



MORE LIGHT

Making tomorrow safer, today!

Jenoptik – School Zone Speed Program

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- **Headquarter: Jupiter FL**
- **Established solution provider and leading company in Traffic Law Enforcement and Public Safety**
- **Employees: 212 – Project Managers, Field Engineers, Software Developers, Customer Service, Quality Assurance, Maintenance, etc.**

Jenoptik is the right partner for you...

We're local: From manufacturing to installing, from customizing your software to enhancing it, from dispatching Field Engineers to processing violations and answering customers' calls. All right here in Jupiter, **one hour away!**

Complete turnkey solution: Jenoptik provides a full end to end solution in that we:

- construct, install, maintain and service all equipment as well as
- capture and process potential violations, provide potential violations to the Police Department via a secured web-based program for review and approval,
- we mail all notices of violations, collect payment of fines and transfer to the City,
- provide court adjudication assistance with violation evidence packages and provide expert testimony as needed and training.

Price advantage: As the manufacture and developer of the hardware and software, we don't rely on third party vendors or distributors. As a result, there's no middleman between us!





4,000 sites across the US & Canada

Helping save lives by monitoring speed and red-light laws.

2200 deployed in NYC, **600** sites in Ontario Canada

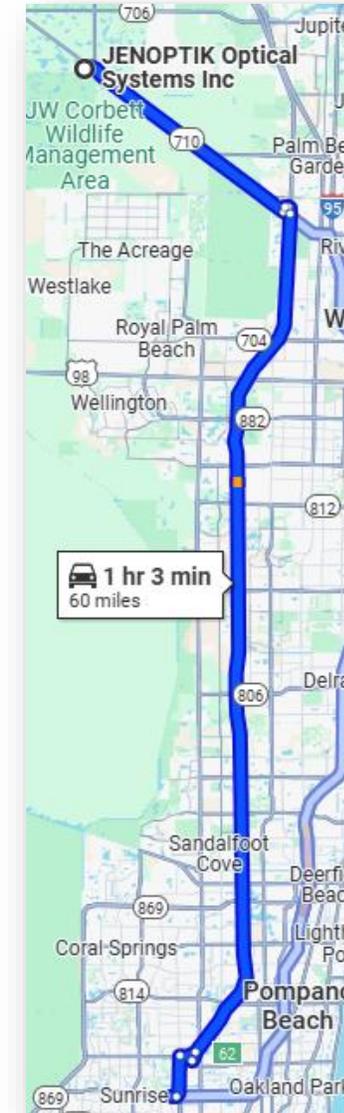
School Zone Speed – Program Highlights



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Jenoptik will provide a complete turnkey solution that includes:

- True Florida based manufacturer and supplier....**for Florida, by Florida**
- Implementation of speed study
- Required hardware, software and speed signs
- Sites surveys and permits
- Installation and maintenance
- Marketing and communication support team
- Training
- Customized web-based payment portal
- Citation processing and mailing once approved by the City
- Court / hearing assistance when needed
- LPR on all speed cameras with NCIC & FDLE hotlists
- Experienced multilingual customer service team



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Automated School Zone Speed Detection Camera System – Implementation Timeline 60 – 90 Days



At-a-glance

INITIATION

Contract review. Project scope, objectives, and deliverables outlined.



PLANNING & DESIGN

Detailed engineering plans created, including development of work breakdown structure.



INSTALLATION

Camera implementation tasks are performed, and the project plan is put into action.



TRAINING

System training and review of reports, data collection, and public information campaign.



OPERATIONAL

ASE System fully operational, with a 30-day warning period implemented.



FDOT Approval



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- Jenoptik's photo enforcement systems approved by FDOT


Florida Department of Transportation
605 Suwannee Street
Tallahassee, FL 32399-0450

RON DESANTIS
GOVERNOR

JARED W. PERDUE, P.E.
SECRETARY

January 17, 2025

Finbarr O'Carroll
President, Jenoptik Inc. SMS, Americas
16490 Innovation Dr.
Jupiter, FL 33478

Dear Mr. O'Carroll:

This approves the Jenoptik red light running camera standard details for use on State Roads. This approval is for structure installations in conformance with:

- "Jenoptik's Photo Enforcement Equipment Foundation Design," signed and sealed by Kenneth B. Ray, P.E. on 12/19/2024
- "Jenoptik's Standard Foundation Details – VECTOR SR – S&S," signed and sealed by Kenneth B. Ray, P.E. on 12/19/2024
- "Jenoptik's Standard Foundation Details – TRAFFISTAR SR390 – S&S," signed and sealed by Kenneth B. Ray, P.E. on 12/19/2024

This approval does not include, nor is it an endorsement of any Jenoptik red light running camera equipment.

If you have any questions, please contact Mr. Derek Vollmer at (850) 921-7361.

Sincerely,

Derek Vollmer, P.E.
Traffic Engineering Research Lab Manager

DV/dv
cc: Kenneth B. Ray, Paul Trujillo

www.fdot.gov

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FLHSMV Approved eCitation Vendor



Dave Kerner
Executive Director

2900 Apalachee Parkway
Tallahassee, Florida 32399-0500
www.flhsmv.gov

Approved eCitation Vendors

(School Zone Unlawful Speed Camera Vendors pursuant to s. 316.1896, F.S.)

VENDOR - ENTITY	APPROVAL DATE	CONTACT	TELEPHONE	EMAIL ADDRESS
JENOPTIK Smart Mobility Solutions, LLC	3/20/2025	John Rein	561-532-7130	john.rein@jenoptik.com

School Zone Speed – Community Outreach Campagin

1. Education
2. Trial period and warning notices
3. Official speed enforcement and ticketing
4. Continuing education

One Goal: Change Driver's Behavior, not issuing more tickets!



CITY OF HAZLETON IOWA

Dear Residents of Hazelton,

Improving traffic safety is one of the strategic goals of the Hazelton City Council. That is why I am so pleased to report that after much input from the community, we are installing a traffic enforcement system in Hazelton. This state-of-the-art system is designed to help us encourage safer driving habits and improve traffic flow. Best of all, it can help us save lives.

The Buchanan County Sheriff's Office cannot enforce traffic laws everywhere, all the time. But this new system will help us extend their efforts, keeping roads safer 24 hours a day, 7 days a week. There are no additional costs to the taxpayers and the traffic enforcement program will be funded by violators.

I encourage you to respect the rules of the road - help keep yourself and your neighbors safe and sound. Join me in supporting Hazelton's new traffic enforcement system.

Sincerely,
Darin Hayzlett
Mayor, City of Hazelton

Fixed Speed Enforcement Locations:
County Hwy C57 (Hayes St.)
East and West City Limits

Contact Us
+1 319 636-2559
+1 319 636-2523
cityclerk@hazletonia.com

Traffic Safety Enforcement Program
City of Hazelton, IA

Question & Answer

There will be a warning period for the first 30 days, after the program begins.

Is speeding a public safety concern?
According to the IIHS, speeding is a factor in one-third of all fatal crashes in the U.S., killing more than 10,000 people per year. In addition, according to the NHTSA, speed-related crashes cost the U.S. economy approximately \$40 billion per year.

Does someone double-check the evidence?
Sworn deputies will determine violations. Our vendor will do the initial screenings of information for photo and data quality. Deputies will review every violation to verify vehicle information and ensure the vehicle is in violation. These deputies will utilize the same standards for photo enforcement as they would with a standard violation event. Upon deputy approval, a citation will be mailed to the vehicle owner. The owner will then have the right to pay the citation or exercise a contest process.

What about privacy? Will I be photographed in my vehicle?
No. Vehicles following traffic laws are not photographed. Additionally, the driver is not visible on the citation.

How will the new Speed Enforcement Program work to protect lives in Hazelton, IA?
This Traffic Enforcement Program will protect lives by reminding motorists to slowdown and obey speed laws. Automated safety cameras will identify motorists who are breaking the law by exceeding the speed limits. The registered owner of the violating vehicle will receive a traffic citation in the mail.

How do enforcement cameras aid Law Enforcement as a force multiplier?
Deputies are committed to keeping you and your neighbors safe from reckless traffic, but no community can afford to police every road at all times. These camera resources will provide a wide level of traffic enforcement with less required manpower, allowing deputies to spend their time investigating crimes and dealing with the community directly. Think of these as a force multiplier.

Are automated enforcement cameras legal?
Yes. Courts have ruled in favor of a municipality's right to use automated enforcement technology in a fair and judicious manner.

Will people know when they are entering an enforced zone?
Yes. Signs will be posted at every enforced zone, warning drivers that photo enforcement is in use ahead.

Can I challenge my citation?
Yes. Each citation ticket contains detailed information on how to exercise your due process rights and contest the citation.

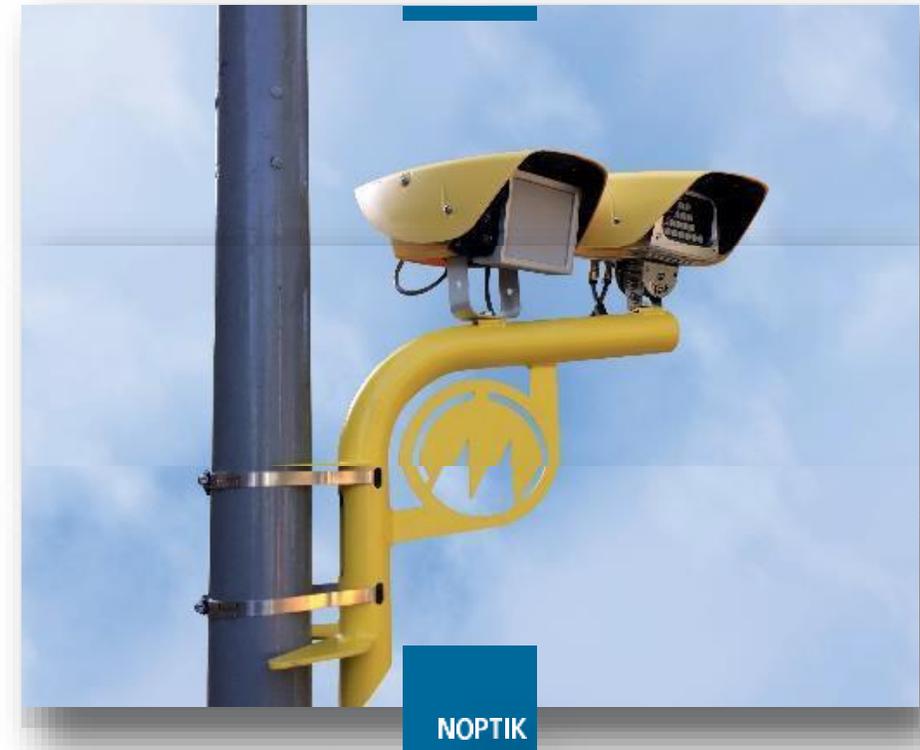
What are the Traffic Enforcement fines in the City of Hazelton, IA?

Speed Over	Fine Amount Owed	If in Construction or School Zone
6-10 MPH	\$75.00	\$150.00
11-15 MPH	\$100.00	\$200.00
16-20 MPH	\$150.00	\$300.00
21-25 MPH	\$200.00	\$400.00
26-30 MPH	\$250.00	\$500.00
>30 MPH	\$400.00	\$800.00

School Zone Speed – Hardware

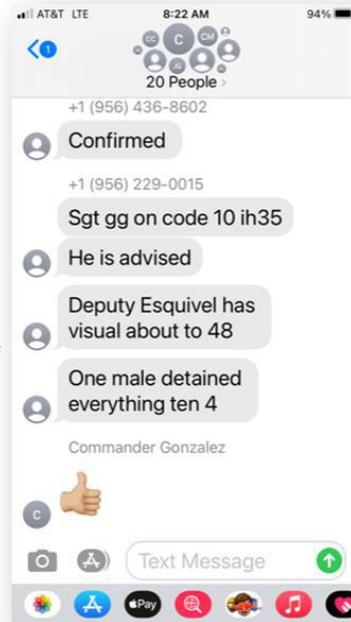
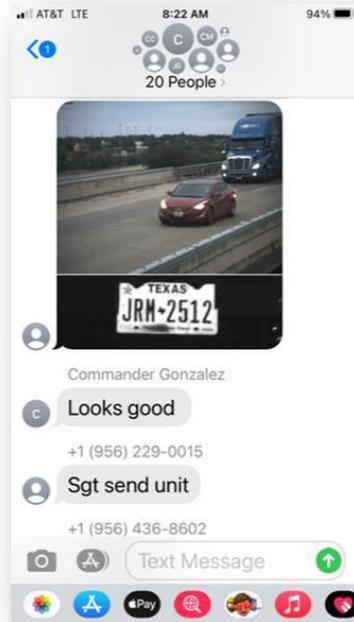
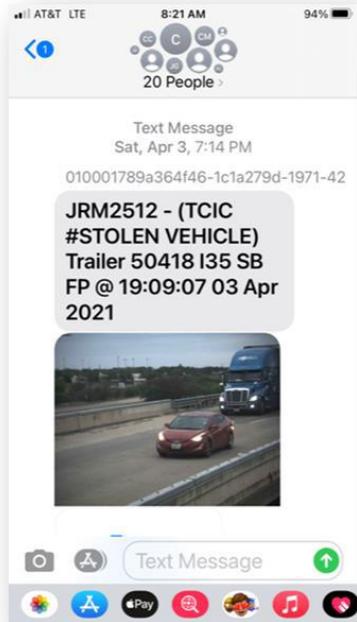
Jenoptik will deploy its all-in-one state of the art VECTOR SR system. VECTOR SR is a fully self-contained traffic enforcement system.

- Monitor 3 lanes of traffic using a single camera
- Easier to install and maintain
- LPR from the same camera
- Processing at the Edge / road
- Alerts in under 5 seconds to the mobile device
- Upgradable to other Traffic Law Enforcement solutions:
 - Distracted Driving
 - Noise / Sound Detection
 - Air quality monitoring
 - Bus and bike lane monitoring
 - Cross-walk monitoring



School Zone Speed – Software Cont.

Along with speed enforcement, the VECTOR SR system can also provide ALPR technology from the same camera. Hotlist alerts are sent directly to a mobile device in under 5 seconds.



LPD: NCIC - P
VJL0860
Laredo PD Trailer 50524 Lane 2
LPD: TCIC
VJL0860
Laredo PD Trailer 50524 Lane 2
LPD: NCIC - V
MGM8816
Laredo PD Trailer 50524 Lane 2
LPD: NCIC - P
KLD6963
Laredo PD Trailer 50524 Lane 2
LPD: NCIC - V
RZG8278
Laredo PD Trailer 50524 Lane 3
LPD: TCIC
HHD3558
Laredo PD Trailer 50522 Lane 3
LPD: TCIC
NJL5419

Details My Alert Basket Map
Pause countdown: 09:17
Accept Dismiss Assign Delete
Time since read: + 00:37:53
Correct VRM
VRM
Read Date/Time 24/08/2024 22:26:39
Location Laredo PD Trailer 50524
Camera 1:26:2
Camera Name Laredo PD Trailer 50524 Lane 2
Confidence 15
Lat/Long 27.4659, -99.4499
Direction Towards
Nationality US
Make Ford
Colour BLACK
Received 24/08/2024 22:26:40

STOLEN LICENSE PLATE

Make	
Model	
Colour	
Body Type	
Actions	
Markers	P
FullMarkers	STOLEN LICENSE PLATE
Reason	TX0820000
Info.1	2024-01-17
Info.2	2025

1 SECOND

School Zone Speed – Customer Service, Processing Center

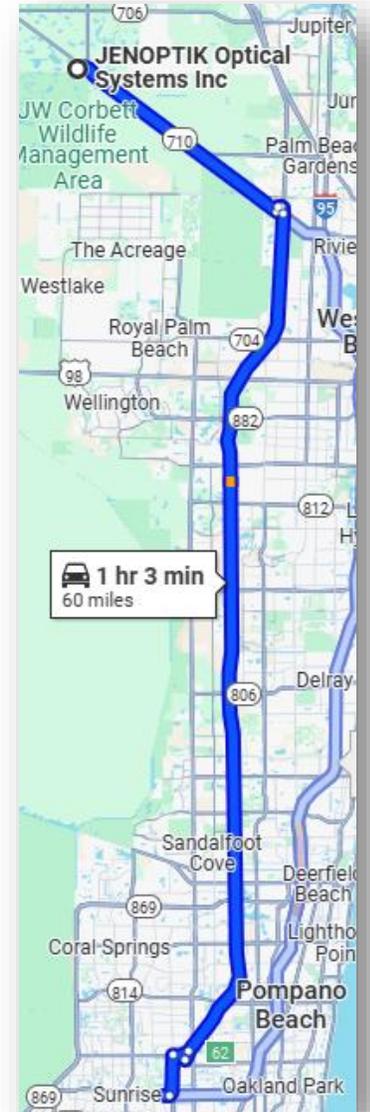


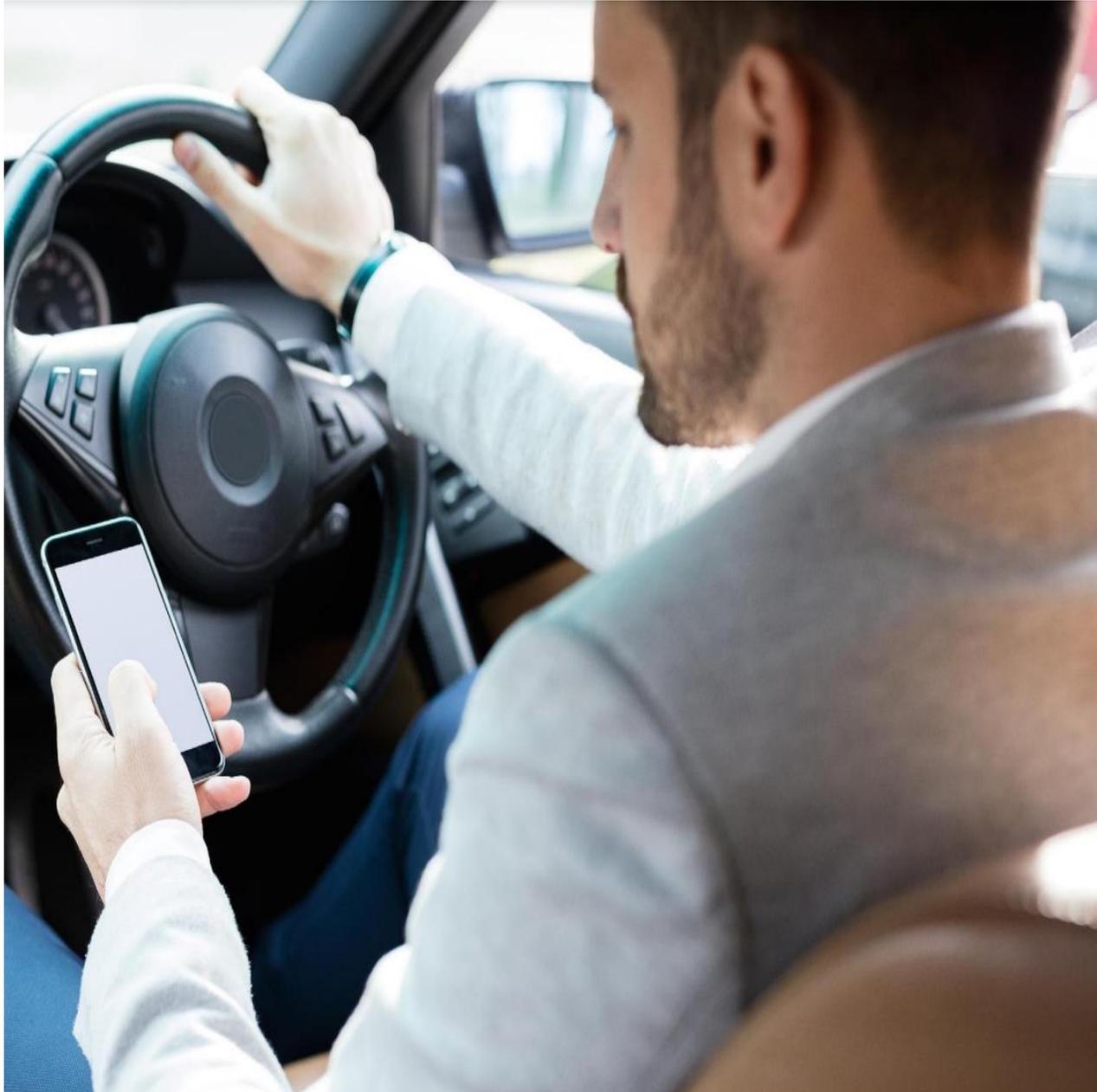
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- Process citations
- Manage fines
- Respond to violators inquiries
- Multilingual



**Citation Processing and Administration Center
in Jupiter, Florida**





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Distracted Driver Technology

fastest-growing safety issue on the roads today

Additional Services – Distracted Driving

- **Distracted Driving Solution**: Capable of detecting distracted driving; cellphone use violation enforcement for all vehicle classes.



Zero cost to the City by increasing the revenue share percentage.

Additional Services – Distracted Driving

Florida Statutes: *Put It Down: Focus on Driving* campaign

Section 316.305:

Prohibits drivers from manually typing or texting on a wireless communication device.

Section 316.306:

Prohibits drivers from using handheld wireless communications devices in school zones or active work zones.

Penalties:

- **First Offense:** A non-moving traffic violation with a base \$30 fine (plus court costs) and no points assessed against the driver's license.
- **Second Offense:** A moving traffic violation with a base \$60 fine (plus court costs), and three points assessed against the driver's license.

School Zone Speed – Pricing

Of the \$100 fine imposed per violation:

- \$40 (DOR General Revenue Fund, county school district and Training Trust Fund)
- \$60 is retained by the City to administer speed detection systems in school zones and for other public safety initiatives

Of this \$60, Jenoptik proposes a revenue-share model of 75/25 whereby the City receives \$45 or 75% and Jenoptik receives \$15 or 25%.

Flat fee of \$15 per paid citation with no additional costs or hidden fees associated with our service.

Additional Services – Rapid Deployment Speed & ALPR Trailer

- Ready to deploy at a moments notice
- Jenoptik will offer one unit to be used by the City at its discretion for the life of the school zone speed contract free of charge.
- Additional trailers, fixed and or mobile ALPR systems can be provided to the City.



Zero cost to the City by increasing the revenue share percentage.

Cooperative Agreements

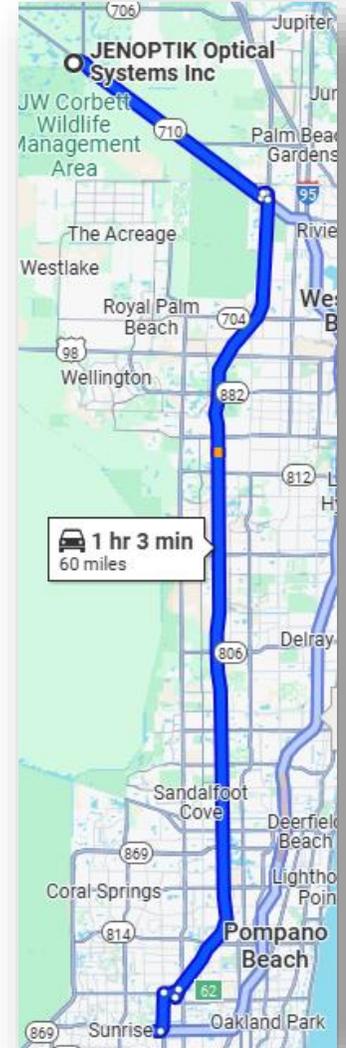


Why Jenoptik?



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- ✓ 50+ years of photo enforcement experience.
- ✓ 212 Jupiter-based professionals ready to serve the City just an hour and a half away!
- ✓ Pioneer in Automated License Plate Readers which is crucial for an effective photo enforcement solution.
- ✓ Cameras designed and manufactured by Jenoptik specifically to capture and read the license plate accurately 24x7.
- ✓ Our automated speed detection systems use in-house manufactured radar.
- ✓ No reliance on third-party vendors. This speeds up installations, support and ongoing maintenance.



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Phone: 561-401-2722

Thank you for your time.