


07/11/2024

City of Coconut Creek

SPEED DETECTION SYSTEMS FOR ENFORCEMENT OF SCHOOL ZONE SPEED LIMITS



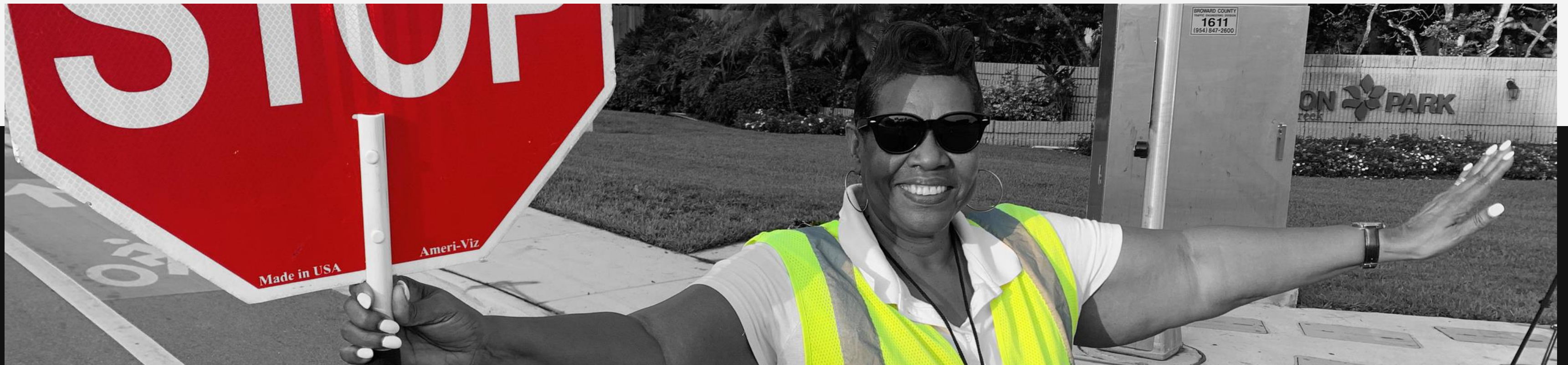


HOUSE BILL 657

- The bill authorizes municipalities to use speed detection systems to enforce school zone speed limits for violations in excess of ten miles per hour over the applicable speed limit.
- Violations can be issued when children are going to or from school and during the entirety of the school day.
- Requires signage warning motorists that speed detection systems are in use.
- Requires a public awareness campaign prior to commencing enforcement of school speed zone speed limits with speed detection systems.
- Requires installation of speed detection systems according to Florida Department of Transportation specifications.
- Provides for a \$100 penalty for each violation using a speed detection system and provides for the distribution of the proceeds to state and local government.
- Provides for defenses for persons who receive a notice of violation.
- Provides procedures for hearings regarding these violations.
- Provides for the privacy and data obtained from speed detection systems.
- Prohibits points from being imposed for violation of unlawful speed enforced by a speed detection system and prohibits such violations from being used for purposes of setting motor vehicle insurance rates.

SPEED DETECTION SYSTEM PLACEMENT AND INSTALLATION

- Florida Statute 316.0776(3) authorizes a speed detection system to be placed or installed in a school zone on a state road when permitted by FDOT and in accordance installation specifications.
- Speed detection systems may be placed or installed in a school zone on a street or road under the jurisdiction of a municipality in accordance with FDOT established placement and installations specifications.
- Speed detection system installation estimates are 60 to 90 days from final permitting requirements.



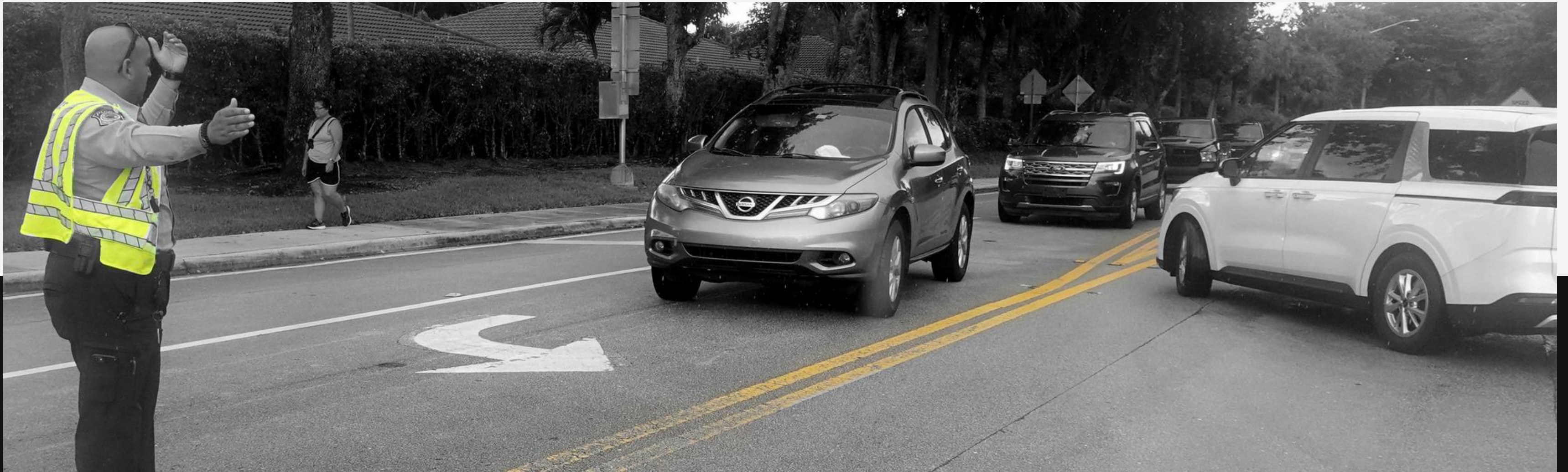


Public Safety Funding

- Breakdown of the \$100 civil penalty
- \$20 State General Fund
- \$60 Local Municipality/ Vendor for Public Safety
- \$12 Broward School District for Student Safety
- \$3 FDLE Criminal Standards and Training Fund
- \$5 School Crossing Guard Recruitment and Retention

FISCAL IMPACT

The Costs associated with the implementation and operation of this program should be covered by funds collected through the notices of violations potentially being cost neutral to the City of Coconut Creek.



DATA REVIEW

- City staff has reviewed a speed and volume study submitted by RedSpeed Florida, LLC wherein all of the city's schools were analyzed to determine any heightened safety risk.
- The study was conducted during weekdays, September 21st, 2023 through October 7th, 2023. Eight schools were evaluated.
- The Traffic Services Unit conducted an independent review of all eight schools.
- Based upon the totality of speed and volume data, crash statistical data in the school zone areas and the total traffic citation and written warning counts.
- The Police Department concluded that the data warrants a heightened safety risk at the following school zones in order of greatest importance :

RECOMMENDED SCHOOLS

01.

Lyons Creek
Middle School

02.

Monarch High
School

03.

Atlantic Technical
College

04.

Coconut Creek
High School

05.

Dave Thomas
Education Center

06.

Winston Park
Elementary School

07.

Tradewinds
Elementary School

08.

Coconut Creek
Elementary School

2023 Data

Speeding in a School Zone

	Uniform Traffic Citations	Written Warnings	Total	Crashes
Lyons Creek Middle School	229	256	485	50
Monarch High School	18	38	56	8
Coconut Creek Elementary School	16	28	44	3
Winston Park Elementary School	18	23	41	24
Atlantic Technical College	17	7	24	19
Dave Thomas Education Center	0	3	3	2
Coconut Creek High School	1	1	2	27
Tradewinds Elementary School	0	2	2	3

2024 Data

Speeding in a School Zone

	Uniform Traffic Citations	Written Warnings	Total	Crashes
Lyons Creek Middle School	130	151	281	43
Monarch High School	34	45	79	6
Winston Park Elementary School	7	27	34	18
Coconut Creek Elementary School	1	6	7	0
Dave Thomas Education Center	1	3	4	0
Coconut Creek High School	1	1	2	16
Atlantic Technical College	0	1	1	13
Tradewinds Elementary School	0	0	0	1

(Speeding Data through 6/10/2024 from RMS and Crash Data through 4/15/2024 from Signal 4 Analytics)



SUPPORTING DOCUMENTS AND ADDITIONAL INFORMATION



- RedSpeed L.L.C. Speed and Volume study of area schools zones.
- Example of a notice of violation sent to persons for unlawful speed in a school zone.
- A frequent, but valid, concern regarding the speed enforcement program is data privacy and data protection. In Florida, the current law requires all data to be deleted 90 days after the final disposition of the recorded event.