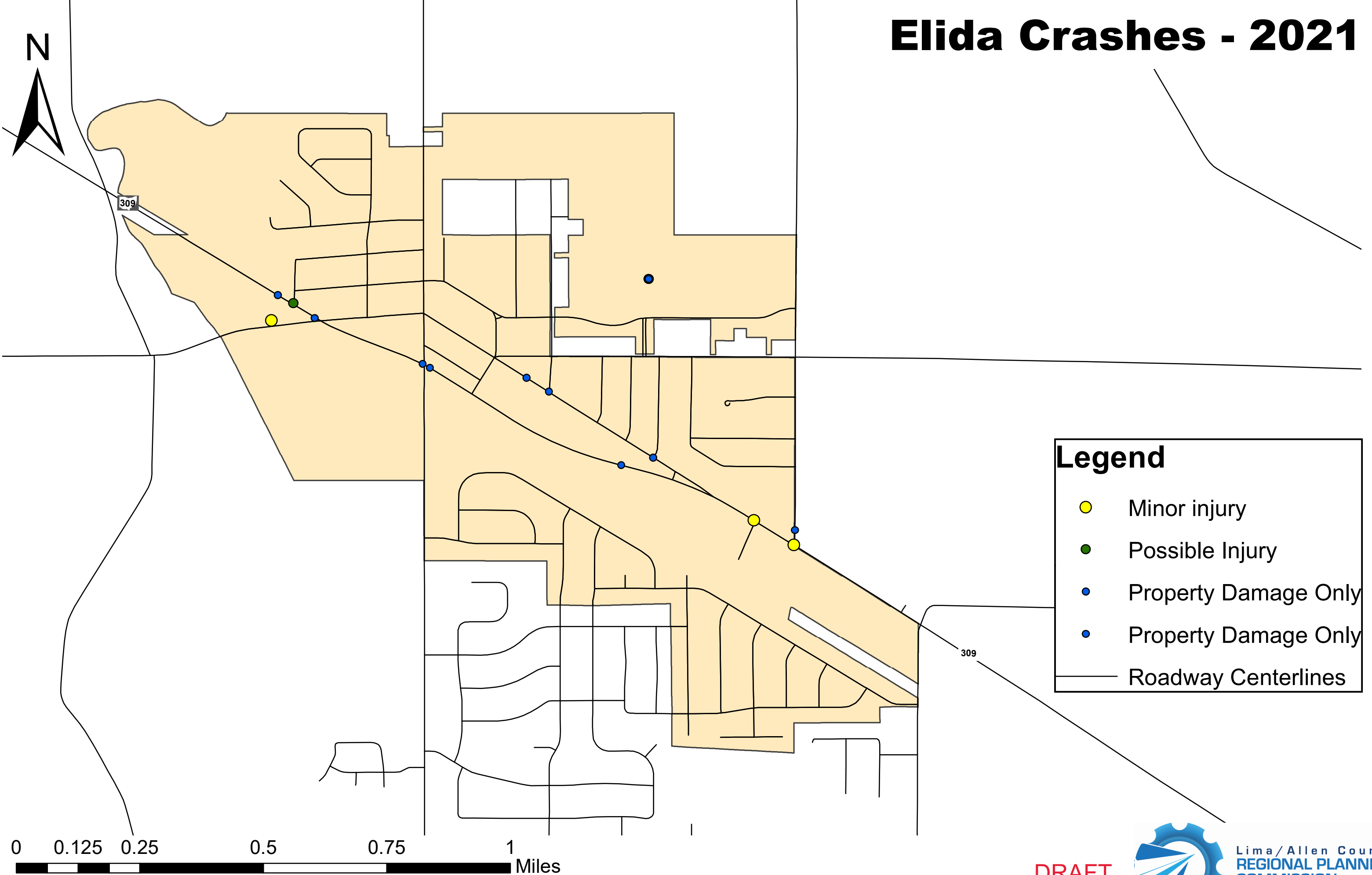
Possible Injury

Property Damage Only

Roadway Centerlines

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# Elida Crashes - 2021

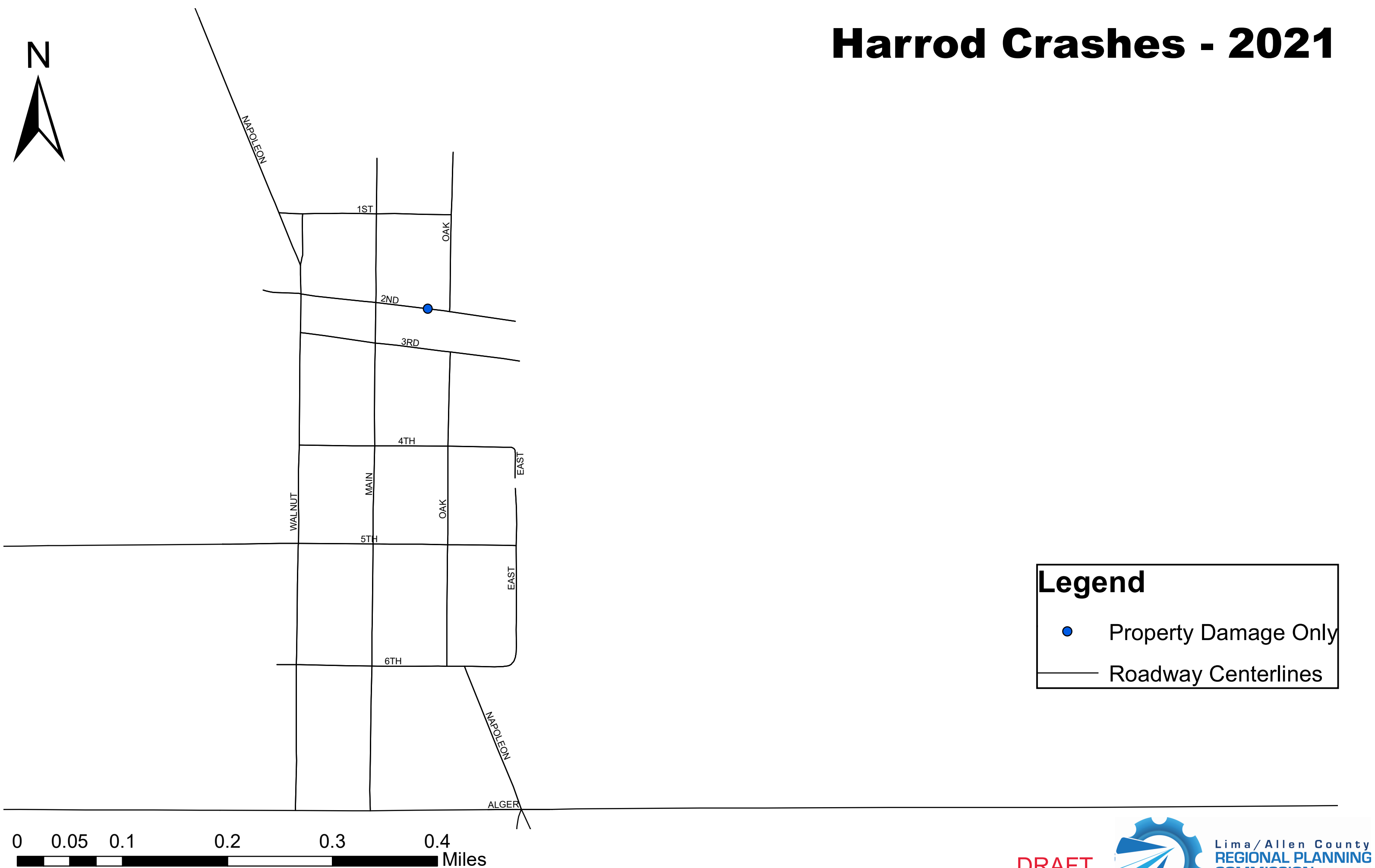


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# Harrod Crashes - 2021



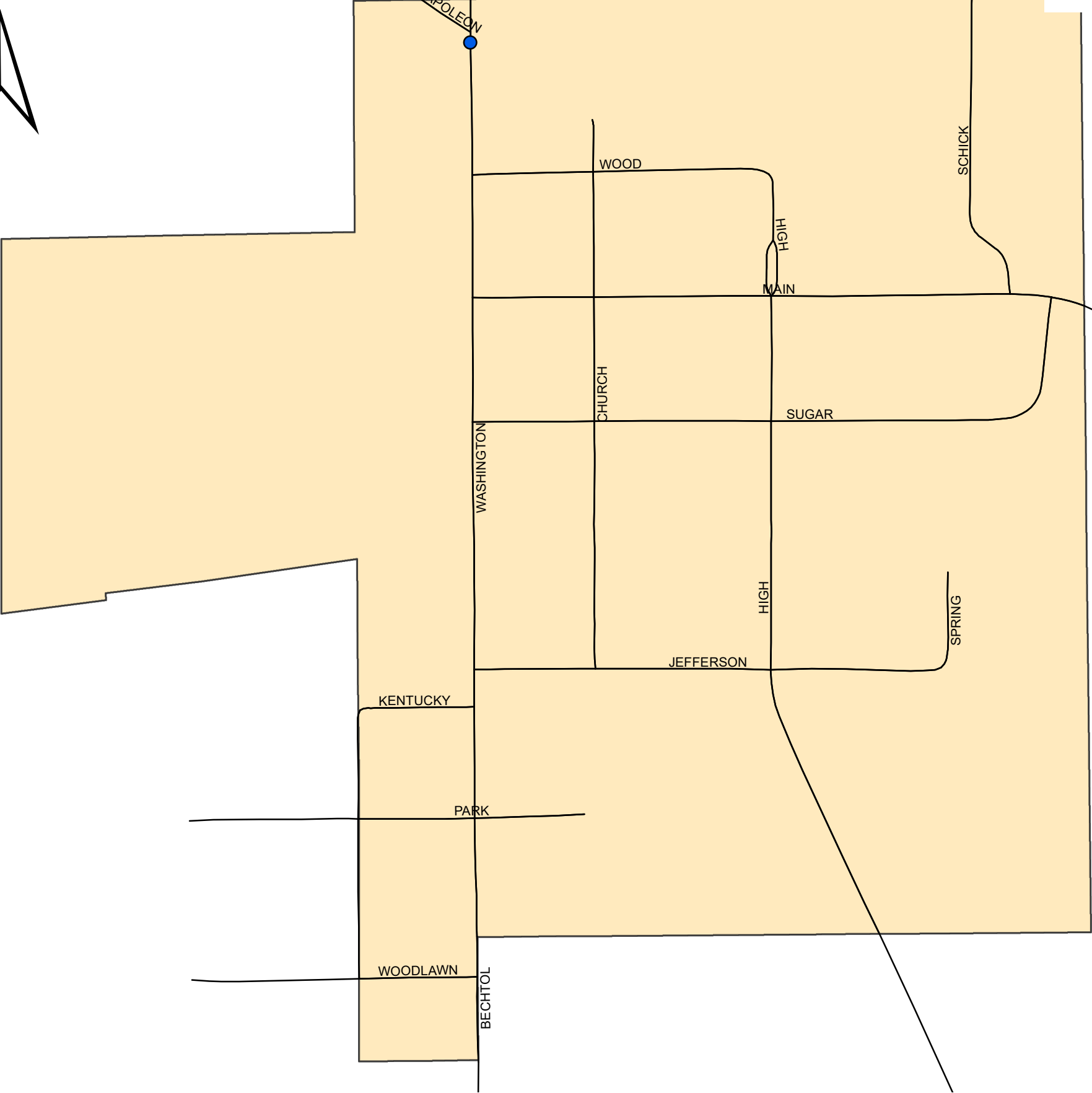
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**Jackson Township**

Map showing sampling locations for the 2009 NJ Statewide Water Quality Assessment in Jackson Township, New Jersey. The map includes a north arrow, a scale bar (0 to 5 miles), and labels for major roads (Interstate 75, Route 30, Route 81, Route 309). Sampling locations are marked with blue dots, yellow dots, and green dots. A white area in the center represents a water body.



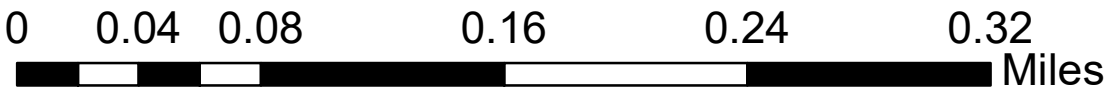
# Lafayette Crashes - 2021



**Legend**

Property Damage Only

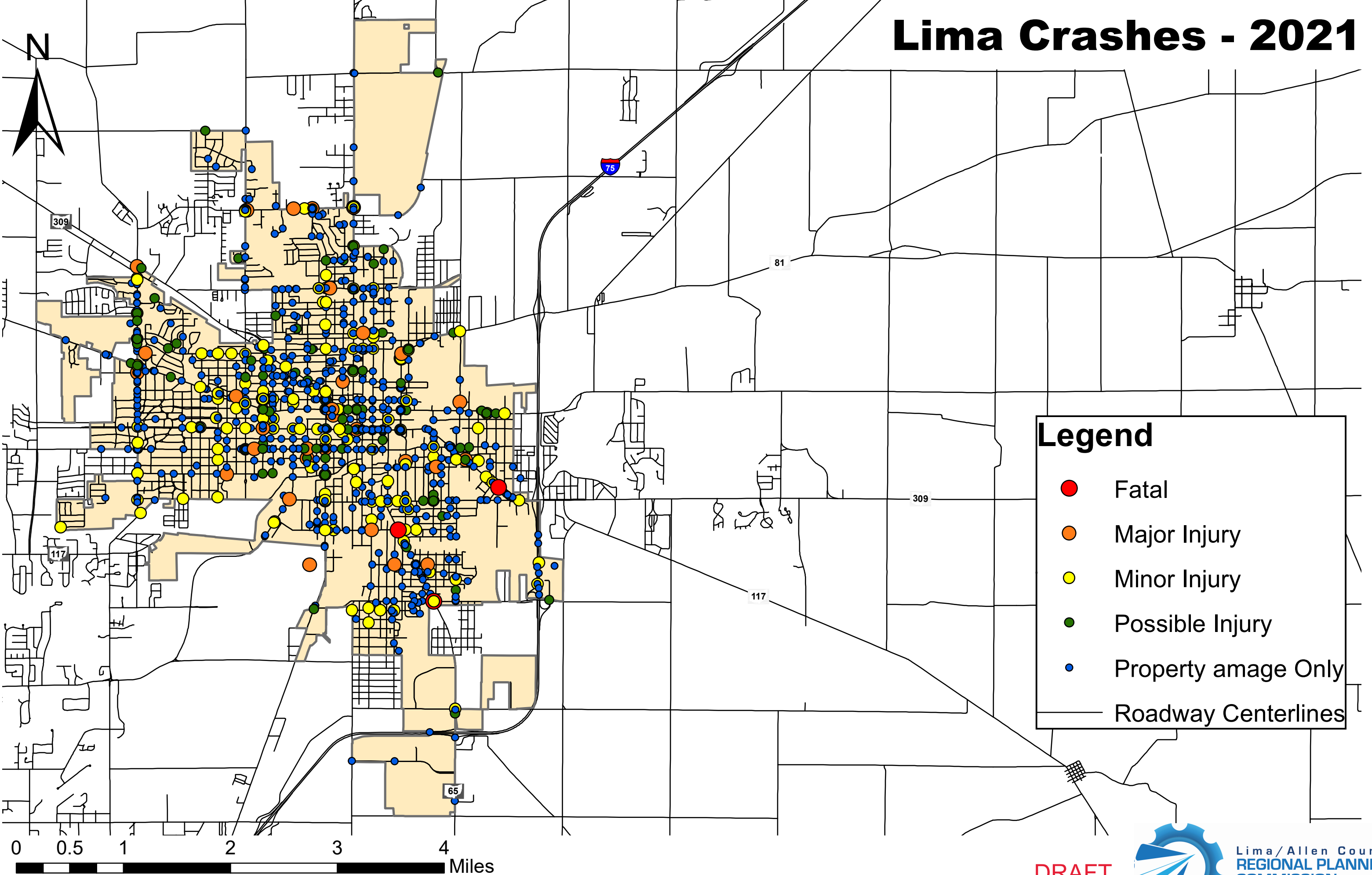
Roadway Centerlines



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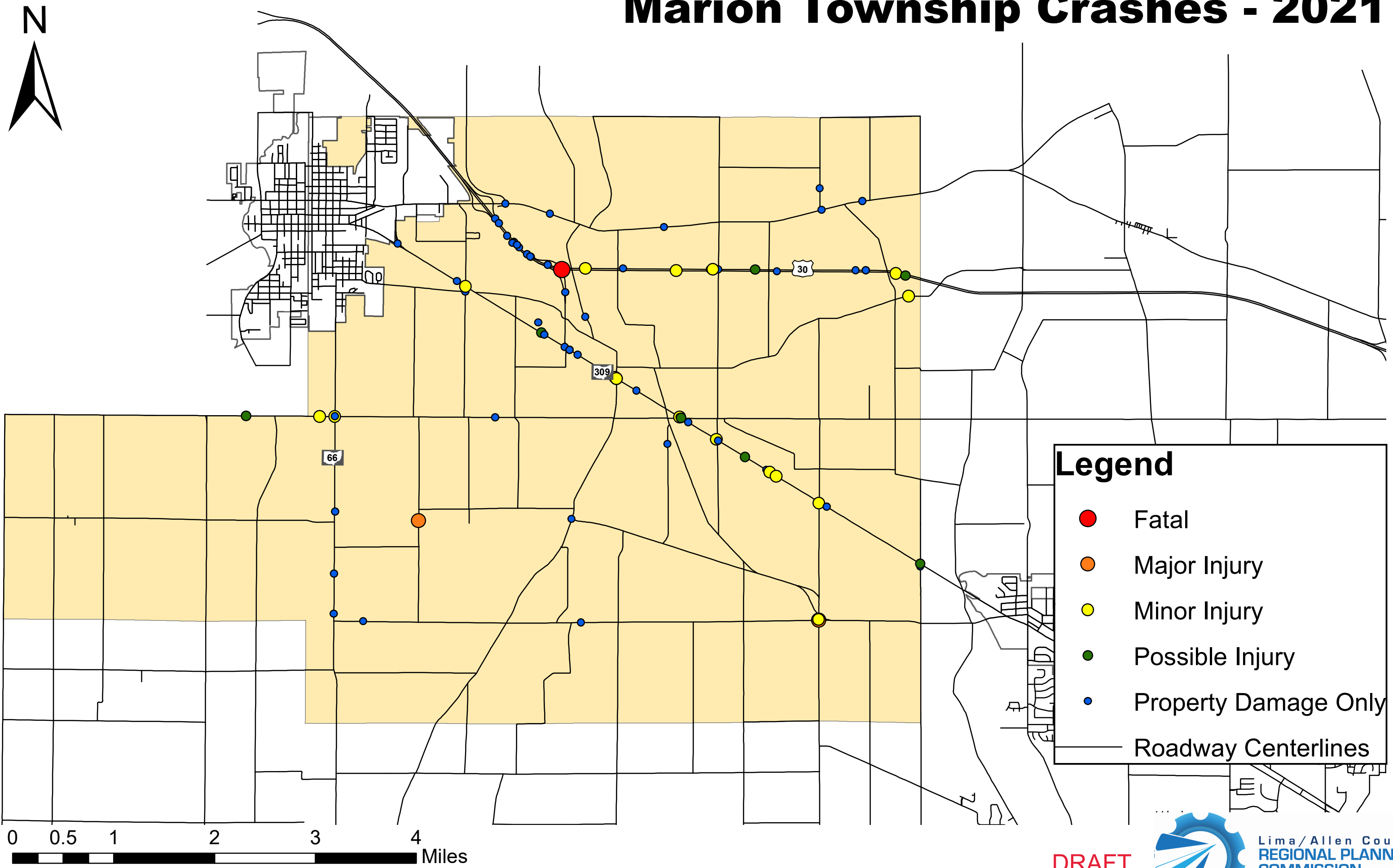


# Lima Crashes - 2021





# Marion Township Crashes - 2021

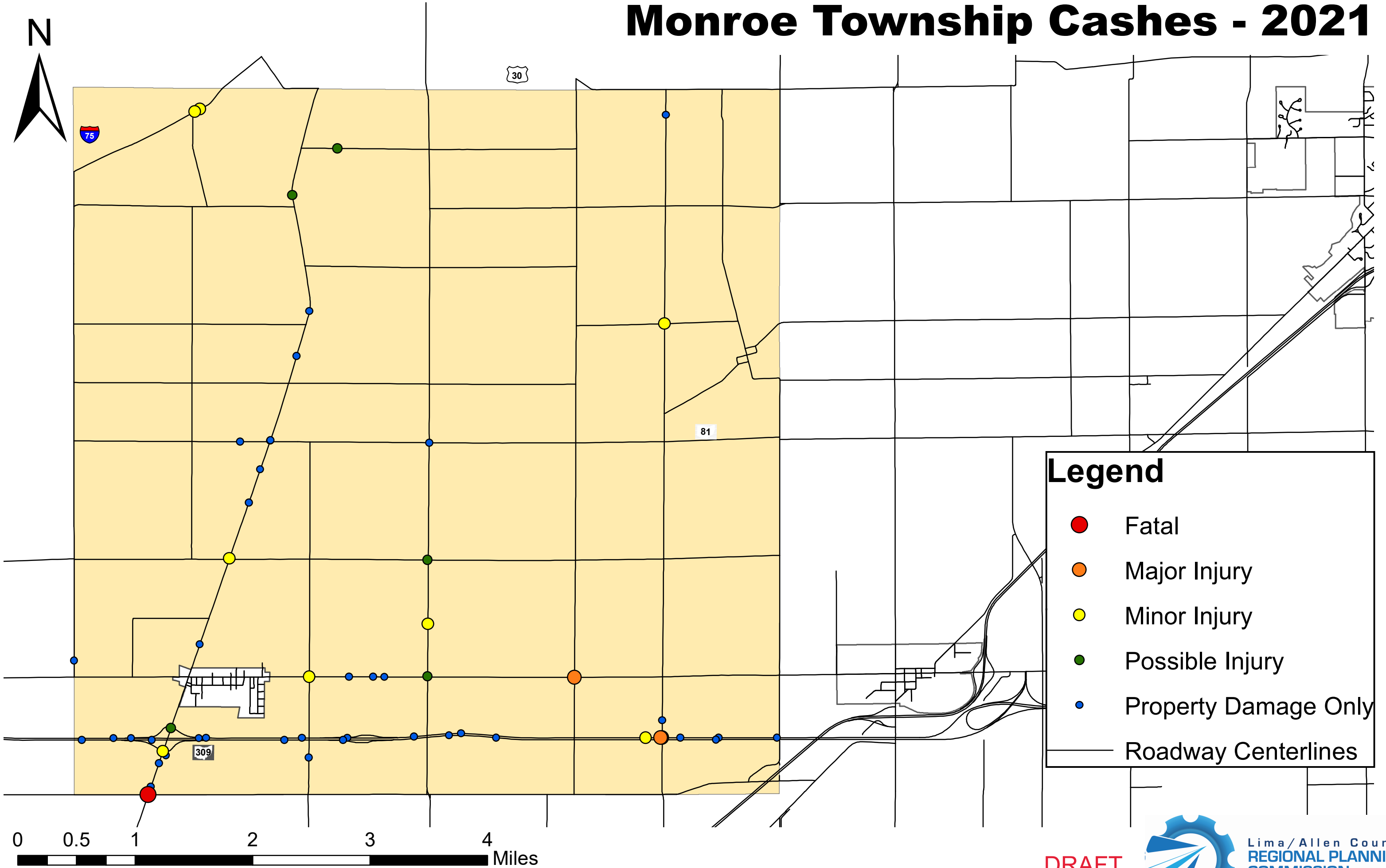


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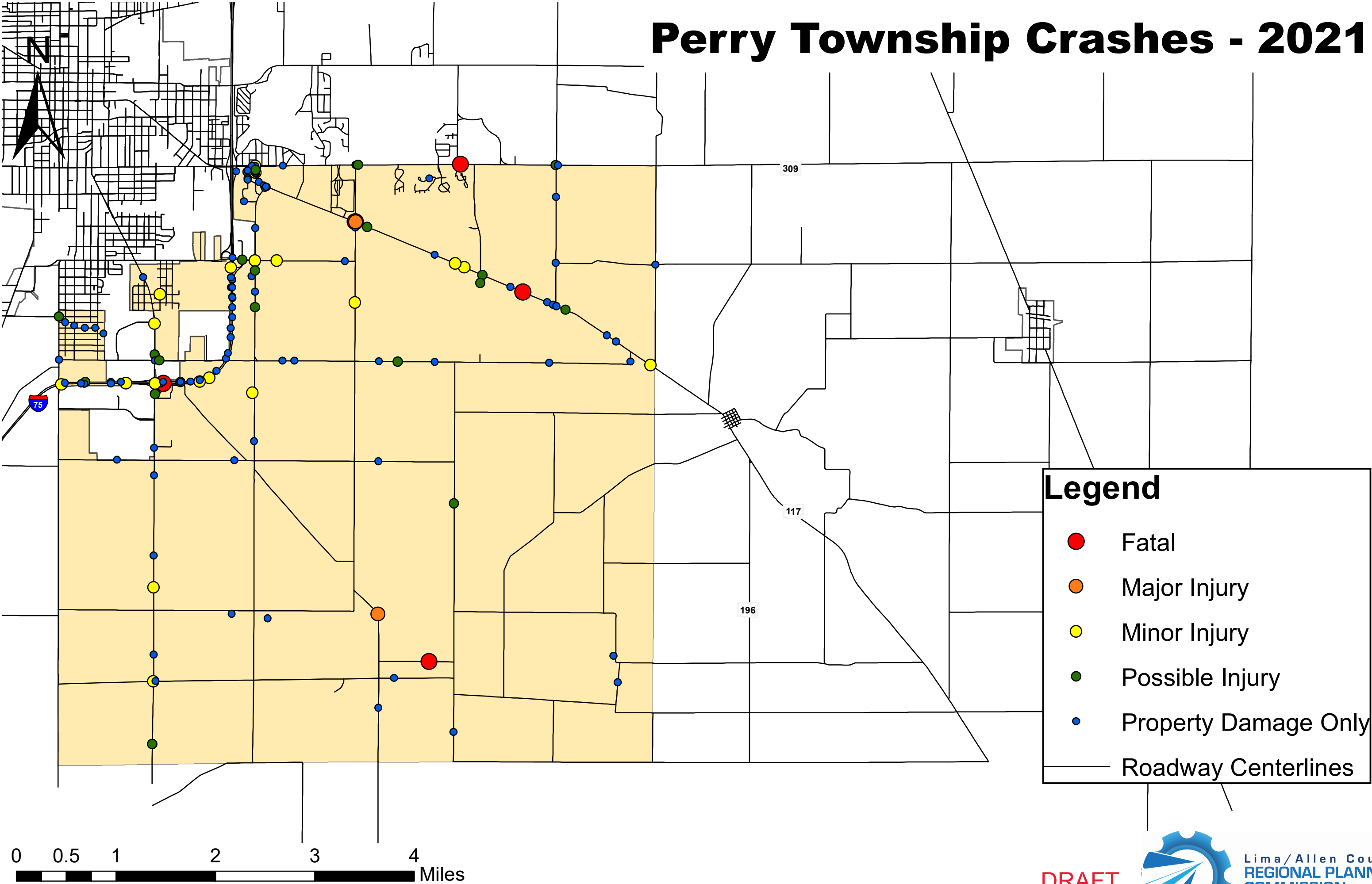


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# Monroe Township Cashes - 2021



# Perry Township Crashes - 2021

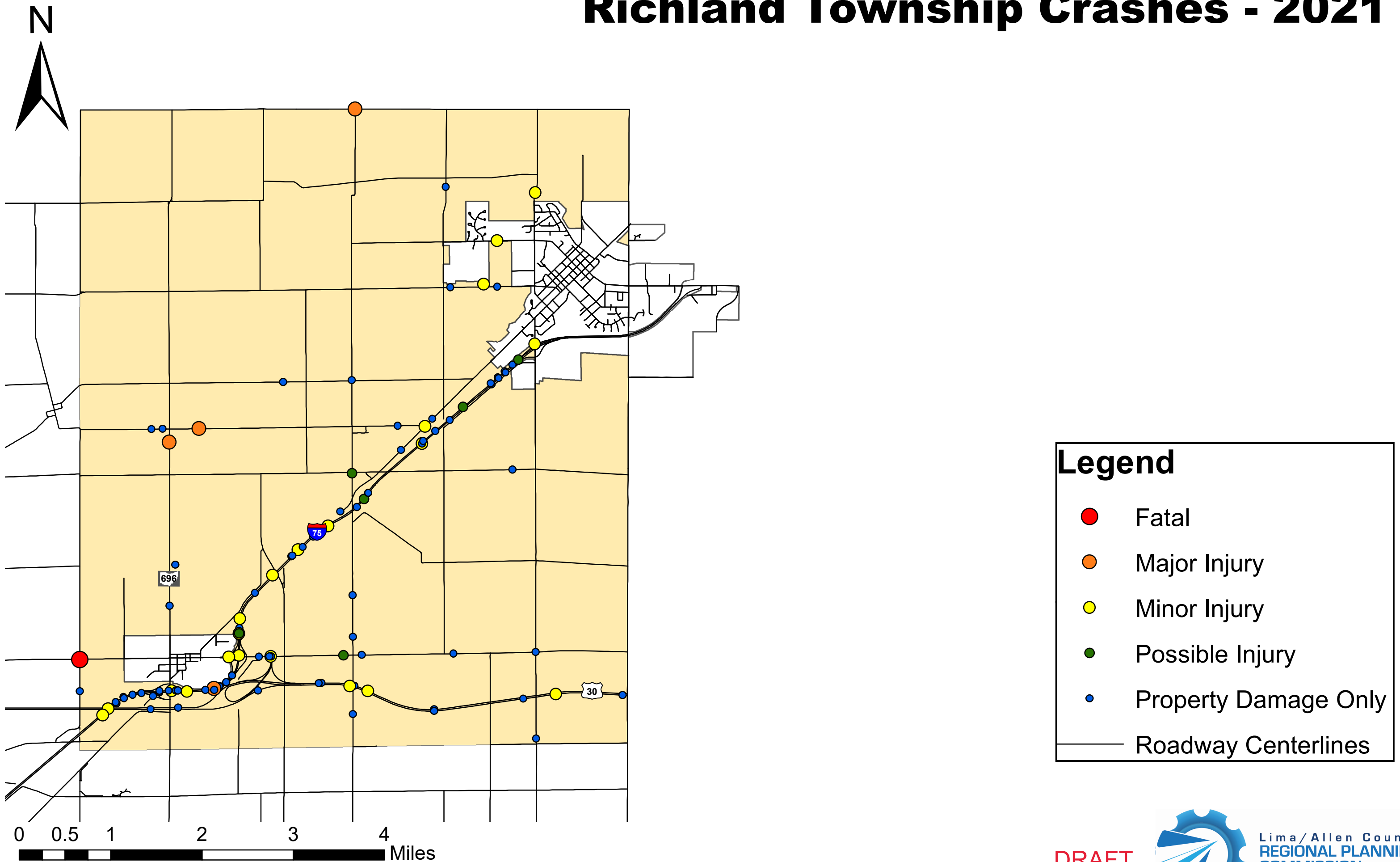


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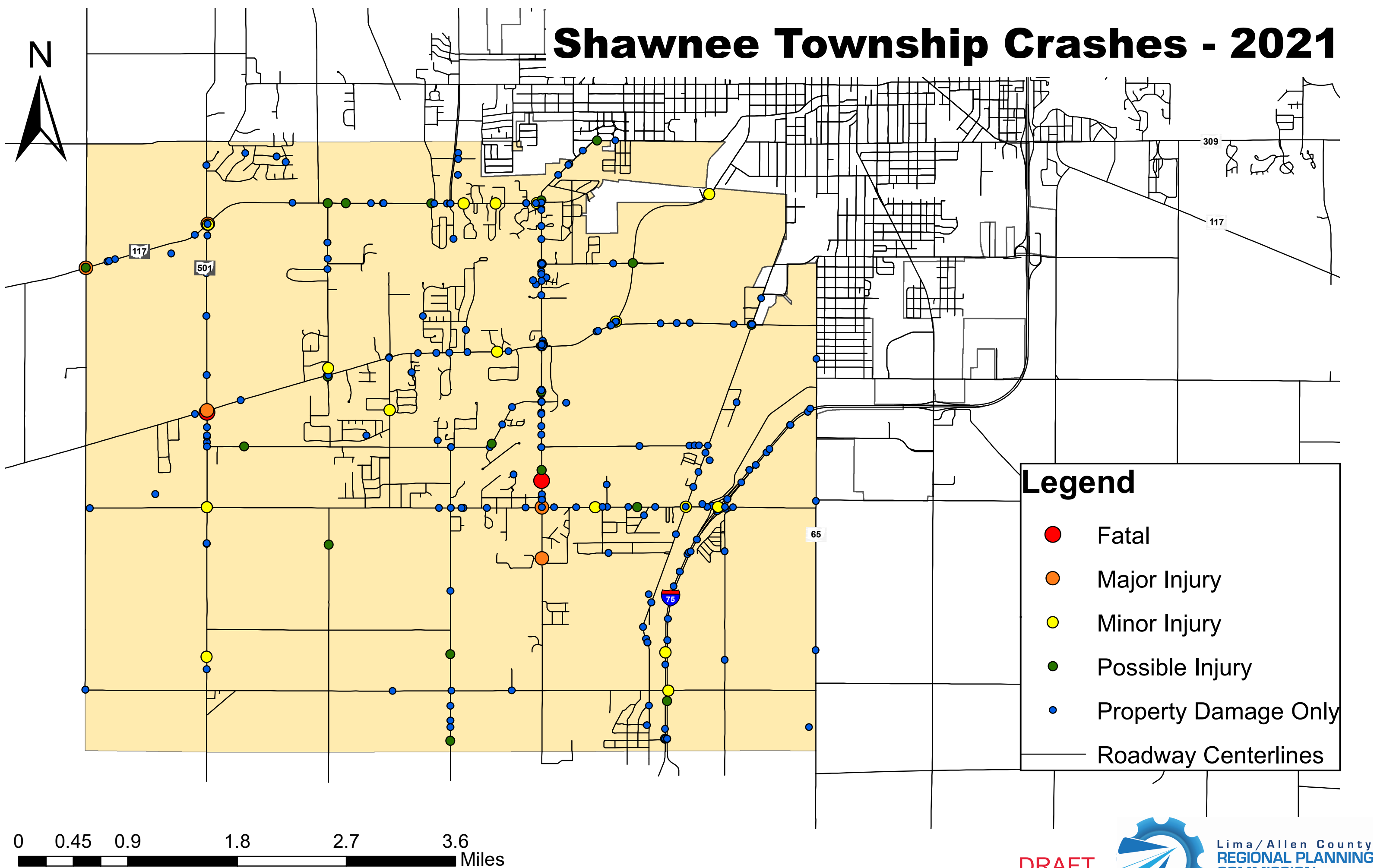


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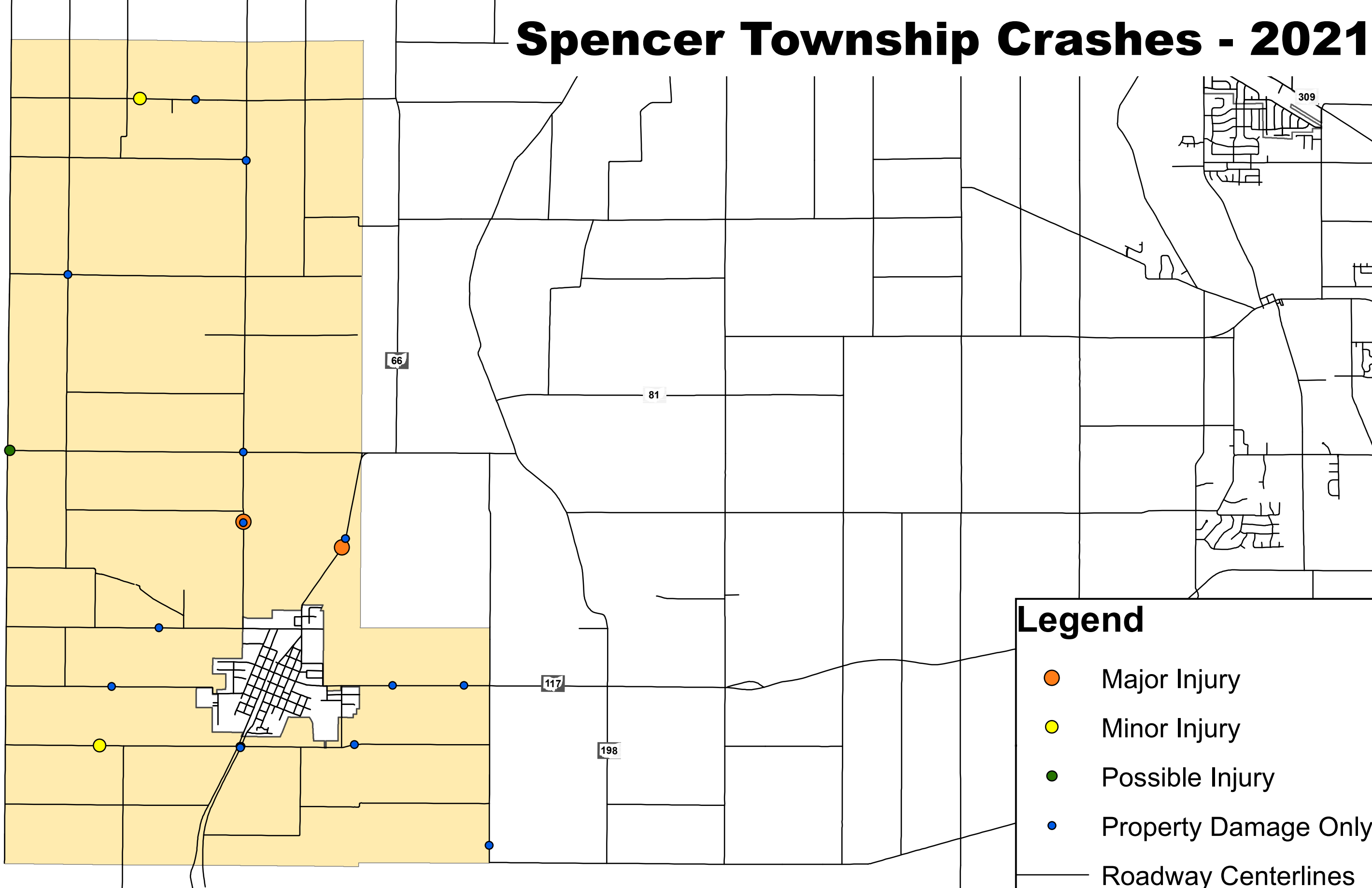
# Richland Township Crashes - 2021



# Shawnee Township Crashes - 2021



# Spencer Township Crashes - 2021



**Legend**

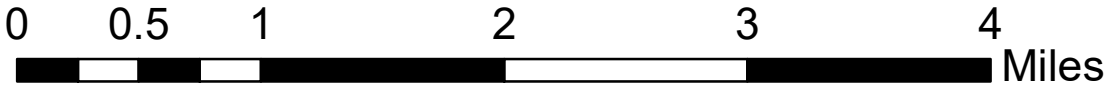
Major Injury

Minor Injury

Possible Injury

Property Damage Only

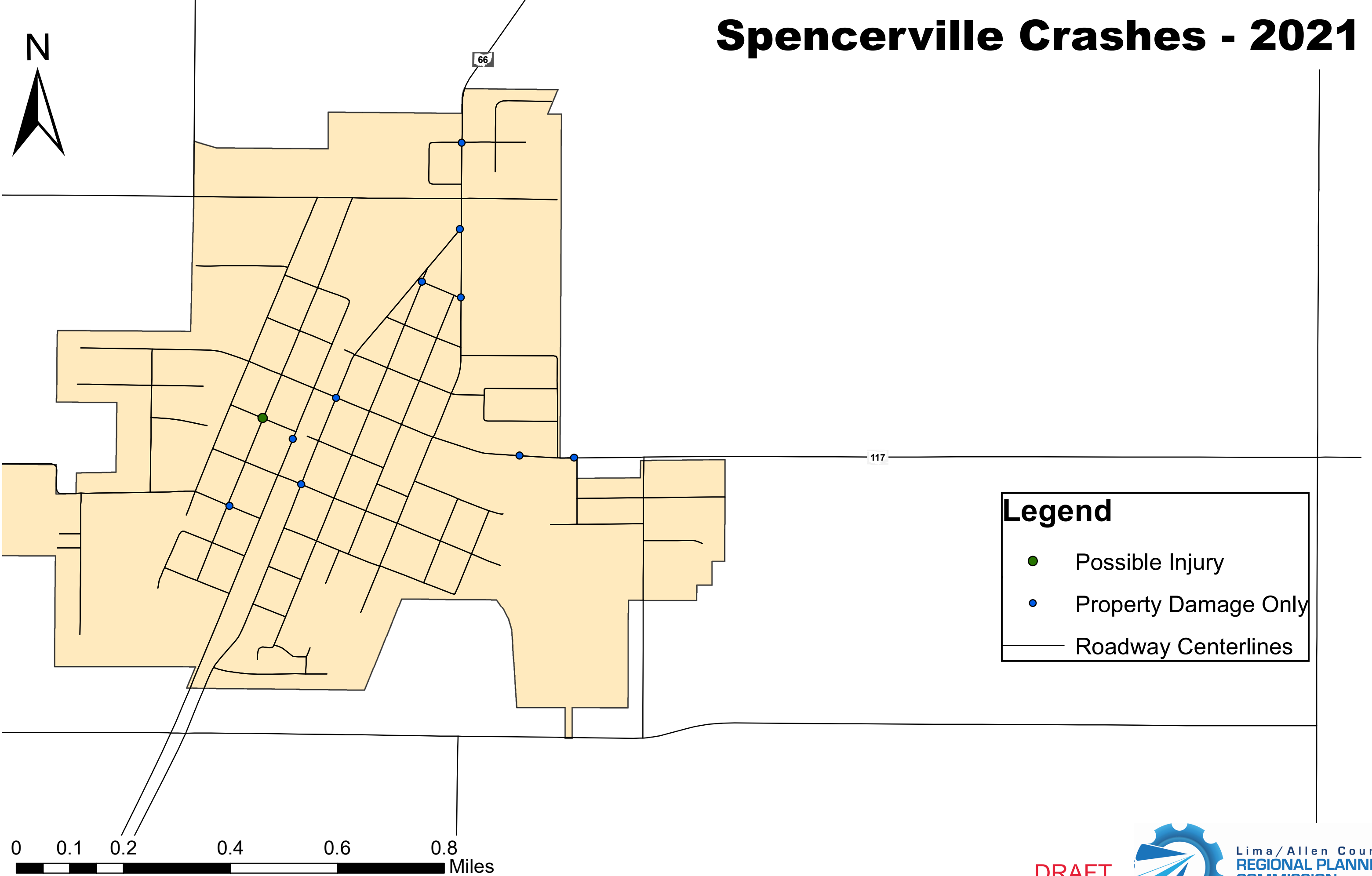
Roadway Centerlines



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# Spencerville Crashes - 2021

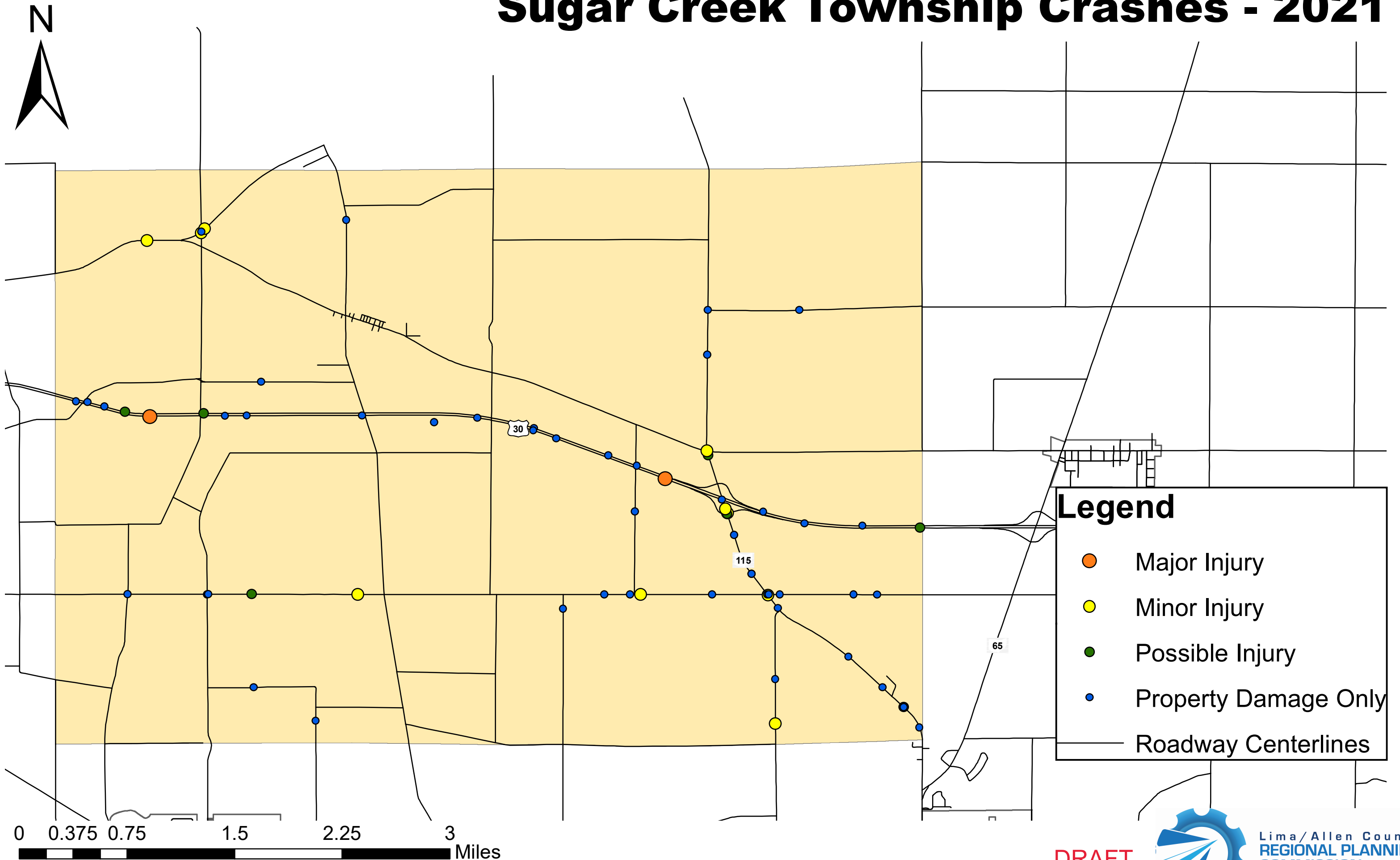


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# Sugar Creek Township Crashes - 2021







# Appendix A:

## 2021 Roadway Breakdown

# 2021 Crash Breakdown

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Allen County, Ohio

## Distracted Driving



**2021 Totals:**  
**6,895 People**  
**3,120 Crashes**  
**25 Fatalities**

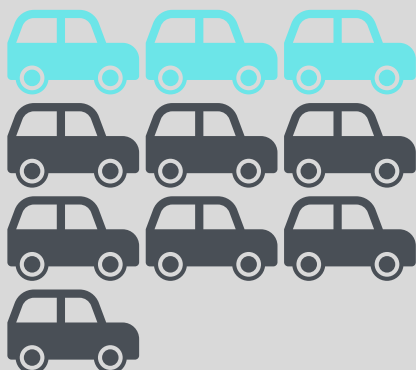
## Impaired Driving

- 154 Crashes Involve Alcohol/Drugs
- 8 Fatal Crashes and 70 Injury Crashes

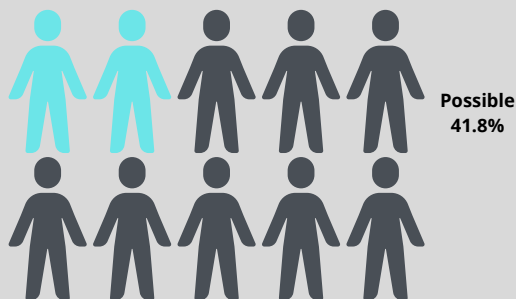


## Bike and Pedestrian Crashes

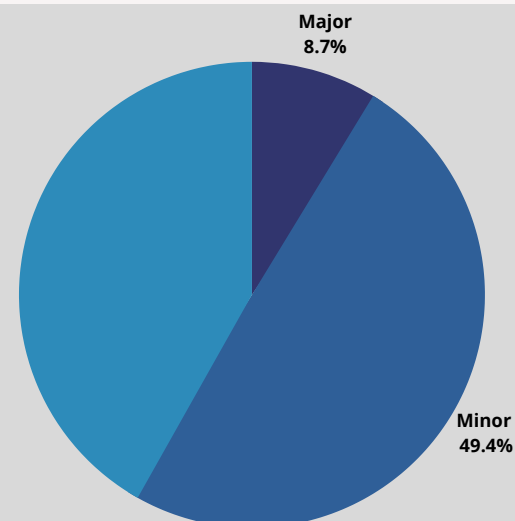
- 38 Crashes Involved Bikes, Pedestrians, or other non-motorized person
- 7 Fatal Crashes and 28 Injury Crashes



## Crash Severity



18.1% People Involved in Crashes were injured



Injury Crashes Breakdown

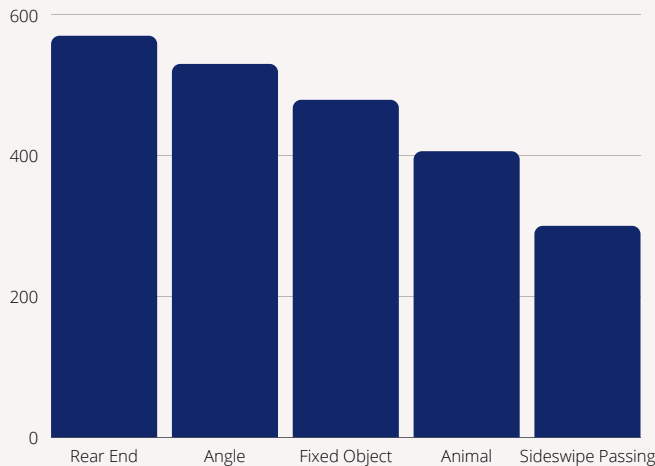
# 2021 Crash Breakdown

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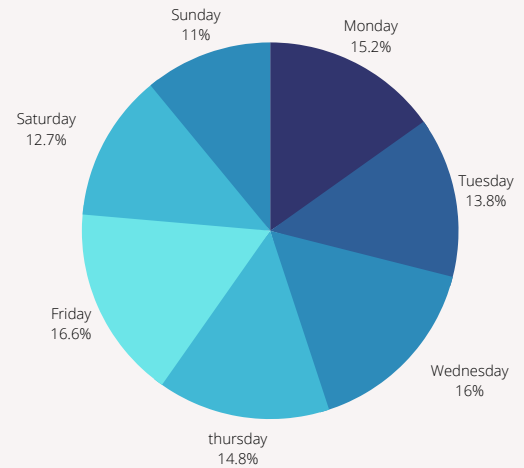


## Allen County, Ohio

### Top 5 Crash Type



### Crashes by Day in Week



### Highest Crash Categories

- Crash Month - November (11.6%)
- Hour of Day - 4:00P.M. (8.56%)
- Light Conditions - Day Light (62.60%)
- Weather Conditions - Clear (63.56%)

### Crashes by Vehicle Type

- Passenger Car - 1567
- SUV - 608
- Semi Tractor - 145
- Pick Up - 414
- Mini Van - 113

\*Only Listed Those Above 100

### Driver Age

- Male 16yr - 20 yr (13.08%)
- Male 21yr - 25yr (10.66%)
- Female 21yr - 25yr (14.59%)
- Female 26yr - 30yr (11.20%)

### Top 5 Crash Types



372 Speed Related  
Crashes