

# Traffic Calming Pilot Initiatives

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## Project Background

City staff has been working in recent years to identify potential ways to mitigate concerns over the speed of traffic traveling through neighborhoods and has subsequently developed the Traffic Calming Guide for Neighborhood Streets in 2019. Based on these guidelines, traffic calming measure(s) could be implemented based on the measured speed of vehicles. The street classification and traffic volume is used to determine the threshold over which the 85<sup>th</sup> percentile speed merits consideration for implementing traffic calming measures. The 85<sup>th</sup> percentile speed is a commonly used measure in traffic analysis and represents the speed at which 85% of all motorists are travelling at or below. For example, if the 85<sup>th</sup> percentile speed is measured to be 31 mph, this means that 85% of all vehicles are travelling 31 mph or less, and 15% of all vehicles are travelling in excess of 31 mph.

The consideration and implementation of traffic calming measures will be based on the procedures given in the Traffic Calming Guide for Neighborhood Streets. Common examples of traffic calming measures recently implemented and piloted are:

- Dynamic Speed Feedback Signs – signage provides a real time display of a vehicle's speed at a location where speeding is documented to be a problem.
- Pavement striping – striping can help control speeds by narrowing the travel lanes to encourage lower speeds.
- All-Way Intersection Stop Sign Control – Requiring all motorists to come to a stop at intersections is a commonly requested measure by local residents to 'slow down' motorists in residential areas. The city has adopted guidance as to the implementation of such requests within the Traffic Calming Guide.



- Rectangular Rapid Flashing Beacons (RRFB's) - These pedestrian activated devices increase motorist awareness of the presence of pedestrians within a crosswalk.

Traffic data is continually being collected before and after the installation of traffic calming measures to determine the efficacy in reducing motorists' speeds, mainly at the location of the device. In 2024, the calming measures in use in Delaware will be evaluated for their efficacy based on data taken at individual installation locations. This data will be used to determine potential updates to how various traffic calming measures are utilized throughout the community.



Any resident or community wishing to initiate the City's consideration of traffic calming measures should refer to the Traffic Calming Guide for Neighborhood Street for more information. This publication is available at the Access Delaware website.

## Project Updates

For project updates and reports, visit the [Access Delaware Facebook page](#). You may also contact us by email at [accessdelaware@delawareohio.net](mailto:accessdelaware@delawareohio.net) for specific questions.