

Testimony in Support of SB 152/HB 421
Prince George's County - Point-to-Point Speed Monitoring Systems - Maryland Route 210

Environment and Transportation Committee
Presented on Behalf of Jenoptik
March 12, 2026

Thank you for the opportunity to support HB 421, Jenoptik, a global leader in traffic safety solutions, voices support for this legislation and serves as a technical resource. Point-to-point enforcement measures average speed over a distance: each vehicle is registered at entry and exit with precise timestamps, and the system calculates the average speed based on the actual route length. If the calculated speed exceeds the enforcement threshold, the vehicle has exceeded the speed.

Jenoptik is grateful for the work to strengthen Prince George's County's speed monitoring program on Maryland Route 210 by increasing civil penalties for violations. Our speed monitoring systems are a highly effective tool in improving compliance and we share in the goal to save lives.

The MD 210 Indian Head Highway Traffic Safety Committee (the Committee) requested that Jenoptik sponsor a legislative breakfast to explore point-to-point enforcement (also referred to as average speed enforcement) during the 2025 interim. We discussed the benefits of point-to-point enforcement and demonstrated how the systems work together: **by encouraging compliance over an extended stretch of roadway rather than at a single point, point-to-point enforcement reduces speeding behavior in a sustained manner.** This leads to measurable safety improvements, including lower average speeds and a reduction in the severity of collisions. The data collected also provides the County with valuable insights into traffic flow.

This legislation is designed to strengthen the deterrent effect of these enforcement tools with the hope of discouraging reckless driving. The MD 210 Indian Head Highway Traffic Safety Committee has worked to pass legislation and now sees point-to-point enforcement as a long-term solution to combat the persistent speeding problem on this critical corridor.

We testify that our advanced speed monitoring technology provides accurate, reliable, and fair enforcement, ensuring that only legitimate violations are cited. We urge the committee to give this bill a favorable report. Thank you for your time and consideration. We are happy to work with our engineers to answer any technical questions you may have regarding the technology.

Katie Nash on behalf of Jenoptik/301.524.9142 (cell)

About Point-to-Point Speed Enforcement

As a testament to our creativity and solution building, Jenoptik is a pioneering force in the development and implementation of point-to-point speed enforcement technology, also known as average speed enforcement. In fact, we piloted a demonstration pilot on Indianhead Highway (210) in Prince George's County in 2025.

Jenoptik's point-to-point enforcement solutions have undergone rigorous testing and have proven effective in reducing speeding violations and fatal crashes in various international jurisdictions, including the United Kingdom, Italy, the Netherlands, Austria, Switzerland, and Australia. Independent evaluations have documented reductions in speeding violations of up to 70 percent and declines in fatal crashes approaching 50 percent within enforced corridors. These results unequivocally demonstrate that sustained speed reduction saves lives, and Jenoptik is committed to bringing this life-saving technology to the United States.

As a new enforcement methodology in Maryland, our team respectfully submits additional information regarding the “how” this program could work.

1. The system determines vehicle speeds using a combination of automated license plate recognition, artificial intelligence, and precise time synchronization. As a vehicle passes the entry camera, its license plate is read and context images are captured, with encrypted metadata and timestamps sent to the Back Office Facility (BOF).
2. When the same vehicle passes the exit camera, the process is repeated. The BOF then calculates the average speed by comparing the travel time against the known distance between the two points.
3. If a violation is detected, the BOF requests evidential images and data, which are compiled into an encrypted file for processing. This ensures that every violation is supported by verifiable, tamper-proof evidence.

The company's system architecture prioritizes privacy and data security, with all captured images and timestamp data encrypted at rest and managed under strict retention policies that comply with international privacy standards. Jenoptik has adapted its field-tested point-to-point systems to U.S. regulatory environments and roadway geometries.