

## PROVEN SAFETY COUNTERMEASURES



**USLIMITS2** 

USLIMITS2 helps
practitioners assess
and establish safe,
reasonable, and
consistent speed limits



Source: Richard Retting

"USLIMITS2 acts as an external, impartial, second set of eyes."

Georgia DOT Traffic Engineer

USLIMITS2¹ is a free, web-based tool designed to help practitioners assess and establish safe, reasonable, and consistent speed limits for specific segments of roadway. It is applicable to all types of facilities,



Source: Missouri DOT

from rural and local roads and residential streets to urban freeways.

USLIMITS2 supports customary engineering studies<sup>2</sup> used to determine appropriate speed limits. These studies typically include evaluating criteria such as 85th percentile speed, traffic volumes, roadway type, roadway setting, number of access points, crash history, pedestrian/bicyclist activity, etc. Similarly, USLIMITS2 produces an unbiased and objective suggested speed limit value based on 50th and 85th percentile speeds, traffic volume, roadway characteristics, and crash data.

Traffic engineers often communicate with the public, community leaders, and government officials to explain the methodology behind setting speed limits. USLIMITS2 provides an objective second opinion and helps support these speed limit decisions. USLIMITS2 augments the credibility of engineering speed studies, helping to address concerns from local government officials and private citizens when speed limits are adjusted.

To begin using USLIMITS2, users create a new project or upload an existing project file for revisions or updates through the online tool. The website contains the user guide, information on the tool's decision logic and related research, and frequently asked questions.

**USLIMITS Speed Zoning Report** Project name: 44 speed Analyst: John Doe Date: 08-14-2017 Basic Project Information Project Number: Project 1 Route Name: US 44 Crash Data Information: Crash Data Years: 0
Crash AADT: N/A
Total Number of Crashes: N/A From: Street A To: Street B State: Alabama Total Number of Injurty Crashes: N/A County: Baldwin County City:" Daphne City
Route Type: Road Sectioin in Undeveloped Traffic Information 85th Percentile Speed: 55 mph 50th Percentile: 45 mph Route Status: Existing AADT: 5000 veh/day Roadway Information Section length: 2 mile(s) Statutory Speed Limit: 55 mph

Users can save their USLIMITS2 project files for future analysis or reviews.

- 1 USLIMITS2 is available free online at <a href="https://safety.fhwa.dot.gov/uslimits/">https://safety.fhwa.dot.gov/uslimits/</a>.
- 2 For more information on setting speed limits based on engineering studies, refer to the *Manual on Uniform Traffic Control Devices*.

→ For more information on this and other FHWA Proven Safety Countermeasures, please visit <a href="https://safety.fhwa.dot.gov/provencountermeasures">https://safety.fhwa.dot.gov/provencountermeasures</a>.

Safe Roads for a Safer Future
Investment in roadway safety saves lives