

## CADDO PARISH SCHOOLS SAFER AFTER DRIVERS SLOW DOWN

(January 13, 2023) The Shreveport Police Department's school automated speed enforcement program is showing positive results. The program began in June of 2022 as the Police Department and the Caddo Parish School System launched a public affairs campaign to educate the public about the problem of speeding vehicles traveling through school zones throughout the city. Prior to the implementation of the program, speed studies were conducted in forty-eight (48) school zones. The results were alarming. Of the 438,541 vehicles that traveled through the school zones in a five-day period from 7:00 a.m. – 9:00 a.m. and 2:00 p.m. – 4:00 p.m., **210,156** were traveling at **10+MPH over the speed limit**, accounting for **48%** of all vehicles.

	Morning Flashers (7:00 – 9:00 a.m.)	Afternoon Flashers (2:00 – 4:00 p.m.)
Traffic Count	199,719	238,822
Speeders	90,092	120,064
% Speeders	45%	50%

Beginning in June, through a public information & education campaign, over 20 news stories aired announcing the program. The program began with a 30-day warning period in August in seven (7) schools, and cameras have been added to additional school zones each month.

During the Public Information & Education phase, drivers started paying attention to the school zones and began to slow down. Data indicates that incidents of speeding were reduced by approximately **22%** during the PI&E phase and warning phase, without issuing any citations. As the program continued into enforcement, the results are showing a continued reduction in speeding vehicles ranging from **78% - 94%** within the sample set, resulting in a much safer place for children to walk, enter, and exit schools.

Since the program only enforces speed limits during school zone hours in the morning and afternoon, a comparison was conducted between the two data sets (active vs. non-active enforcement). The data shows an inconsistent trend during mid-day hours when there is no active speed enforcement. While some schools realized reductions in speeding vehicles, others are actually showing increases.

It should be noted that traffic volume has reduced through the school zones by approximately **27%**, which also increases safety for children & pedestrians.

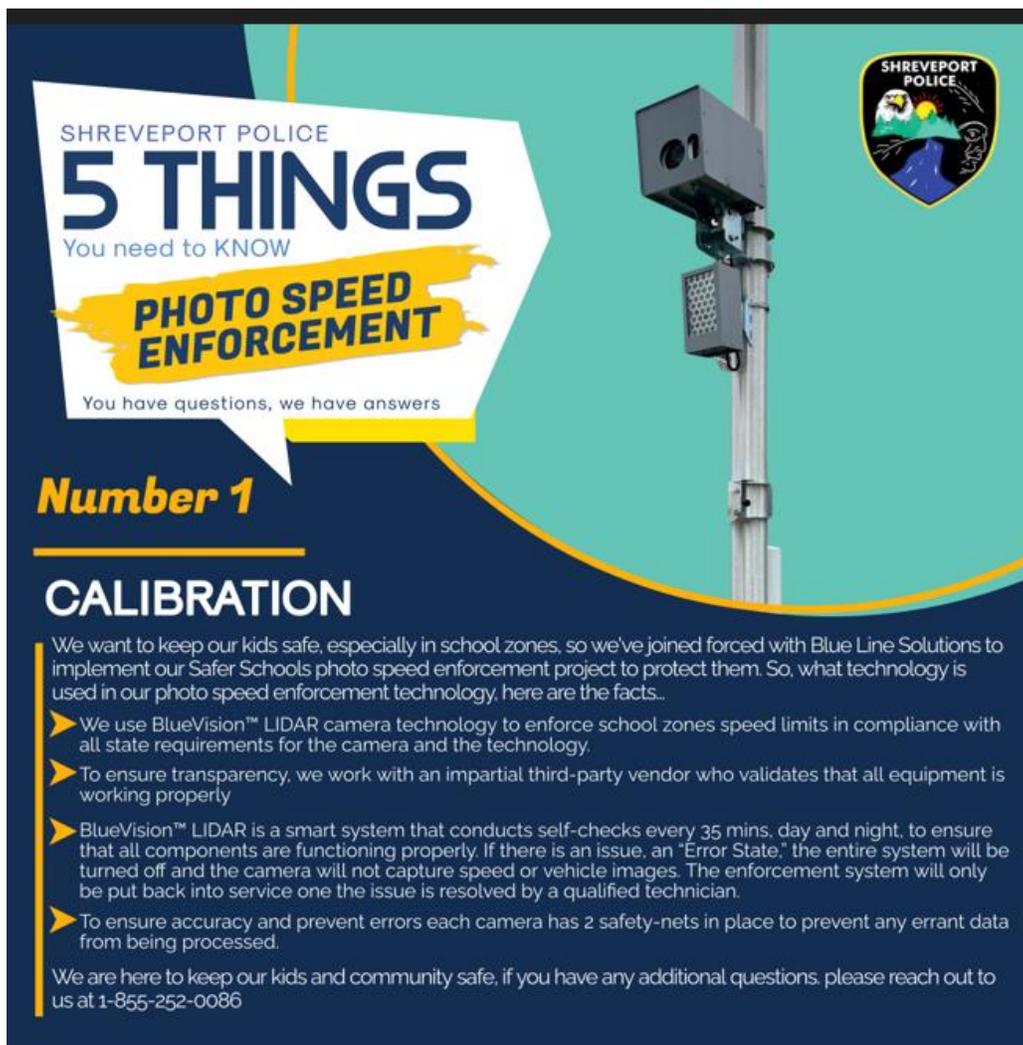
The program is designed to provide transparency and warning to drivers as they enter a school zone. First, the driver will see a "Photo Enforced" sign. Next, they will see their speed on a radar feedback sign, warning the driver of their speed. Lastly, they will see a placard with school zone times or flashers. This provides three warnings prior to entering the school zone. Further, citations are not issued unless the vehicle is traveling 11+MPH over the speed limit.



The camera systems use LIDAR which is the same technology police officers have used for the last two decades to measure the speeding of roadways throughout the country. The company follows specific state requirements for recertification of the LIDAR devices used in the LIDAR Camera System. In an effort to maintain transparency, a third-party vendor trained and vetted by the LIDAR manufacturer is utilized to recertify every LIDAR a minimum of once per year, using manufacturer-specific equipment designed for testing the LIDAR. This equipment tests the LIDAR and verifies that it functions properly and captures speeds accurately. A new certificate is provided each time recertification is completed.

Further, the LIDAR conducts a self-check every 35 minutes, testing all functions of the LIDAR, camera, and all ancillary devices, creating a “pass/fail” log. If the system cannot verify all components are functioning properly, it will go into an “Error State” and will not capture a speed or image. It will remain in this state until the issue is resolved by a trained technician.

The system is designed with two safety nets in place: At the LIDAR device and pre-processing stage. If a device goes into an “error state”, it will be identified at our Camera Network Operations Center (CNO), providing safety nets to prevent errant data from being processed. Additionally, the citation processing software will prevent errant data from being processed.



**SHREVEPORT POLICE**  
**5 THINGS**  
You need to **KNOW**

**PHOTO SPEED ENFORCEMENT**

You have questions, we have answers

**Number 1**

**CALIBRATION**

We want to keep our kids safe, especially in school zones, so we've joined forces with Blue Line Solutions to implement our Safer Schools photo speed enforcement project to protect them. So, what technology is used in our photo speed enforcement technology, here are the facts...

- ▶ We use BlueVision™ LIDAR camera technology to enforce school zones speed limits in compliance with all state requirements for the camera and the technology.
- ▶ To ensure transparency, we work with an impartial third-party vendor who validates that all equipment is working properly
- ▶ BlueVision™ LIDAR is a smart system that conducts self-checks every 35 mins. day and night, to ensure that all components are functioning properly. If there is an issue, an "Error State," the entire system will be turned off and the camera will not capture speed or vehicle images. The enforcement system will only be put back into service once the issue is resolved by a qualified technician.
- ▶ To ensure accuracy and prevent errors each camera has 2 safety-nets in place to prevent any errant data from being processed.

We are here to keep our kids and community safe, if you have any additional questions, please reach out to us at 1-855-252-0086