

# Smyrna Clayton Blvd Intersection Study

Welcome

## Wheatleys Pond Rd & Smyrna / Clayton Blvd Intersection

Public Workshop 1

January 30, 2023



# Smyrna Clayton Blvd Intersection Study





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# Smyrna Clayton Blvd Intersection Study

## Purpose & Need

Intersection at acute angle

Inhibits vehicle turning movements

Right turn movement onto Wheatleys Pond Rd especially difficult

Study will evaluate:

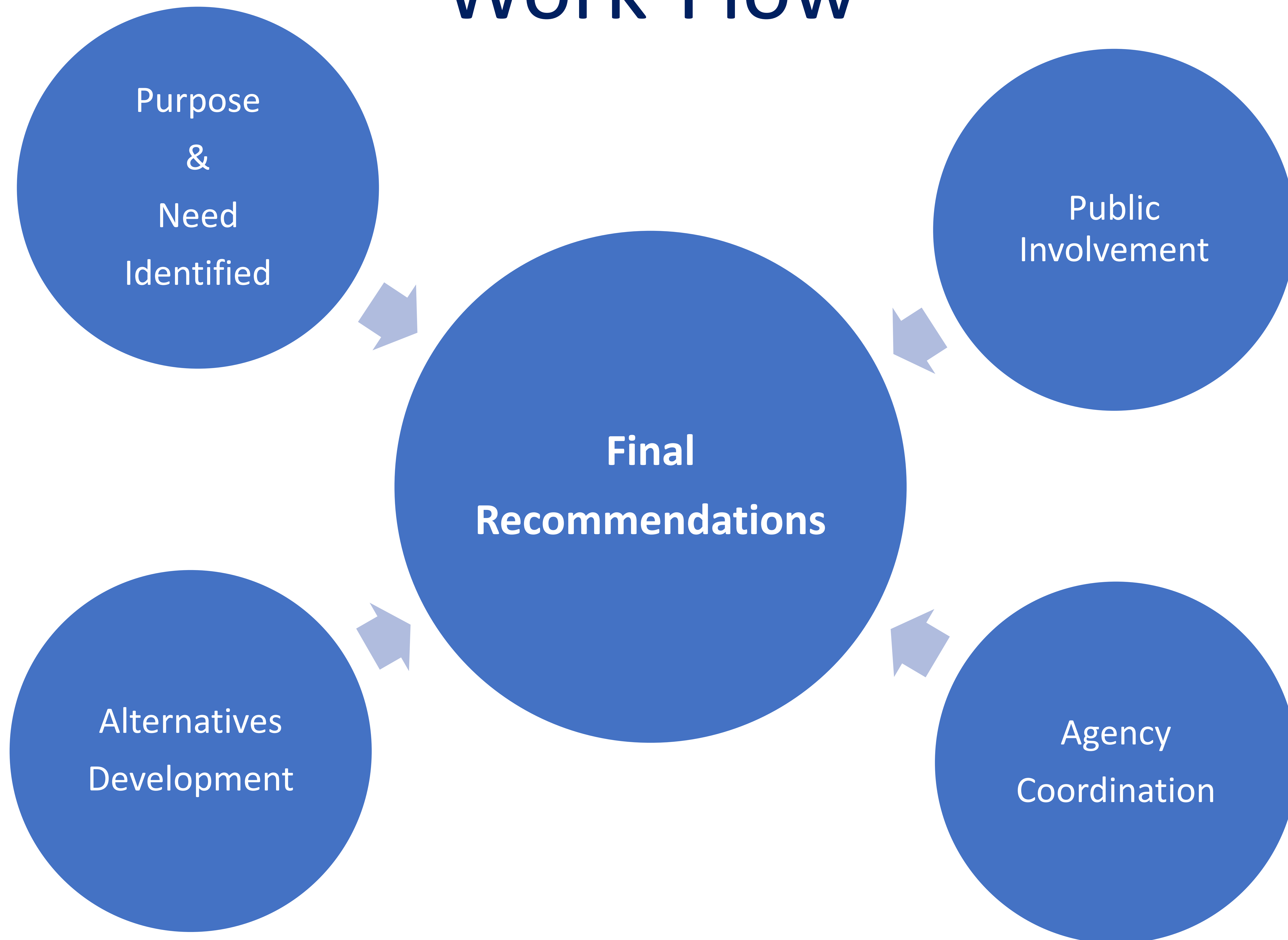
- Extending Carter Rd to Smyrna/Clayton Blvd to allow for a safer connection between Smyrna/Clayton Blvd and Carter Rd
- Increased traffic as a result of new development in area

Study area limits - Immediately around intersection but could increase if required for improvements



# Smyrna Clayton Blvd Intersection Study

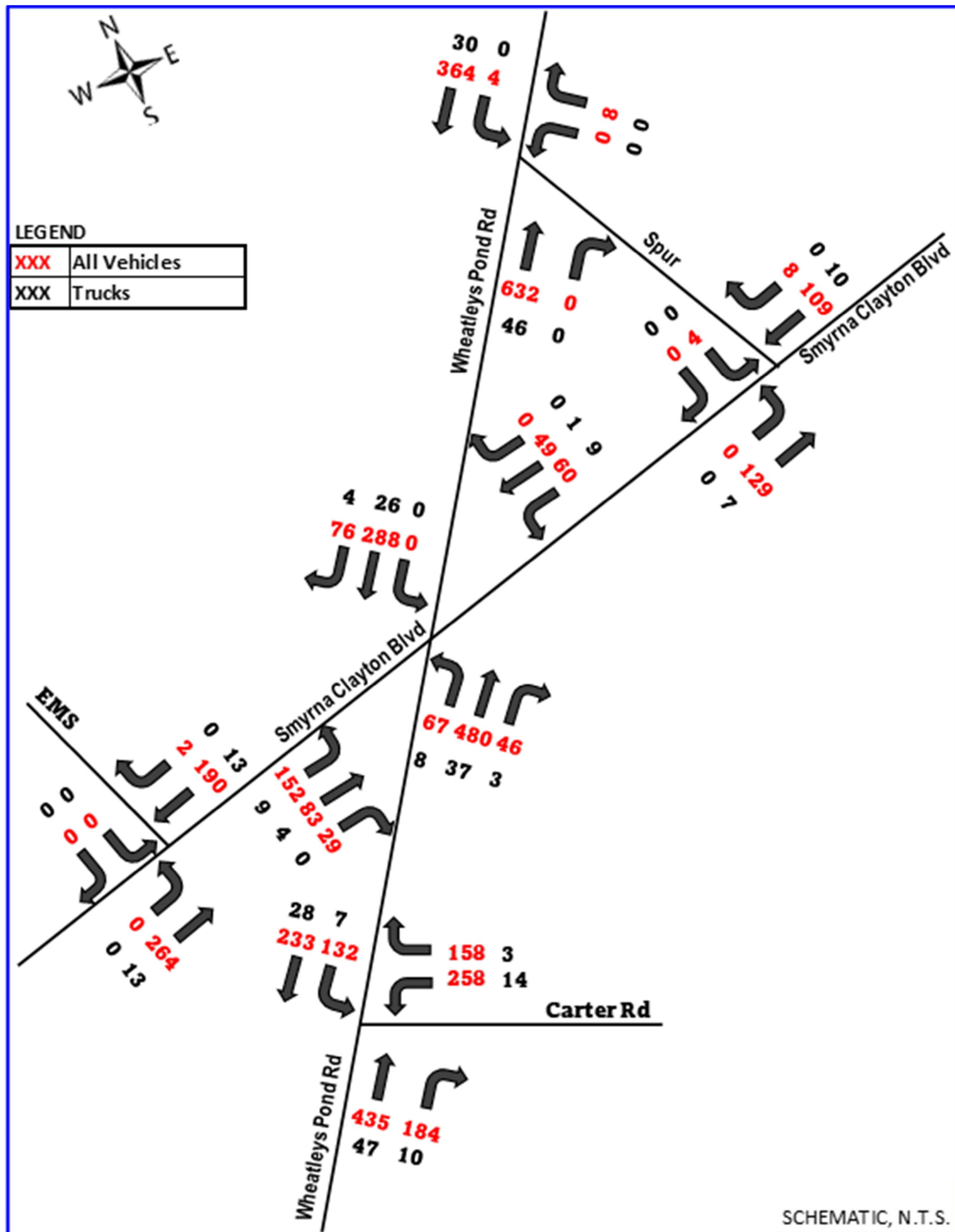
## Work-Flow



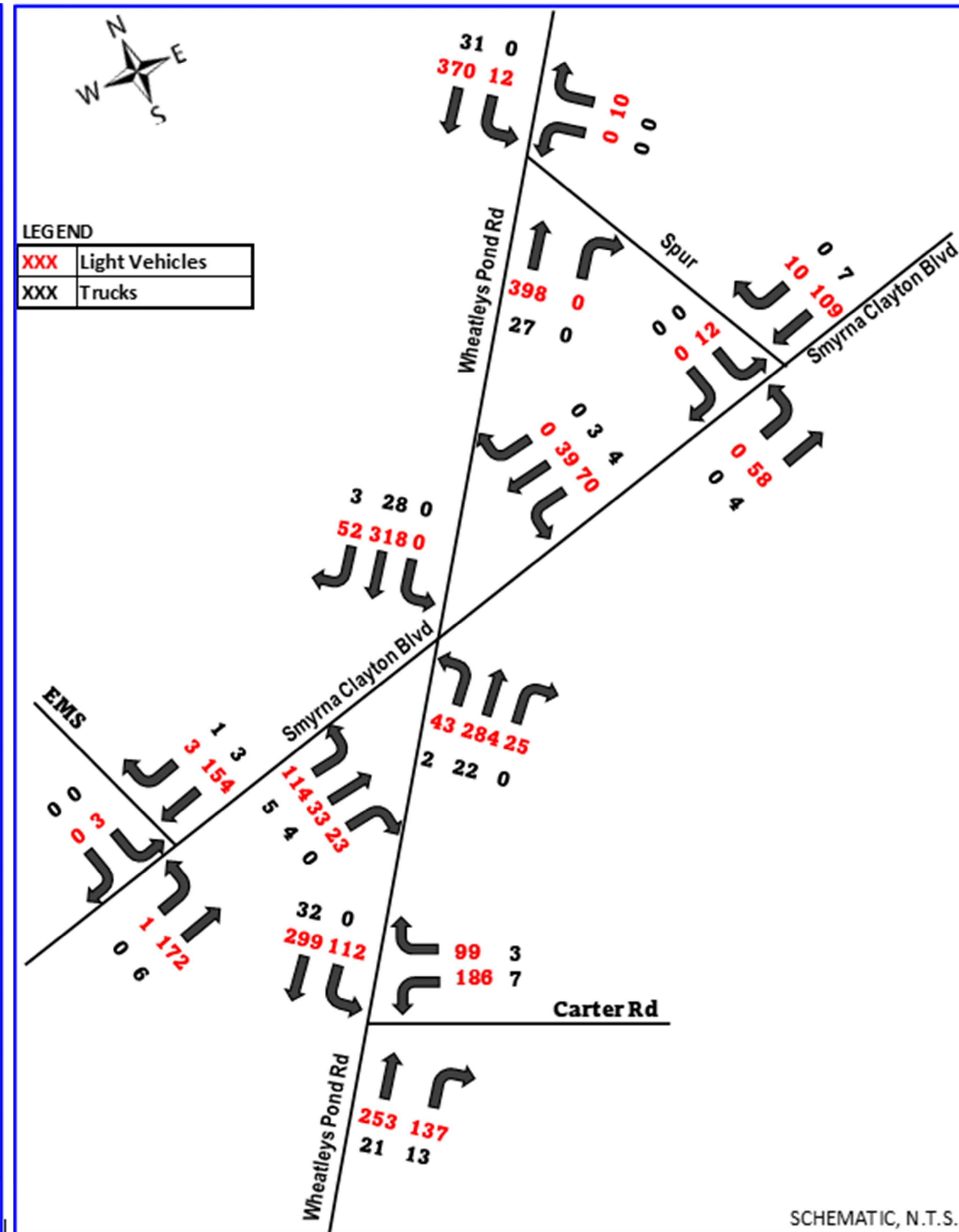


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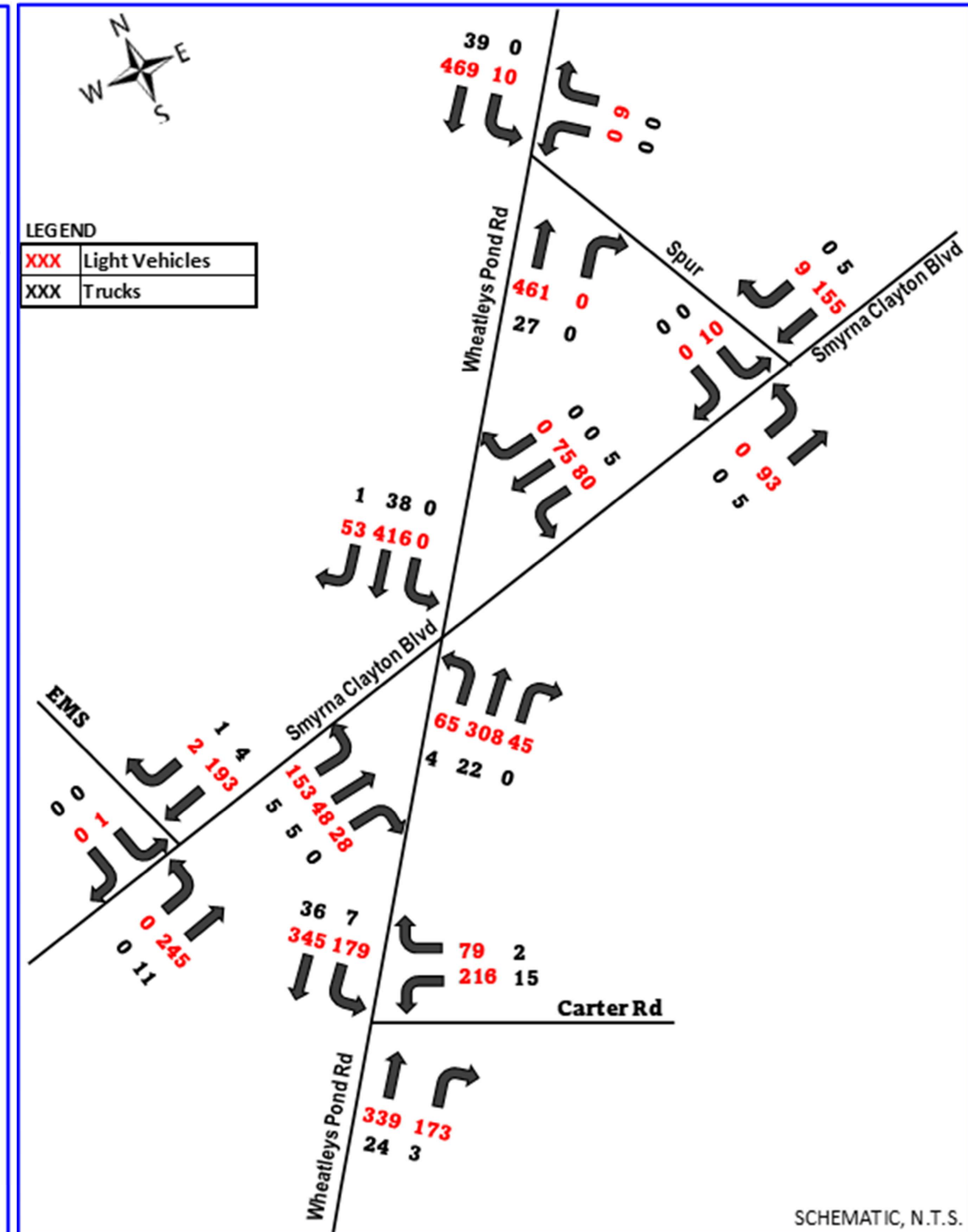
# AM Peak Hour Turning Movements



# Midday Peak Hour Turning Movements



## PM Peak Hour Turning Movements



## Counts Done 11/29/2022



# Smyrna Clayton Blvd Intersection Study

## Crash Type and Severity

Collision Type	Crash Severity / Classification															Crash Severity / Classification			
	PD	PI	Total	PD	PI	Total	PD	PI	Total	PD	PI	Total	PD	PI	Total	PD	PI	Total # of Crashes	% of Total Crashes
	November 30, 2017 - November 30, 2018			November 30, 2018 - November 30, 2019			November 30, 2019 - November 30, 2020			November 30, 2020 - November 30, 2021			November 30, 2021 - November 30, 2022			5-Year Totals			
Front to Front	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2.6%
Front to Rear	1	0	1	3	1	4	3	0	3	1	3	4	2	0	2	10	4	14	36.8%
Angle	3	1	4	2	0	2	2	0	2	0	1	1	2	1	3	9	3	12	31.6%
Sideswipe, Same Direction	0	0	0	0	0	0	0	0	0	3	0	3	3	0	3	6	0	6	15.8%
Sideswipe, Opposite Direction	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	2.6%
Not a Collision Between Two Vehicles	1	0	1	2	0	2	0	0	0	0	0	0	0	0	0	3	0	3	7.9%
Unknown	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
Other	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	2.6%
<b>Total</b>	<b>6</b>	<b>1</b>	<b>7</b>	<b>7</b>	<b>1</b>	<b>8</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>10</b>	<b>7</b>	<b>1</b>	<b>8</b>	<b>31</b>	<b>7</b>	<b>38</b>	<b>100.0%</b>

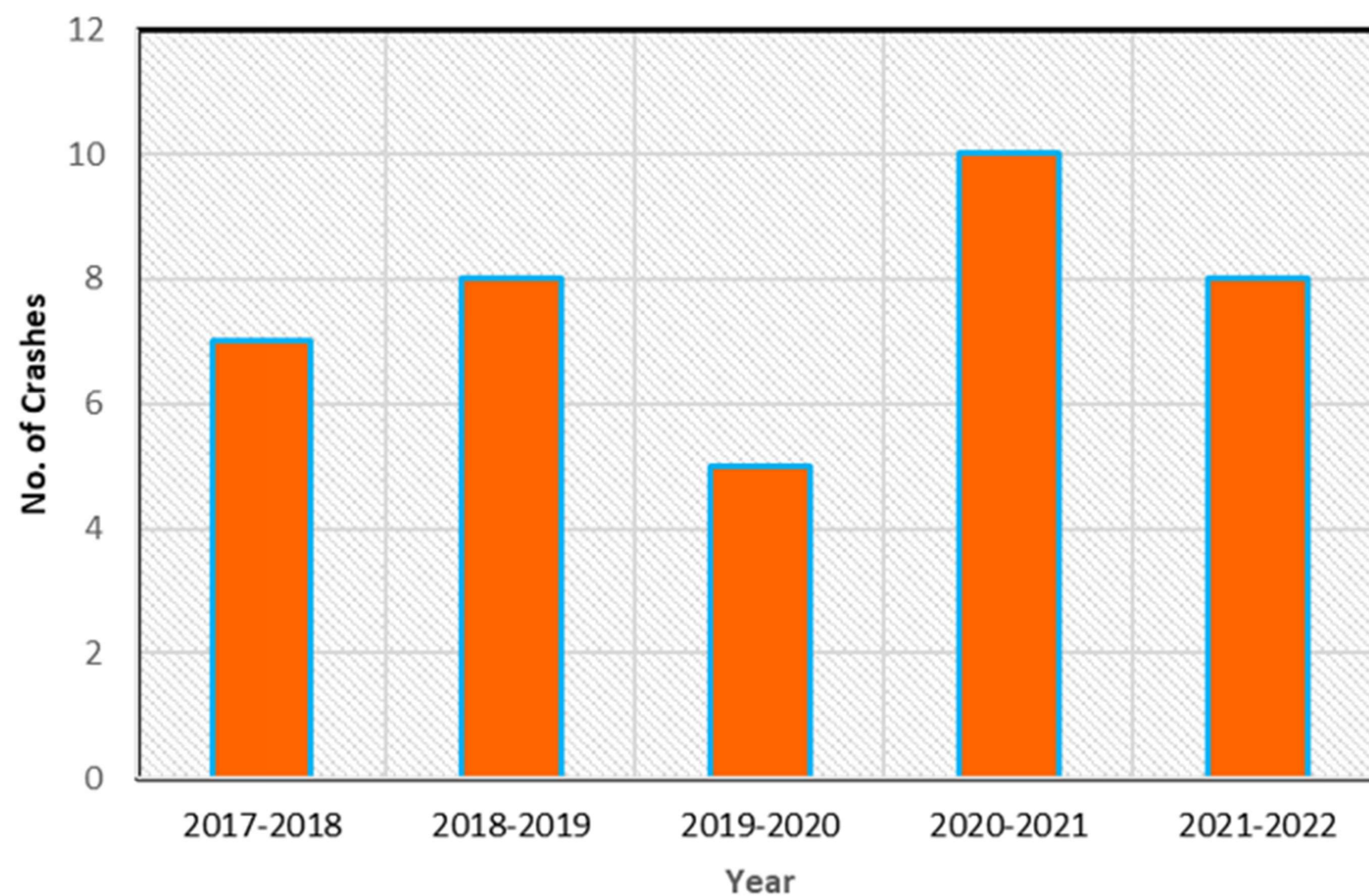


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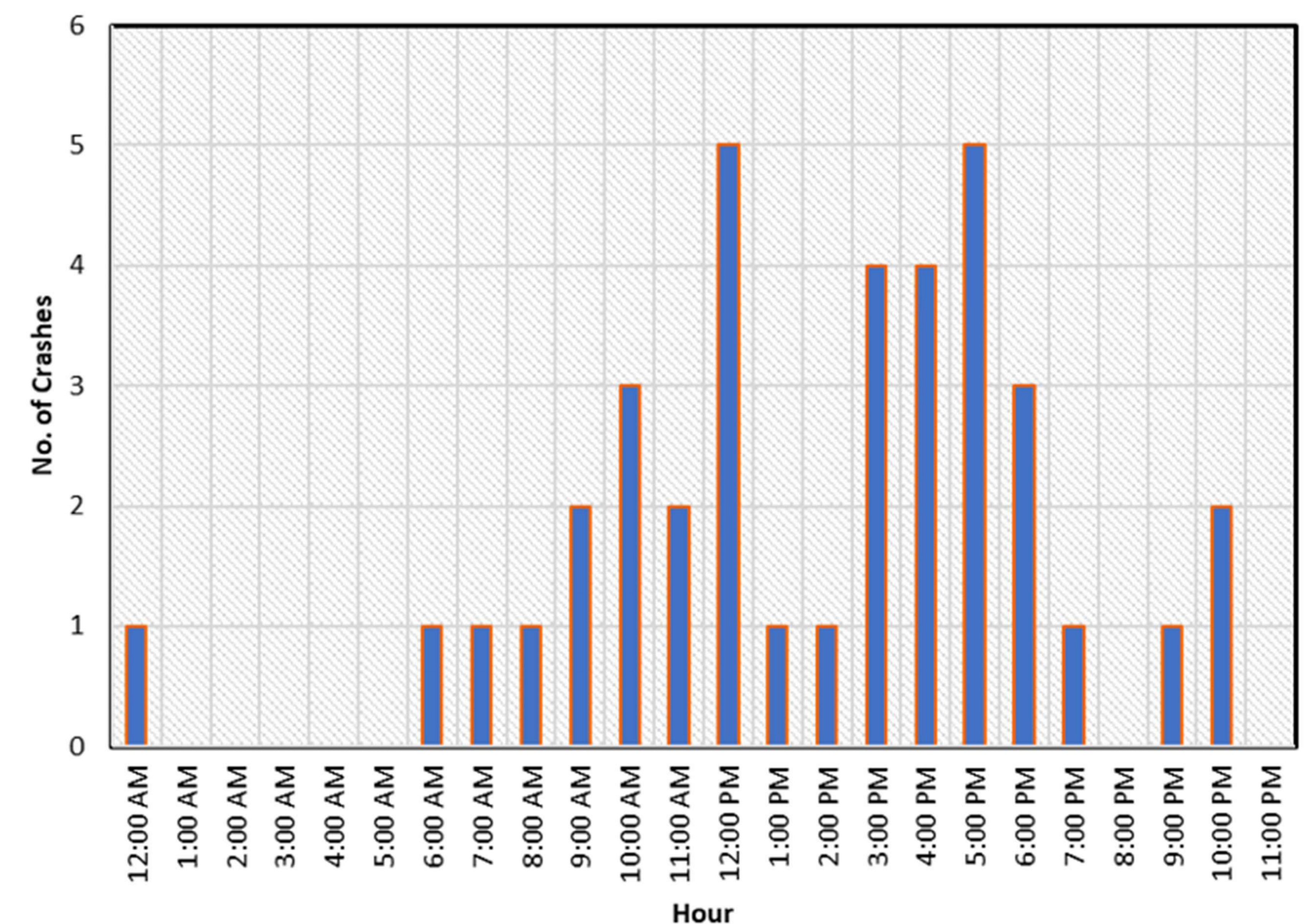
## Crash Data

### Wheatleys Pond Rd & Smyrna / Clayton Blvd

Annual Crashes



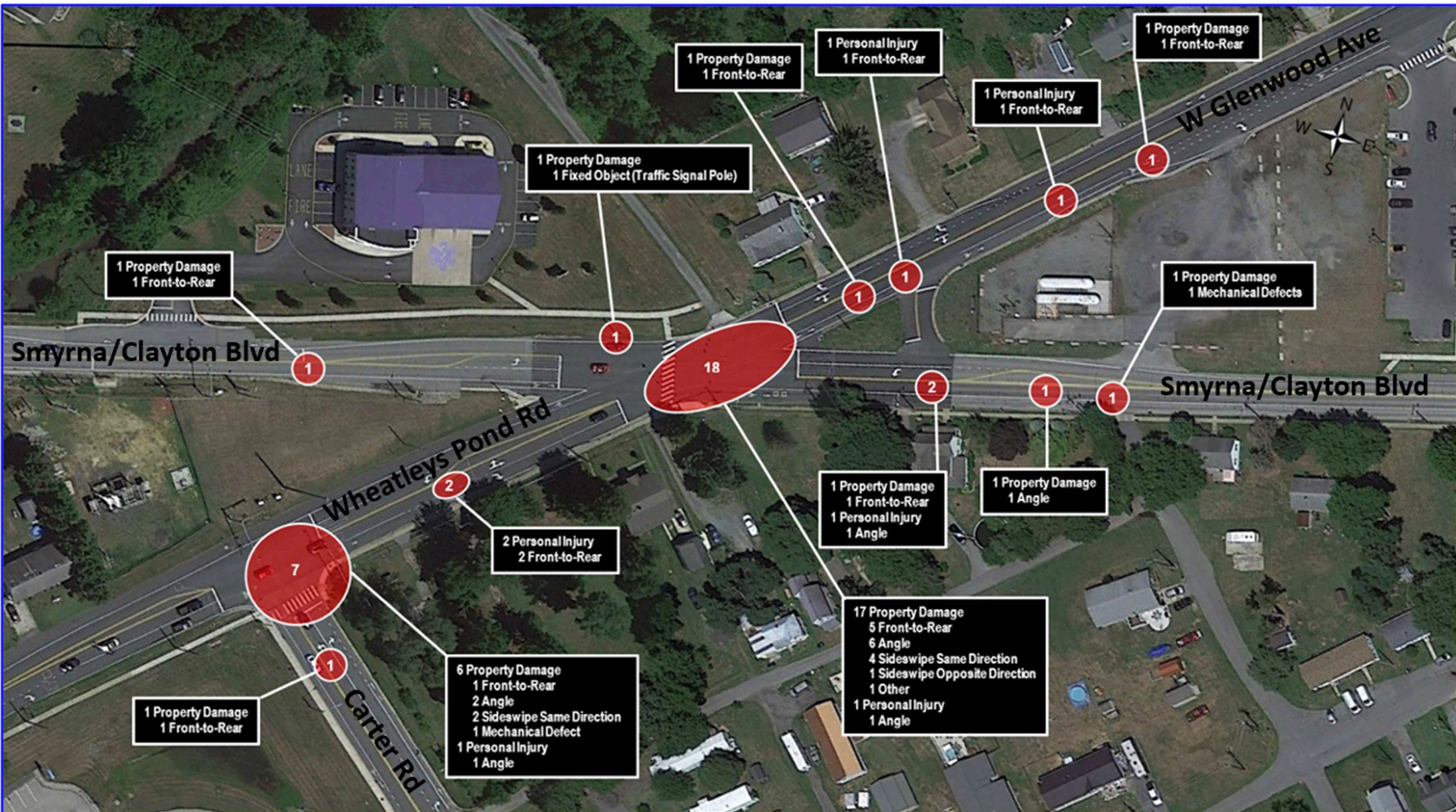
Five-Year Time-of-Day Crashes



Crash Data 11/30/2017 – 11/30/2022



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## Schedule

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Data Gathering	November 2022
Traffic Counts	November 2022
Progress Meeting with Town	December 2022
PAC/TAC Public Engagement Strategy	December 2022

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Public Workshop 1	January 30, 2023
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Alternatives Development	February 2023
Public Workshop 2	March 2023
Draft Recommendations Report	April 2023
PAC/TAC Presentation	June 2023
MPO Council Presentation	July 2023
Final Recommendations	July 2023

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