

Automated Speed Enforcement in Vermont

Mario Dupigny-Giroux, P.E.

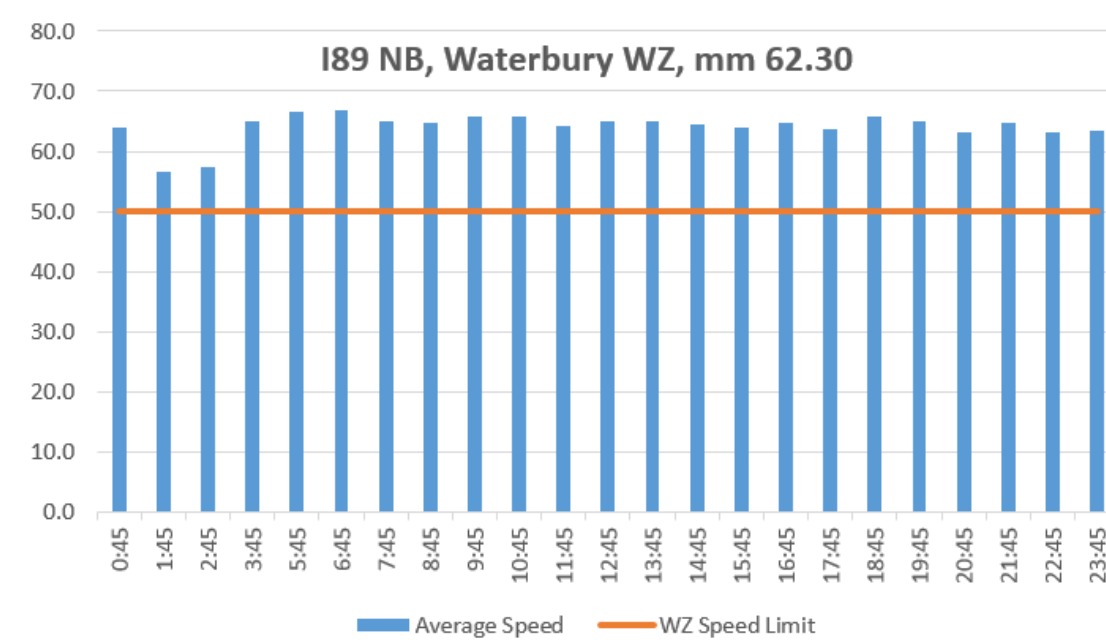
VTrans - Highway Division – Office of Highway Safety

What We Are Trying To Solve

Differences in speeds increase the chance of crashes happening

Work Zones

Misconception that posting lower speed limit signs & speed feed back signs will actually reduce drivers' speeds



Safety Corridors

South Burlington-Colchester, I-89 (Exits 12-16)

- Crashes Since 2010: 805
- 96.2 % Driving 10+ MPH over 55 MPH speed limit SB

Advance the Use of Technology to Manage and Enforce Speeds

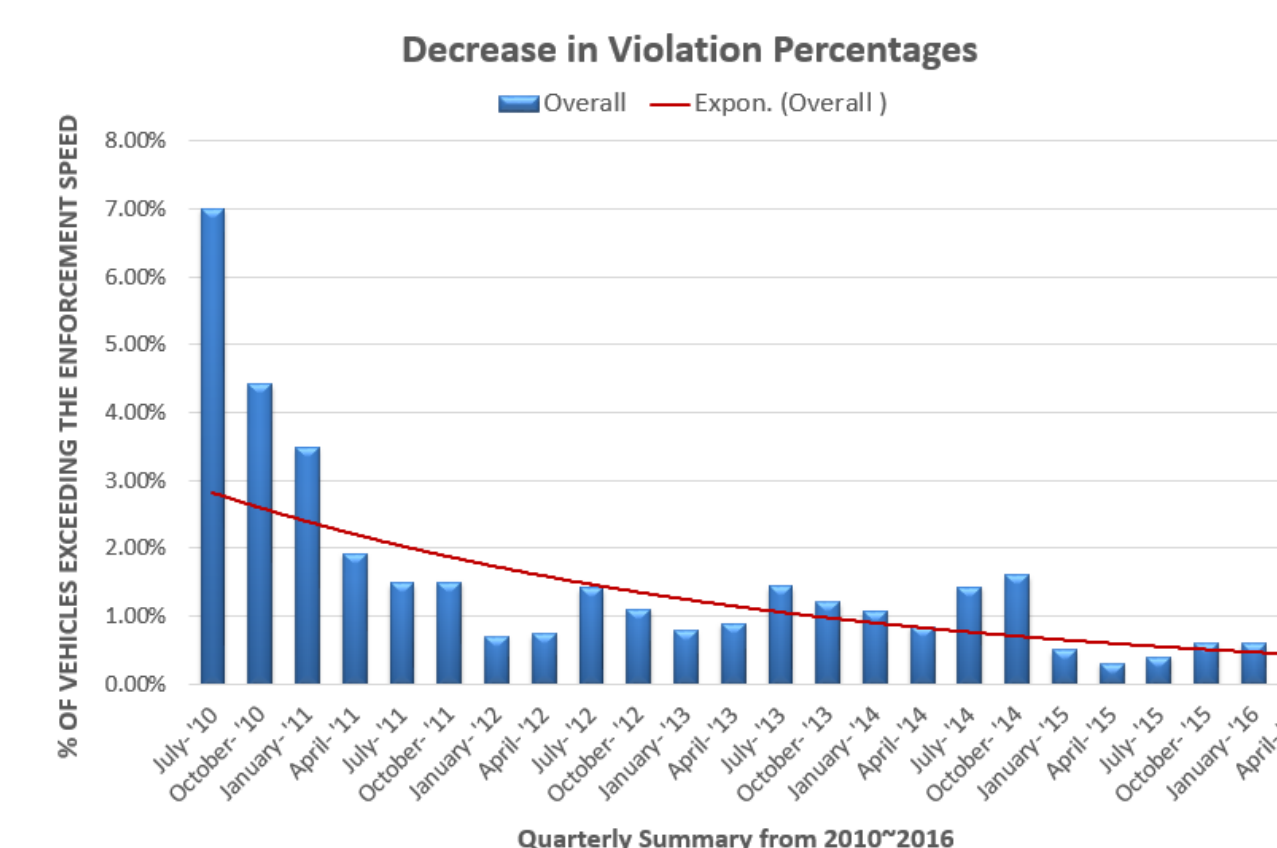
We are looking at implementing a pilot automated speed enforcement program to enhance our ability to manage speeds along our highways in safety corridors and work zones. The implementation of a pilot program requires the passing of authorizing legislation

Crashes due to speeding and aggressive driving result in a higher percentage of more severe injury crashes

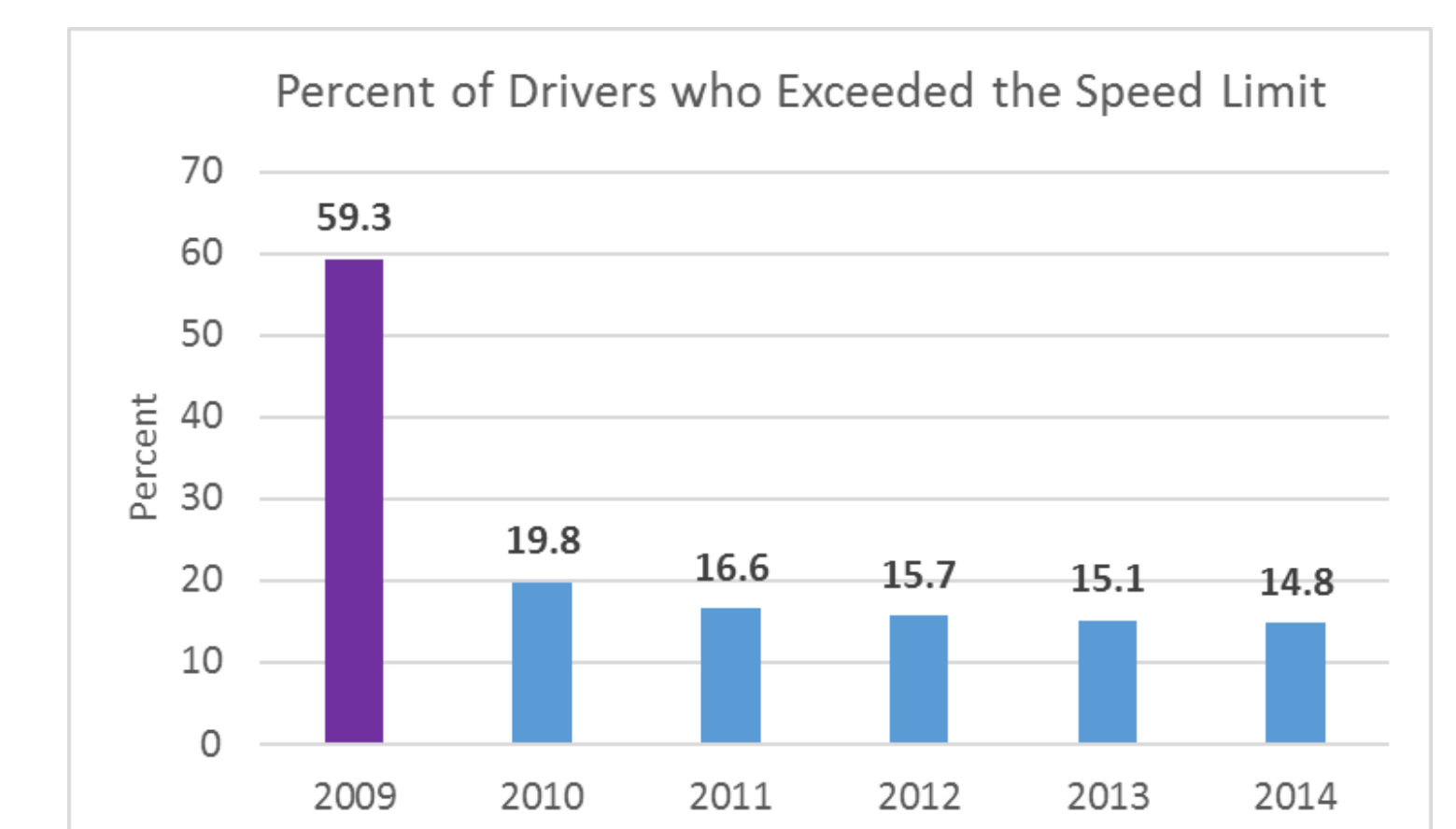


Proven Results

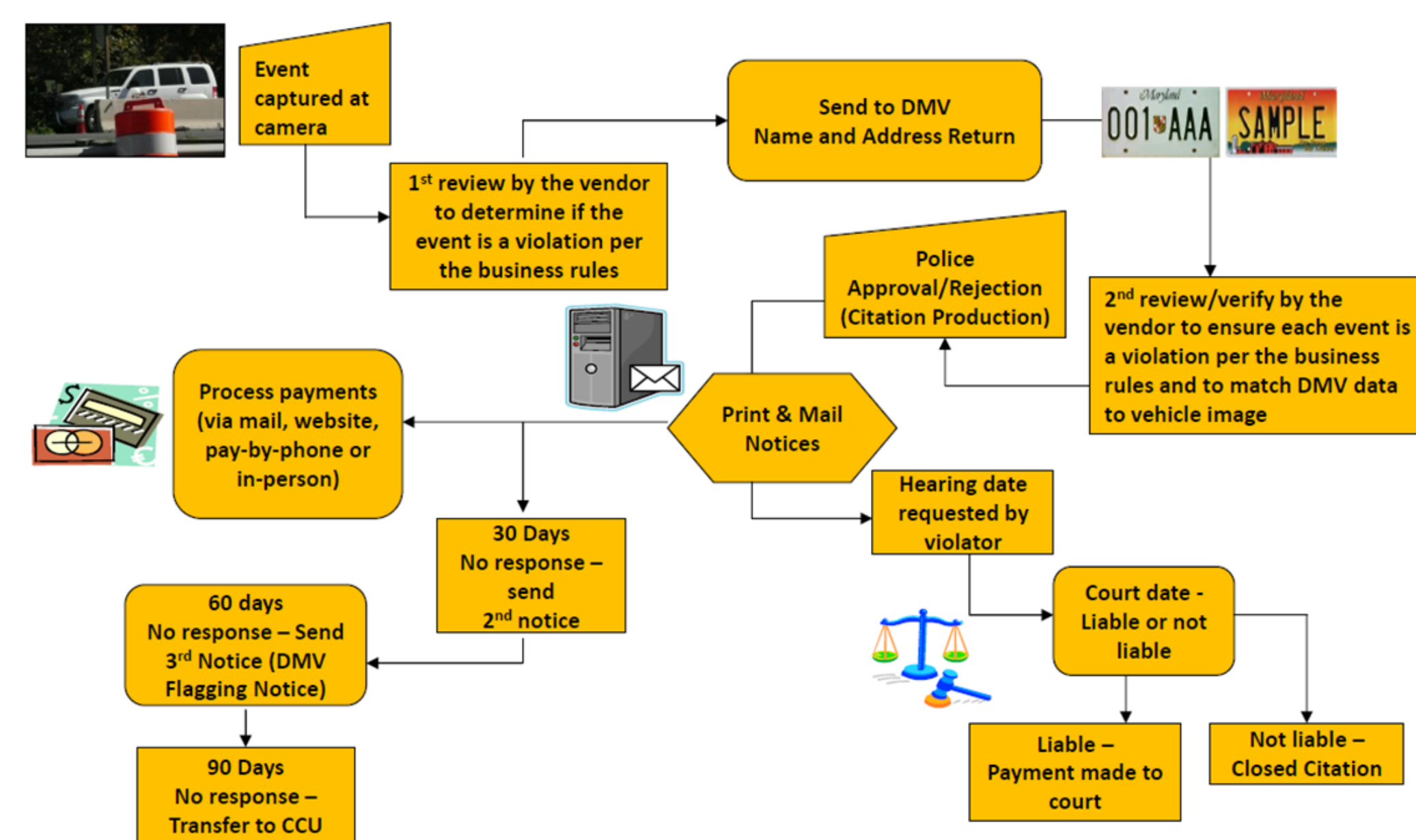
The Maryland State Highway Administration realized a reduction from 7% to 1% in the amount of motorists who drove above the enforcement threshold in work zones



In the Province of Quebec, the percentage of motorists who exceeded the speed limit went from 59.3% in 2010 to 14.8% in 2014



How it Works



- Like a parking ticket
- Fines are civil violations
- No points for violation
- Fine is the responsibility of the registered owner



Benefits

- Ability to continuously enforce the speed limit
- Can be implemented where traditional traffic stops are dangerous or infeasible
 - Increased officer safety
 - Increased traffic flow

8% to 49% reduction for all crashes

8% to 70% reduction in drivers above the speed limit

Stakeholders Groups A successful automated speed enforcement program requires the input and support of many stakeholders

VTrans:

- Department of Motor Vehicles
- Intelligent Transportation System
- Transportation Systems & Operations
- Public Outreach & Communications
- Maintenance Bureau
- Policy, Planning & Research Bureau

Other State Entities:

- Vermont State Police
- Courts & Judicial Bureau
- The Legislature

External to State Governments:

- Associated General Contractors
- Members of the Public