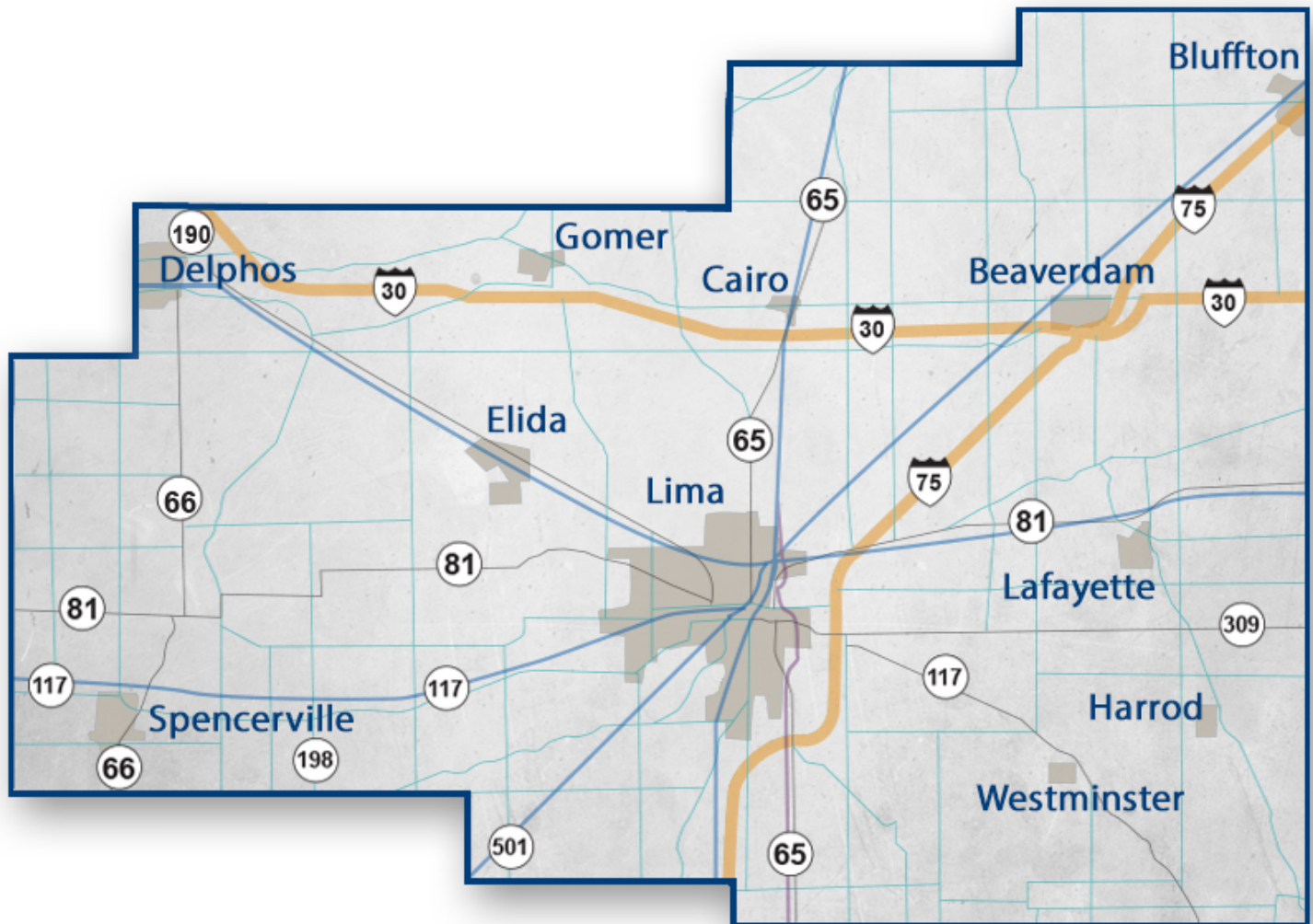


2022

DRAFT

Allen County Traffic Crash Summary Report



Lima/Allen County
REGIONAL PLANNING
COMMISSION



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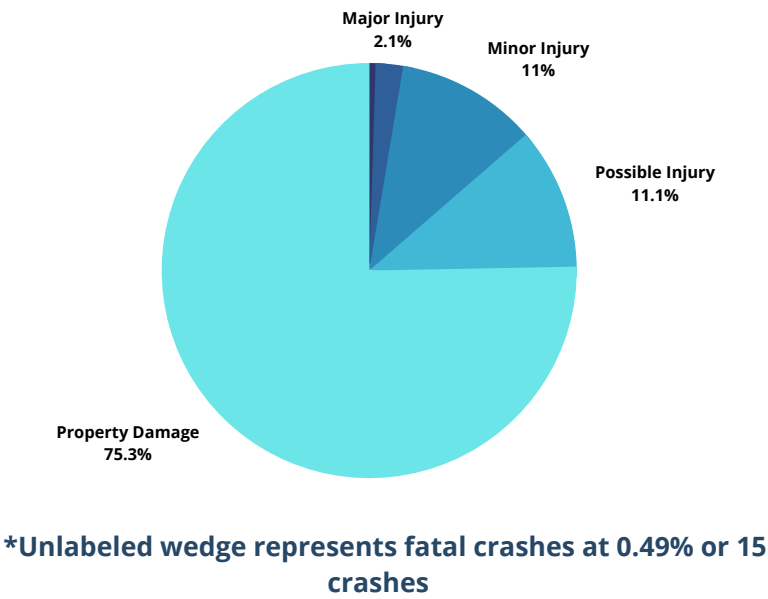
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Introduction

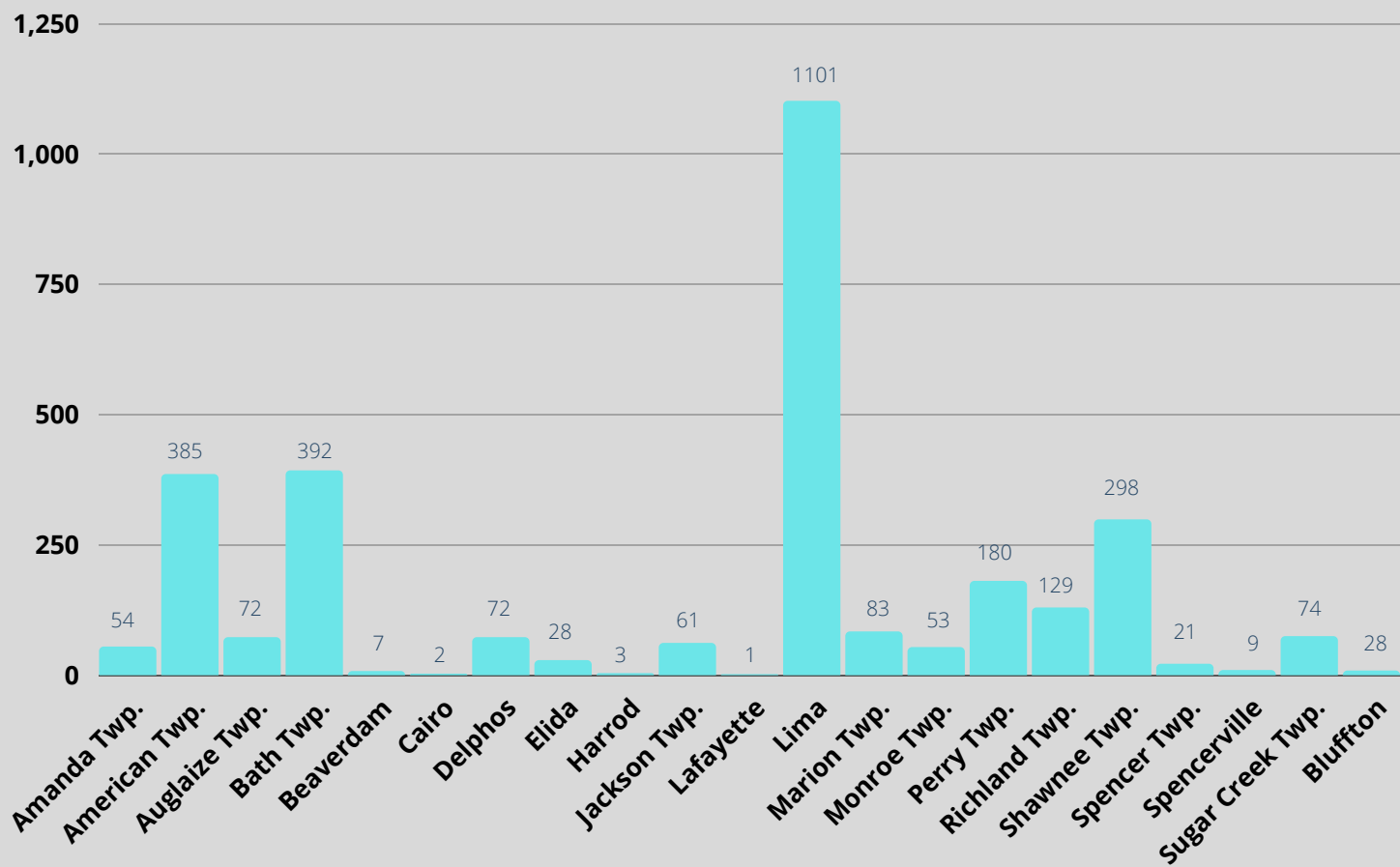
The Lima-Allen County Regional Planning Commission (LACRPC) is pleased to present the 2022 Traffic Crash Summary Report for Allen County, Ohio. This report reflects motor vehicle crashes for the calendar year 2022 and intends to provide the reader with a clear summary of the year's activity. In addition, 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). This report presents data across various topics, but if additional data is needed, please do not hesitate to contact LACRPC's office directly at (419) 228-1836.



2022 Crash Severity



Crashes by Political Subdivision



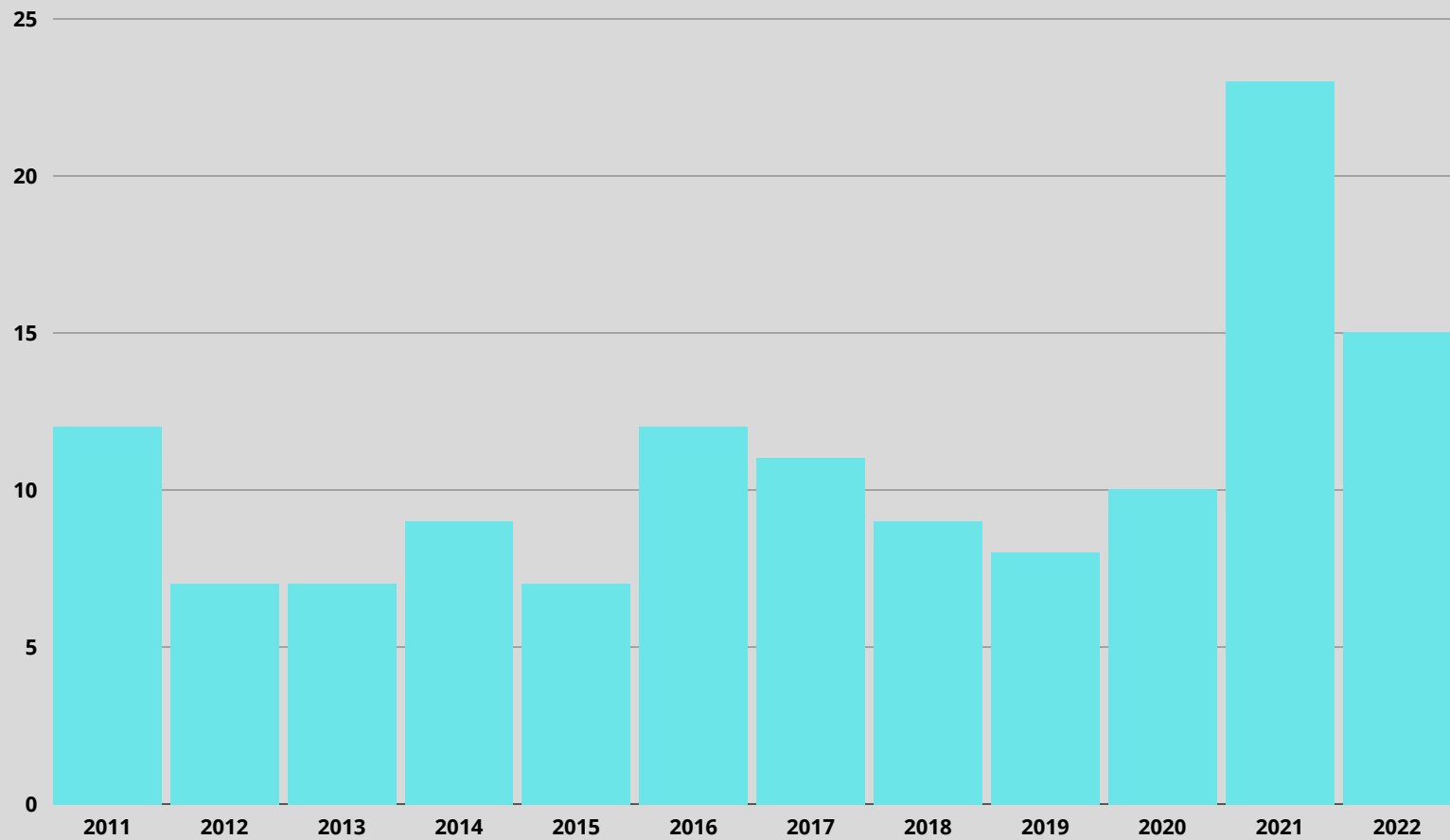
2022 Traffic Crash Overview

A total of 3,053 crashes occurred within LACRPC's planning area in 2022. All crashes provided within the Ohio Department of Transportation's (ODOT) GIS Crash Analysis Tool (GCATS) system were included in this report. There were 15 fatal crashes, 739 involving injuries of varying degrees, and 2,299 involving only property damage (see attached statistical sheets). Regarding personal costs, 15 individuals were killed and 1,071 injured in crashes in 2022.

Regarding the total number of traffic crashes, 2022 aligned very closely with the 5 year rolling average (3,053 vs. 3,069). LACRPC's planning area also saw a dramatic decline in fatal crashes as compared to 2021 (15 vs. 23), 34.8%. While from a historical perspective 15 is far more in line with the long term average of 11, the fatal crashes are still showing a rising trend over the past few years. Allen County has historically enjoyed a relatively low fatal crash rate, and while this year shows a significant correction from the spike in 2021, the consistent rising fatal crashes will need to be studied further.

Allen County also continues to battle impaired driving. In 2022, 4.6% of all crashes involved drugs or alcohol, while 4.7% were attributed to distracted driving. Additionally, there were 36 crashes involving pedestrians, bicyclists, or other non-motorized vehicles, two of which proved fatal.

Fatal Crashes Over Time





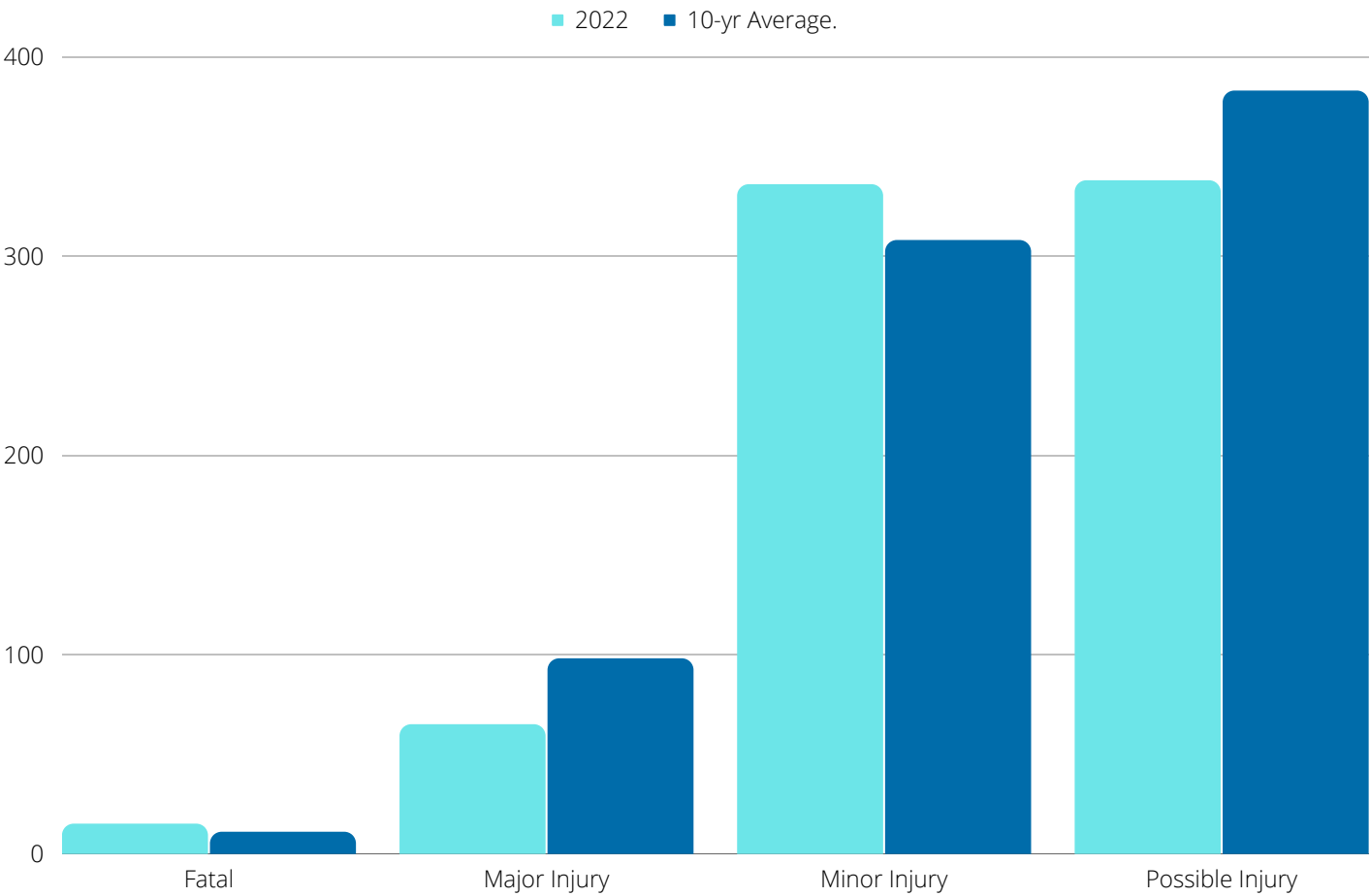
	Performance Measure Goal	Number Occurred
1	Total Fatalities - 12	15
2	Total Serious Injuries - 82	83
3	Fatal Rate - 0.92/100 MVM	1.15/100 MVM
4	Serious Injury Rate - 6.29/100 MVM	6.36/100 MVM
5	Ped/Non-Motorized Fatal/Serious Injuries - 9	11

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 2022, using a 5-year rolling average (2017-2021) 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.

2022 Crash Severity Vs. 10-Yr. Average

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*Not Pictured is Property Damage Only Crashes. 2022 total is 2299 crashes while the 10-yr rolling average is 2357 crashes.

Historical Crash Comparison

The City of Lima had the highest crash total with 1,101 crashes in 2022, followed by American Township with 385 crashes. However, the individual entity totals decreased from there. As is the case most years, the overwhelming majority of crashes occur during the day (60.43%) on dry roads (64.46%) between the hours of 2:00 P.M. and 5:00 P.M. The same applies to the crash month, the highest being November (10.4%). The lowest being August and April (7.1%).

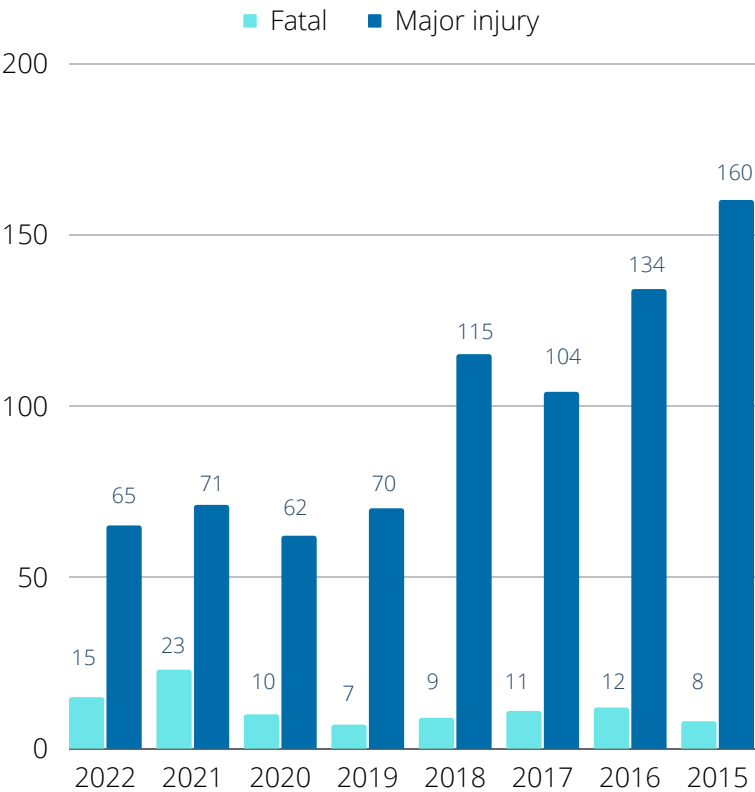
While the single-year crash totals were lower than in 2021, the data becomes much more average when comparing the 2022 totals to the 10-year rolling average. When using the broader lens of time, the 2022 totals are either lower or comparable to the 10-year rolling averages.

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, 2022 was essentially a success in regards to traffic safety improvements, total accidents are below the 10-year average (3,158 and 3,053, respectively). This trend remains consistent relative to the Equivalent Property Damage Only Index (EDPO), a metric measuring the severity of traffic crashes (2.95 vs. 3.22). Considering those facts, we can confidently say that 2022 had fewer traffic crashes and fewer severe incidents than usual.

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Crashes Over Time



- Crashes up 2.1% from 2021
- 2022 total actually lower than the 10 year rolling average (3053 vs. 3158)
- Fatal crashes down 34.8% from 2021

To reiterate, while it can be observed that a significant drop in fatalities has occurred within the last calendar year, the fatal crashes are still trending upwards as compared to the long term rolling average. These stats hold true of Ohio as a whole as well. While this agency cannot offer a concrete explanation as to why fatal crashes are experiencing an increase it can be observed that Allen county is on track for less fatal incidences this year, as of the writing of this report (August 2023). This agency is hopeful this marks a return to the long term falling trend line that had become the norm for so many years. Lastly, there is some continuing internal debate on what constitutes a traffic fatality. This agency defers to ODOT for the sake of consistency.

*High Crash Intersections

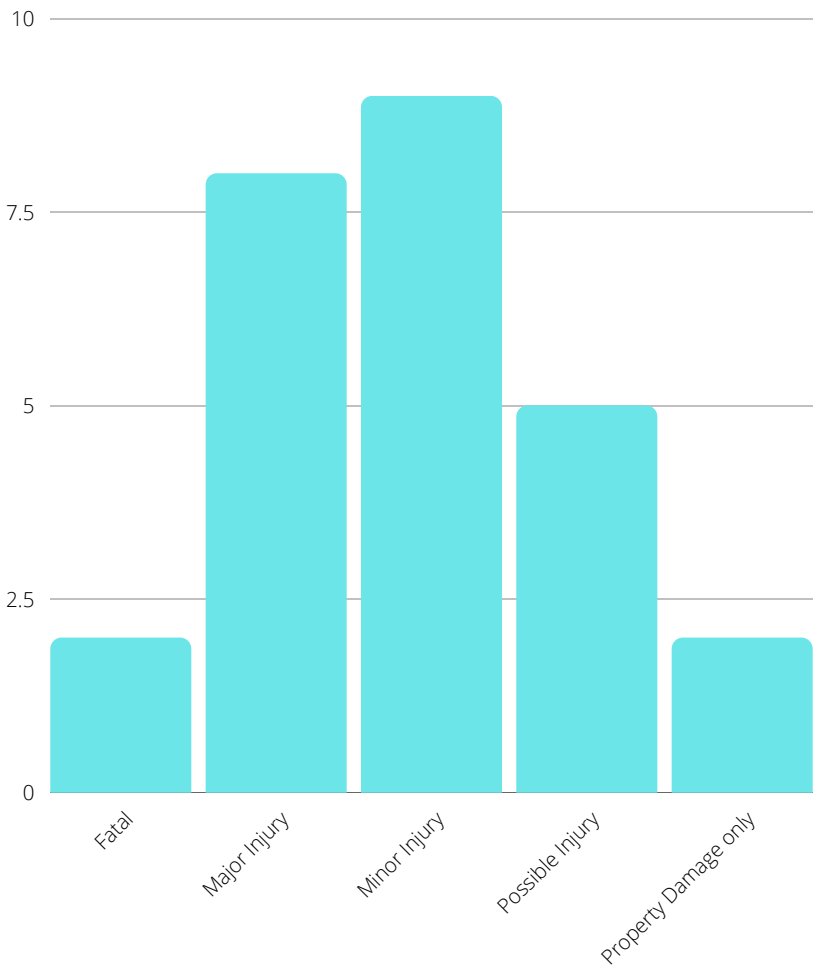


- Allentown and Cable
- Ft. Amanda and Shawnee
- Cable and Elida
- Jameson and Market
- Metcalf and North
- **"5 Points"
- Eastown and Elida
- Cable and Latham
- Jameson and Wayne
- Main and Market
- Jameson and North
- Allentown and Eastown
- Eastown and Elm

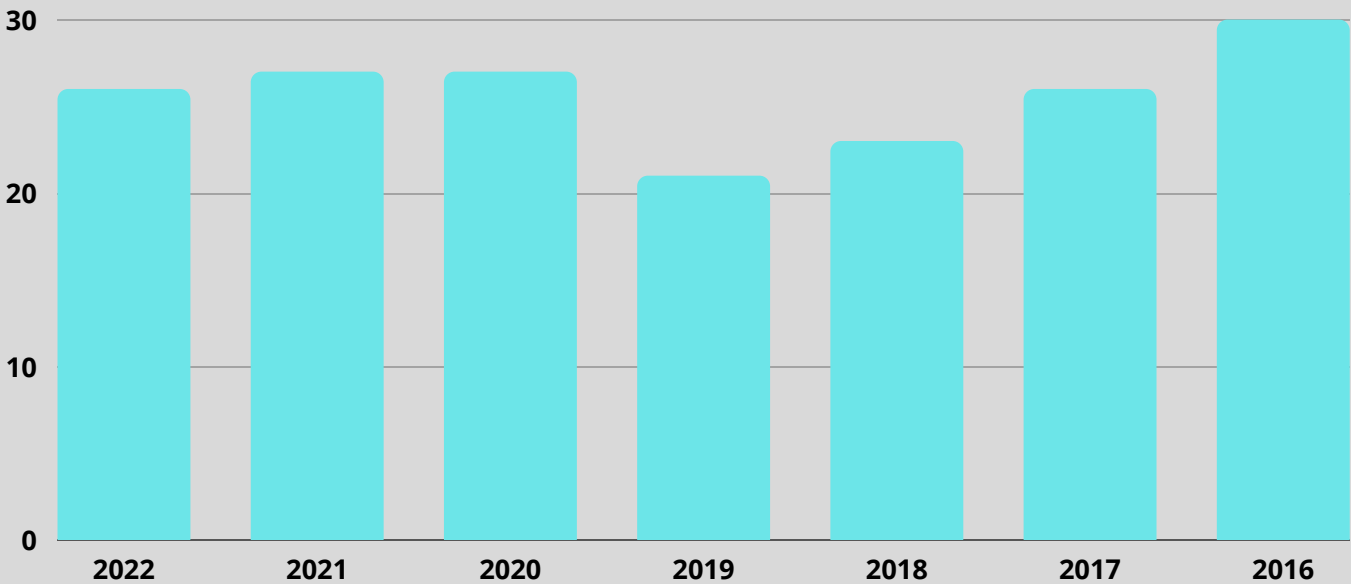
*Based on a last 3 years of data.
**"5 points" refers to the area where Leonard Ave., Harding highway, Bellefontaine Ave., Kibby St., and I-75 meet.

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2022 Pedestrian Crash Severity



Pedestrian Crashes Over Time

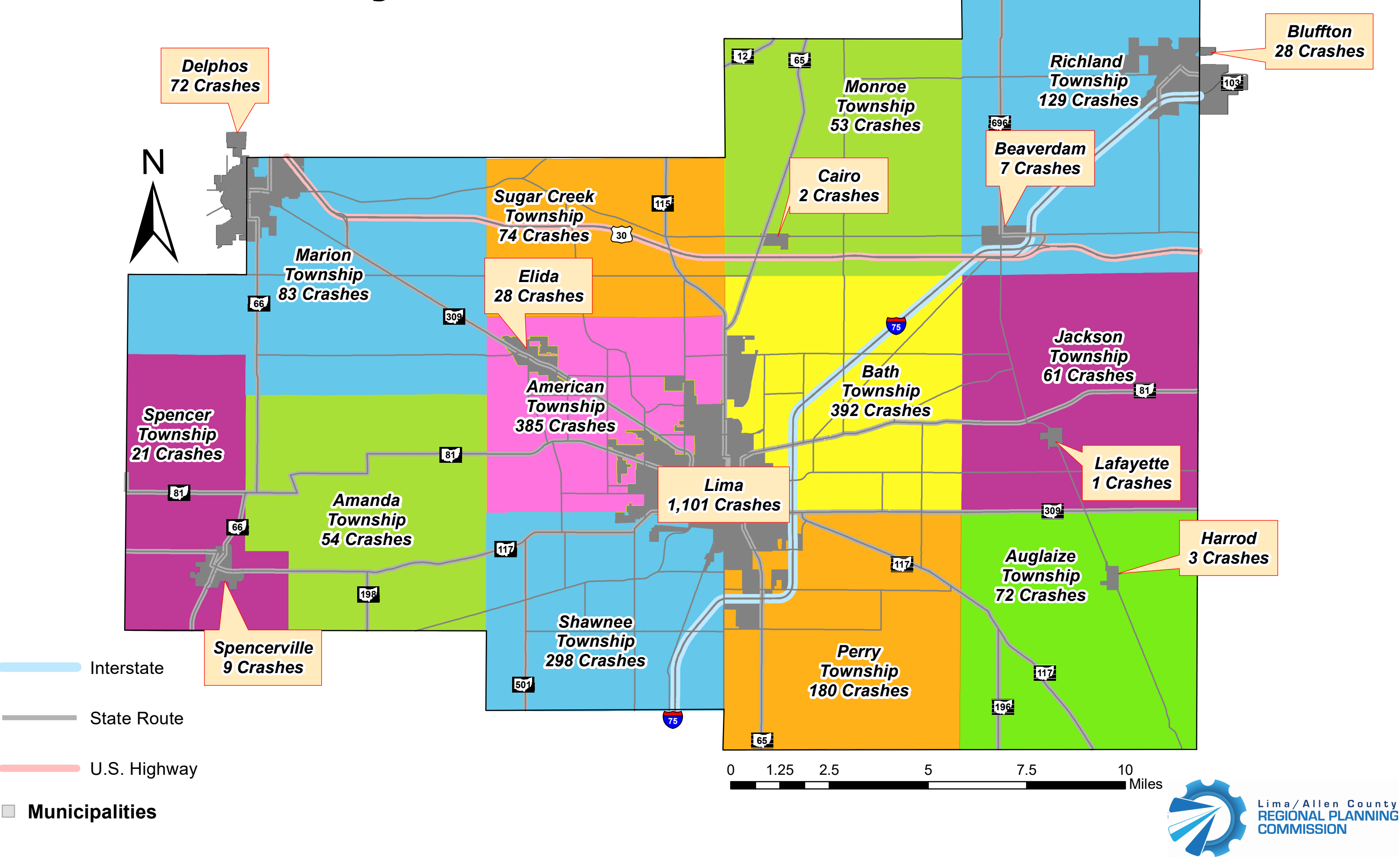


2022 Crash Maps

2022 Crashes by Political Subdivision	I
2020-2022 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

2022 Crashes by Political Subdivision

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2020-2022 High Crash Intersections

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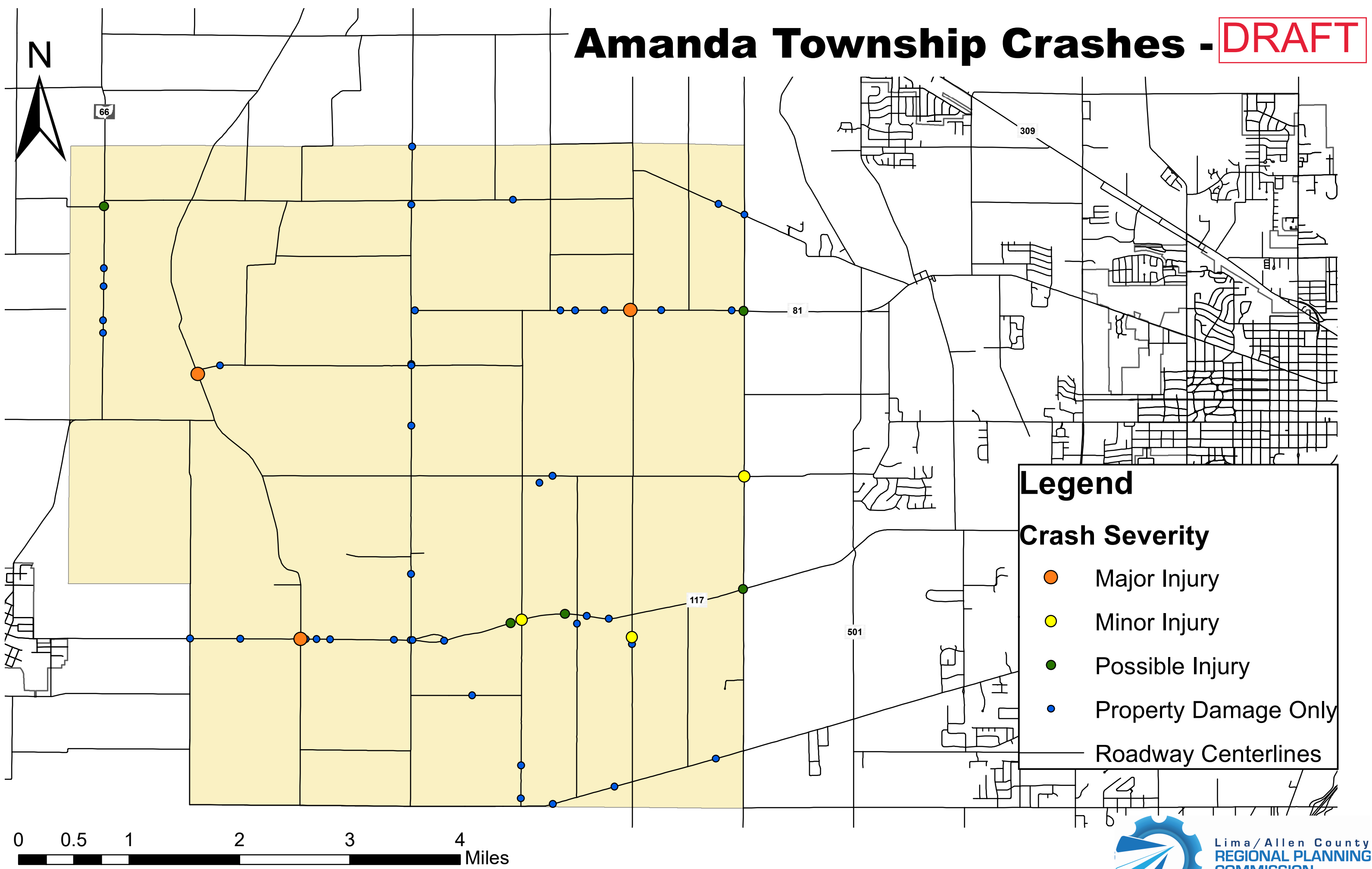


★ High Crash Intersections 2022

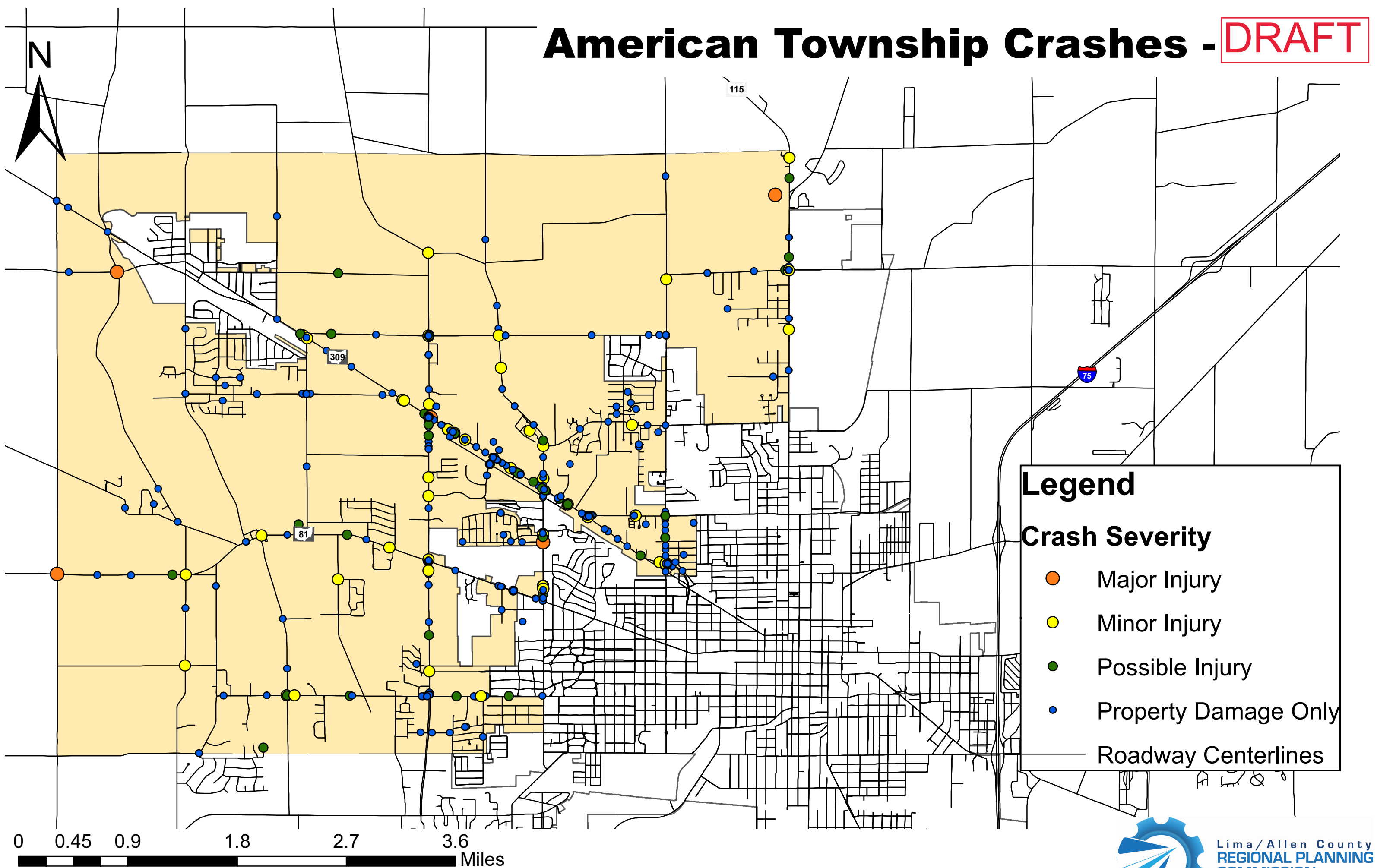
High Crash Intersections 2020-2022

Rank	Intersection	Crash Count
1	Allentown and Cable	78
2	Ft. Amanda and Shawnee	51
3	Cable and Elida	50
4	Jameson and Market	45
5	Metcalf and North	41
6/7	"Five Points"	39
6/7	Eastown and Elida	39
8	Cable and Latham	37
9/10	Jameson and Wayne	36
9/10	Main and Market	36
11	Jameson and North	31
12	Eastown and Allentown	24
13	Eastown and Elm	23

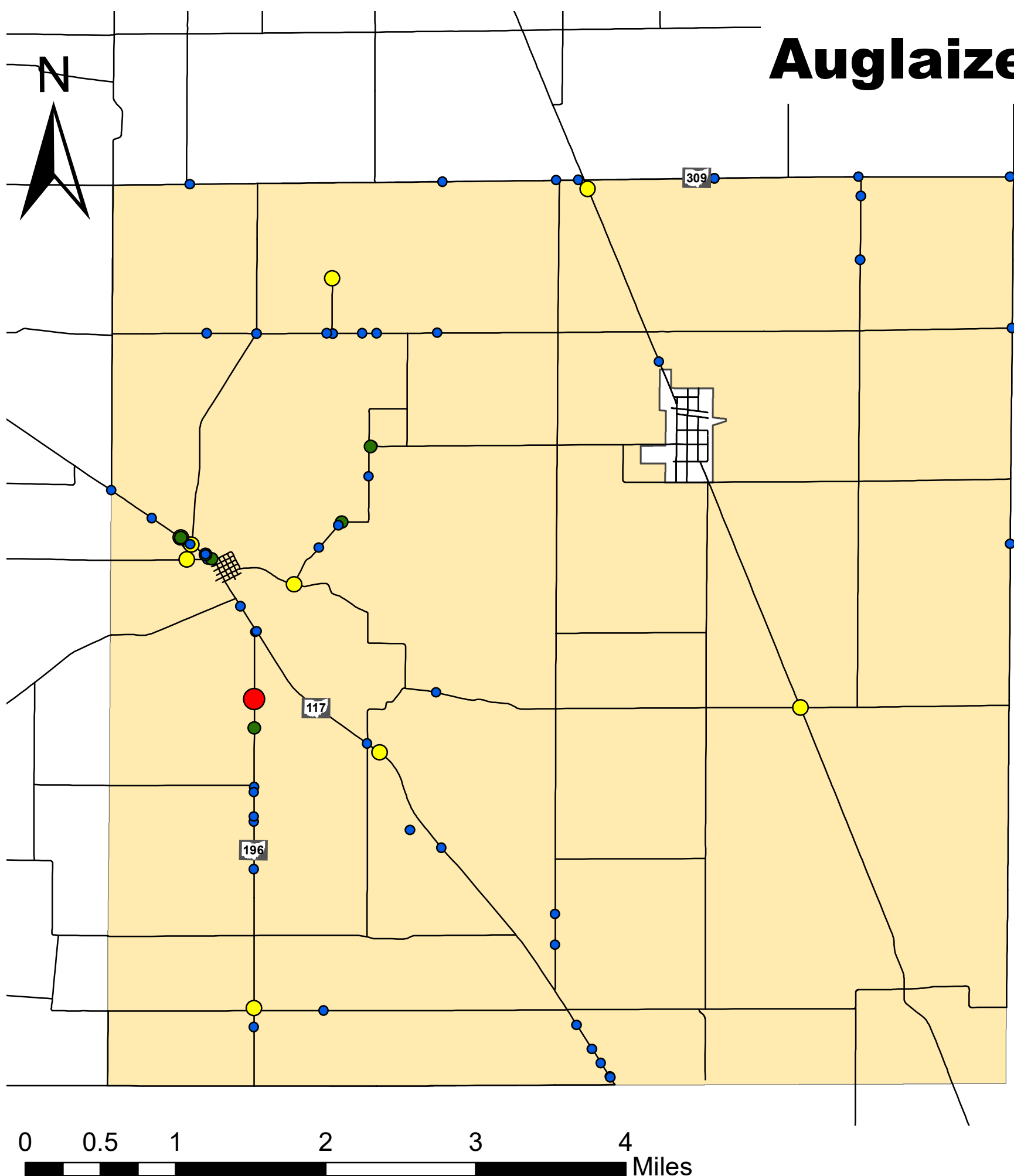
Amanda Township Crashes - DRAFT



American Township Crashes - **DRAFT**



Auglaize Township Crashes - DRAFT



Legend

Crash Severity

Fatal

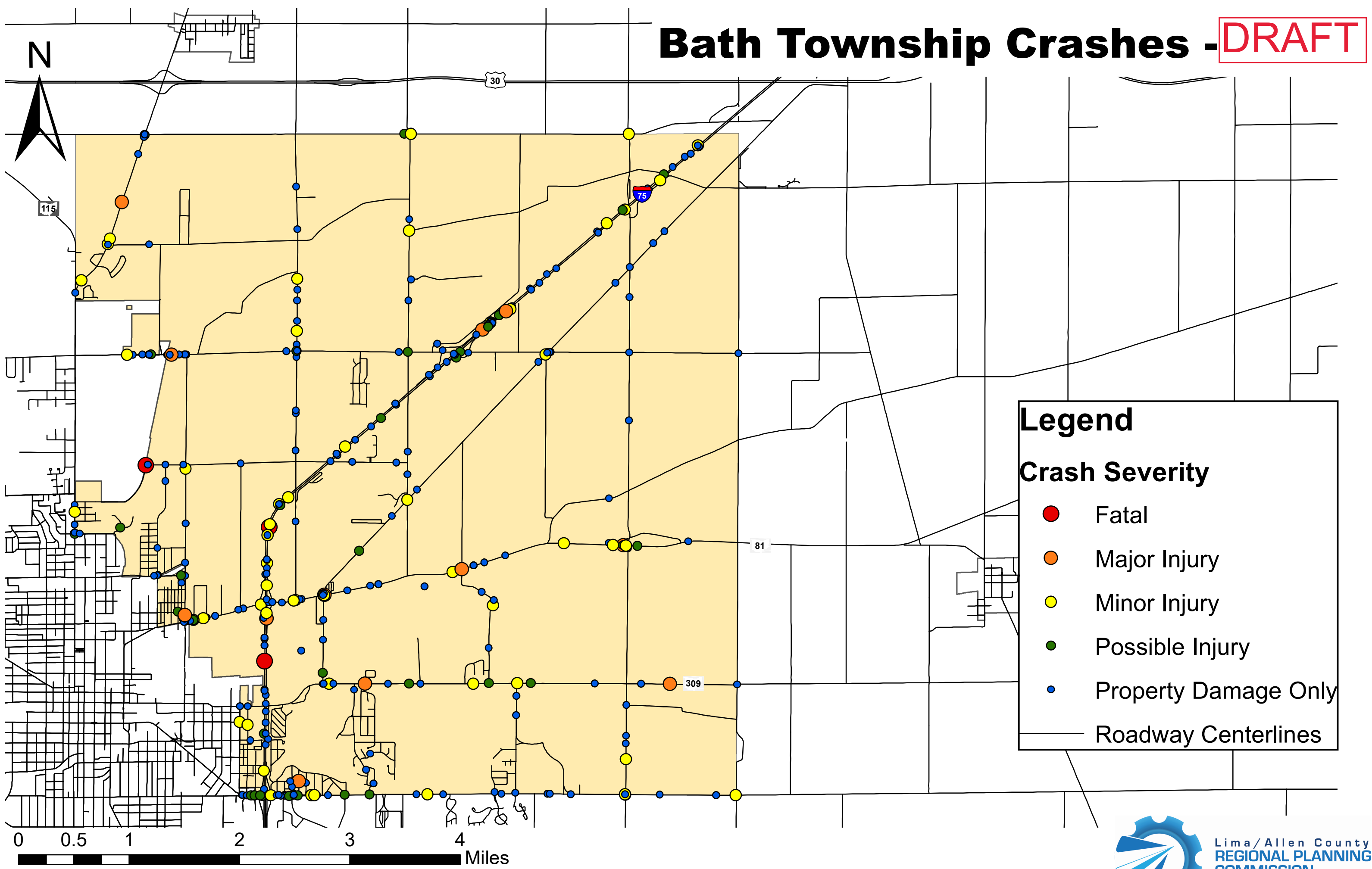
Minor Injury

Possible Injury

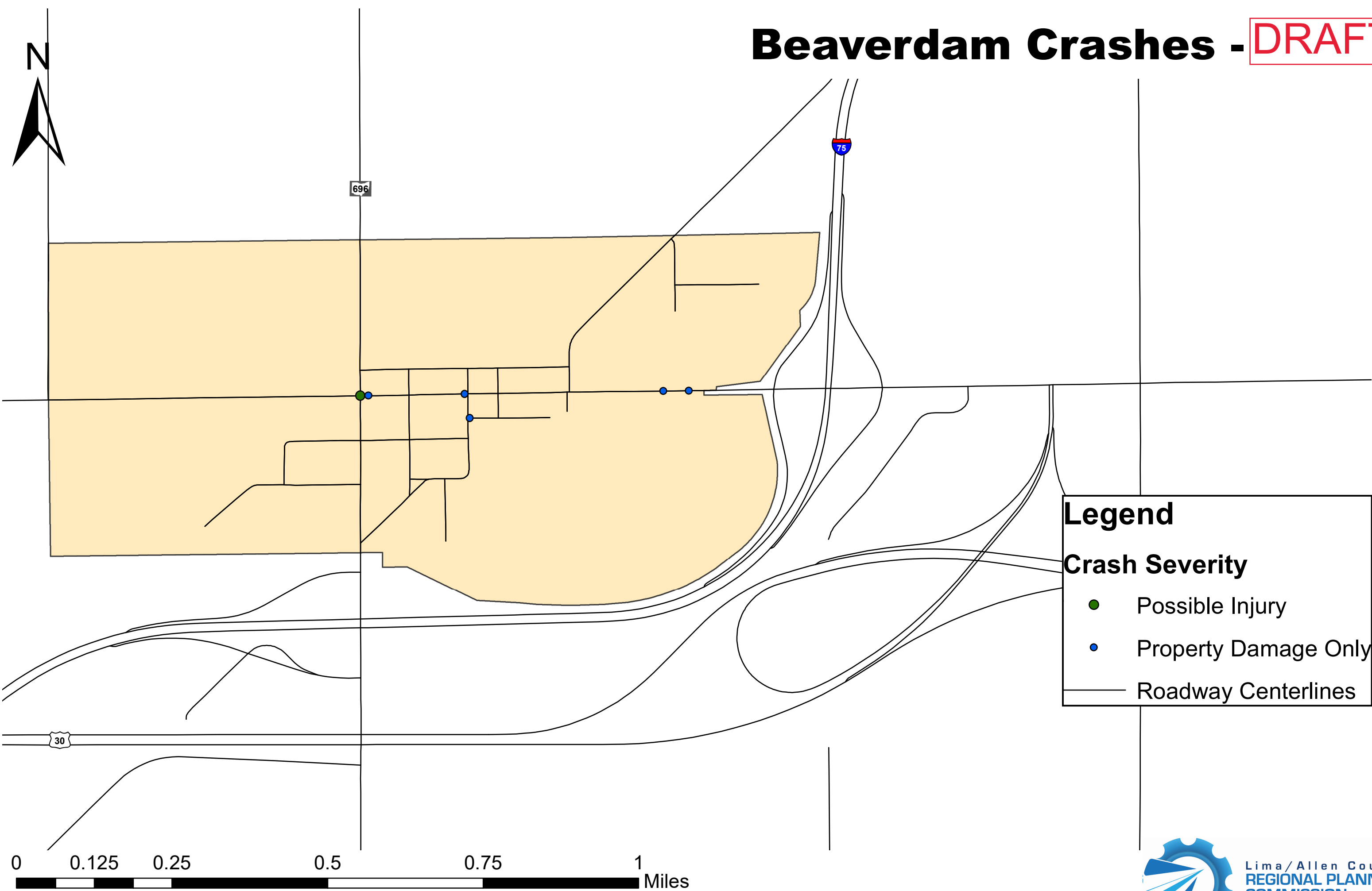
Property Damage Only

Roadway Centerlines

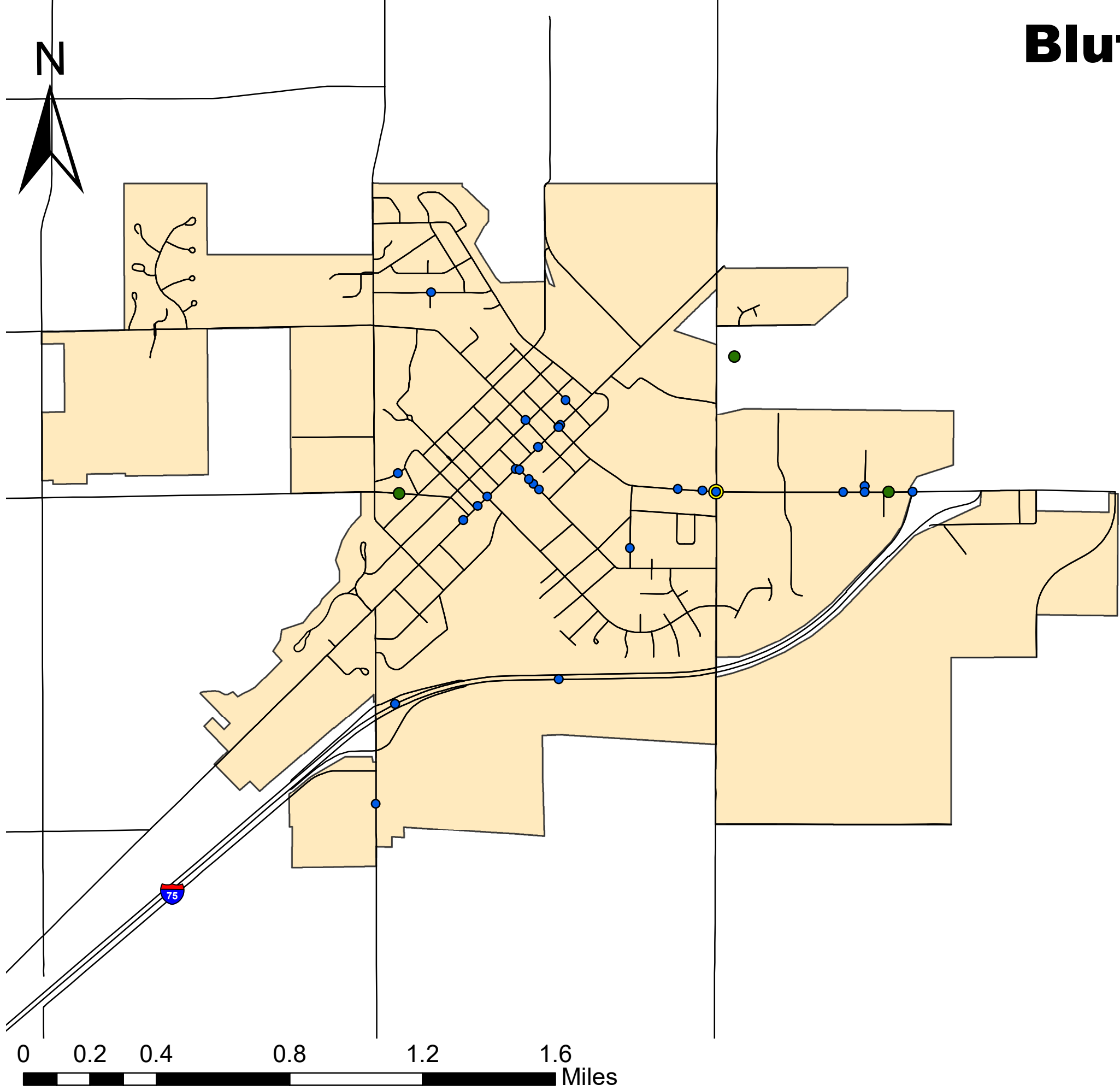
Bath Township Crashes - DRAFT



Beaverdam Crashes - DRAFT



Bluffton Crashes - DRAFT



Legend

Crash Severity

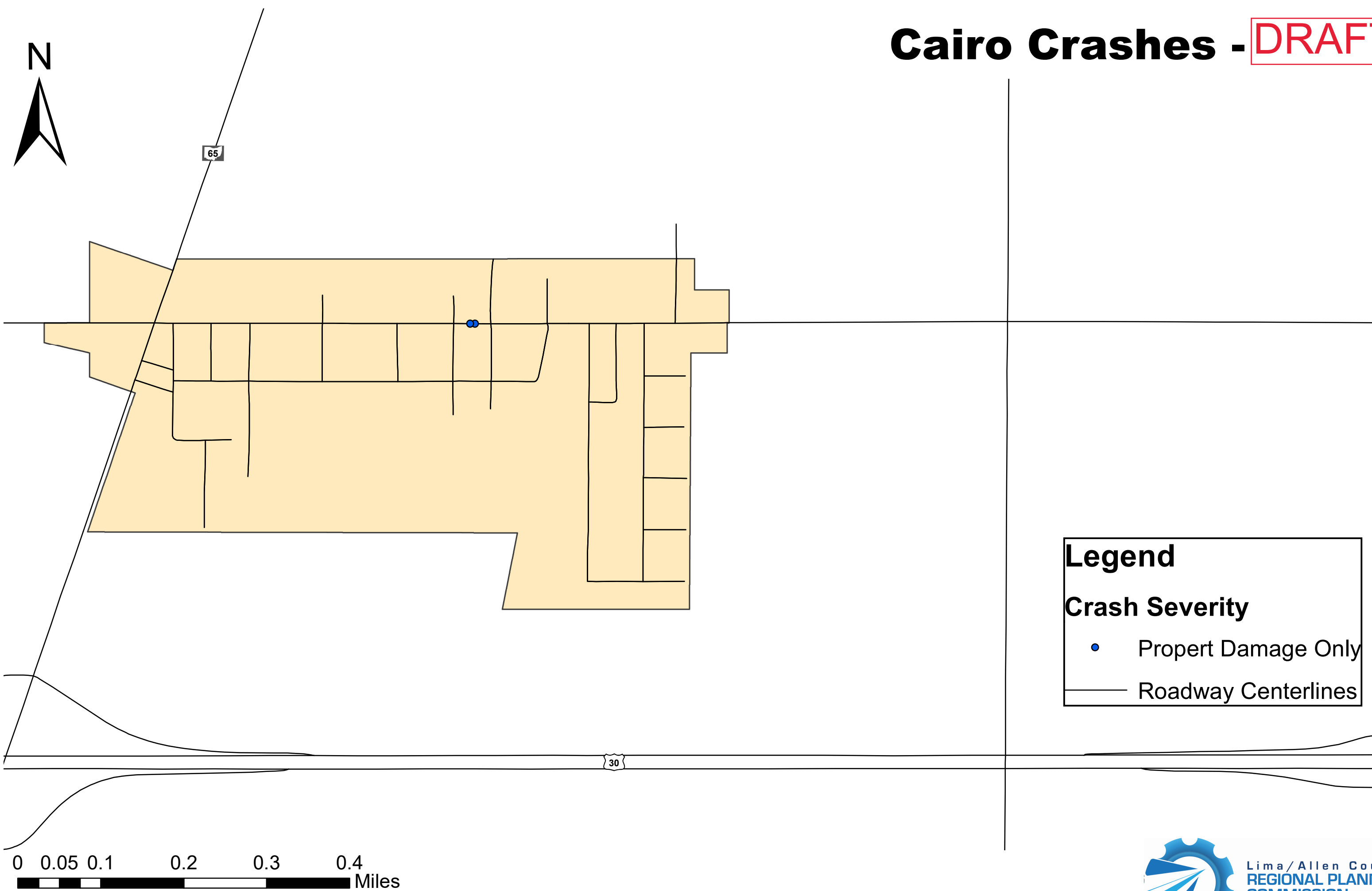
Minor Injury

Possible Injury

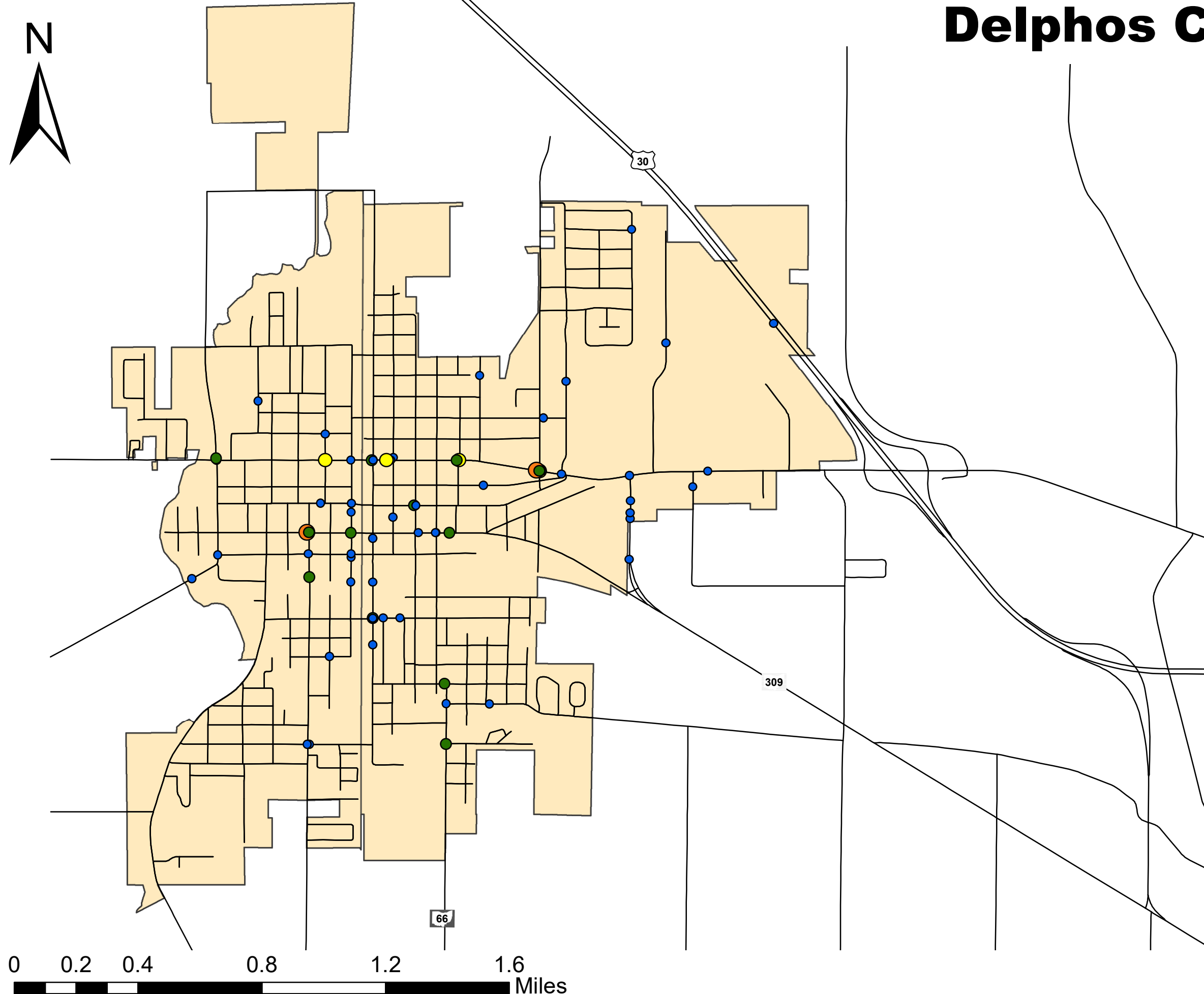
Property Damage Only

Roadway Centerlines

Cairo Crashes - DRAFT



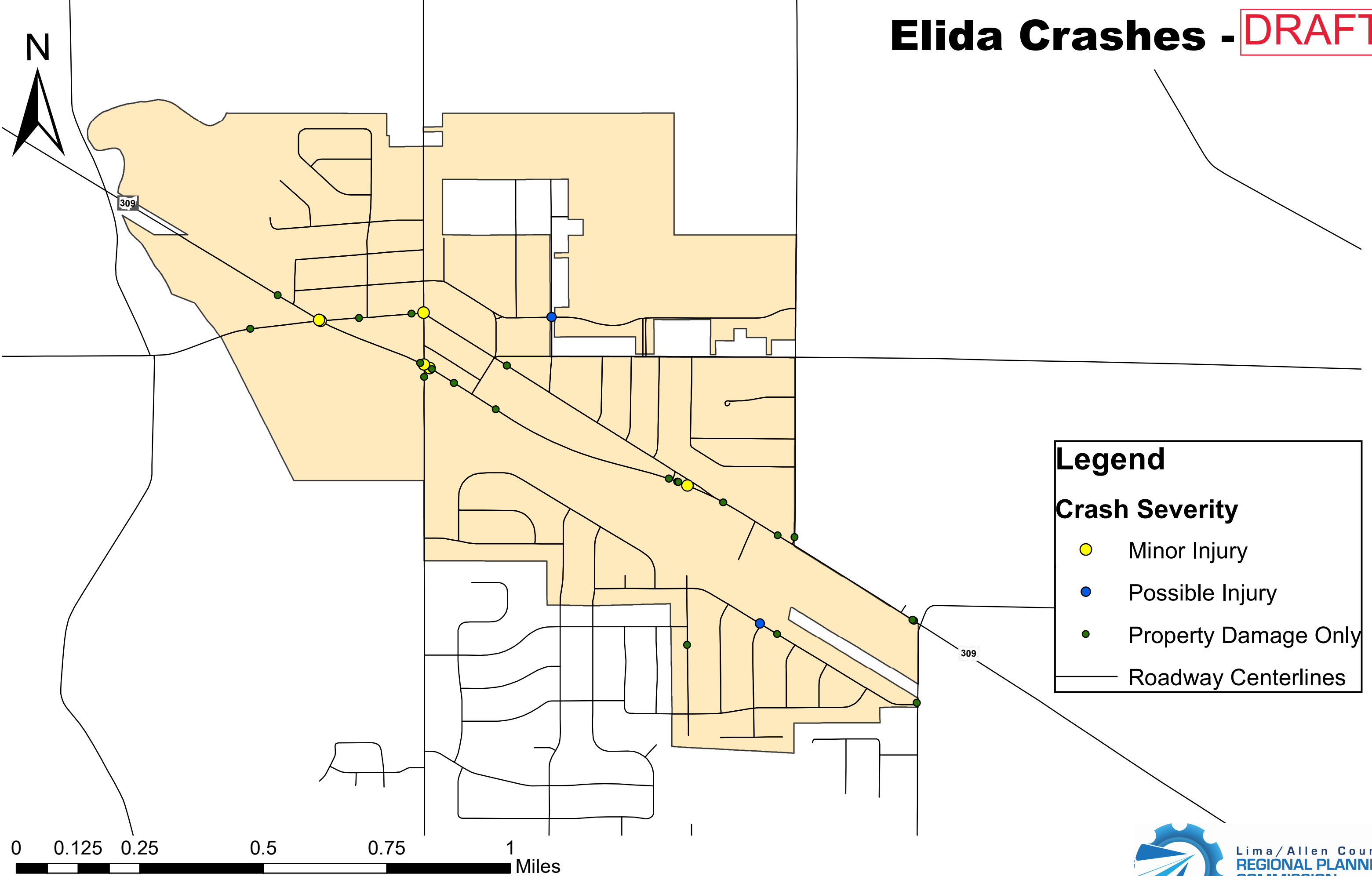
Delphos Crashes - **DRAFT**



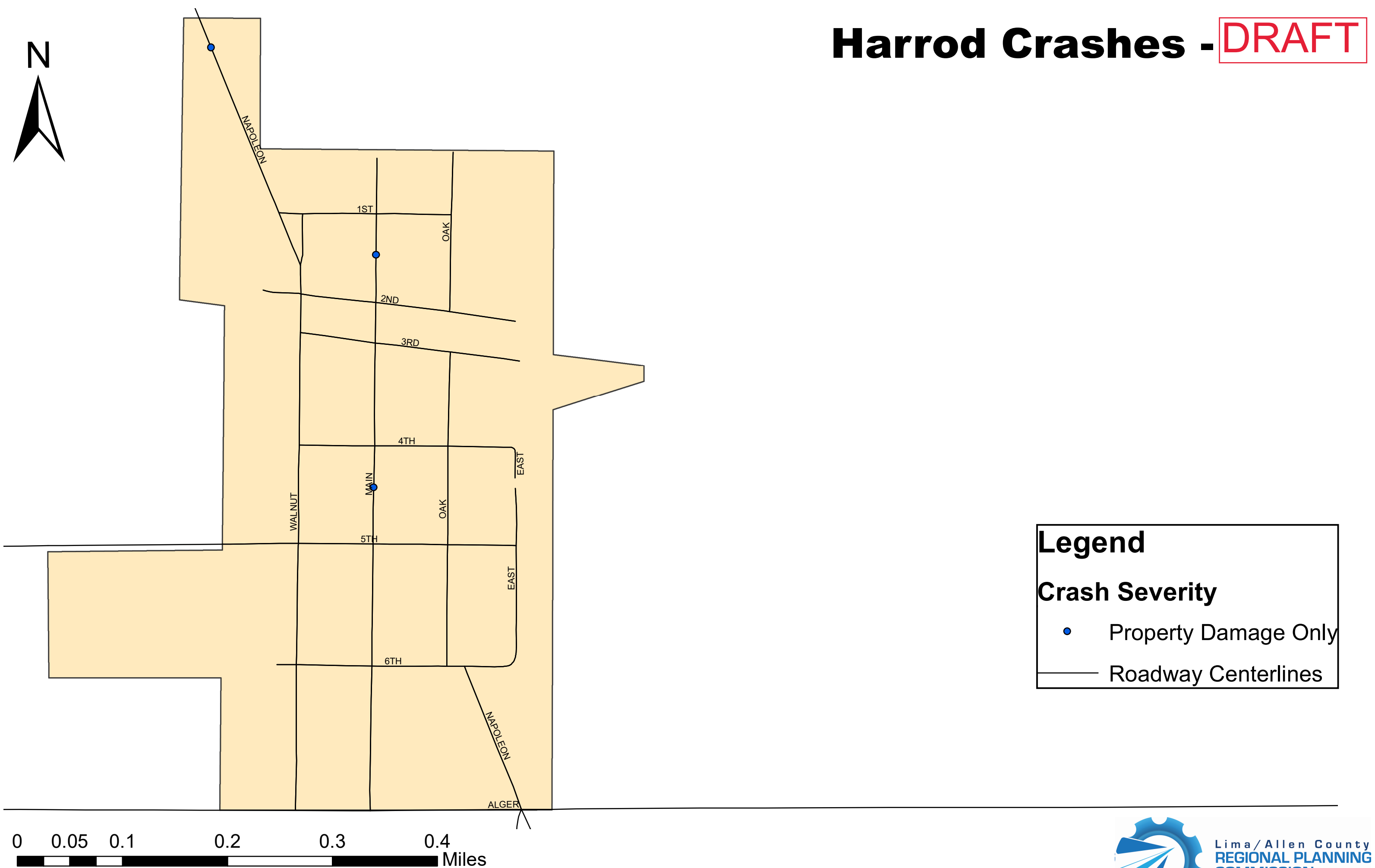
Legend

Crash Severity

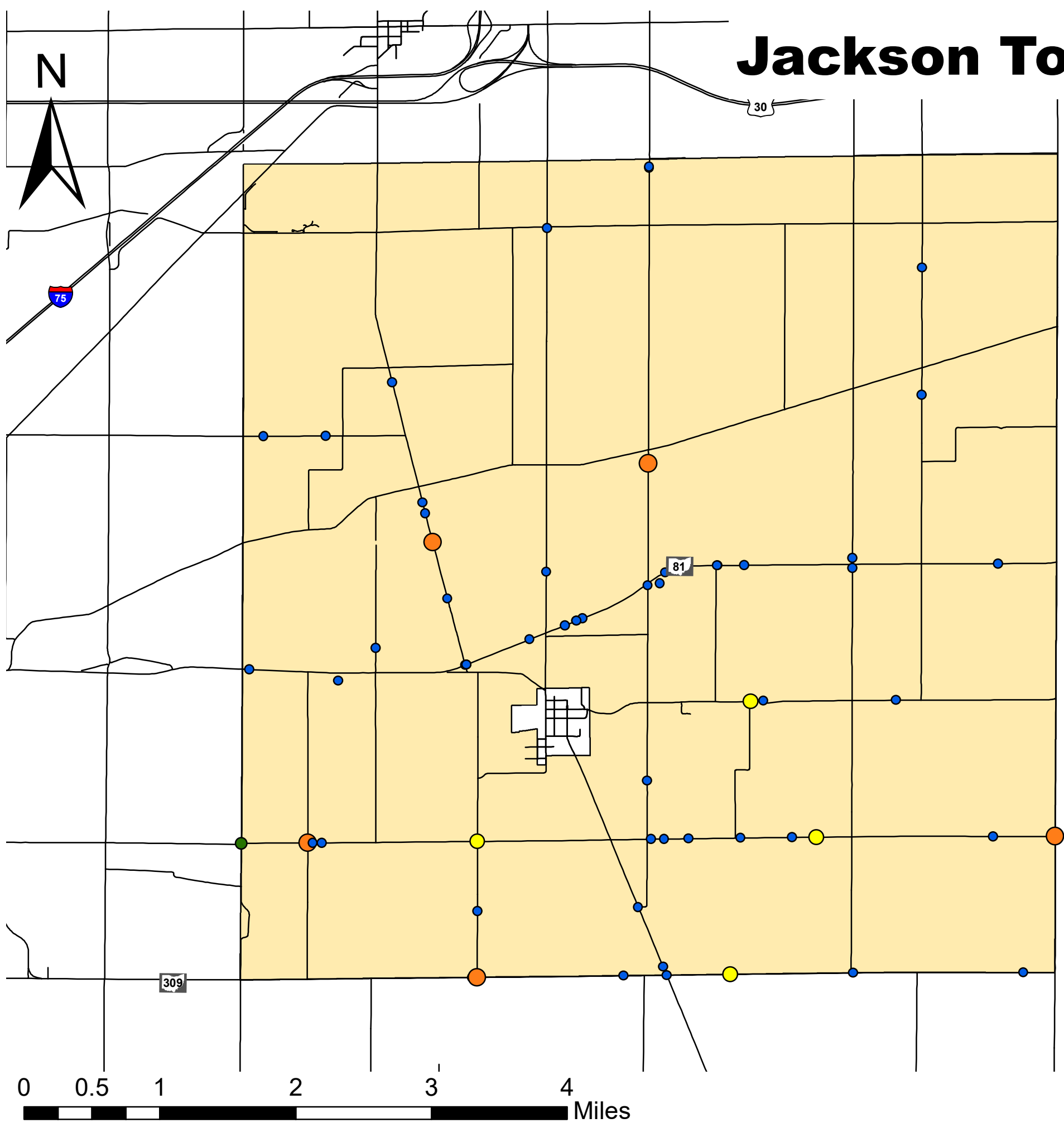
- Major Injury
- Minor Injury
- Possible Injury
- Property Damage Only
- Roadway Centerlines



Harrod Crashes - DRAFT



Jackson Township Crashes - DRAFT



Legend

Crash Severity

Major Injury

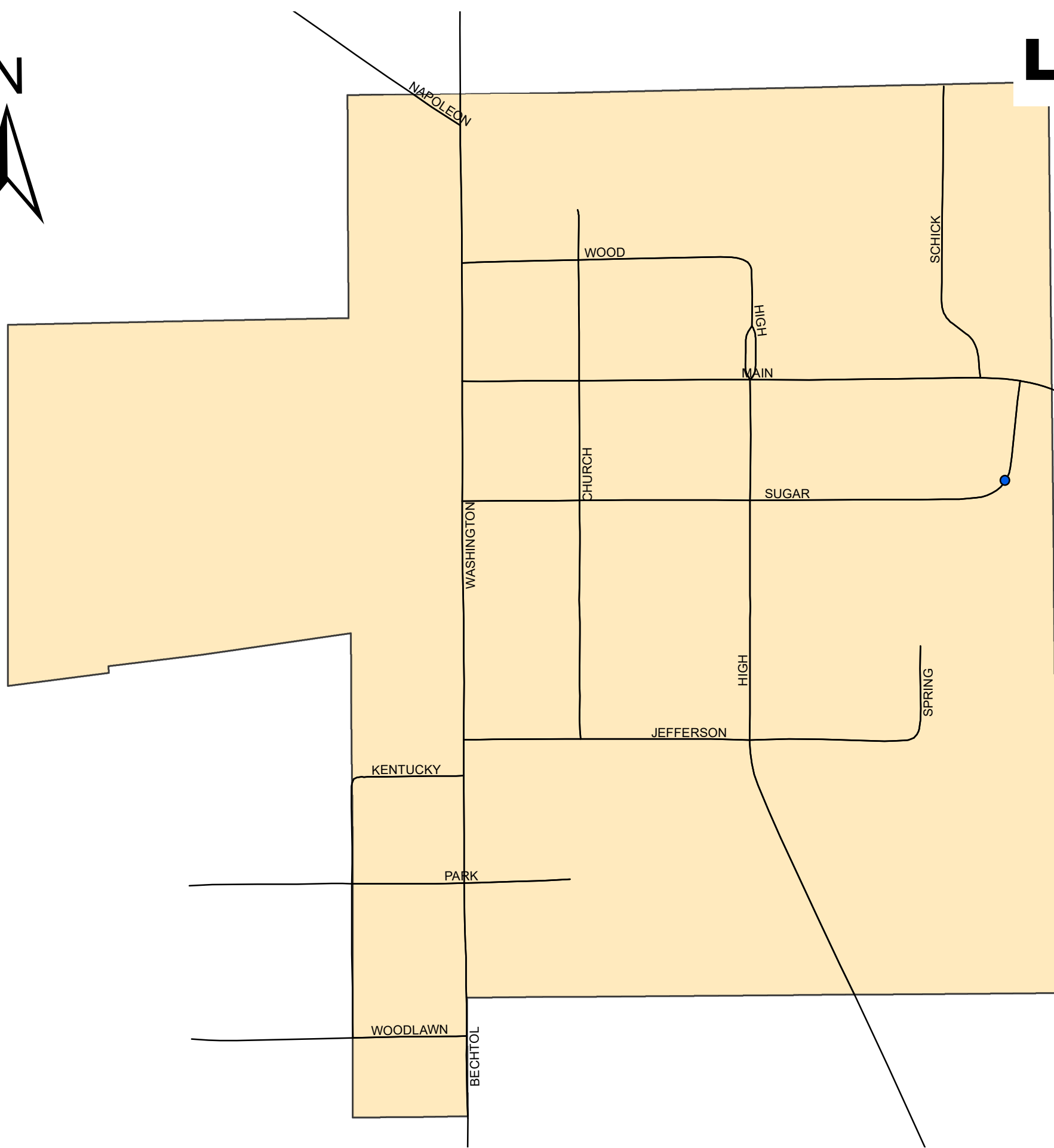
Minor Injury

Possible Injury

Property Damage Only

Roadway Centerlines

Lafayette Crashes - DRAFT

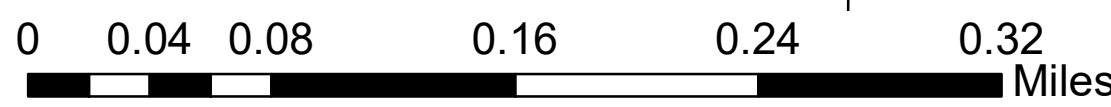


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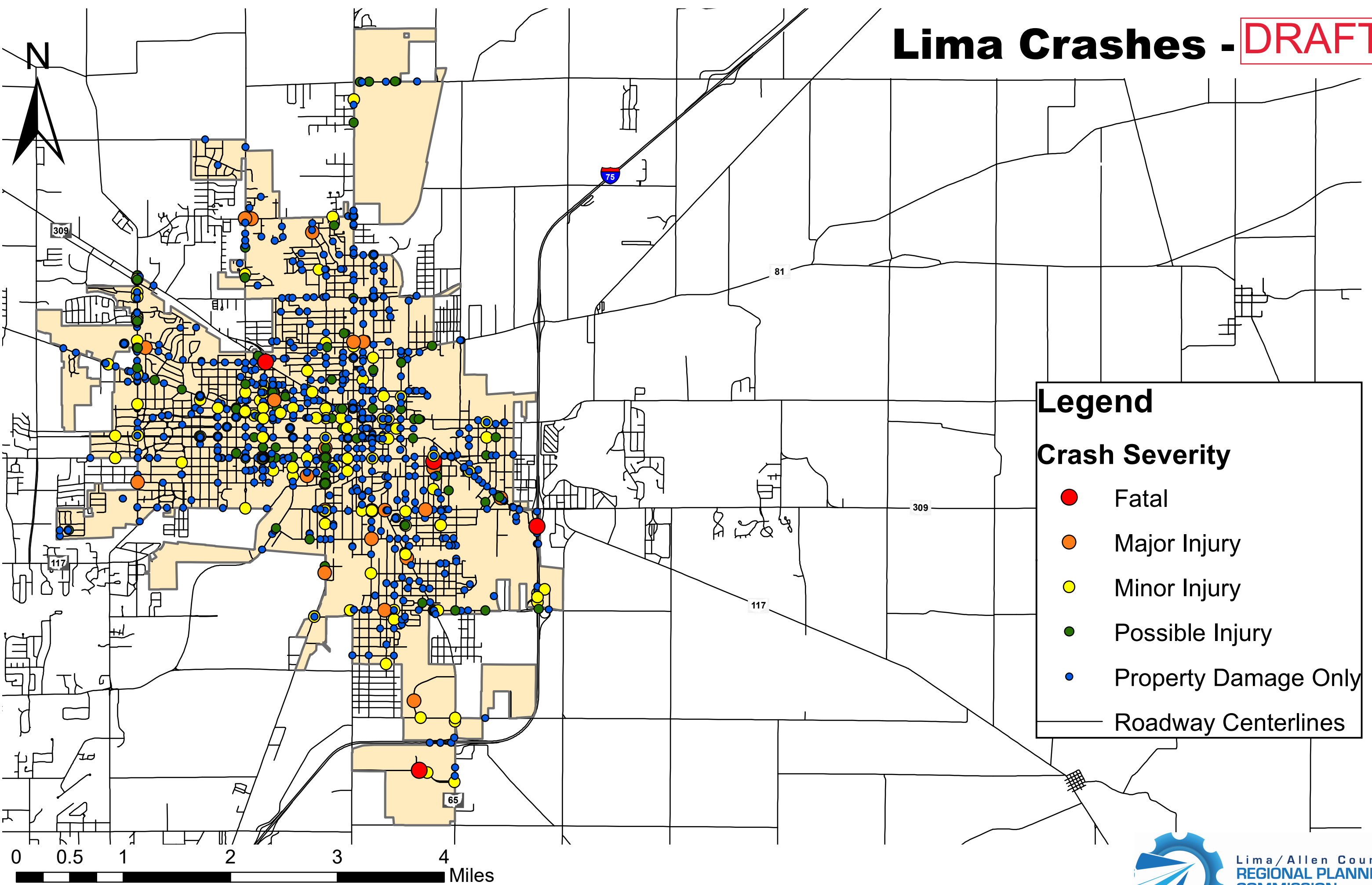
Crash Severity

Property Damage Only

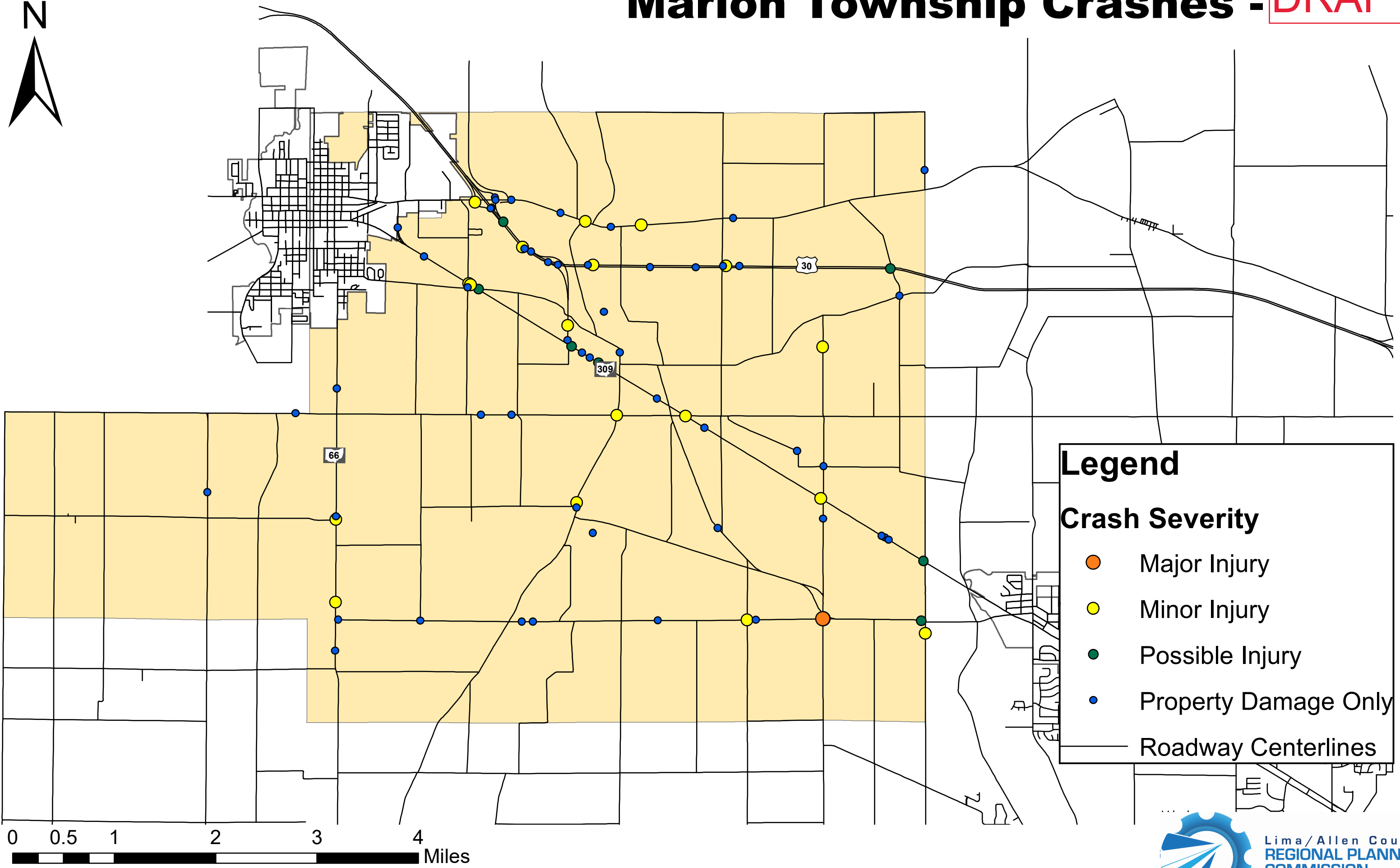
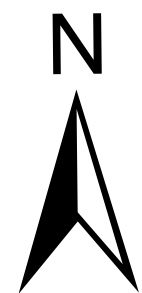
Roadway Centerlines



Lima Crashes - **DRAFT**



Marion Township Crashes - DRAFT



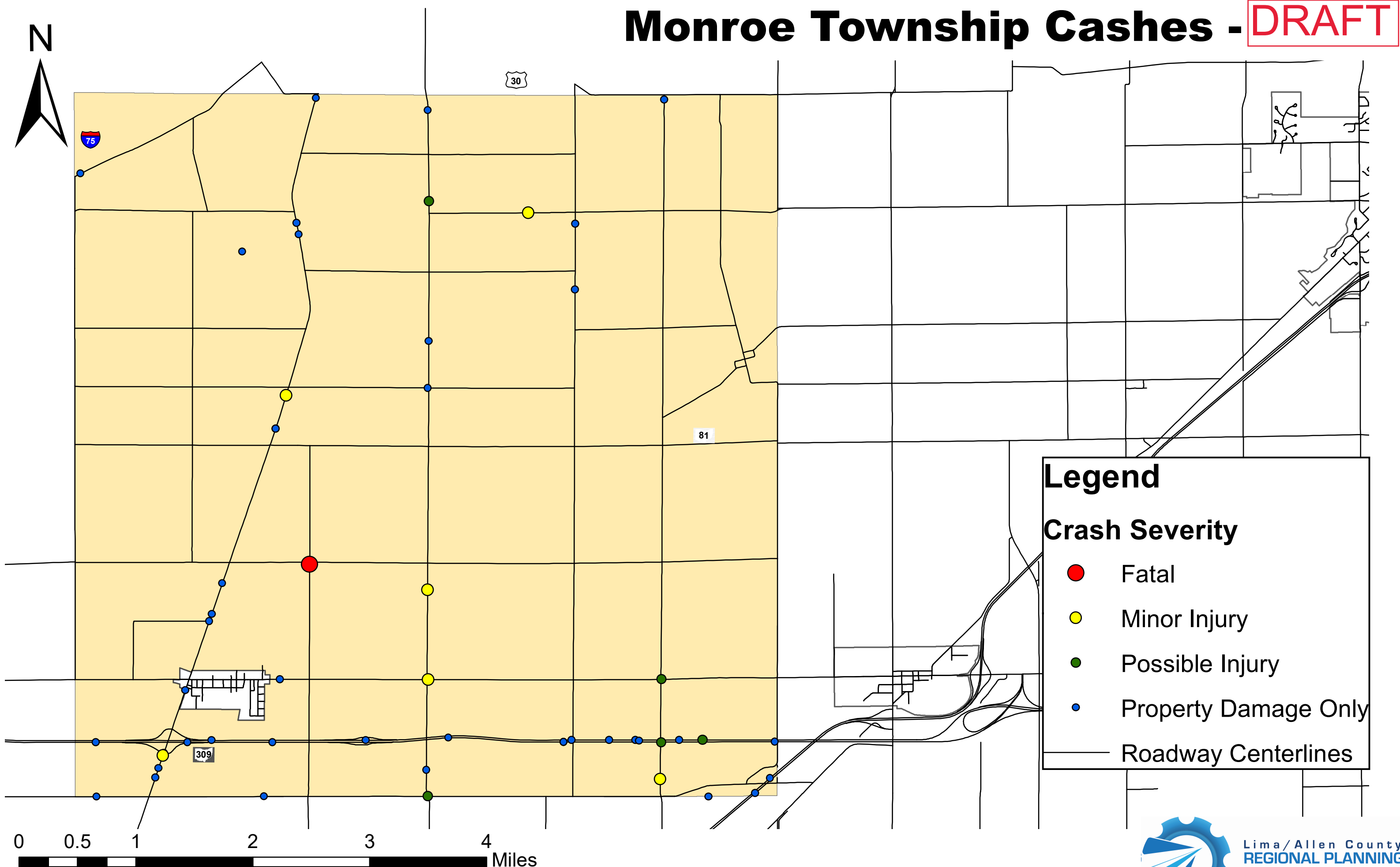
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Crash Severity

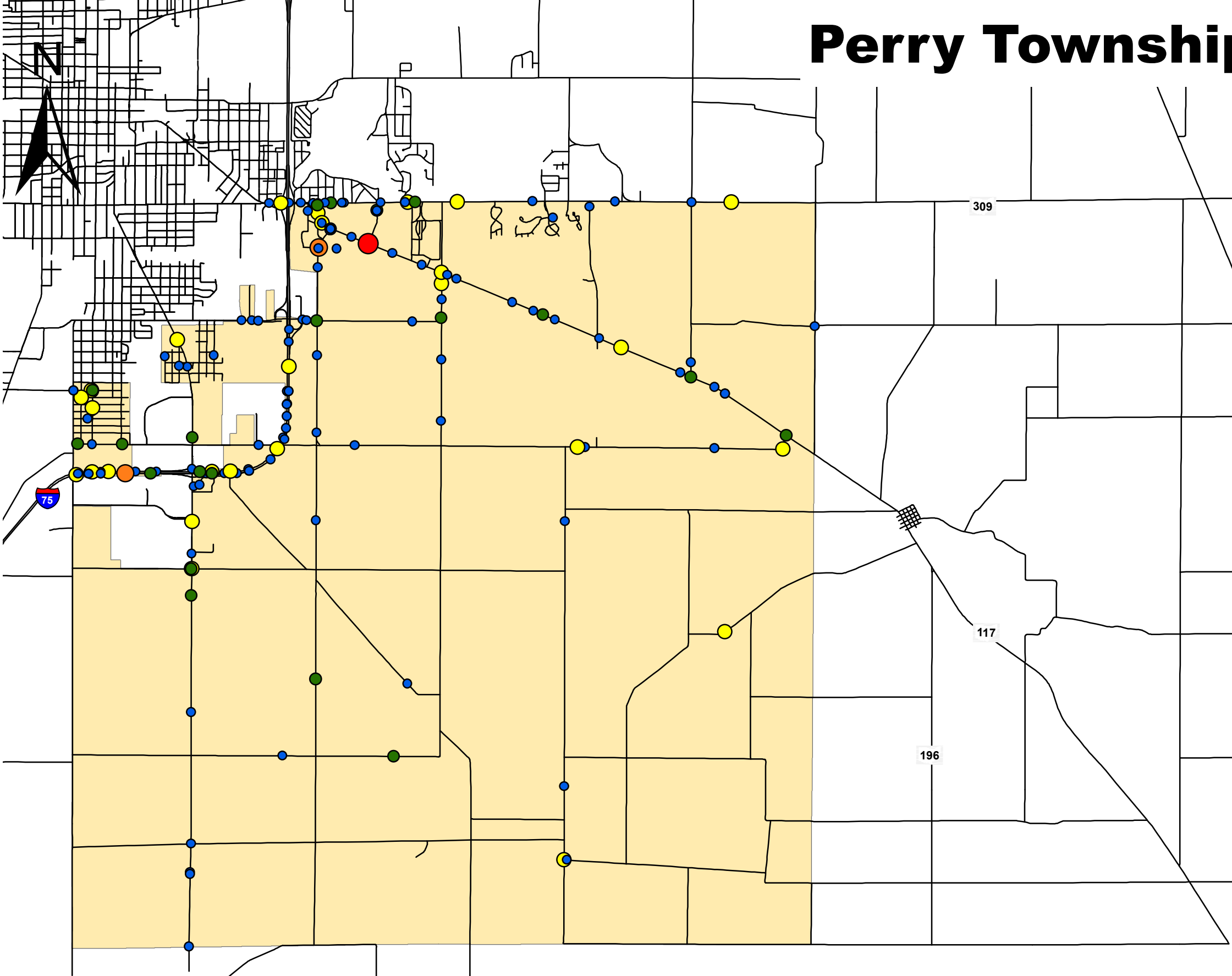
- Major Injury
- Minor Injury
- Possible Injury
- Property Damage Only

Roadway Centerlines

Monroe Township Cashes - DRAFT



Perry Township Crashes - DRAFT



Legend

Crash Severity

Fatal

Major Injury

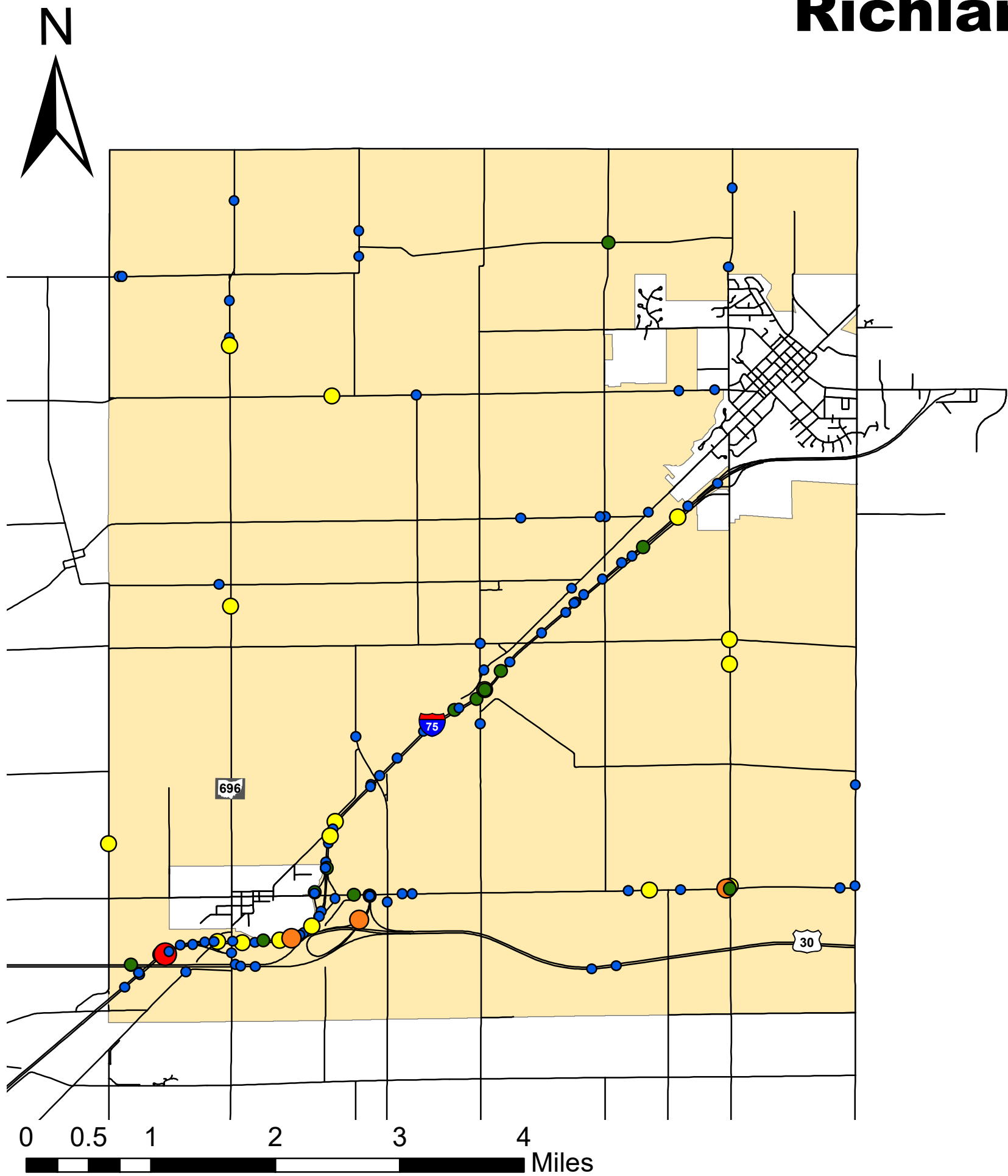
Minor Injury

Possible Injury

Poroperty Damage Only

Roadway Centerlines

Richland Township Crashes - DRAFT



Legend

Crash Severity

Fatal

Major Injury

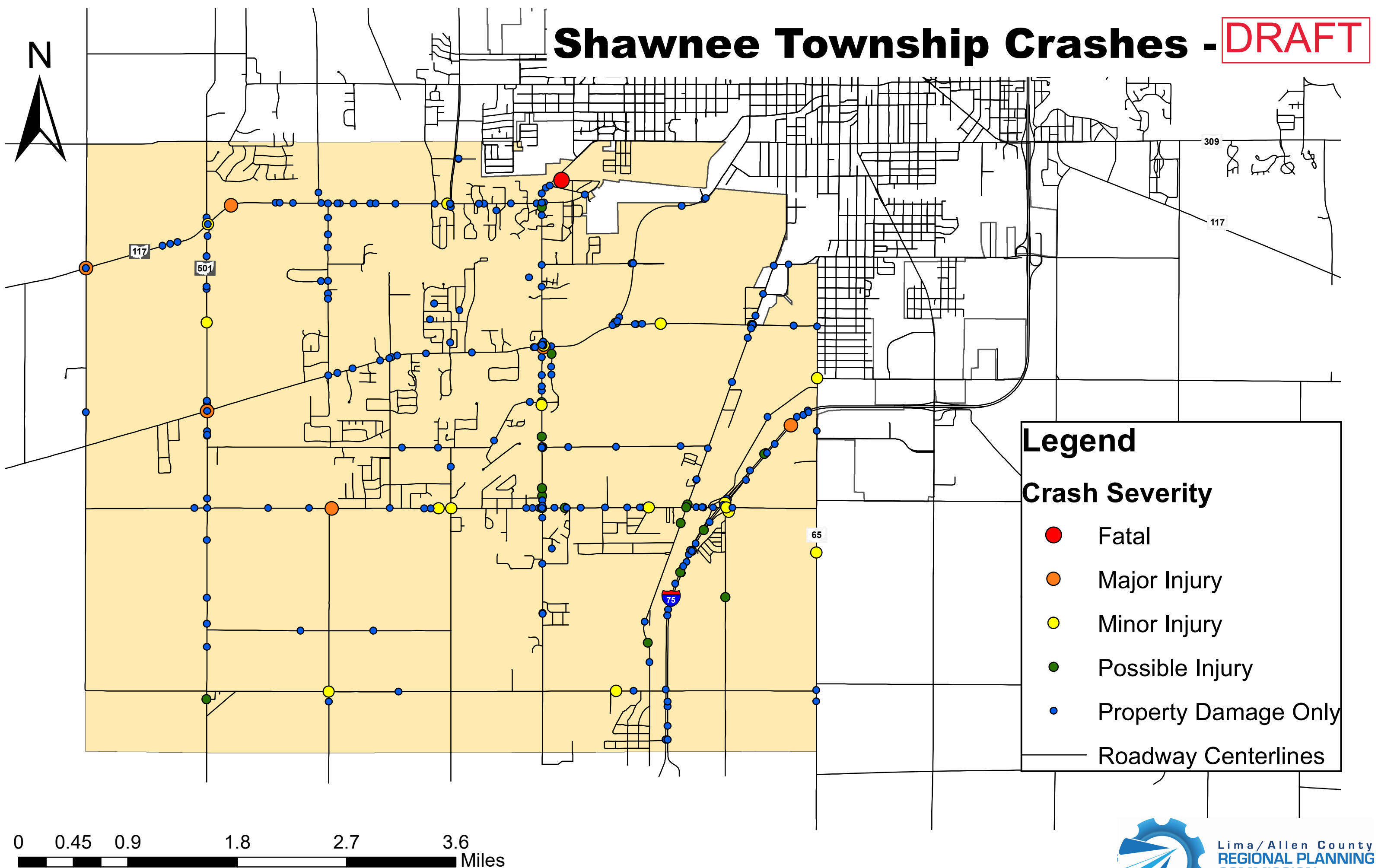
Minor Injury

Possible Injury

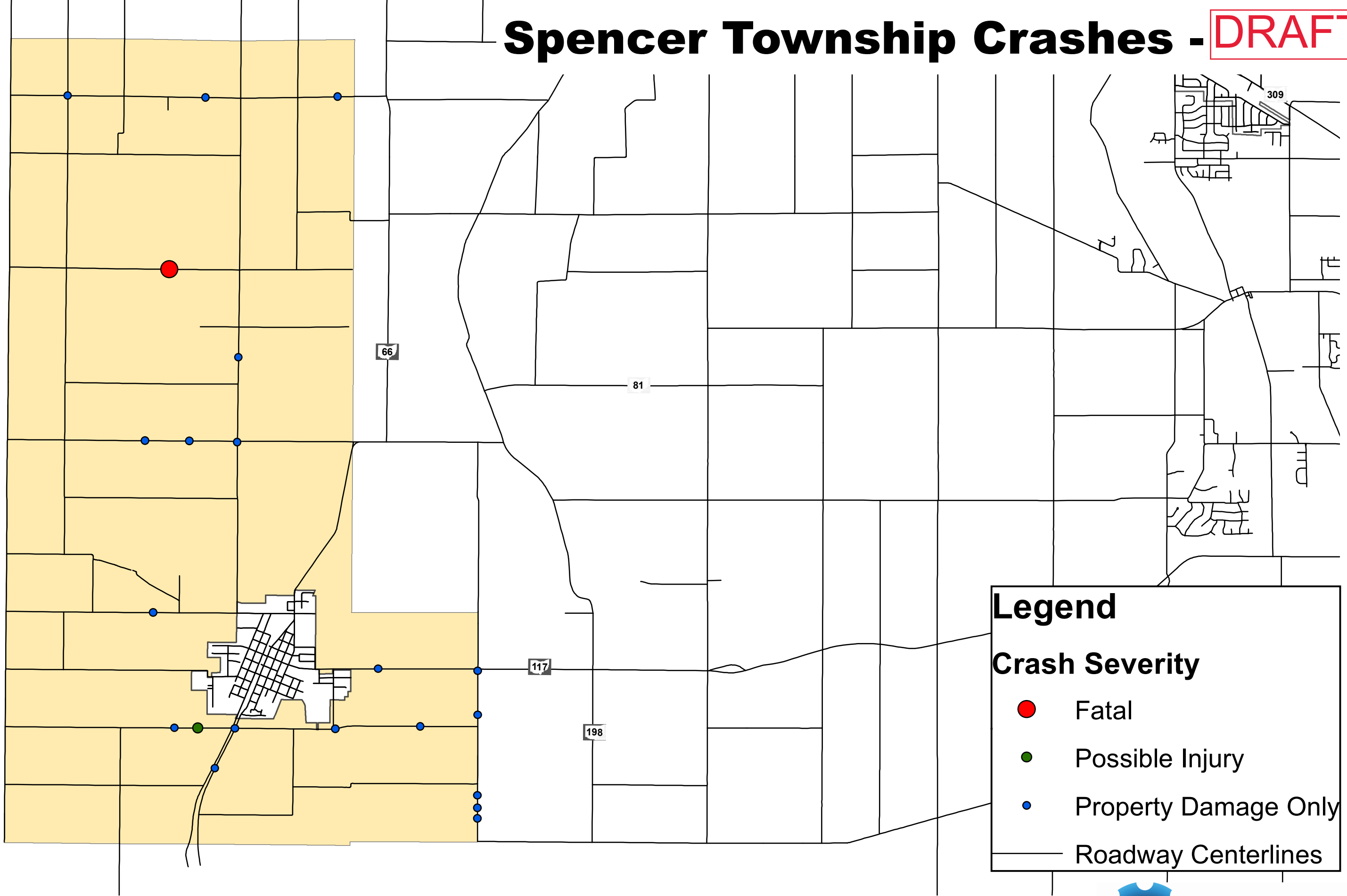
Property Damage Only

Roadway Centerlines

Shawnee Township Crashes - **DRAFT**



Spencer Township Crashes - **DRAFT**

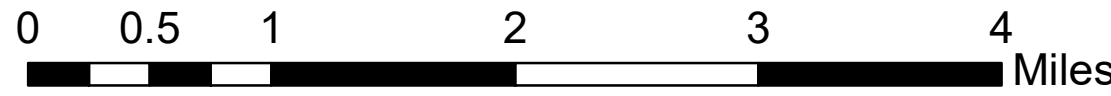


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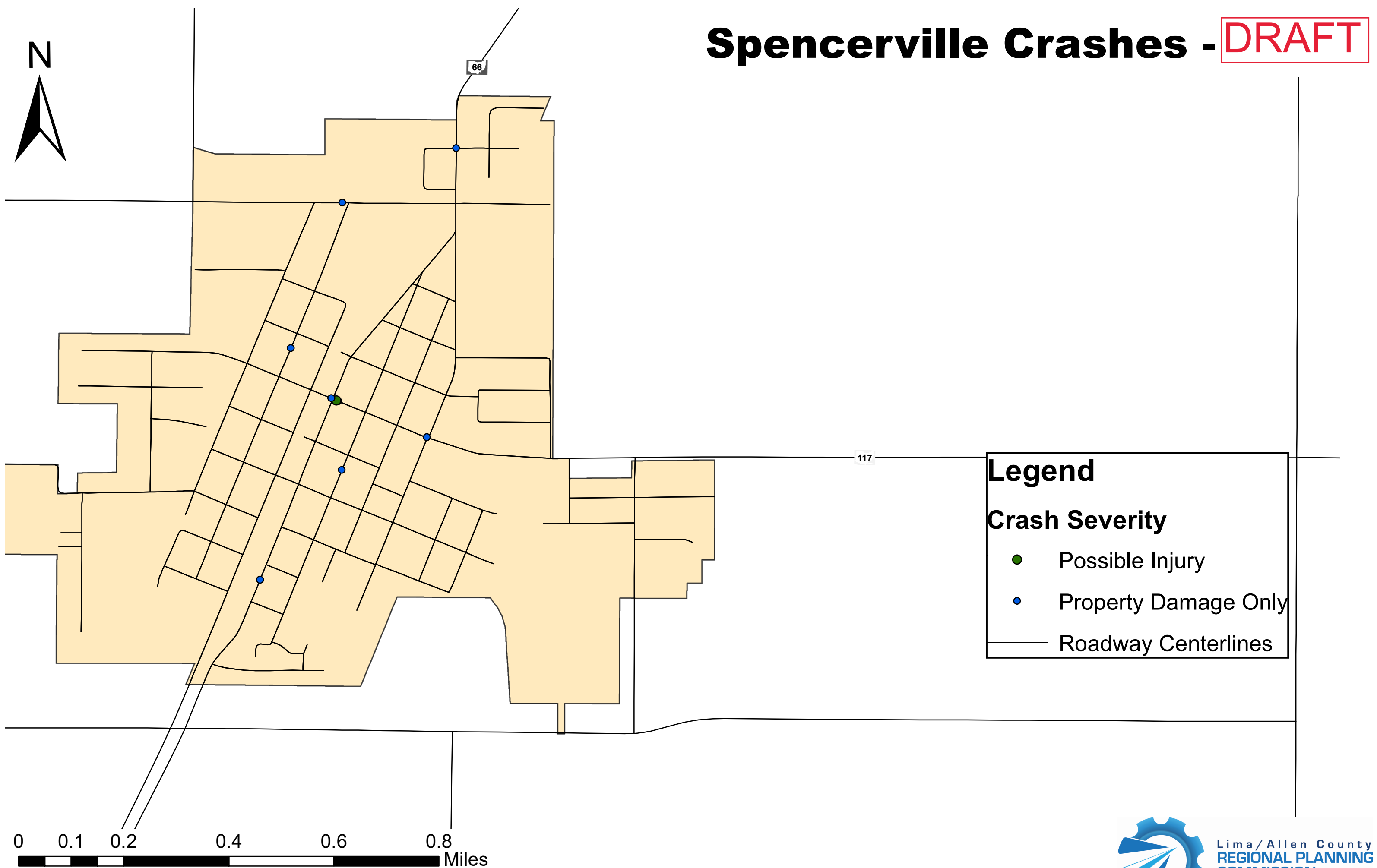
Crash Severity

- Fatal
- Possible Injury
- Property Damage Only

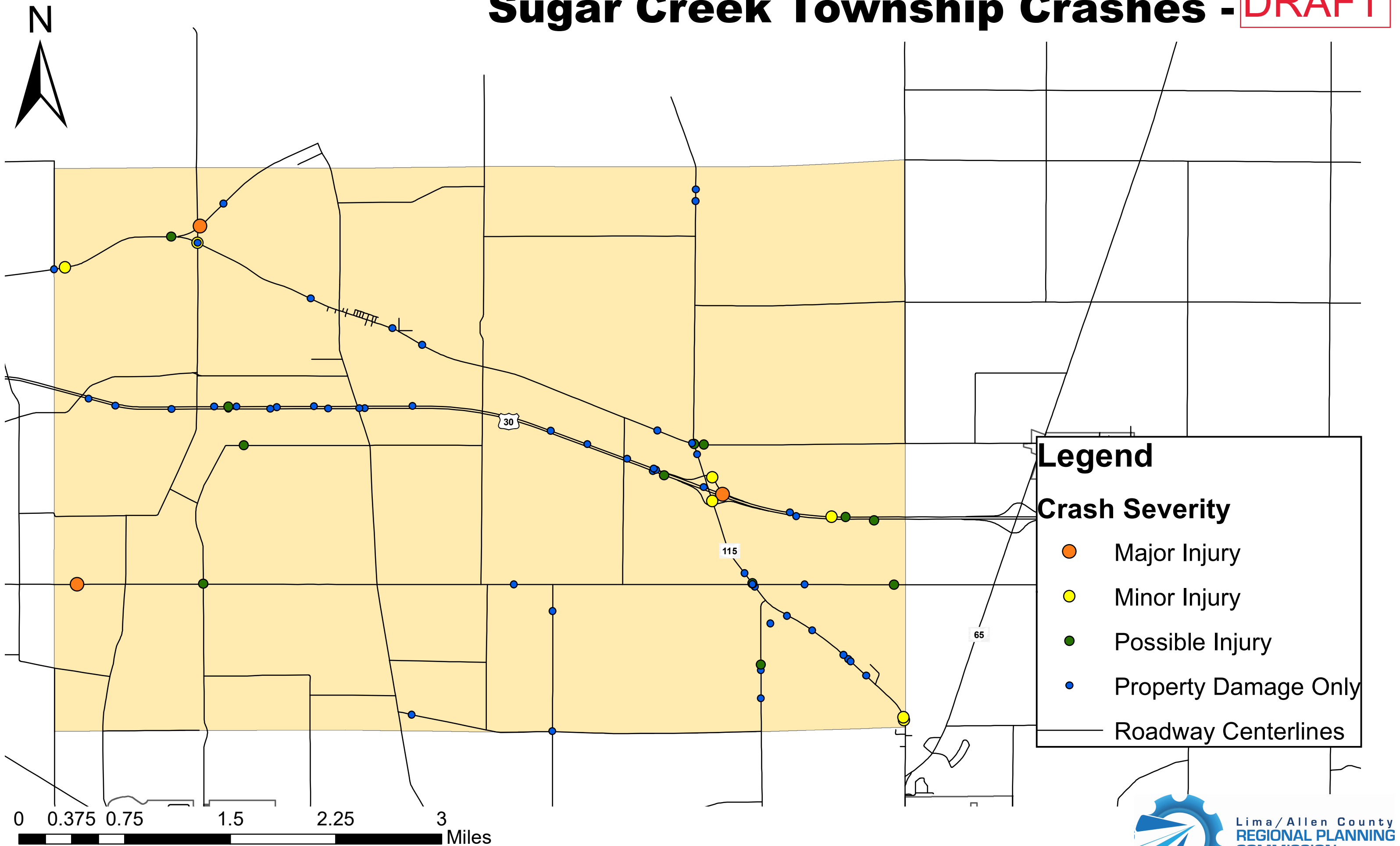
— Roadway Centerlines



Spencerville Crashes - **DRAFT**



Sugar Creek Township Crashes - **DRAFT**



Appendix A:

2022 Crash Breakdown

2022 Crash Breakdown

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Allen County, Ohio

Distracted Driving



2022 Totals:
6,840 People
3,053 Crashes
15 Fatalities

Impaired Driving

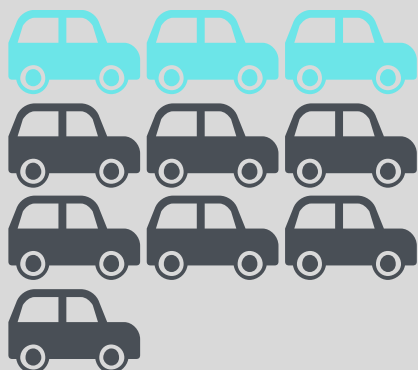
- 139 Crashes Involve Alcohol/Drugs
- 4 Fatal Crashes and 60 Injury Crashes



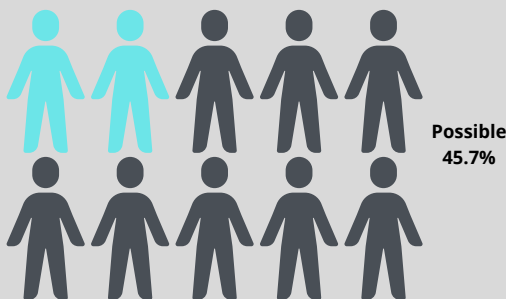
Bike and Pedestrian Crashes

- 36 Crashes Involved Bikes, Pedestrians, or other non-motorized person
- 2 Fatal Crashes and 30 Injury Crashes

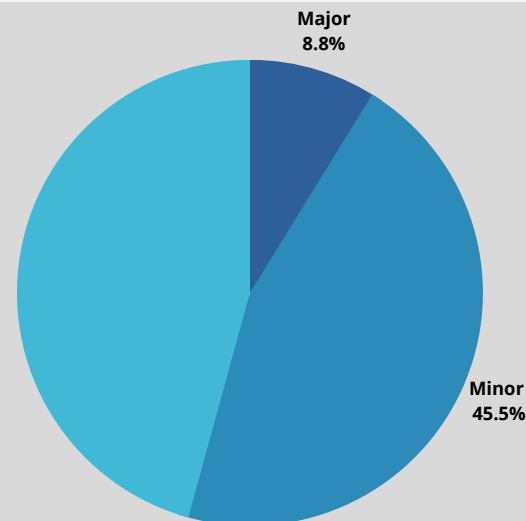
Crash Severity



24.2% of all Crashes Involve Injury



15.7% People Involved in Crashes were injured



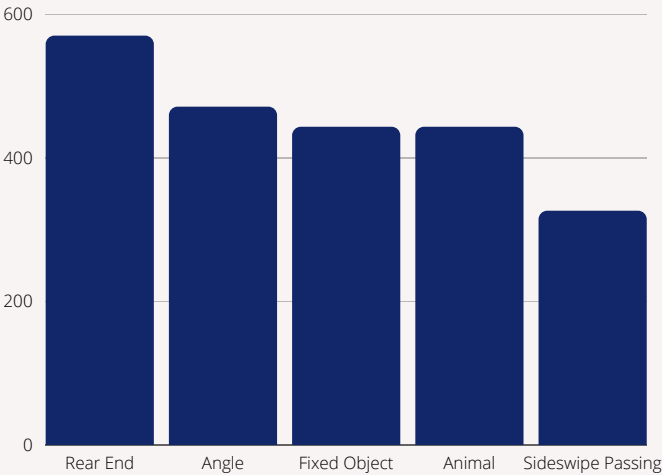
Injury Crashes Breakdown

2022 Crash Breakdown

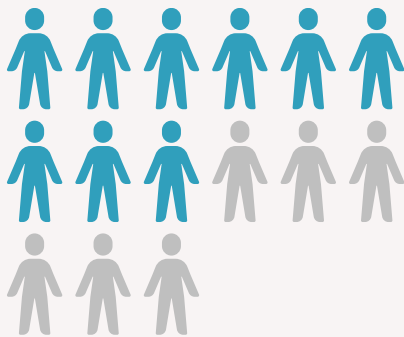
Allen County, Ohio

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Top 5 Crash Type



Safety Equipment

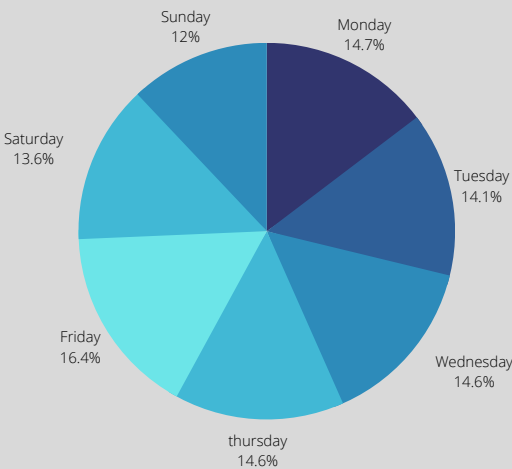


9 of 15 Fatalities in 2022 did not Utilize Safety Equipment

Highest Crash Categories

- Crash Month - November (10.4%)
- Hour of Day - 3:00P.M. (8.39%)
- Light Conditions - Day Light (60.43%)
- Weather Conditions - Clear (64.46%)

Crashes by Day in Week



364 Speed Related Crashes