



Speed Limit Modifications

A Tradition of Stewardship
A Commitment to Service

Today's Recommended Speed Limit Modifications



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Location	Speed Zone Limits	Prevailing Speed (MPH)	To be posted (MPH)
First Ave	Hagen to Lupine Hill	51	45
First Ave	Lupine Hill to Coombsville	45-46	40
East Third Ave	Third Avenue to End	40	35
Hardman Ave	Silverado Trail to Atlas Peak	52	45
McKinley Road	Atlas Peak to End	39	35

How did we get here?



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- February 7th, 2017 Resolution 2017-029 was adopted, approving speed zones
- March 29th, 2017, First Avenue town hall was held to hear neighborhood concerns, action items:
 - Additional information lead to PW agreement to reevaluate the study
 - “Conditions not readily apparent”
 - New Speed studies 3/30 and 4/21
 - Curve warning signs
 - Checked hill visibility
- Results completed 4/28

Engineering & Traffic Surveys



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- CVC Section 627
 - Prevailing speed
 - Collision records (CHP)
 - Conditions not readily apparent to drivers
- MUTCD Section 2B.13
 - Nearest 5-mph increment to prevailing speed
 - May be reduced 5 mph*

Legal Requirements



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- Rational and Defensible vs. history and experience of neighborhood
 - Rational and Defensible: we need data to back up our recommendation
 - Best situation for residents while conforming to laws
- Maximum allowed by vehicle code:
 - Round down from prevailing speed (1-2 MPH), then 5 MPH reduction. This is already more of an allowed reduction than most other states

Why can't we reduce more than 5MPH?



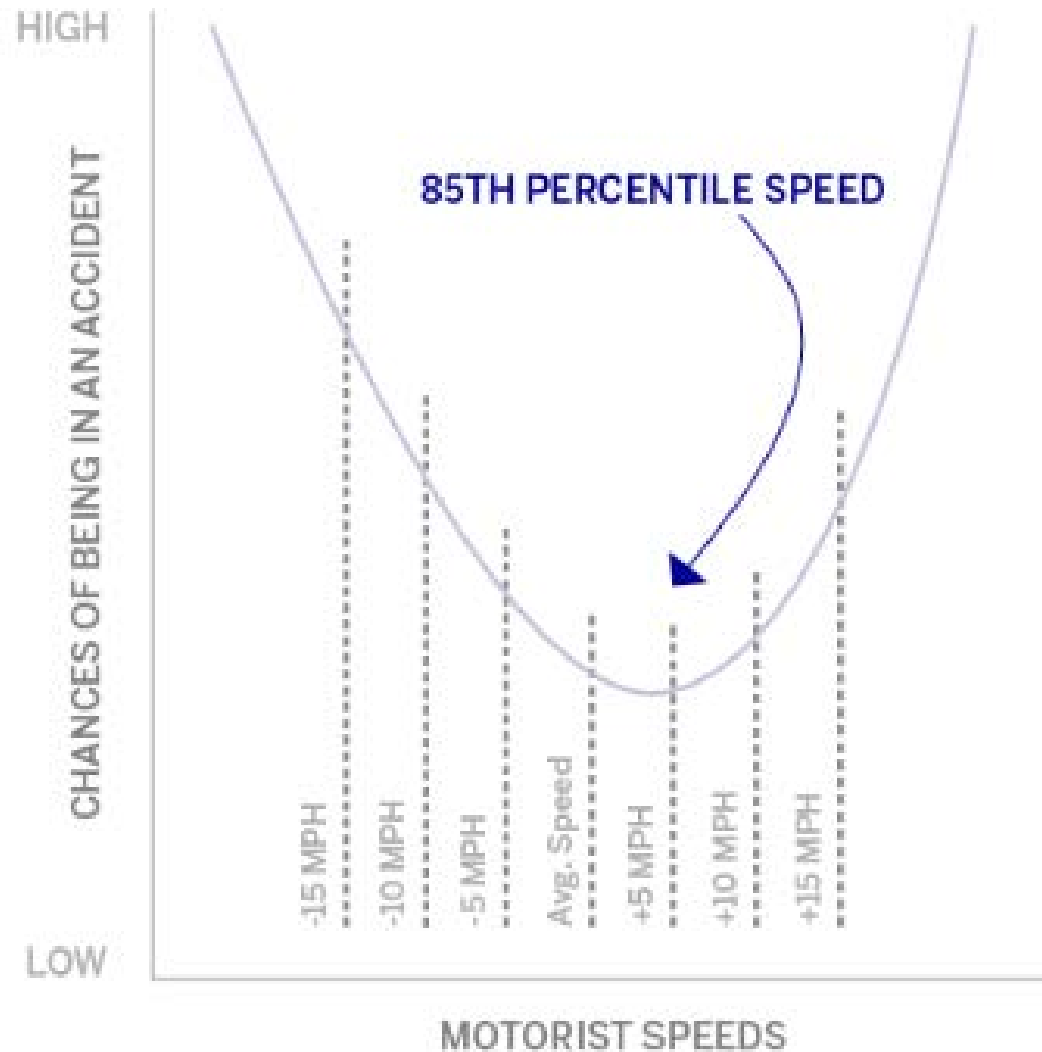
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- Speed limit has little effect on prevailing speed.
- Variability in speed more dangerous than higher speed
- Expectations and awareness of drivers: comfort vs. caution
- Speed limit sets design of signs,
- striping, guardrail, sight distance
- Uniformity between jurisdictions
- FHWA-RD-92-084, FHWA-RD-98-154

Why can't we reduce more than 5MPH?



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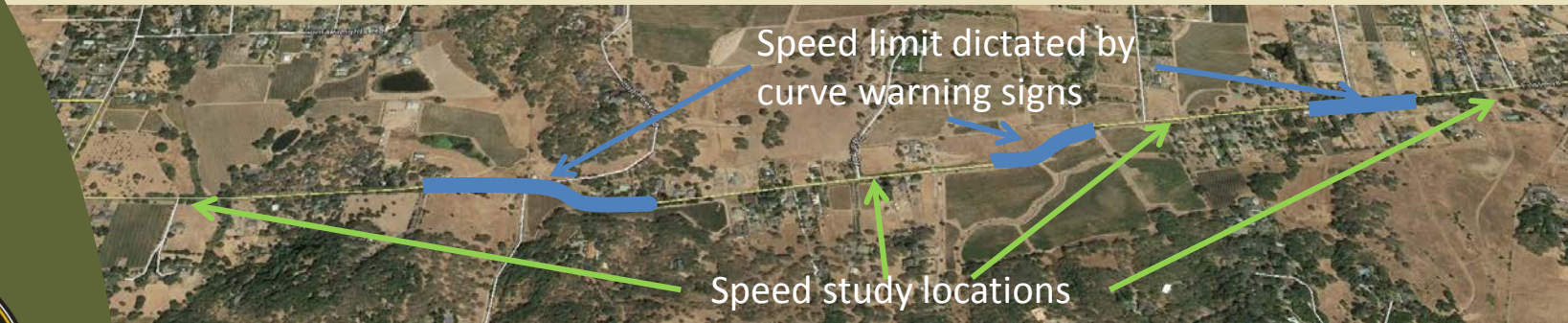


Source: "Speed Zoning on Texas Highways", State Department of Highways and Public Transportation, Austin Texas

Engineering & Traffic Study



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Location	Posted Speed (MPH)	Prevailing Speed (MPH)	To be posted (MPH)
S/o Hagen	50	51	45
S/o Lupine Hill	50	45	40
S/o North	40	45	40
S/o Heinke	50	46	40

Note: additional warning zone for hill to be posted with 25MPH advisory speed

5 Mile-Per-Hour Reduction



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Readily Apparent

- Pavement condition
- Roadway curvature
- Width
- Grade
- Roadway profile

Not Readily Apparent

- Residents have to cross the street for mailbox and trash use
- Must be a condition that cannot be made visible with warning signs
- *most decisive evidence in collision history

Engineering & Traffic Study Modifications



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Continue to monitor accident records, changing conditions, accident analysis at 1 year

Questions?



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