

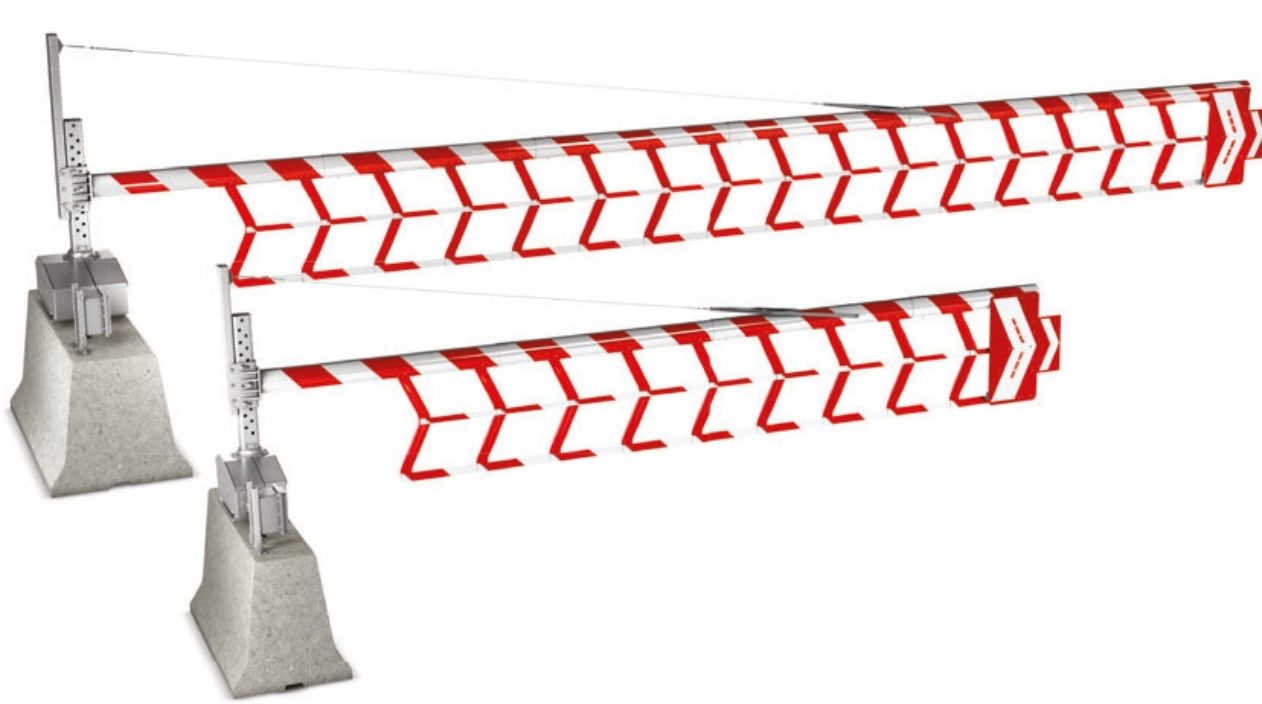


Automated Lane Closure Solutions

With more than 30 years of experience in highway safety, Versilis has developed various automated motorway access control solutions that meet the highest industry standards. Road authorities have adopted our solutions to increase the safety and efficiency of their traffic operations. With motorist and operator safety in mind, Versilis engineers bring experience and ingenuity to each project, from planning to installation, testing, and training.

Products

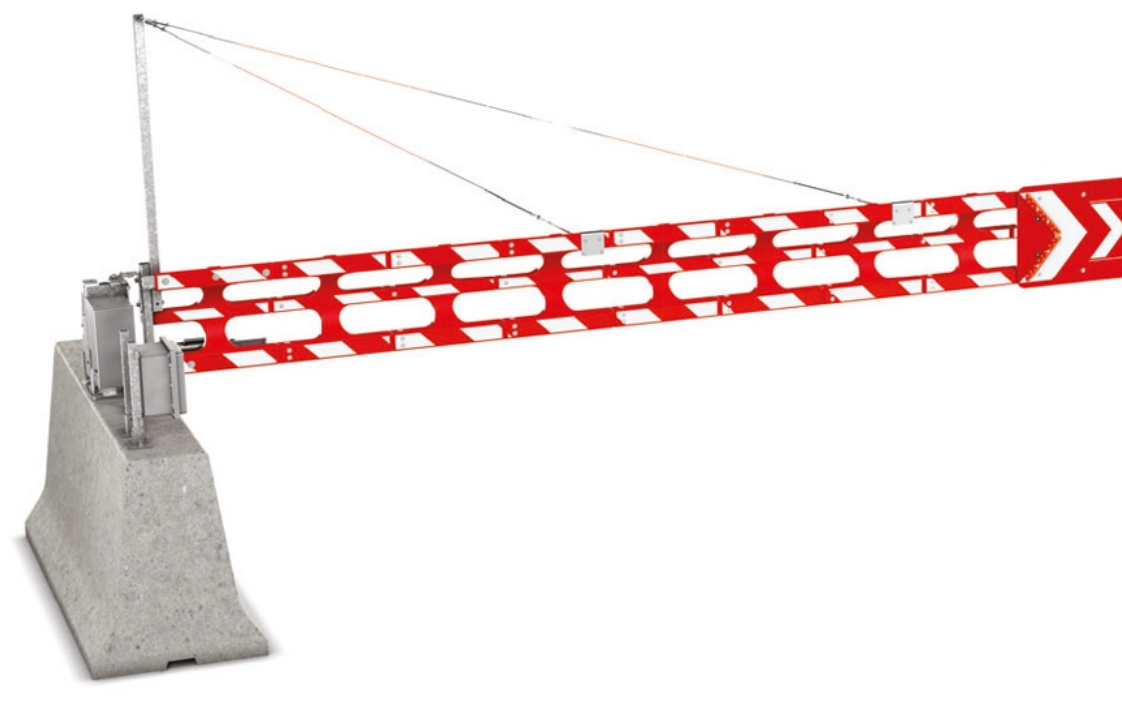
Automated Gates



SwiftGate HSG-22/40CW

- Horizontal crashworthy pivoting gates (from 1.2 m to 12 m)
- Crash tested to MASH requirements
- Designed per AASHTO LTS-6 2013
- Ideal to channelize traffic

*Patented **CE**

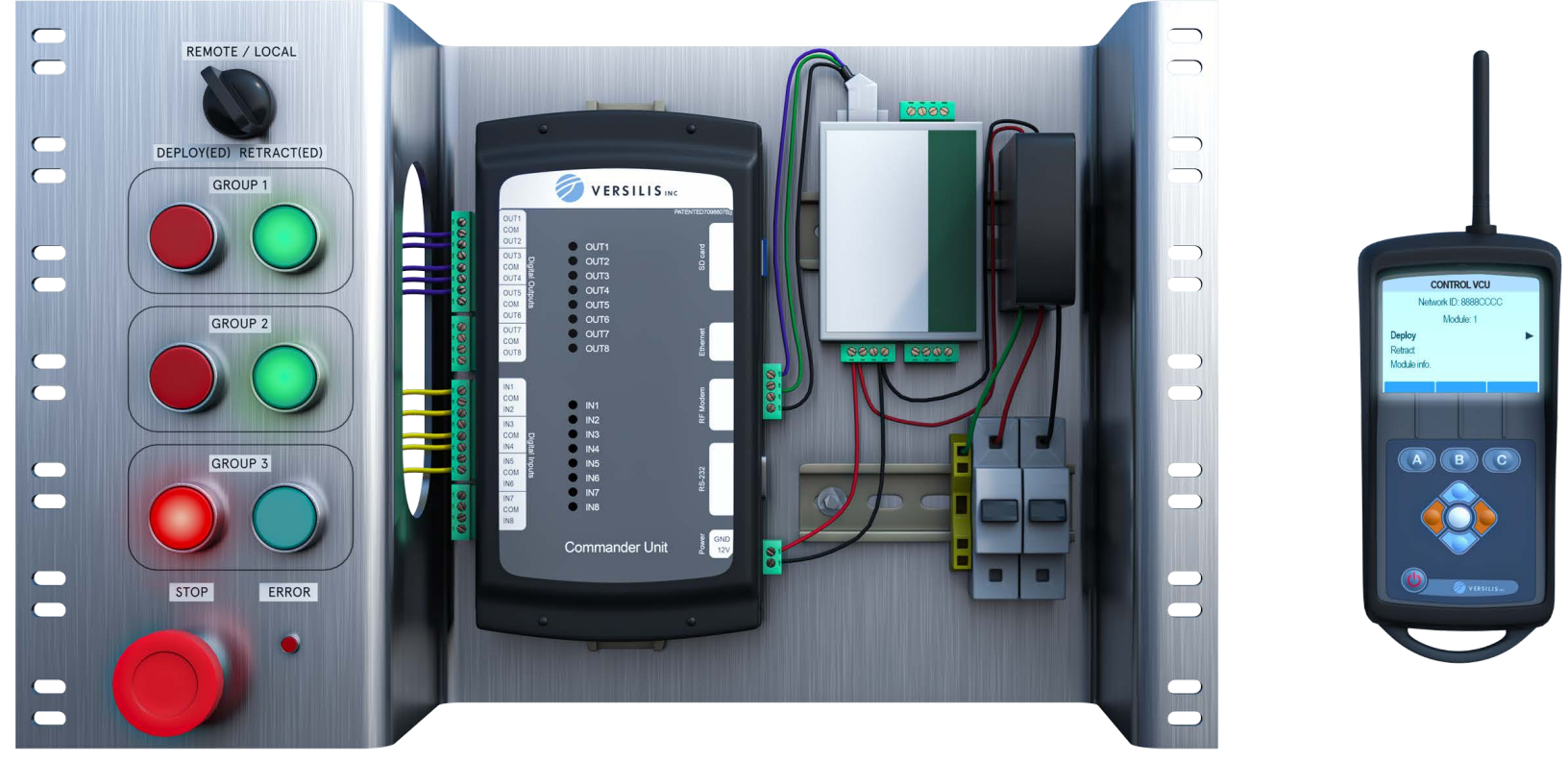


SwiftGate HSG-18CW

- Horizontal crashworthy pivoting gate (from 0.6 m to 5.5 m)
- Crash tested to MASH requirements
- Ideal to channelize traffic

*Patented **CE**

Control & Monitoring



Turnkey Local and Remote Control & Monitoring

Clients choose the Versilis Commander and the Versilis Smart Handheld Controller to control and monitor ITS field devices, supplied by Versilis or others. Visit our website or contact us to learn how our solutions can help simplify integration and reduce implementation costs.

- Local and remote control options for all products
- Developed and tested for roadway applications
- Highly configurable for any standard operating procedures

A3 Hindhead Tunnel, England



Versilis was selected by National Highways, in partnership with Kier and Highway Care, to implement an automated lane closure system on the north and southbound carriageways of the tunnel. Manual lane closures were previously performed by road workers deploying traffic control equipment in live lanes. Now, with use of Versilis products, two series of automated warning gates facilitate the lane shifts required as part of tunnel closure operations.

Versilis SwiftGate system is part of the UK's first automated lane closure system deployment at the A3 Hindhead Tunnel. Tunnel operators use automated warning gates installed at both tunnel approaches to safely filter traffic out of the lane during planned maintenance closures and incidents. This new system improves road worker safety by removing the need to manually mark lane closures.

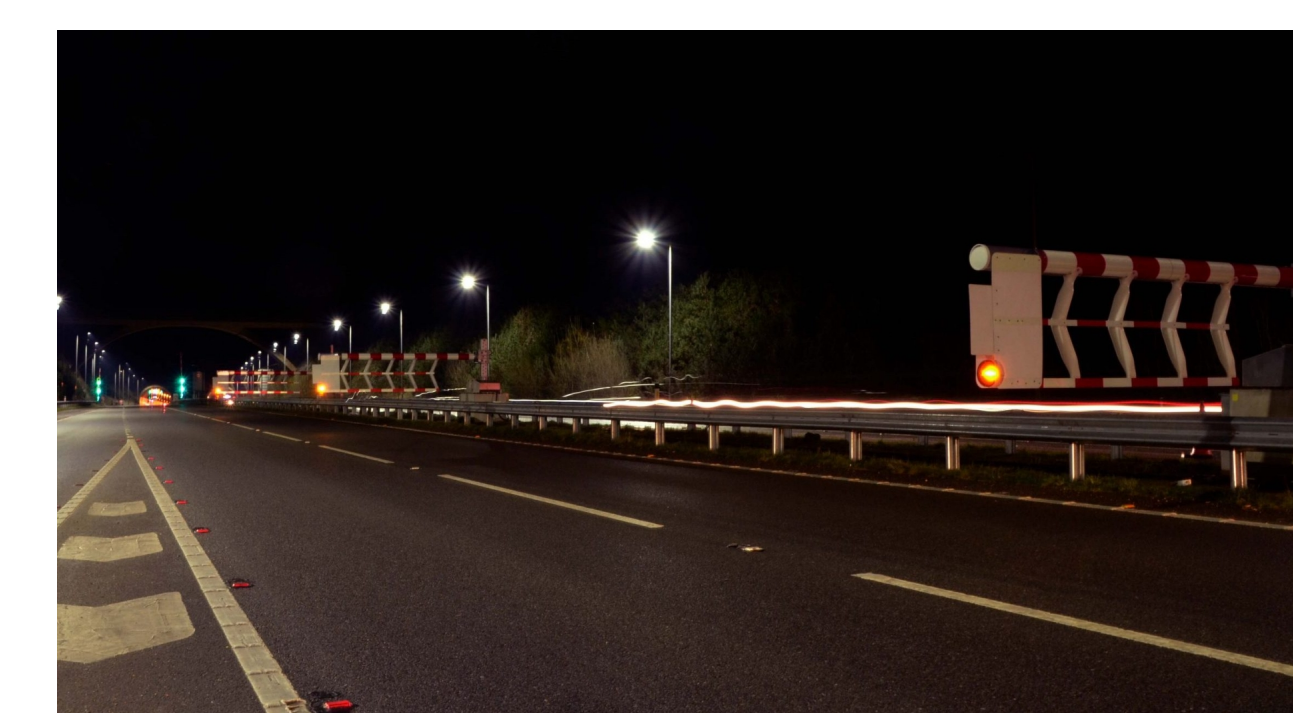
As well as avoiding the need for workers to manually set out tapers, the highly visible gates help prevent incursions, particularly at night when maintenance operations are performed. In 2019, there were 14 vehicle incursions into the Hindhead Tunnel during roadworks, which put the lives of roadway workers at risk. A lane closure can now be deployed in five minutes using Versilis' Smart Handheld Controller, improving maintenance operational efficiency and reducing disruption for road users.

Safety Benefits

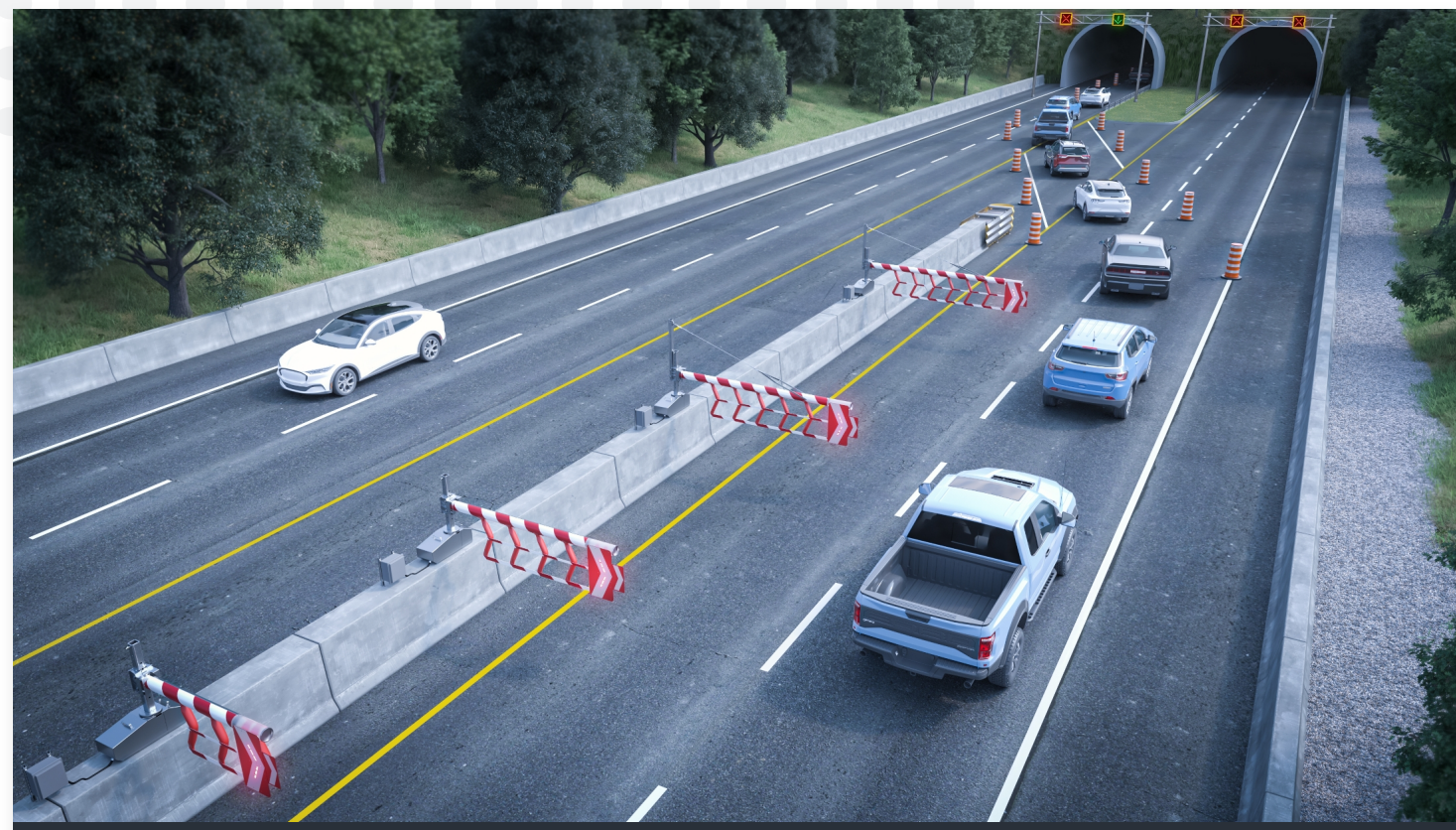
- Reduced worker exposure to live traffic
- Increased motorist compliance
- Increased traffic fluidity

Operational Benefits

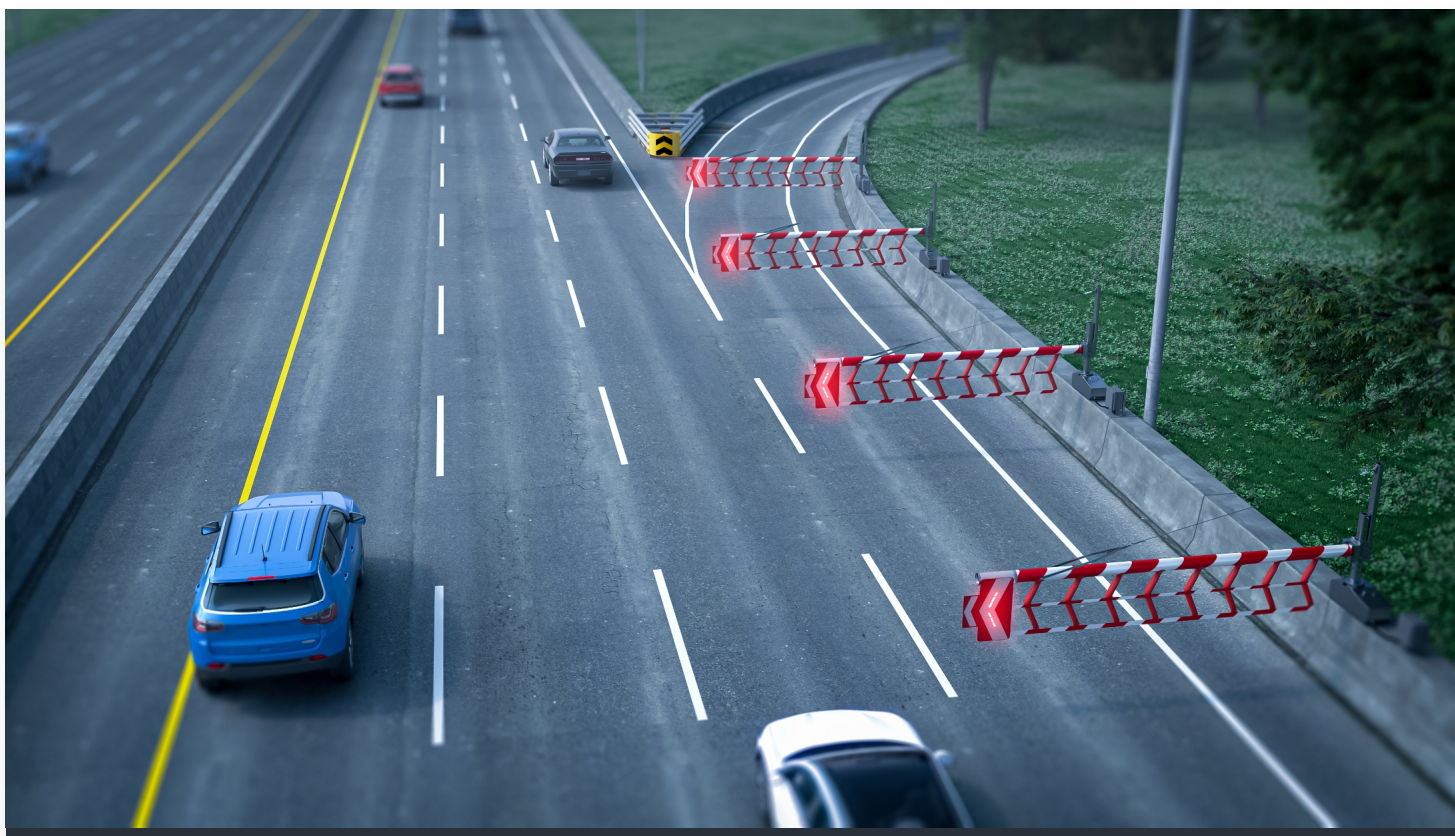
- Reduced time to setup and breakdown closures
- Increased working window
- Reduced operational costs
- Reduced fleet requirements and carbon emissions



Applications



Tunnel & Bridge Approaches



Ramp Closures



Flooded Roadways



Movable Barrier Operations

Importance of High Visibility Gates

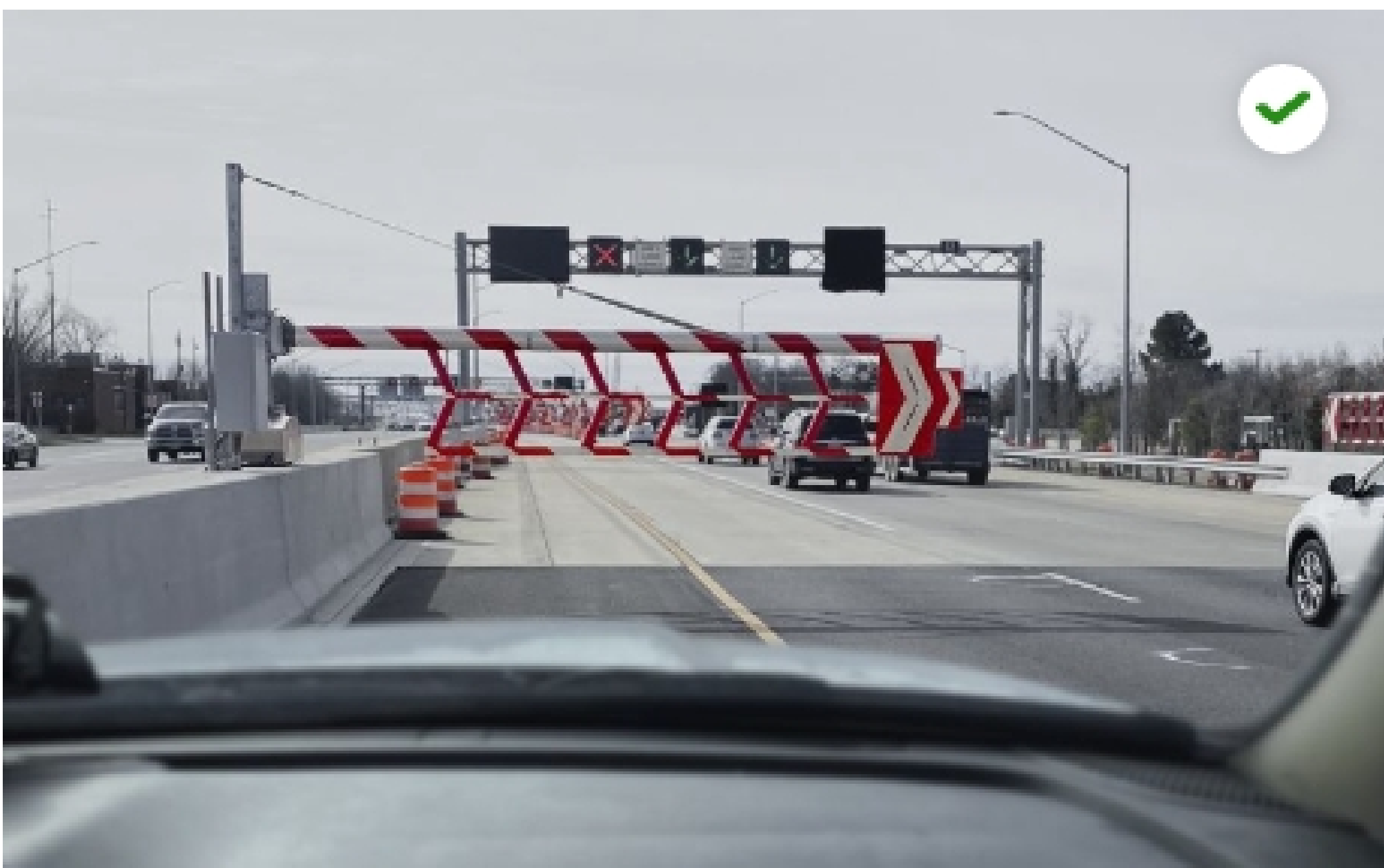
While the use of highly visible gates is essential to ensure motorists safety, it is also a critical feature for operators, as it maximizes compliance, reduces the risk of incidents, and consequently the need for repairs and maintenance.

Safety Benefits

- Reduced number of incidents
- Reduced maintenance interventions
- Reduced operational costs



Railway type gate



VERSILIS



Our Services

Standard Services

Transportation Agencies, designers, and contractors can count on Versilis’ exceptional support at all project stages. We are proud to be a partner contributing to your project success.

Additional Services

Designers, contractors, and system integrators can benefit from Versilis’ communication integration expertise and services to deliver value and reduce risk.

STEP 1 →

Concept

GUIDANCE & KNOWLEDGE SHARING

- Suggested gate layout
- Street view renderings
- Safety guidelines
- Budgetary pricing

STEP 2 →

Design

DESIGNER TECHNICAL SUPPORT

- Standard mechanical drawings
- Standard wiring block diagrams
- Project specific drawings*

STEP 3 →

Build

TIME TO DELIVER

- Project coordination
- Project Submittal Package
- Project specific manuals
- Product manufacturing
- Detailed ITS communication integration design*
- ITS Integration Test Lab for client software developers & tech support*

STEP 4

Delivery

TIME TO MAKE IT WORK

- Material delivery
- Installation support
- Proof of performance test
- Integration test support
- On-site training
- System integration test*
- SOP testing and training using ITS Integration Test Lab*

* Available as additional services