



How can technology increase Move Over Law compliance?

Our answer is PatrolSafe<sup>TM</sup>

## PatrolSafe<sup>TM</sup> - Automated Enforcement of Move Over Law

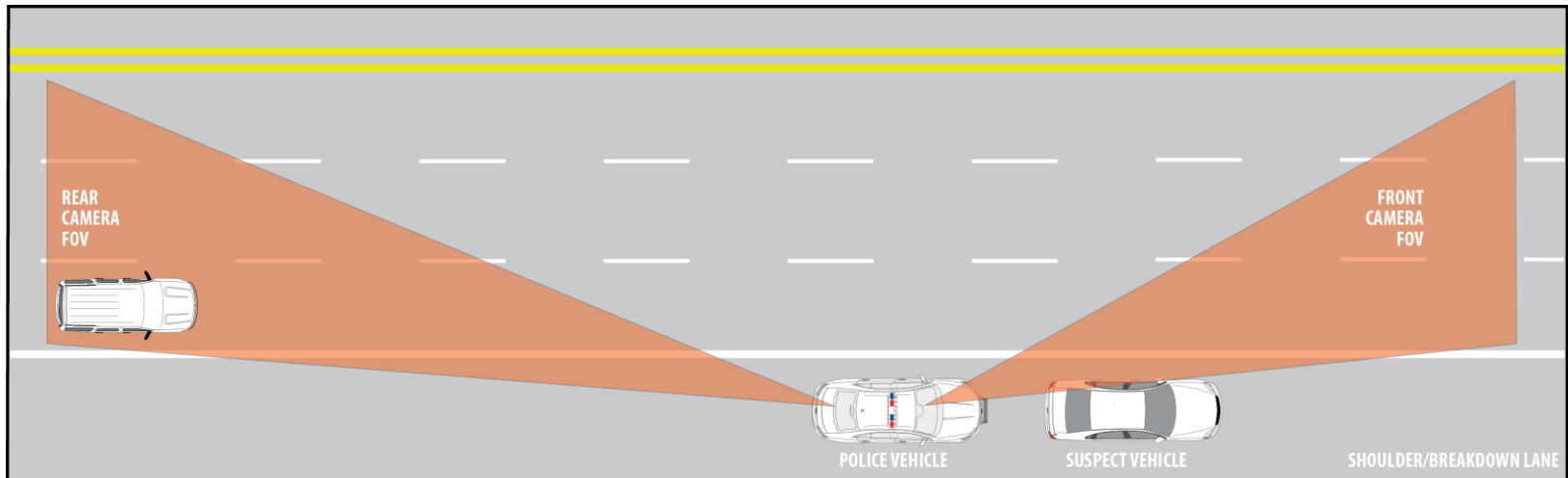
### What is it?

- A video & radar detection system seamlessly integrated into any emergency vehicle – activated by emergency lights
- Captures video (vehicle approaching & receding) of vehicles in lane next to emergency vehicle
- Captures speed of vehicles approaching in lane next to emergency vehicle
- Captures distance of vehicles as they pass by the emergency vehicle
- PC stores and wirelessly transmits potential violations for later law enforcement review.

# PatrolSafe™ - Automated Enforcement of Move Over Law

## How does it work?

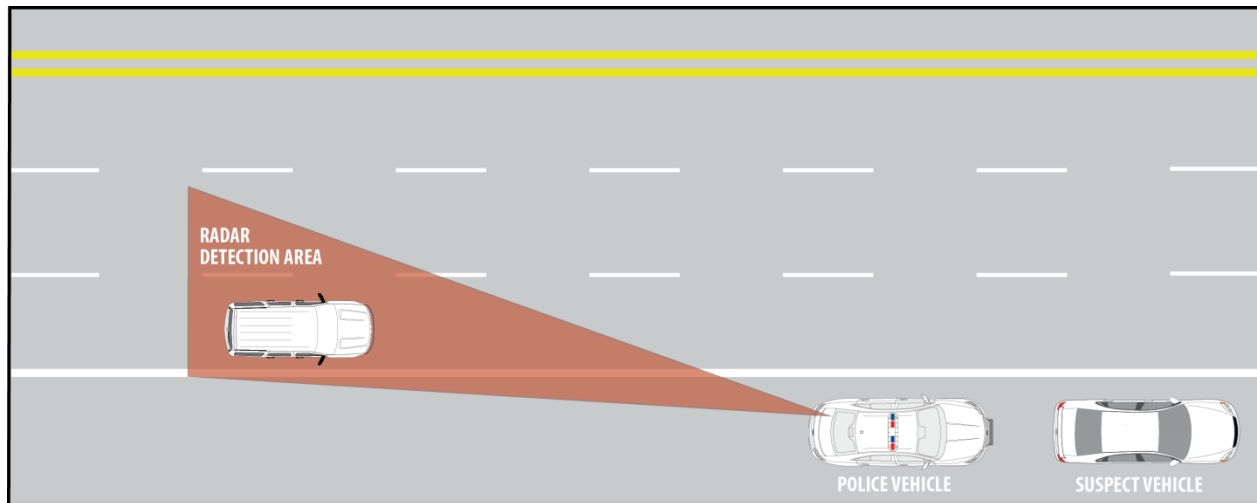
- **Vehicle Lane Detection:** HD quality video cameras mounted in the rear and front of the police vehicle record images when the emergency lights are activated. These digital video clips provide compelling visual evidence of whether a vehicle did not move over but could have safely.



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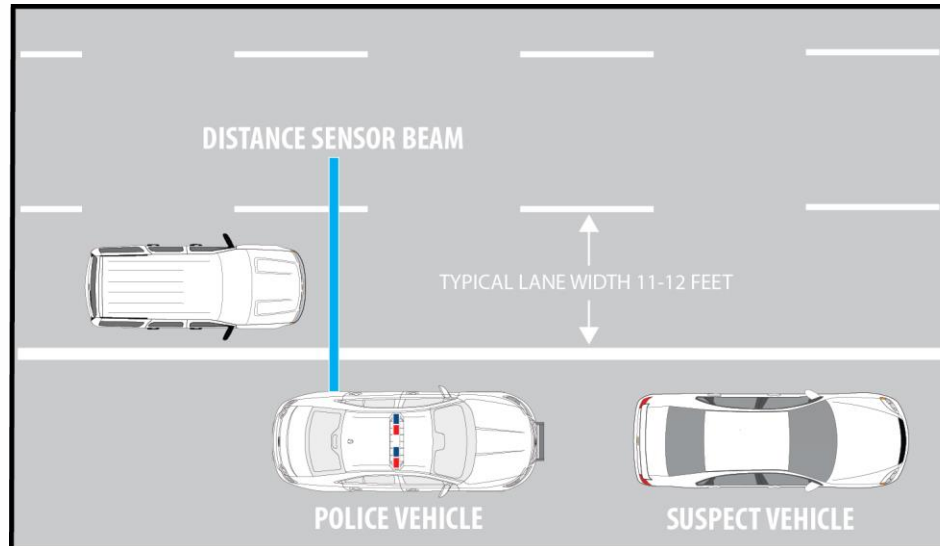
- **Vehicle Speed Detection:** Lane-specific RADAR units mounted on the rear deck measure the speed of approaching vehicles on either the left or right side of the police vehicle. This +/- 1 MPH accurate reading determines whether the vehicle slowed down when passing the police vehicle if it did not move over.



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### How does it work?

- **Vehicle Distance Detection:** Distance sensors placed in the left and rear fender, pointing at a 90-degree angle from the vehicle. The distance measurements from this highly accurate device show how close the passing vehicle was to the police vehicle.



# PatrolSafe™ Integration into Pilot Test Police Vehicles



## PatrolSafe™ Pilot Program Example: Prince George's County Police Department



**Vehicle in center lane moves into lane adjacent to police vehicle.**

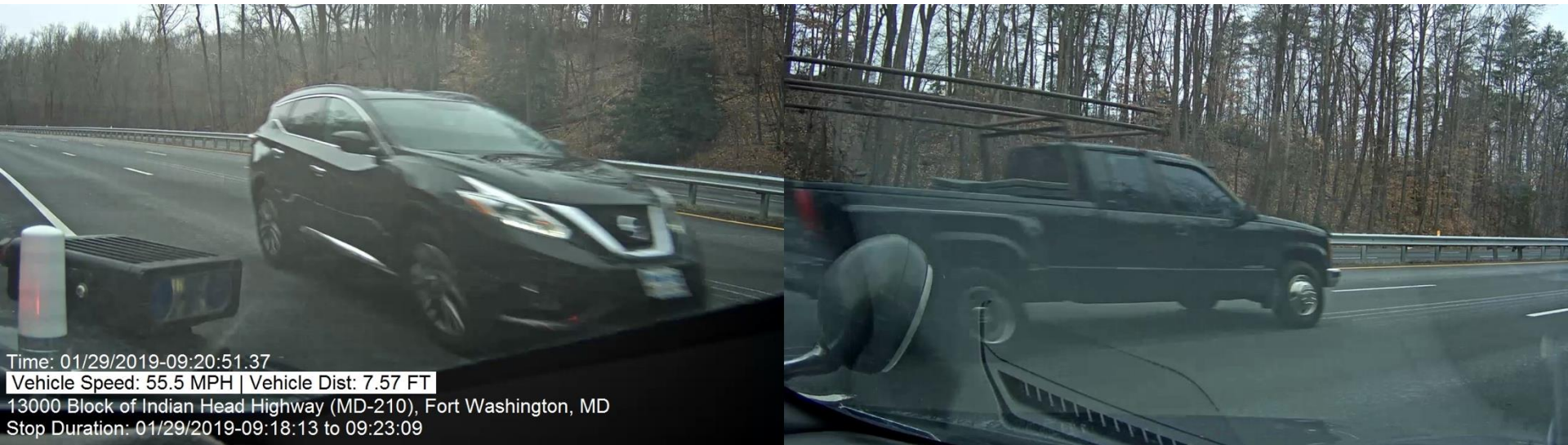
## PatrolSafe™ Pilot Program Example: Prince George's County Police Department



**Vehicle now in lane adjacent to police vehicle.**



## PatrolSafe™ Pilot Program Example: Prince George's County Police Department



**Vehicle now passing in lane adjacent to police vehicle.**

## PatrolSafe™ Pilot Program Example: Prince George's County Police Department



**Vehicle now past police vehicle in adjacent lane.**

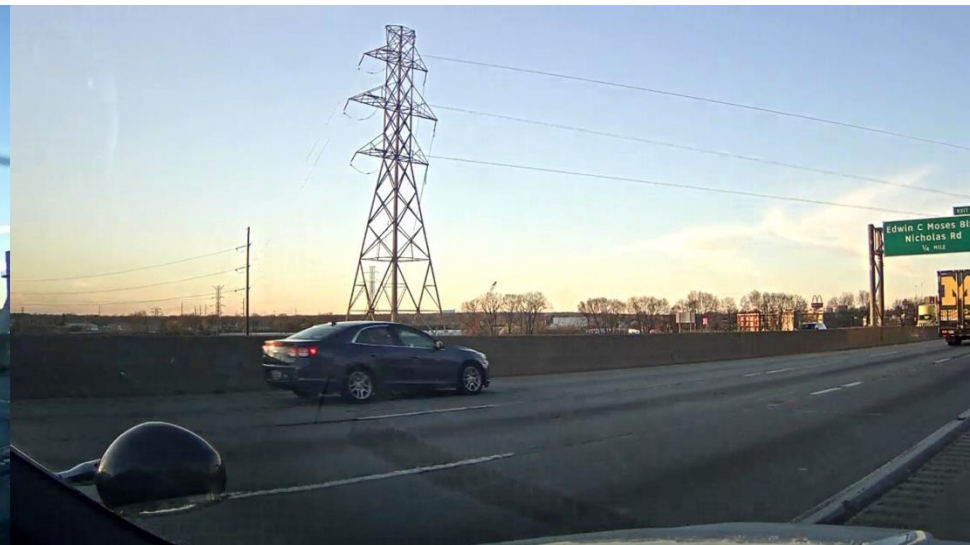
## PatrolSafe™ Pilot Program Example: Prince George's County Police Department



**Vehicle moves from center lane into lane next to stopped police emergency vehicle**

## PatrolSafe™ Pilot Program Example: City of Dayton, Ohio Police Department

Vehicle in lane 1 fails to move over, despite clear lane next to vehicle



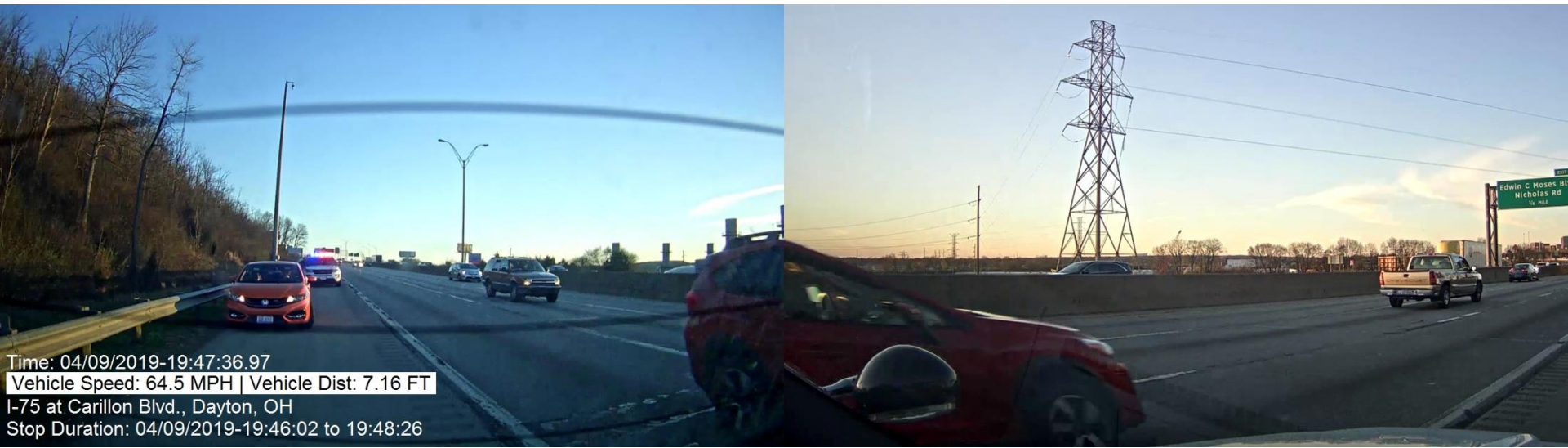
Vehicle in lane adjacent to police vehicle does not move over or slow down.

# PatrolSafe™ Pilot Program Example: City of Dayton, Ohio Police Department



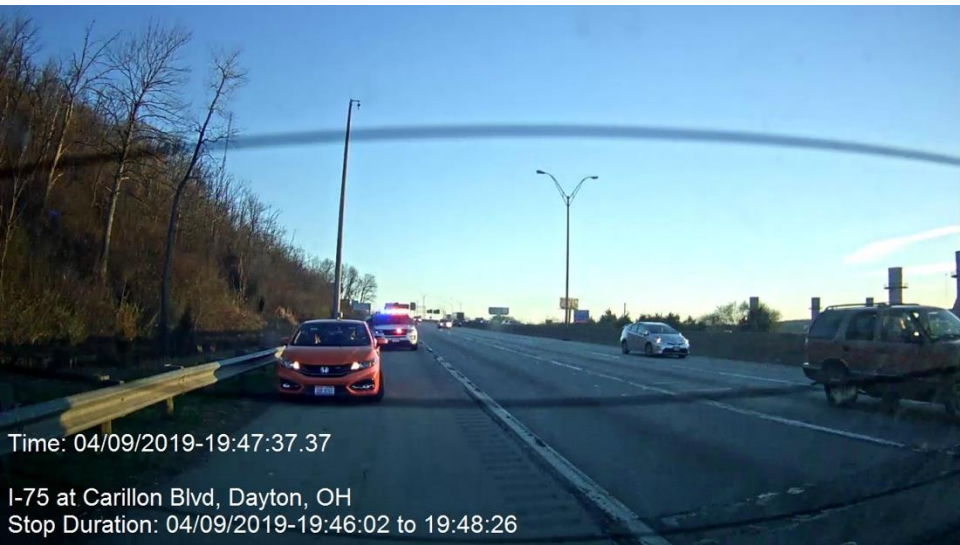
**Vehicle in lane adjacent to police vehicle does not move over or slow down**

## PatrolSafe™ Pilot Program Example: City of Dayton, Ohio Police Department



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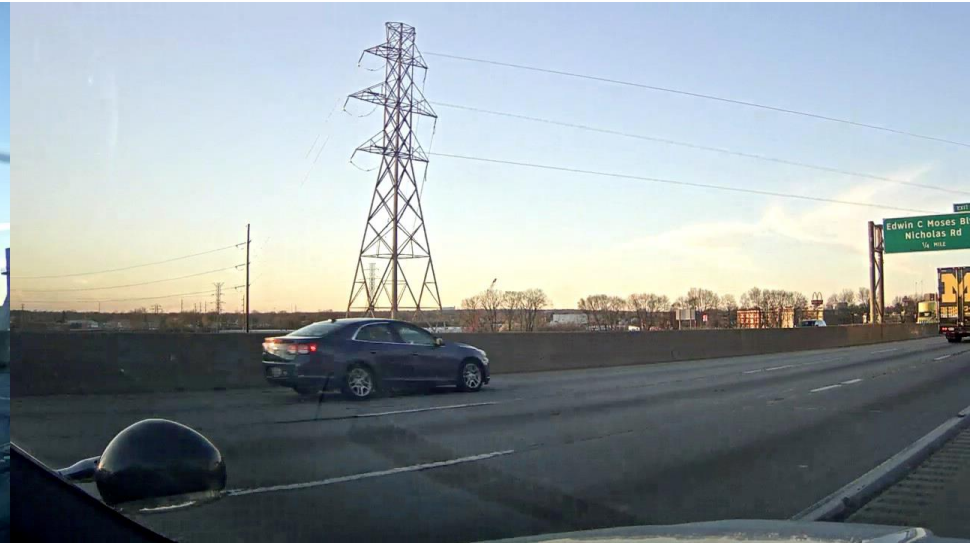
## PatrolSafe™ Pilot Program Example: City of Dayton, Ohio Police Department



**Vehicle in lane adjacent to police vehicle does not move over nor slow down**

## PatrolSafe™ Pilot Program Example: City of Dayton, Ohio Police Department

Vehicle in lane 1 fails to move over, despite clear lane next to vehicle



Vehicle in lane adjacent to police vehicle does not move over nor slow down