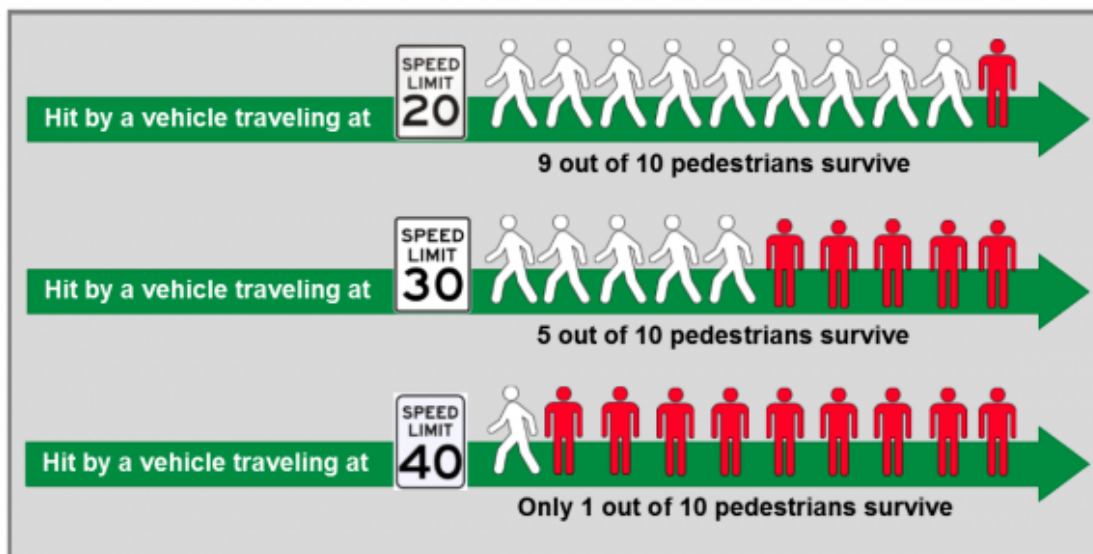


How Effective Are Radar Speed Signs?

Studies have proven that slowing traffic down will greatly reduce the chances of a fatal accident involving pedestrians and automobiles. **A pedestrian hit by a car at 40 mph has a 90% fatality rate; at 20 mph the fatality rate decreases to 10%.** As you can see in the graph below, just a small reduction in speed has a dramatic effect on whether those involved live or die.



Radar speed signs are a proven traffic calming solution to raise the speed awareness of oncoming drivers. Studies repeatedly show that when alerted by a radar sign, speeders WILL slow down up to 80% of the time. Typical average speed reductions are 10-20%, and overall compliance with the posted speed limit will increase by 30-60%.

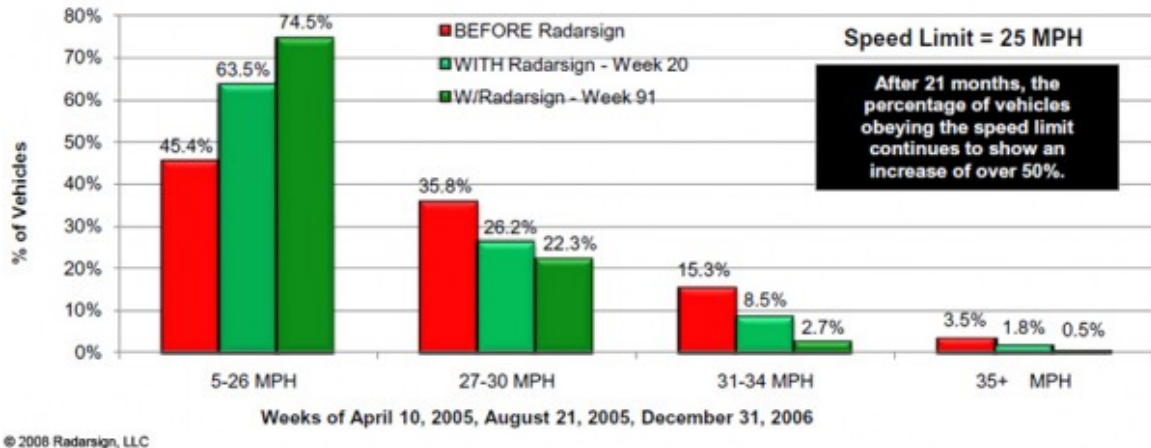
The charts below demonstrate the effectiveness of radar speed signs with historical data and the resulting impact from actual radar sign locations:

- [Radar Signs Show Decline in Average Speeds](#)
- [Radar Signs Show Shift of Peak Speeds to Lower Speeds](#)
- [Radar Signs Show Speed Limit Compliance At Plant Entrance](#)
- [Radar Signs Show Long Term Reduction In Speeding Drivers](#)
- [Radar Signs Show Long Term Reduction In Average Speeds](#)

Decline in Average Speeds

After 21 months of operation, the radar speed sign continues to be effective in reducing the average speeds in a 25MPH neighborhood cut-through street.

Average Vehicle Speeds: By MPH Segments

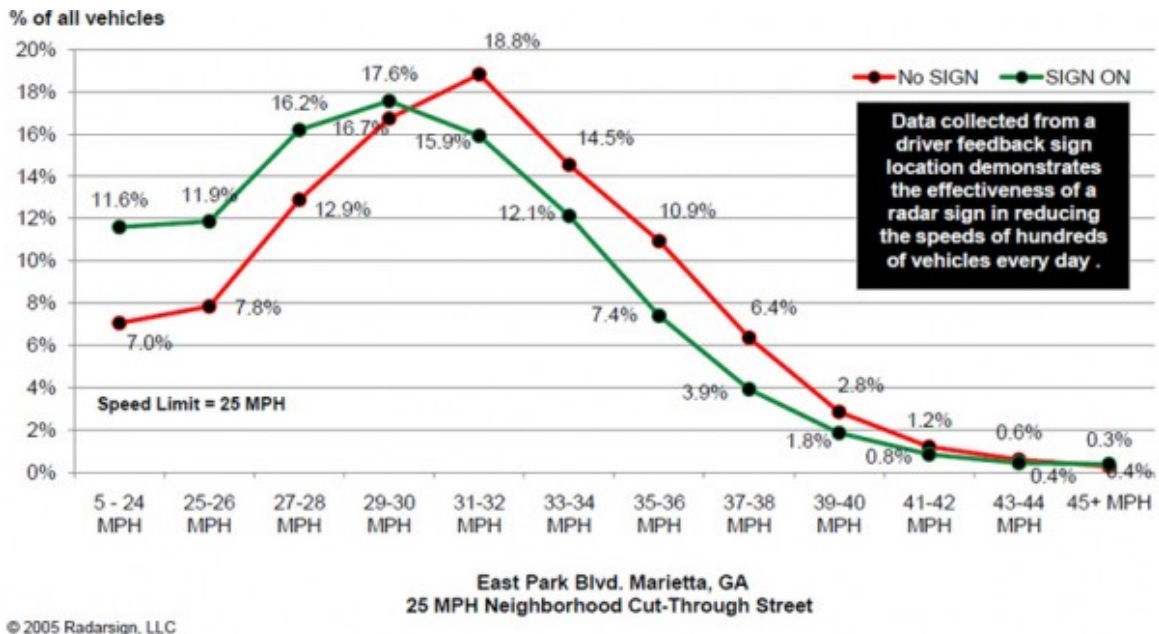


[Top of Page](#)

Shift of Peak Speeds to Lower Speeds

Six months of operation of a radar speed sign on a neighborhood cut through street demonstrates the effectiveness of the sign in lowering peak speeds to lower speeds.

Peak Speed Shifts: By MPH Segments

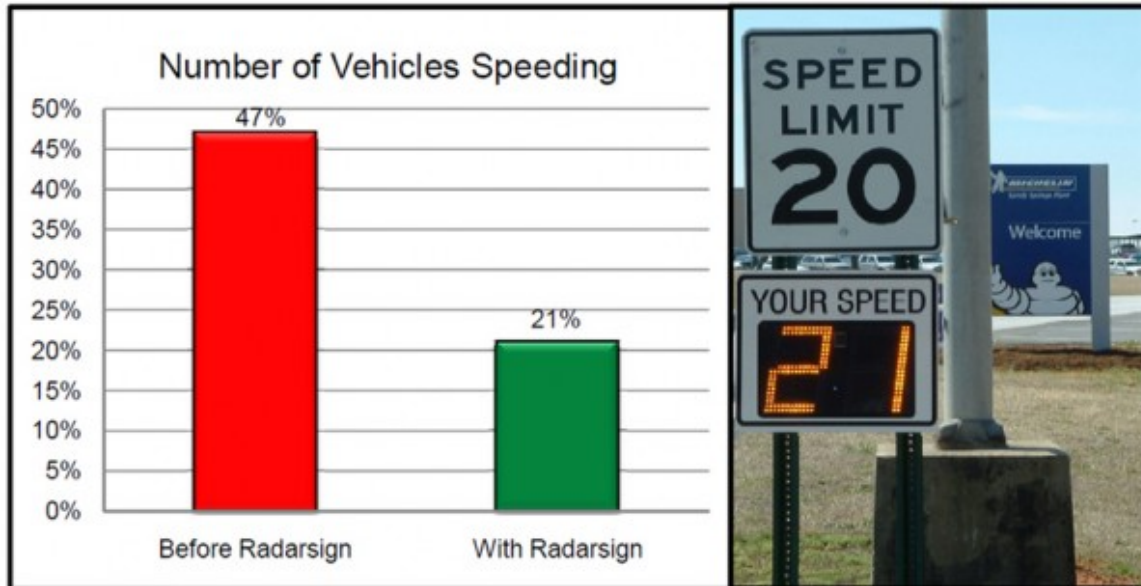


[Top of Page](#)

Speed Limit Compliance At Plant Entrance

1.5 years of radar speed sign operation at a plant entrance shows 55% more vehicles obeying posted speed limit (PSL).

Radar Sign Reduces Speeding At Plant By 55%!



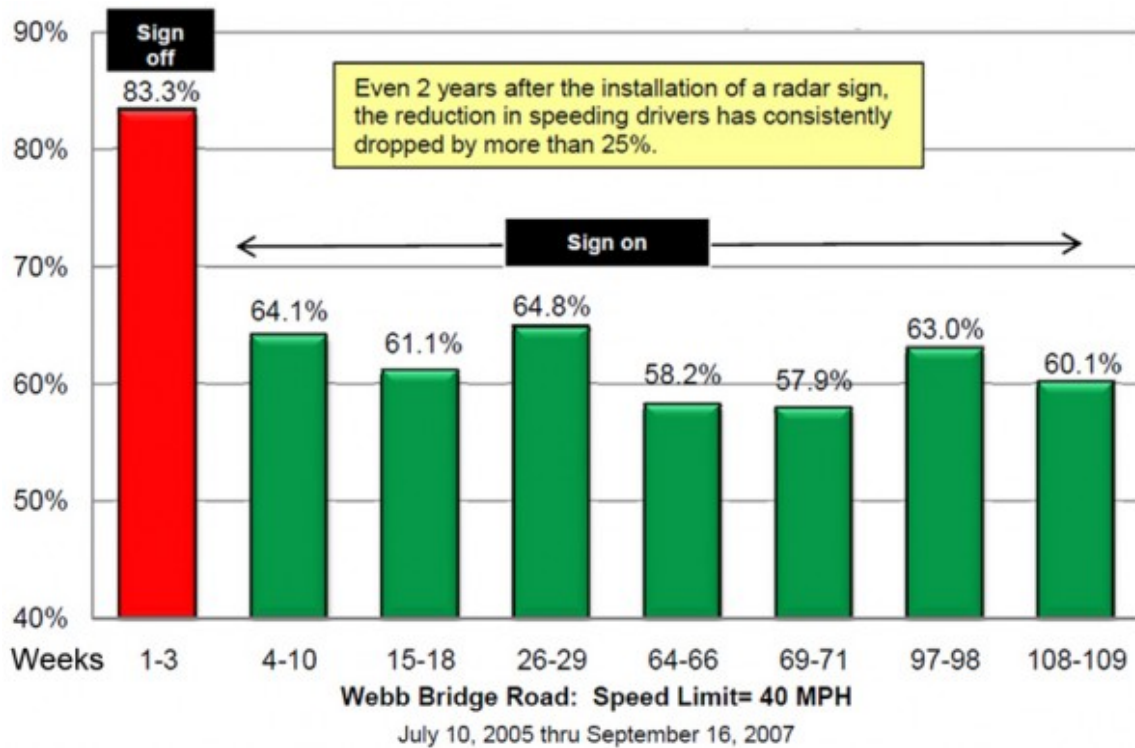
Period of performance: 1.5 years
Average vehicle count per day: 1000
Of remaining speeding vehicles, 95% are in the 21-25 MPH range

[Top of Page](#)

Long Term Reduction In Speeding Drivers

2 years of radar sign operation on a 40 MPH arterial street shows consistent, long-term reduction of speed.

Percent of Vehicles Speeding

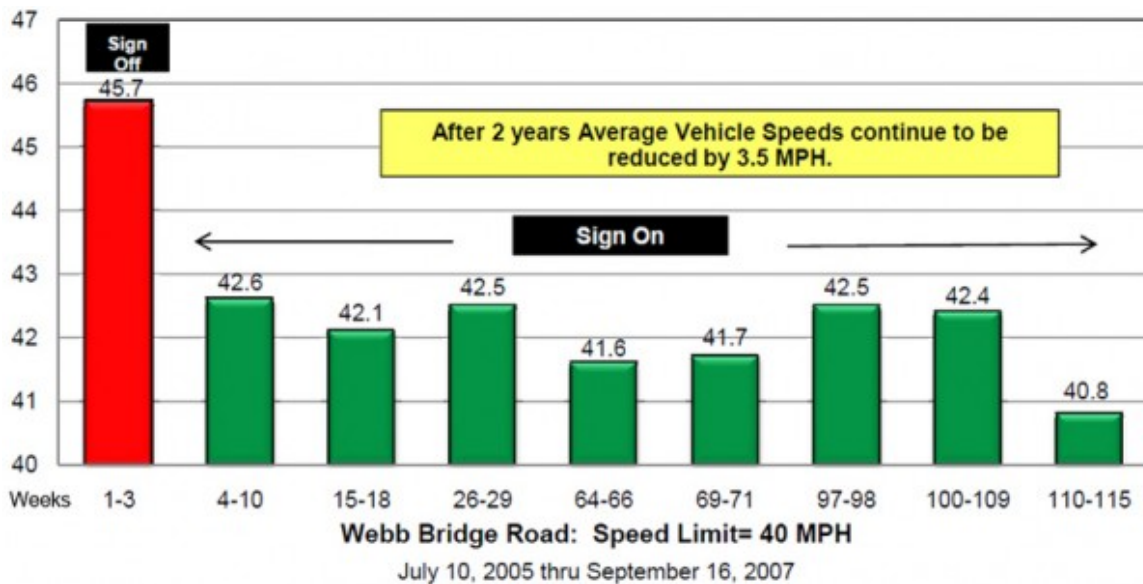


[Top of Page](#)

Long Term Reduction In Average Speeds

2 years of radar sign operation on a 40 MPH arterial street shows average speeds maintain drop of 3.5 MPH.

Weekly Average Speeds



[Top of Page](#)

If you like this, share it

©2017 Radarsign – Radar Speed Signs All rights reserved.