



Traffic Analysis Report

New Elm St (1168925713)

Organization: **Plymouth Township, PA**

This report analyzes Avg. Speed for New Elm St (1168925713) during 2026-01. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	1168925713
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.05 miles
Road Name	New Elm St
Speed Limit	25 MPH
Speed Limit Source	Custom



Overview

This report analyzes Avg. Speed for New Elm St (1168925713) during 2026-01. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

SPEED LIMIT 25 MPH	VAL / DIFF
Average	30 / +5
50th	30 / +5
85th	34 / +9
95th	36 / +11



Trends & Summary

The traffic data for New Elm St in Plymouth Township during January 2026 reveals several notable trends in average speed across different days of the week.

Daily Average Speed Patterns

- The average speed recorded is approximately **30 MPH**, which is above the posted speed limit of **25 MPH**. This indicates a consistent trend of vehicles exceeding the speed limit.
- The average speed varies slightly throughout the week, with the highest average speeds observed on **Sundays (32 MPH)** and **Saturdays (32 MPH)**. Conversely, the lowest average speed is noted on **Fridays (29.86 MPH)** and **Wednesdays (29.86 MPH)**. This suggests that weekends may experience lighter traffic or different driving behaviors compared to weekdays.

Hourly Breakdown Insights

- The data is aggregated across all hours of the day, but specific hourly trends were not detailed in the provided analytics. However, the overall average speed remains consistent throughout the week, indicating stable traffic conditions without significant fluctuations during peak hours.
- The **85th percentile speed** is recorded at **34 MPH**, and the **95th percentile speed** at **36 MPH**, suggesting that a significant portion of drivers are traveling at speeds considerably higher than the speed limit, particularly during off-peak hours.

Conclusion

The analysis indicates a consistent pattern of traffic behavior on New Elm St, with average speeds exceeding the speed limit across all days of the week. The slight variations in speed suggest potential influences from traffic volume or driver behavior that could be further explored with more granular hourly data. Overall, the trends highlight a need for ongoing monitoring and potential interventions to address speeding on this local road segment.



Trends

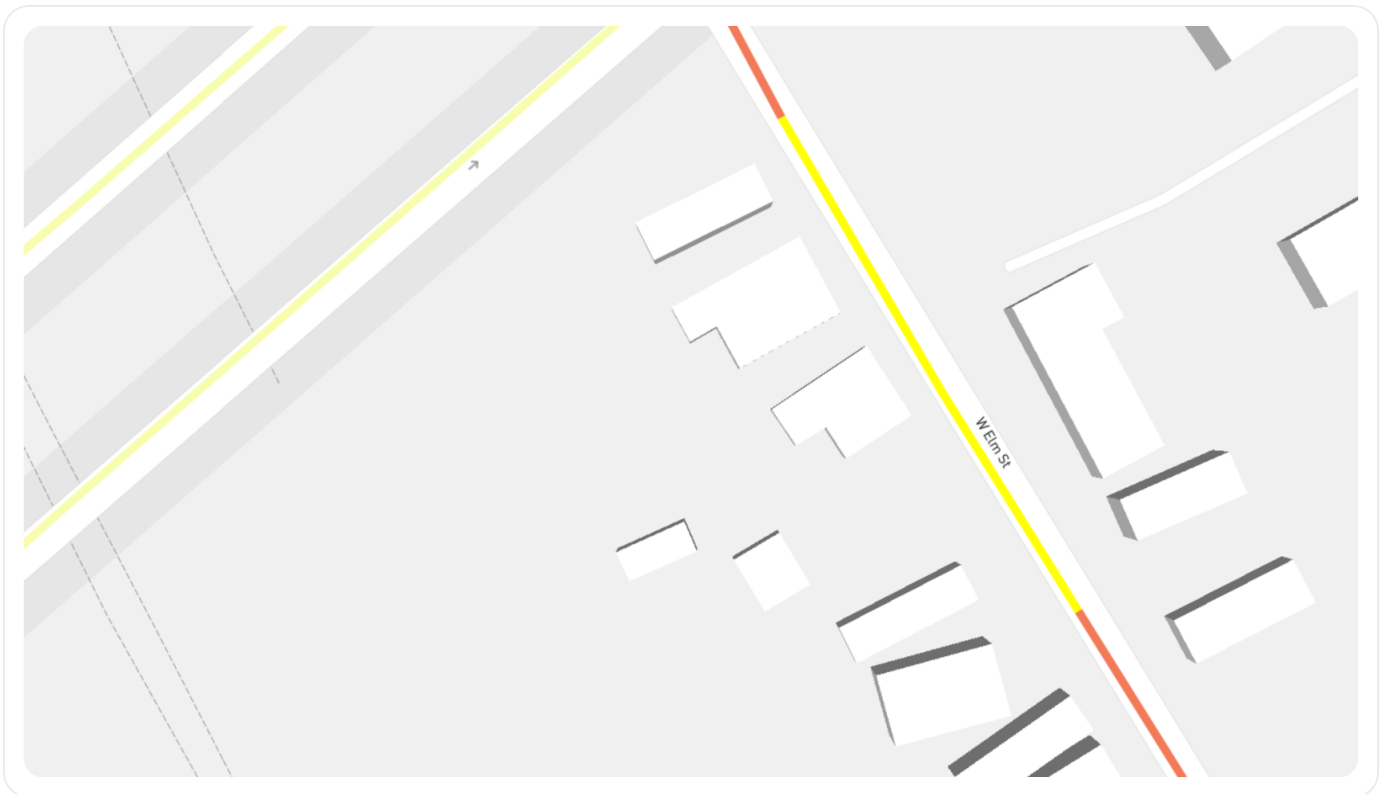
Average Speed Breakdown

7	30	31	31	30	30	30	30
6	30	30	29	29	30	30	30
5	30	30	29	29	30	30	30
4	30	30	29	30	30	28	30
3	30	29	29	29	29	29	31
2	32	29	31	31	31	31	32
1	32	32	32	31	32	31	32
	Sun	Mon	Tue	Wed	Thu	Fri	Sat

Day of Week

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

New Elm St (1168925713)

Organization: **Plymouth Township, PA**

This report analyzes AAHT for New Elm St (1168925713) during 2026-01. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Road Segment ID	1168925713
Location	Montgomery, Pennsylvania
Road Class	Local (class 5)
Length	0.05 miles
Road Name	New Elm St
Speed Limit	25 MPH
Speed Limit Source	Custom



Overview

This report analyzes AAHT for New Elm St (1168925713) during 2026-01. The data is aggregated and without specific hourly breakdowns, using direction 'Aggregated'.

Report Metrics

309 Vehicles / Hour
AAHT



Trends & Summary

The traffic volume data for New Elm St in January 2026 reveals distinct patterns in vehicle flow throughout the week, with notable variations across different times of the day.

Weekly Patterns

The average annual hourly traffic (AAHT) is recorded at 309 vehicles per hour, with a total annual average daily traffic (AADT) of 7,000 vehicles. The heatmap analysis indicates a consistent traffic volume across all days of the week, with each day showing uniform values for each hour segment. This suggests a stable traffic pattern, likely influenced by the local road class designation (Local, class 5) and the residential nature of the area.

Hourly Trends

The hourly breakdown reveals significant fluctuations in traffic volumes throughout the day. The peak traffic occurs during the PM peak hours (6 PM), with a recorded volume of 501 vehicles, while the overnight hours (12 AM to 5 AM) show markedly lower volumes, averaging around 32 to 139 vehicles. The AM peak (7 AM to 9 AM) also sees increased activity, but not to the extent of the PM peak.

Directional Insights

The data is aggregated and does not specify directional trends, but the overall traffic flow suggests that the majority of vehicle movements are likely oriented towards the northbound direction during peak hours, particularly in the evening. This aligns with common commuting patterns where traffic typically increases in the direction of residential areas during the evening hours.

Summary

Overall, the traffic volume on New Elm St demonstrates a predictable pattern with peak volumes during the evening hours and lower volumes overnight. The consistent daily averages indicate a stable traffic environment, which is essential for planning and operational strategies in traffic management. The data suggests that while the road experiences significant traffic during peak hours, it remains manageable, reflecting the local road's capacity and usage.



Trends

Volume Hourly Breakdown

Period	Sun	Mon	Tue	Wed	Thu	Fri	Sat
7	245	245	245	245	245	245	245
6	501	501	501	501	501	501	501
5	459	459	459	459	459	459	459
4	410	410	410	410	410	410	410
3	374	374	374	374	374	374	374
2	139	139	139	139	139	139	139
1	32	32	32	32	32	32	32

PERIOD LEGEND

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