

# How Fast is TOO FAST?

A discussion on the

*Need for Speed*

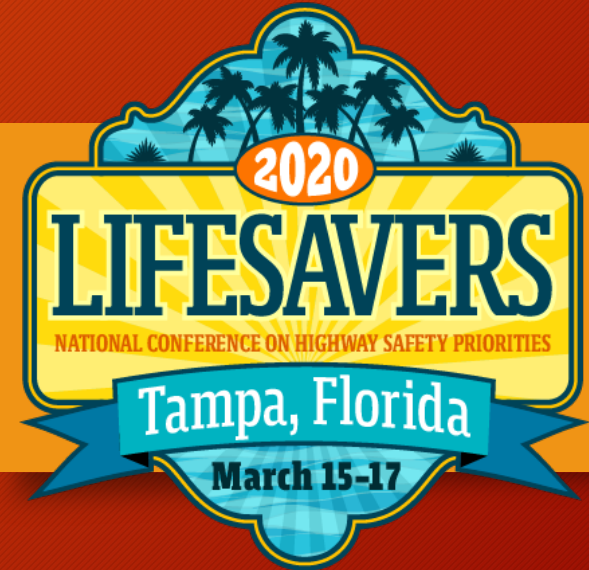
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# Love/Hate Relationship





9 you're fine - 10 you're Mine!





# Did you know?



*Most Speed Related Crashes occur on roads with Speed Limits under 50MPH.*



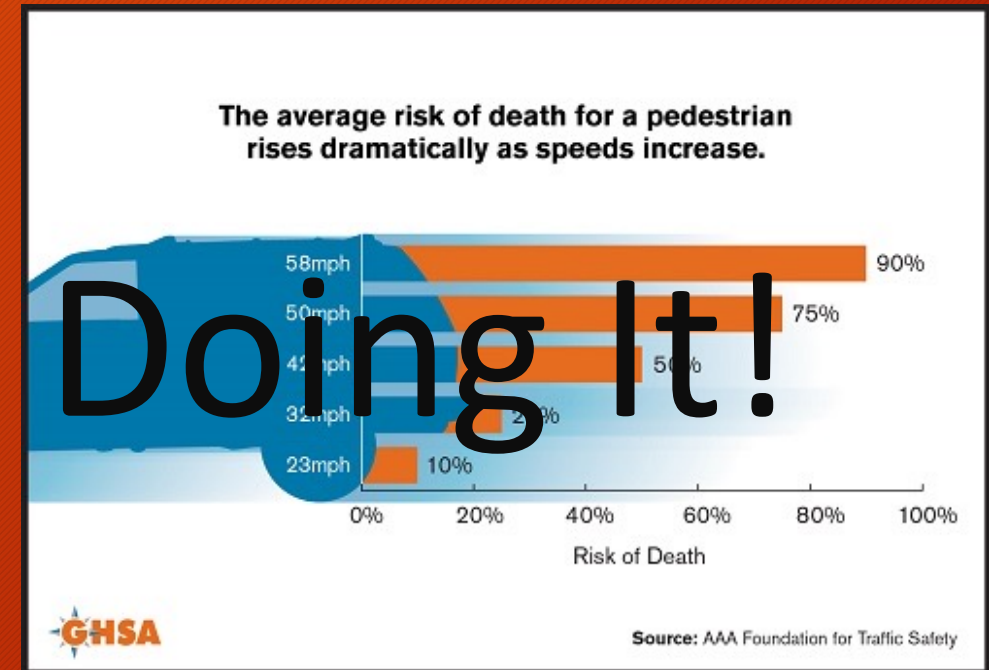
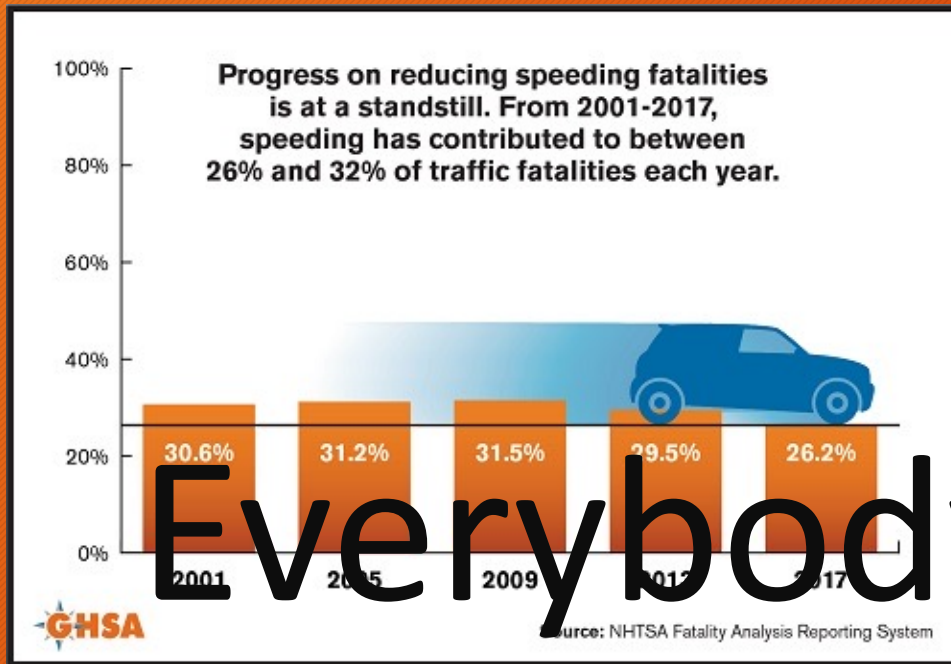
# It's Speed not Speeding

If you speed:

- 1 You have less time to avoid crashes
- 2 You have less control over the vehicle
- 3 It lengthens your stopping distance
- 4 It increases the likelihood of crashing and
- 5 increases the severity of the crash



# GHSA Report Speeding Away from Zero





# But Not Me?





# Have you ever ....

- Have you ever run a yellow light?
- Have you ever weaved between lanes to be at the head of traffic?
- Have you ever driven 5 MPH or more over the speed limit?
- Have you ever been angry or upset thinking traffic was moving too slow for your liking?
- Have you ever tried to beat your arrival time on your GPS?



From the movie Starman, 1984





*How Fast is TOO Fast*

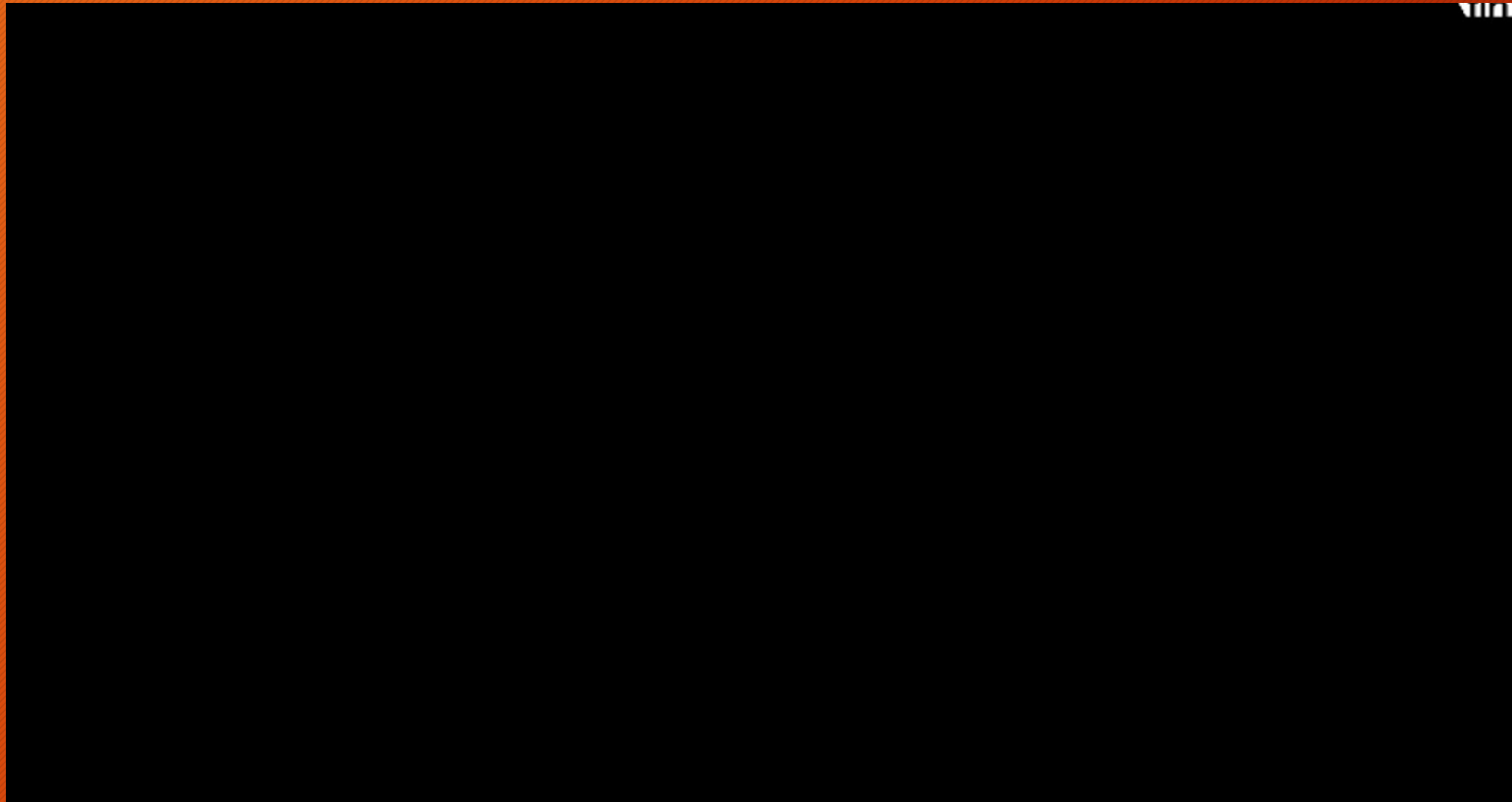
Can Reducing your speed by  
just 3 mph make a difference?



# Yes!

6 meters = 20 feet  
Hit at 32 kph = 20 mph  
p/r 65 kph = 40 mph  
60 kph = 37 mph  
5 kph = 3 mph

20 is plenty!



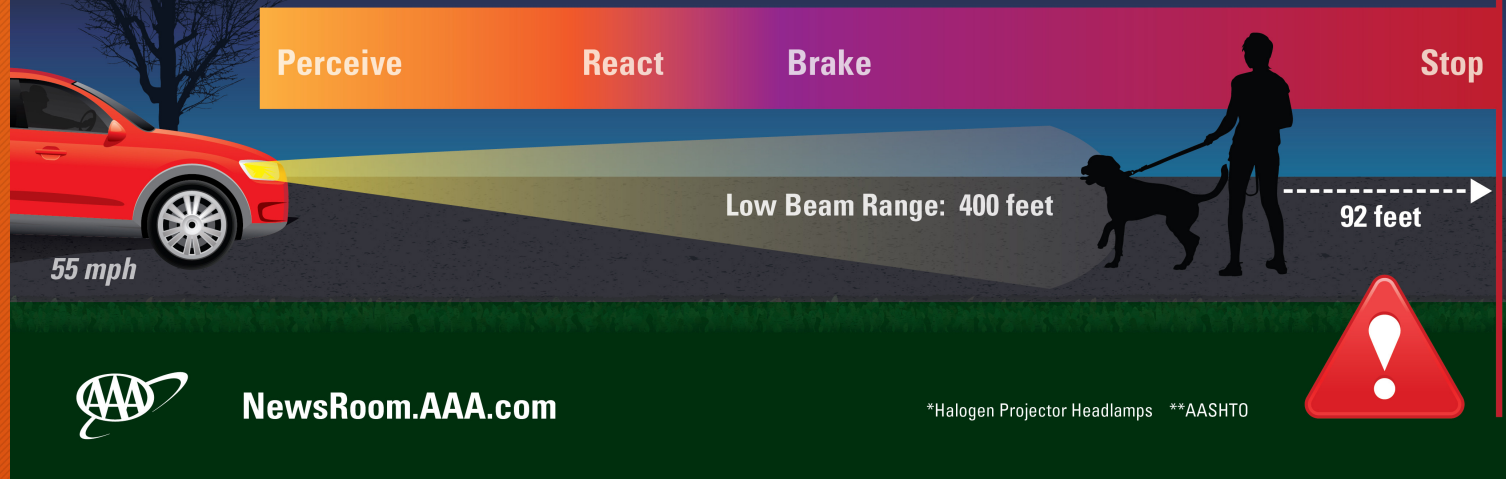


# Overdriving your Headlights

**AAA testing found that, at speeds greater than 45 mph,\* headlights may fail to safely illuminate unlit roadways.**

*By the time the driver sees something, or someone, in the roadway, it may be too late to stop.*

Stopping  
Sight  
Distance\*\*  
492 feet





# Are You a Safe Driver?





How much time do you Really Save?





## 30-Mile Trip at different speeds

- 55 miles per hour
  - 32.7 minutes
- 65 miles per hour
  - 27.7 minutes (5 minutes saved)
- 75 miles per hour
  - 24 minutes (8.7 minutes saved)



# Do the Math

- Formula:  $\text{Distance}/\text{mph} \times 60$  (minutes)
- Example:  $30/75 = .4 \times 60 = 24$  minutes
- This math assumes you can maintain a constant speed without slowing down for traffic, signals or curves in roads.



# Reality is ...

In reality, you'd probably save only 4 minutes, at best. And keep in mind, most trips are short.

The average time saved on a 5-mile trip, driving 65 mph on a 45 mph posted road, is only

**1.9 minutes.**



We are killing ourselves with

**Maximum Effort - Little Reward**

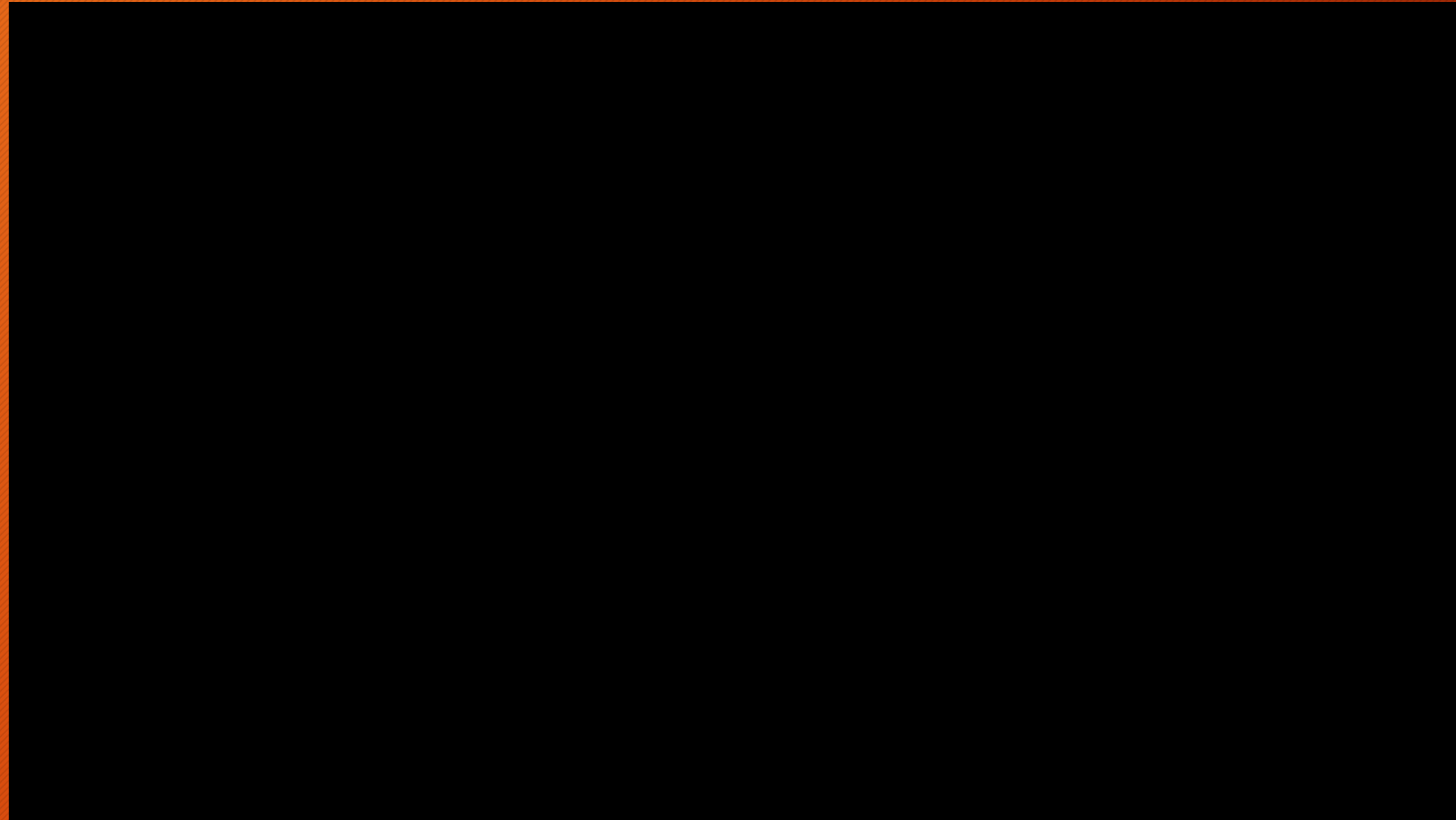


What is the

Phantom Traffic Jam?

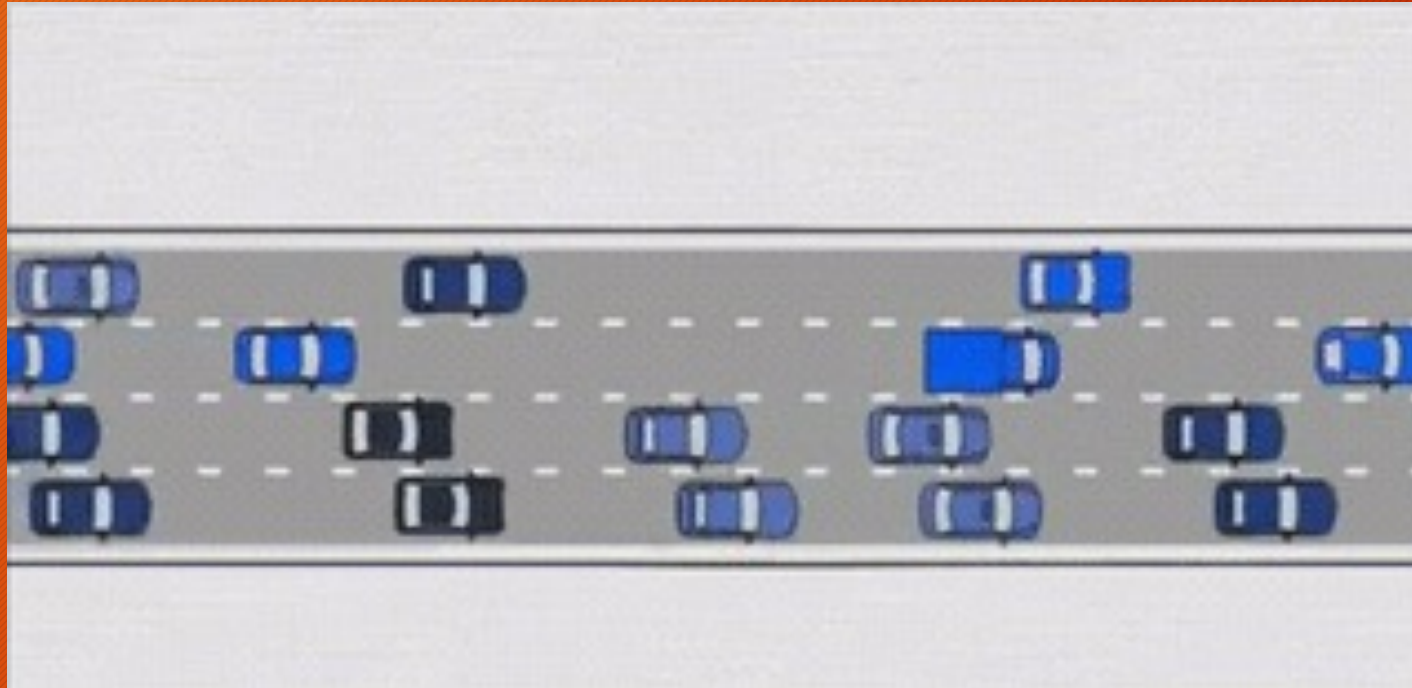


# The Phantom Traffic Jam





# Cascading Failure





# What it looks like in Real Life





# Who Me?



Drivers know speeding is dangerous, yet don't believe they will:

- Get a ticket
- Cause a crash
- Violate social norms

**GHSA**

Source: NHTSA Fatality Analysis Reporting System

**“Yes, Mr Police Officer. I did see the speed limit. I just didn’t see you.”**



# When it comes to Speed - Drivers Worry More About Getting Caught than Getting Hurt



*The Best Safety Device is a Rear View Mirror with a Cop in it. -Dudley Moore*



# Tortoise or the Hare?





# Slow and Steady Wins the Race





Your Speed Does Not Matter -  
Forward is Forward

*Festina Lente!*

Please Drive Safely  
Thank You

