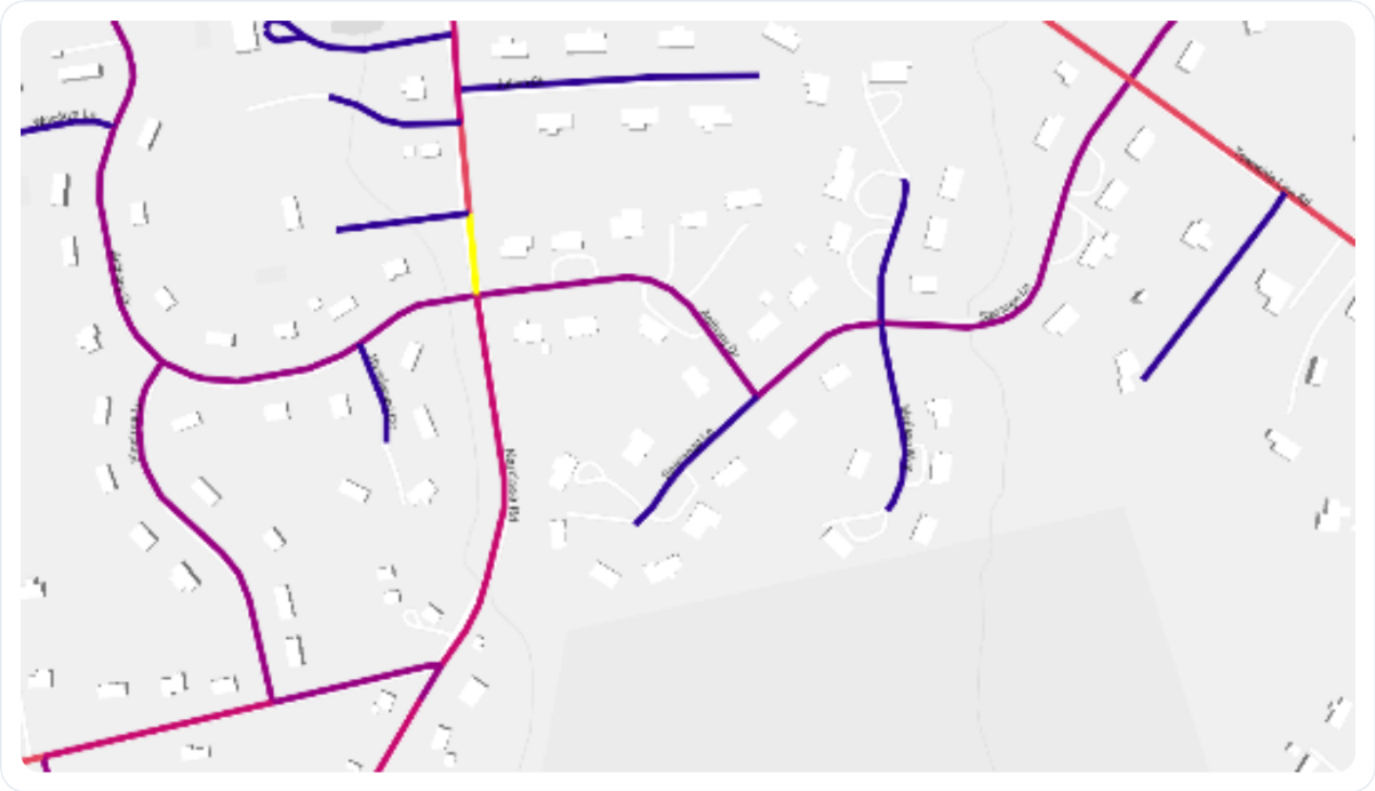


Traffic Analysis Report

Narcissa Rd (1322791491)

Organization: **Plymouth Township, PA**

This report analyzes Avg. Speed for Narcissa Rd (1322791491) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	1322791491
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.04 miles
Road Name	Narcissa Rd
Speed Limit	25 MPH
Speed Limit Source	Custom

Overview

This report analyzes Avg. Speed for Narcissa Rd (1322791491) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

SPEED LIMIT 25 MPH	/ / DIFF
Average	**35 / +10**
50th	**35 / +10**
85th	**39 / +14**
95th	**41 / +16**

Trends & Summary

The analysis of traffic speed data for Narcissa Rd in Plymouth Township during December 2025 reveals several noteworthy trends based on the heatmap and average speed metrics.

Weekly Patterns

The average speed across the week shows a consistent pattern, with minor fluctuations. The average speeds recorded are as follows:

- **Sunday**: 34.7 MPH
- **Monday**: 35.6 MPH
- **Tuesday**: 34.9 MPH
- **Wednesday**: 35.7 MPH (highest average)
- **Thursday**: 35.3 MPH
- **Friday**: 34.4 MPH
- **Saturday**: 35.1 MPH

This data indicates that midweek, particularly Wednesday, experiences the highest average speeds, while Friday shows the lowest. The overall average speed for the week is approximately 35 MPH, which exceeds the posted speed limit of 25 MPH by a significant margin.

Hourly Trends

The heatmap analysis categorizes the data into seven periods throughout the day, revealing distinct trends:

- **Overnight (Period 1)**: Speeds average around 34-35 MPH.
- **Early Morning (Period 2)**: Speeds remain stable at 35 MPH.
- **AM Peak (Period 3)**: A slight increase to 36-37 MPH, indicating higher traffic volumes.
- **Midday (Period 4)**: Speeds stabilize around 36 MPH.
- **Early Afternoon (Period 5)**: Consistent speeds at 36 MPH.
- **PM Peak (Period 6)**: Speeds drop slightly to 34-35 MPH, likely due to increased congestion.
- **Evening (Period 7)**: Speeds average around 34-35 MPH.

Directional Insights

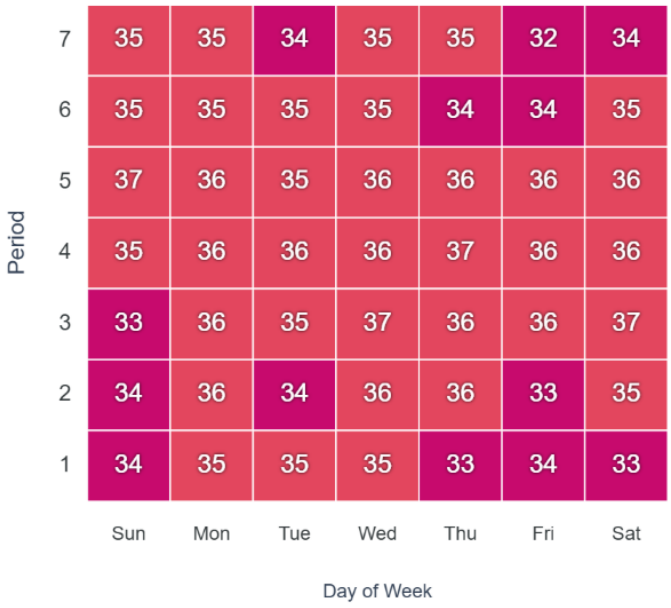
The data is aggregated, but the average speeds suggest that traffic flows consistently above the speed limit in both directions. The 85th percentile speed reaches 39 MPH, indicating that a significant portion of vehicles are traveling at speeds that could be considered unsafe given the posted limit.

Conclusion

The traffic speed data for Narcissa Rd indicates a trend of consistently high speeds throughout the week, with midweek peaks and slight reductions during peak traffic hours. The average speeds significantly exceed the speed limit, suggesting a need for ongoing monitoring and potential interventions to enhance compliance with speed regulations.

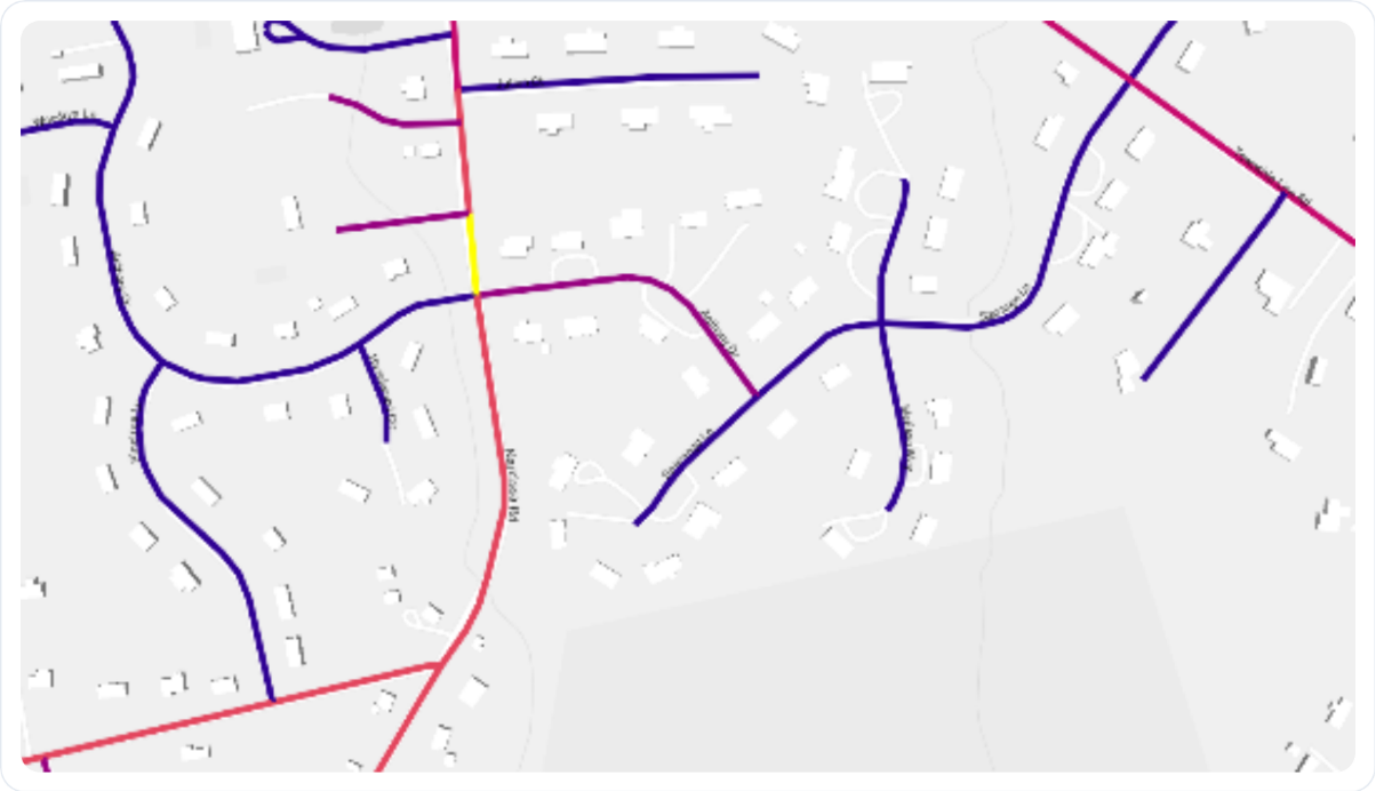
Trends

Average Speed Breakdown



PERIOD LEGEND

1. Overnight: 12:00am-3:59am
2. Early Morning: 4:00am-6:59am
3. AM Peak: 7:00am-9:59am
4. Midday: 10:00am-12:59pm
5. Early Afternoon: 1:00pm-3:59pm
6. PM Peak: 4:00pm-6:59pm
7. Evening: 7:00pm-11:59pm



Traffic Analysis Report

Narcissa Rd (1322791491)

Organization: **Plymouth Township, PA**

This report analyzes AAHT for Narcissa Rd (1322791491) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	1322791491
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.04 miles
Road Name	Narcissa Rd
Speed Limit	25 MPH
Speed Limit Source	Custom

Overview

This report analyzes AAHT for Narcissa Rd (1322791491) during 2025-12. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

134 Vehicles / Hour
AAHT

Trends & Summary

The traffic volume data for Narcissa Rd in Plymouth Township reveals several notable trends across different days of the week and times of day. The analysis focuses on the annual average hourly traffic (AAHT) and the distribution of traffic volumes throughout the week.

Weekly Traffic Patterns

1. **Peak Days**: - **Tuesday** shows the highest average traffic volume, peaking at **201 vehicles/hour** during the AM peak period (3). - **Wednesday** and **Thursday** also exhibit high volumes, with averages of **230** and **223 vehicles/hour**, respectively. This indicates a mid-week surge in traffic, likely due to commuter patterns.

2. **Lowest Traffic Days**: - **Sunday** consistently records the lowest volumes across most periods, particularly in the early morning (2) with only **8 vehicles/hour**. This suggests reduced activity on weekends, aligning with typical traffic trends where weekdays see more commuter traffic.

Hourly Breakdown

- **AM Peak (3)**: The AM peak period (6 AM - 9 AM) shows significant traffic, with volumes exceeding **200 vehicles/hour** on weekdays. This is indicative of morning commutes.
- **Midday (4)**: Traffic remains relatively high during the midday period, averaging around **150 vehicles/hour**, suggesting sustained activity throughout the day.
- **PM Peak (6)**: The PM peak period sees a slight increase in traffic, peaking at **282 vehicles/hour** on Thursdays, indicating a strong return of commuters in the evening.

Overall Trends

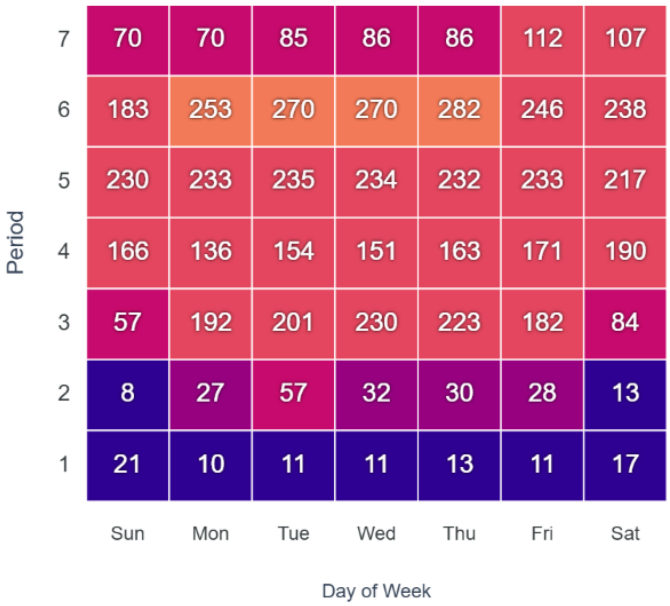
- The average hourly traffic (AAHT) for the location is **134 vehicles/hour**, with a total annual average daily traffic (AADT) of **3000 vehicles**. This suggests that while the road is classified as a local road, it experiences significant use, particularly during peak commuting hours.
- The **evening period (7)** shows a decrease in traffic volume, with averages around **70 vehicles/hour** on Sundays, indicating a drop-off in activity as the week progresses towards the weekend.

Conclusion

The data indicates a clear pattern of increased traffic during weekdays, particularly on Tuesdays through Thursdays, with significant peaks during the morning and evening commute hours. The lower volumes on weekends highlight the impact of commuter behavior on traffic patterns. This analysis can inform future traffic management strategies and infrastructure planning to accommodate peak demand periods effectively.

Trends

Volume Hourly Breakdown



PERIOD LEGEND

1. Overnight: 12:00am-3:59am
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