



Orange County Department of Emergency Services



School Bus Safety





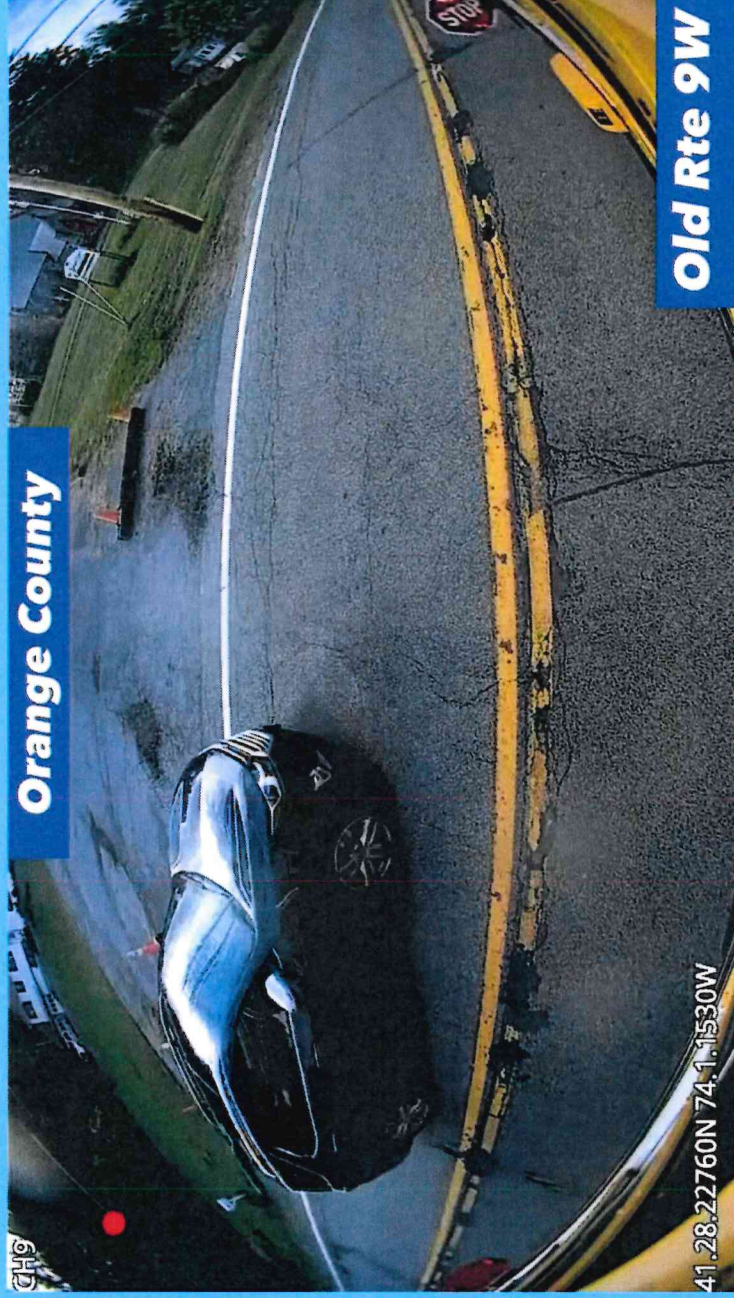
BUSPATROL

Why Bus Patrol?



- School buses are passed illegally over 45 million times a year in North America.
- These violations endanger the lives of millions of students every day.
- The goal of this program is to change the behavior of the modern motorist.
- We want motorists to see the yellow flashing lights on school buses and immediately begin to slow down and stop.

Violations on Orange County Roads

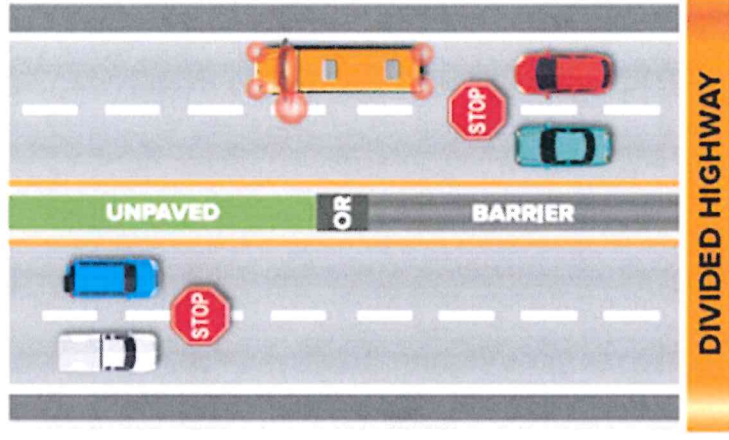
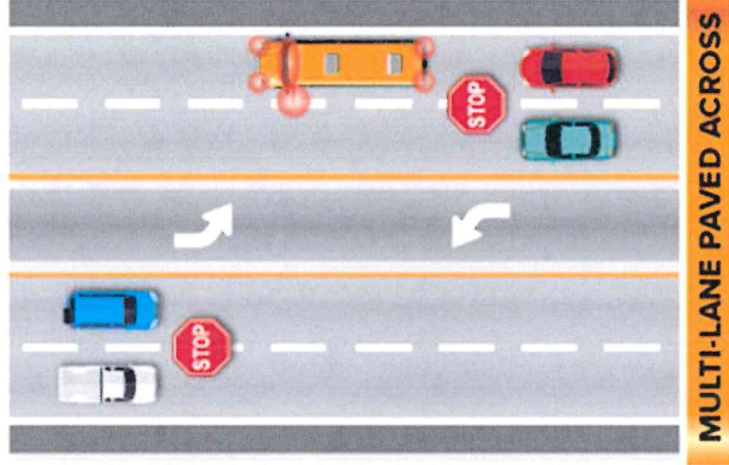
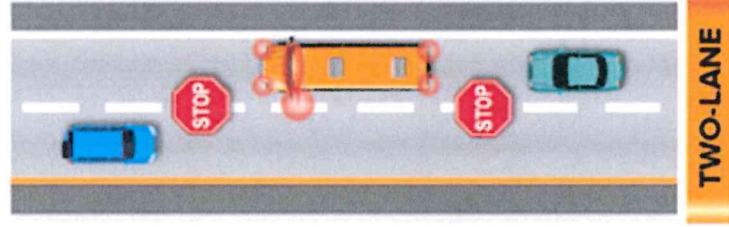




School Bus – NYS Vehicle and Traffic Law



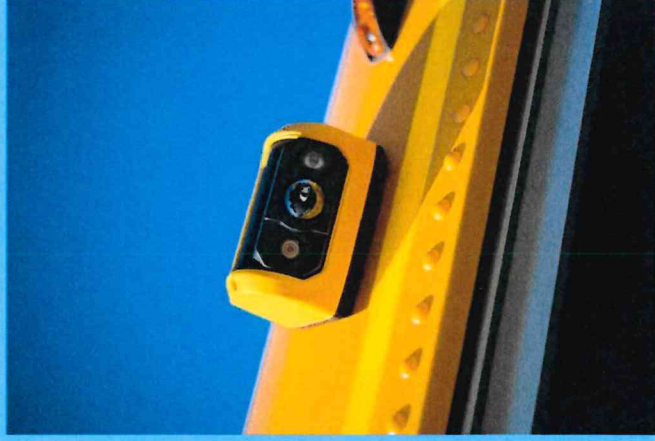
- New York State Vehicle and Traffic Law Section 1174 and 1174-A
- Motorists approaching from oncoming direction and from behind the bus must stop within 20 feet of the bus when red lights are activated.
- Motorists must stop on divided highways even when the center median is unpaved or a barrier exists.



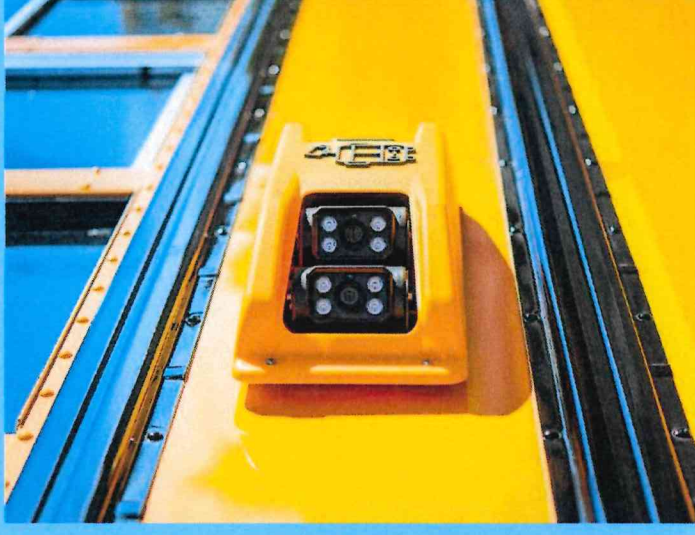
How Does It Work?



Combination of AI Technology, Video
Cameras and License Plate Readers (LPR)



This system is mounted on the driver
side and roof of the bus



How Does It Work?





Program Logistics



- **Orange County Department of Emergency Services employs 2 part-time Enforcement Technicians (prior Law Enforcement) to review videos and approve/disapprove citations**
- **Revenue from the program pays for the Enforcement Technician's salaries**
- **Other NY Counties utilize Sheriff Department staff or hire part-time employees**
- **Highly recommend employees with Law Enforcement background**



Citation Review



- Bus Patrol uses AI to gather the photos and videos and then upload them to a database for O.C. Enforcement Techs to review
- Enforcement Technicians then “Approve” or “Disapprove” the citation.
- If a Citation is approved, Bus Patrol will mail the citation to the registered owner of the vehicle in the video.
- The Citation is a Civil Penalty, similar to the Red Light Camera and Speed Camera Programs in NY



BUSPATROL

Enforcement Technician Review



Citation: Status: Bus Name, Plate: System ID DOT Certificate Partner: Approver:
WKO- Pend NYMT0205-43727BB 009800A0FF Pending US-NY-ORA-Orange County- Enforcement Technician Michael
4201345 Approval Wailkilli Twn-T Beigiovane



Violation Time
4/24/2025 8:31 am
Location of Violation
100 block of Maltese Dr in Mlc
Vehicle License Plate
NY [redacted]
Vehicle Description
2021 Black TOYOT Suburban
Vehicle Registration Expiration Date
06/2026
Registered Owner
[redacted]
Edit Paste Data
Approve Disapprove





Civil Penalties

- First Offense \$250
- Second Offense \$275
- Third Offense \$300
- Citation is mailed to the Registered Owner of the Vehicle, not the Driver
- No Driver License Points are incurred



NOTICE OF LIABILITY SCHOOL BUS SAFETY PROGRAM

NOTICE #	DATE NOTICE MAILED
MVO-3502027	12/04/2024



DATE AND TIME OF VIOLATION
11/12/2024 4:29 PM
BUS IDENTIFICATION NUMBERS
Bus Number: NYE10011 Bus Registration: 26712BB
IDENTIFICATION NUMBER OF THE SCHOOL BUS PHOTO VIOLATION MONITORING SYSTEM
0098009E4C
LOCATION OF VIOLATION
Vicinity of 200 block of Schuennunk St in Maurice NY 10950
REGISTERED VEHICLE OWNER
[REDACTED]
OWNER STREET ADDRESS
[REDACTED] SUGARLOE, NY 10950
VEHICLE STATE & LICENSE NUMBER
NY [REDACTED]
VEHICLE DESCRIPTION
[REDACTED] Suburban
FINE AMOUNT
\$250.00
STATUTE & DESCRIPTION
Orange County Local Law No. 1 of 2020 adopted in accordance with NYS VTL §1174-a, holds the owners of vehicles liable to pay a civil penalty when such vehicle passes a stopped school bus in violation of NYS VTL §1174-b).

DUE BY 01/03/2025

WARNING: FAILURE TO PAY THE PENALTY SHOWN, OR TO CONTEST LIABILITY IN A TIMELY MANNER IS AN ADMISSION OF LIABILITY AND MAY RESULT IN A DEFAULT JUDGEMENT ENTERED AGAINST YOU. FAILURE TO RESPOND TO THIS NOTICE BY THE DUE DATE WILL RESULT IN AN ADDITIONAL LATE FEE OF \$25.00.

The vehicle identified in this notice was recorded passing a stopped school bus in violation of the New York State Vehicle and Traffic Law §1174-a).

Pursuant to NYS VTL §1174-a, as adopted in Orange County Local Law No. 1 of 2020 an owner found liable for a violation of NYS VTL §1174-a) shall be liable for the following monetary penalties:

\$250 for a first violation;
\$275 for a second violation committed within 18 months of the first violation;
\$300 for a third or subsequent violation all of which were committed within a period of 18 months.





18 School Districts in Orange County

- 8 Districts active in the program
- More will be activated soon
- 1000+ buses equipped





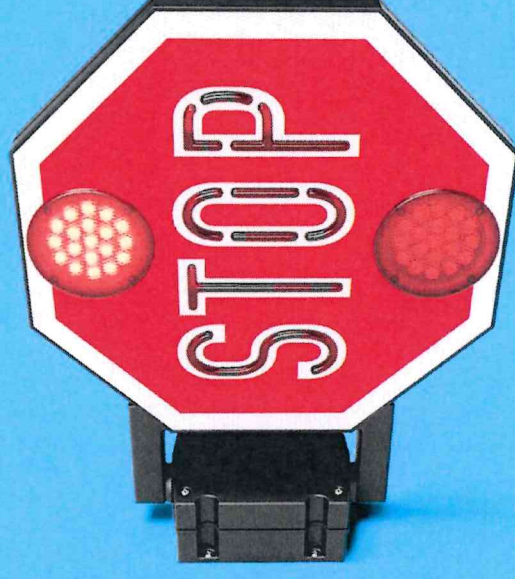
BUSPATROL

Citations Issued in Orange Co. 2024-25 School Year



- September 1,463
- October 2,350
- November 1,958
- December 1,518
- January 1,223
- February 1,686
- March 1,536
- April 1,694
- May 2,445
- June 1,485
- Total **17,358***
- Monthly Average **1,736**

- **Almost 30,000 Videos Reviewed*

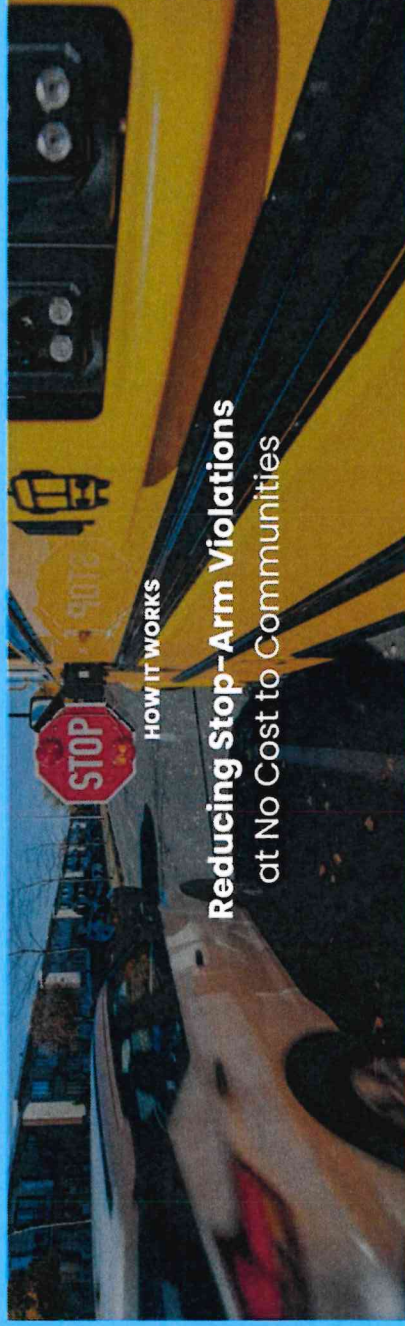




Cost?



- Bus Patrol's AI-enabled stop-arm camera school bus safety program is provided at no cost.
- This is made possible through a violator-funded cost recovery model.
- No cost to Sullivan County, the school districts, or bus companies
- Revenue generated by the fines are split between Bus Patrol and the County



Violations on Orange County Roads

