



Automated Lane Closure System

Versilis is a leading manufacturer of automated gates and highway warning systems designed to protect roadway workers and travelers.

30+

Years of experience
in road safety

1000+

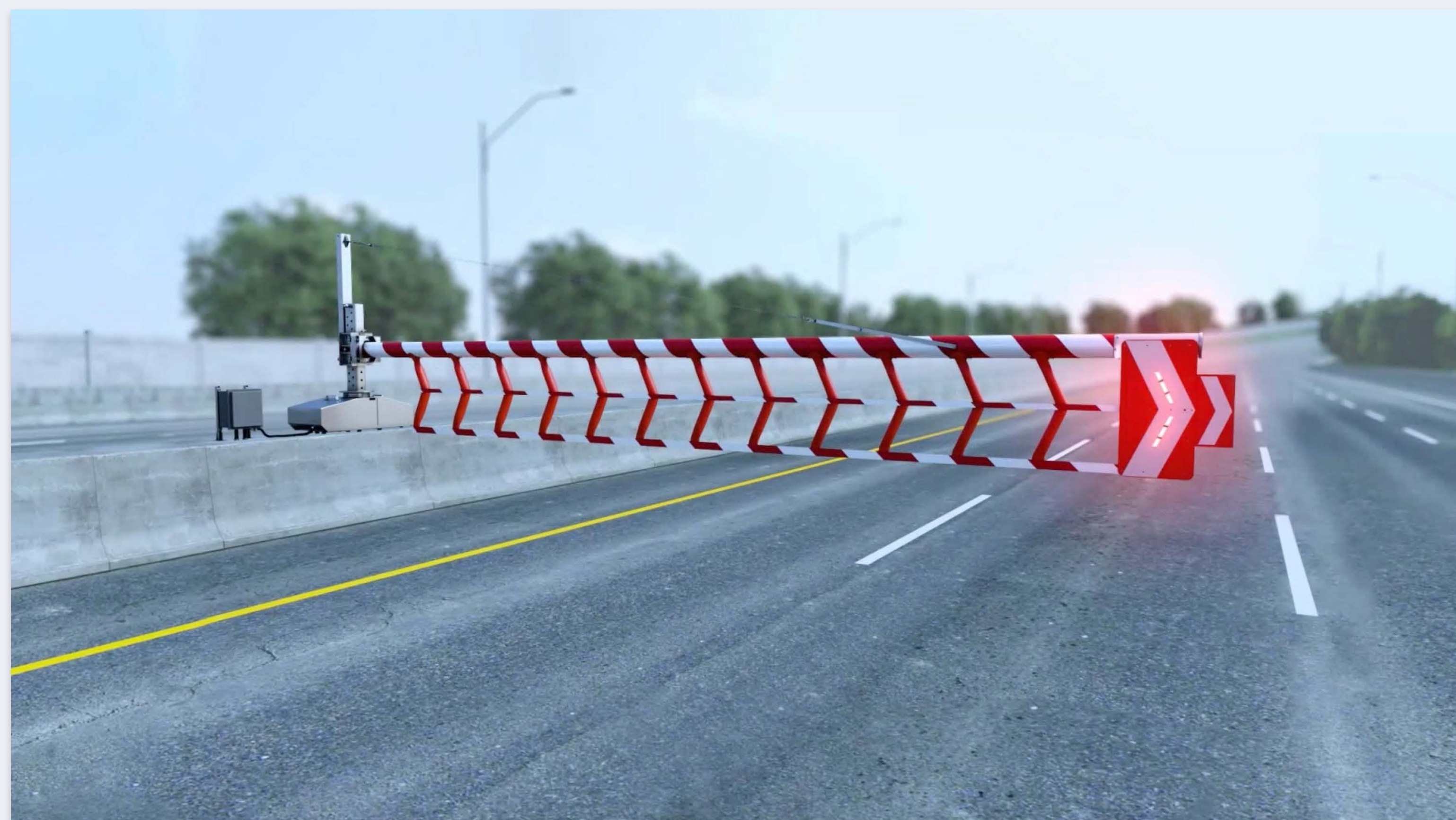
Gates installed

22+

Road authorities have
implemented our
lane closure solutions



Automated Lane Closure Gates



**Patented*

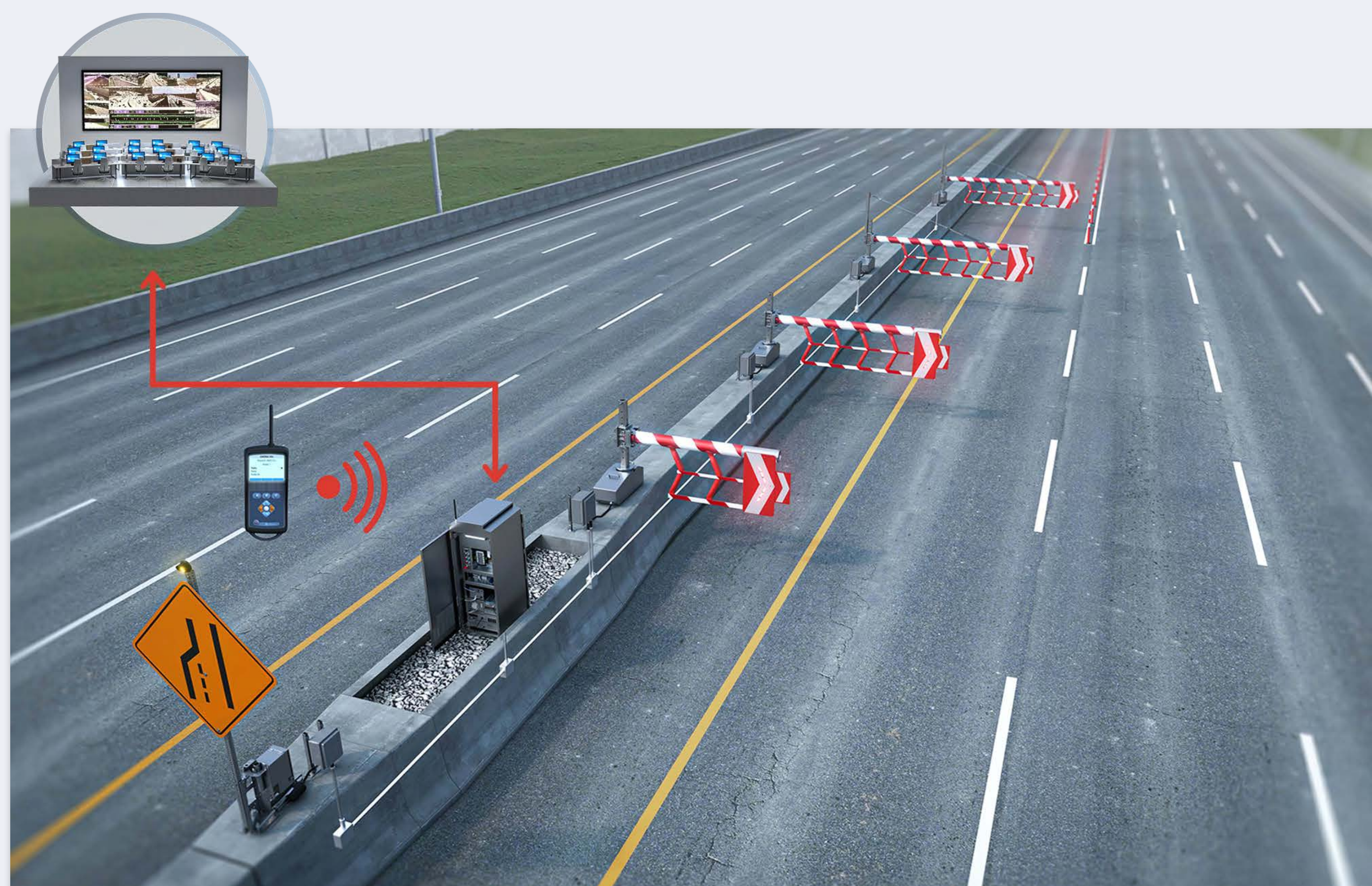
SwiftGate™

- Horizontal pivoting gate (arm length 2ft to 40ft)
- Crash tested to MASH TL-3 requirements (tests 3-71 and 3-72)
- Highly visible for improved compliance
- Integrated local and remote control options
- Ideal to channelize traffic on high speed facilities

Safe & Efficient Lane Closures

Versilis SwiftGate is a horizontal pivoting warning gate. Often used as a channelizing device, gate models HSG-18CW, HSG-22CW & HSG-40CW have been crash tested according to MASH TL-3 requirements (tests 3-71 and 3-72) and are therefore deemed safe for installation in high speed facilities.

The SwiftGate is highly visible to motorists, using reflective sheeting surfaces that face traffic and flashing LED lights. Highly visible gates send a clear message to road users that a lane is closed, resulting in fewer incidents. The Versilis gate arm and end chevron offer at least 4x more retroreflective sheeting surface than a typical railway type gate.

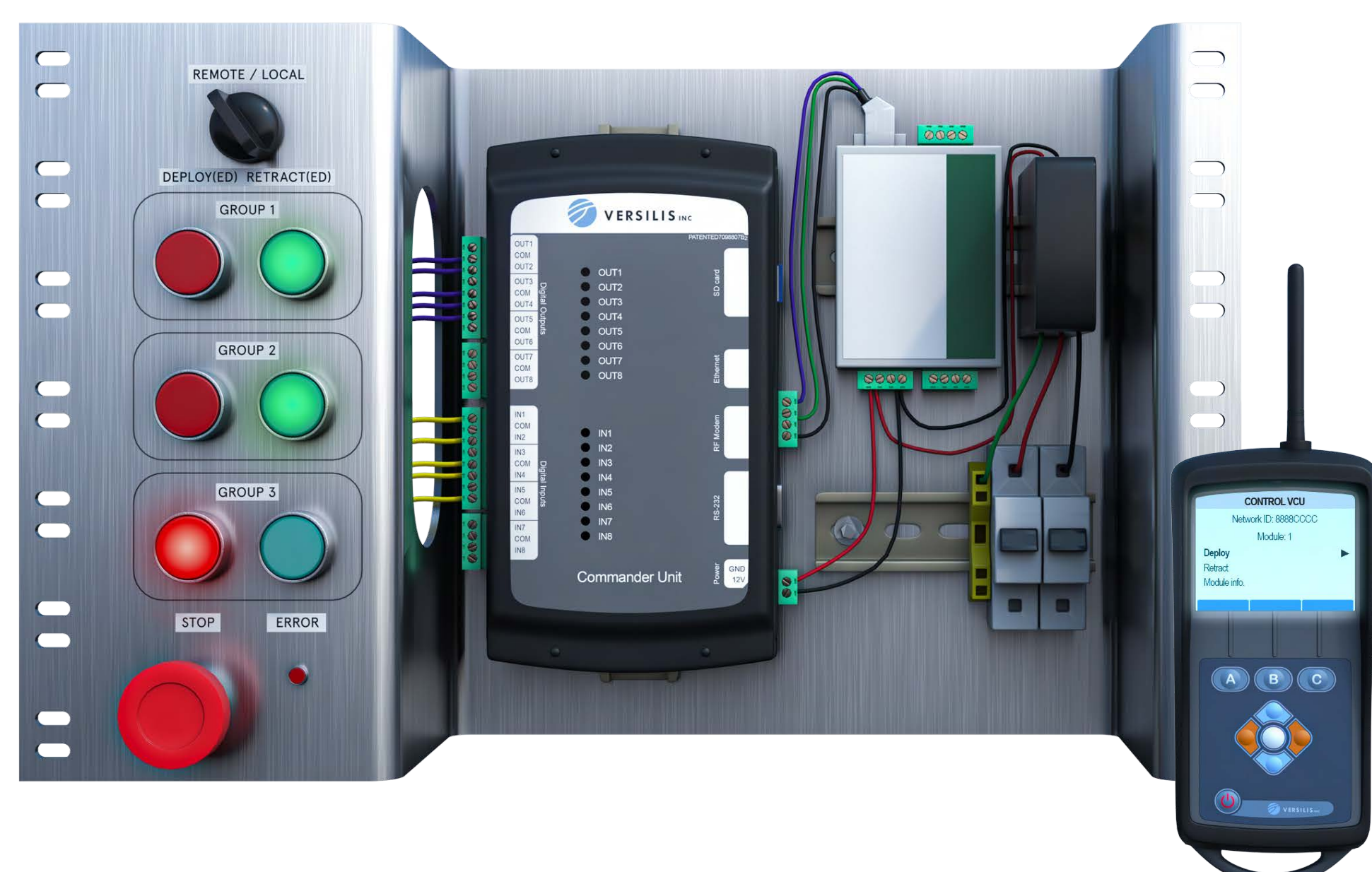


Complete System

An automated lane closure system typically includes automated warning signage, gates, and an integrated control solution. Versilis offers all system components for ease of integration and reduced implementation costs.

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

Chesapeake Bay Bridge

Automated Lane Closure System - Annapolis, Maryland



Overview

Versilis was selected by the Maryland Transportation Authority (MDTA) to implement an Automated Lane Closure System (ALCS), to replace the existing manual maintenance of traffic (MOT) operations.

Project Scope

The Bay Bridge ALCS was constructed to improve opening and closing lanes including contraflow traffic operations on the bridge. Previously, two-way traffic operations were performed manually with cones and barrels. More recently, MDTA decided to implement an automated operation allowing maintenance crews to manage traffic remotely on both sides of the bridge according to the required lane configuration.

I-30 East Reversible HOV Lane

Movable Barrier Lane Closures - Dallas, Texas



Overview

In 2015, Versilis implemented an automated lane closure solution to enhance the safety and efficiency of the daily traffic control required to deploy the contraflow lane.

Project Scope

Since 2015, a total of 47 horizontal warning gates have been deployed and retracted on a daily basis to automate five different access points, significantly enhancing the safety and efficiency of the critical movable barrier operation. Versilis system's wireless communication and solar power option were vital components that contributed to the project's success, reducing costs associated with communication and power wiring.

Safety Benefits

- Reduced worker exposure to live traffic
- Increased motorist compliance
- Reduced crashes and superior incident response
- Increased traffic fluidity

Operational Benefits

- Reduced time to setup and breakdown lane closures
- Reduced traffic control costs
- Improved staff resources deployment
- Reduced congestion associated with manual lane closure operations

Versilis North American Projects

Dallas, TX
San Diego, CA
New York, NY

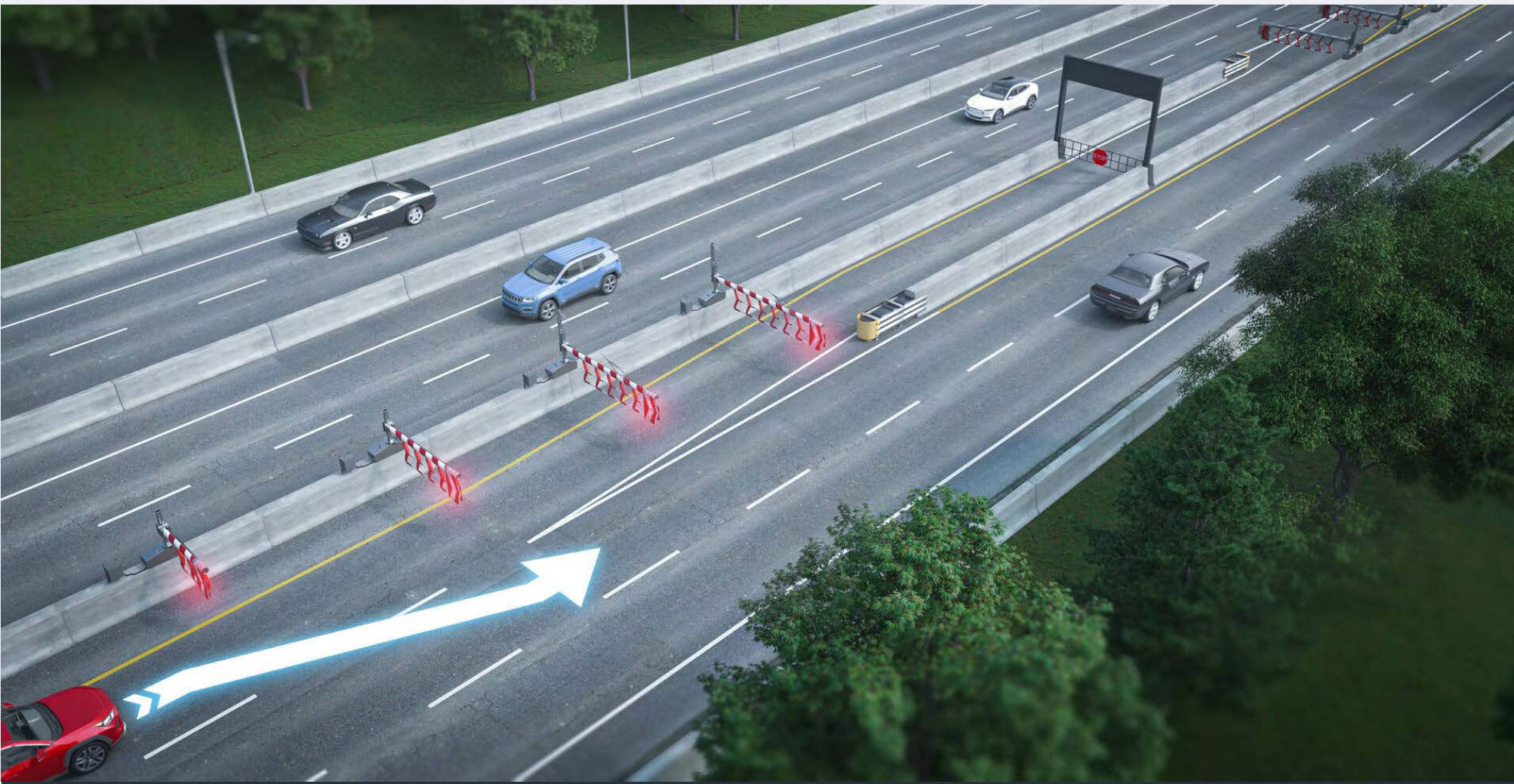
Boston, MA
Baltimore, MD
Pittsburgh, PA

Phoenix, AZ
Miami, FL
New Orleans, LA

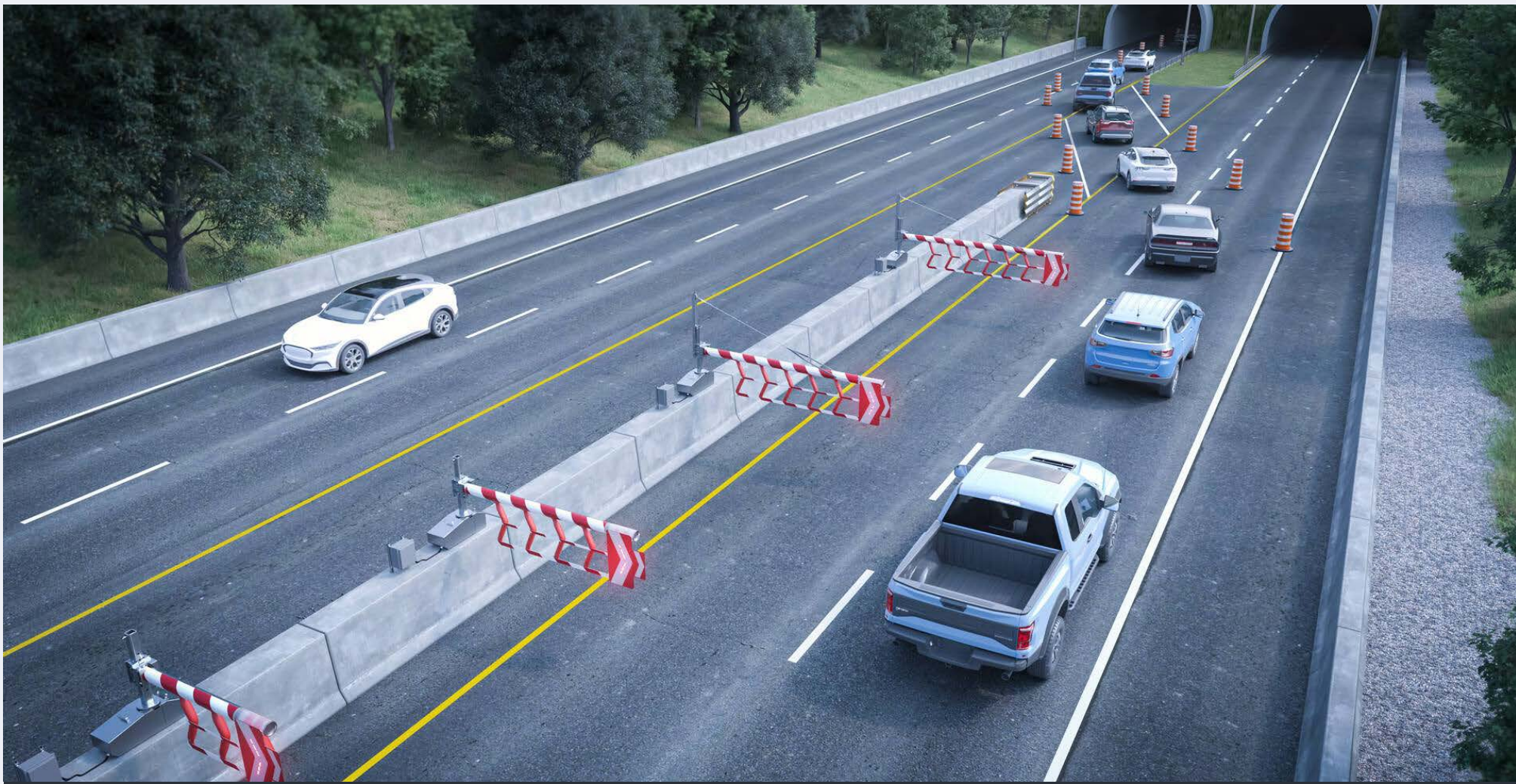
Portland, OR
Milwaukee, WI
Woodbridge, NJ

San Juan, PR
Toronto, ON
Montreal, QC

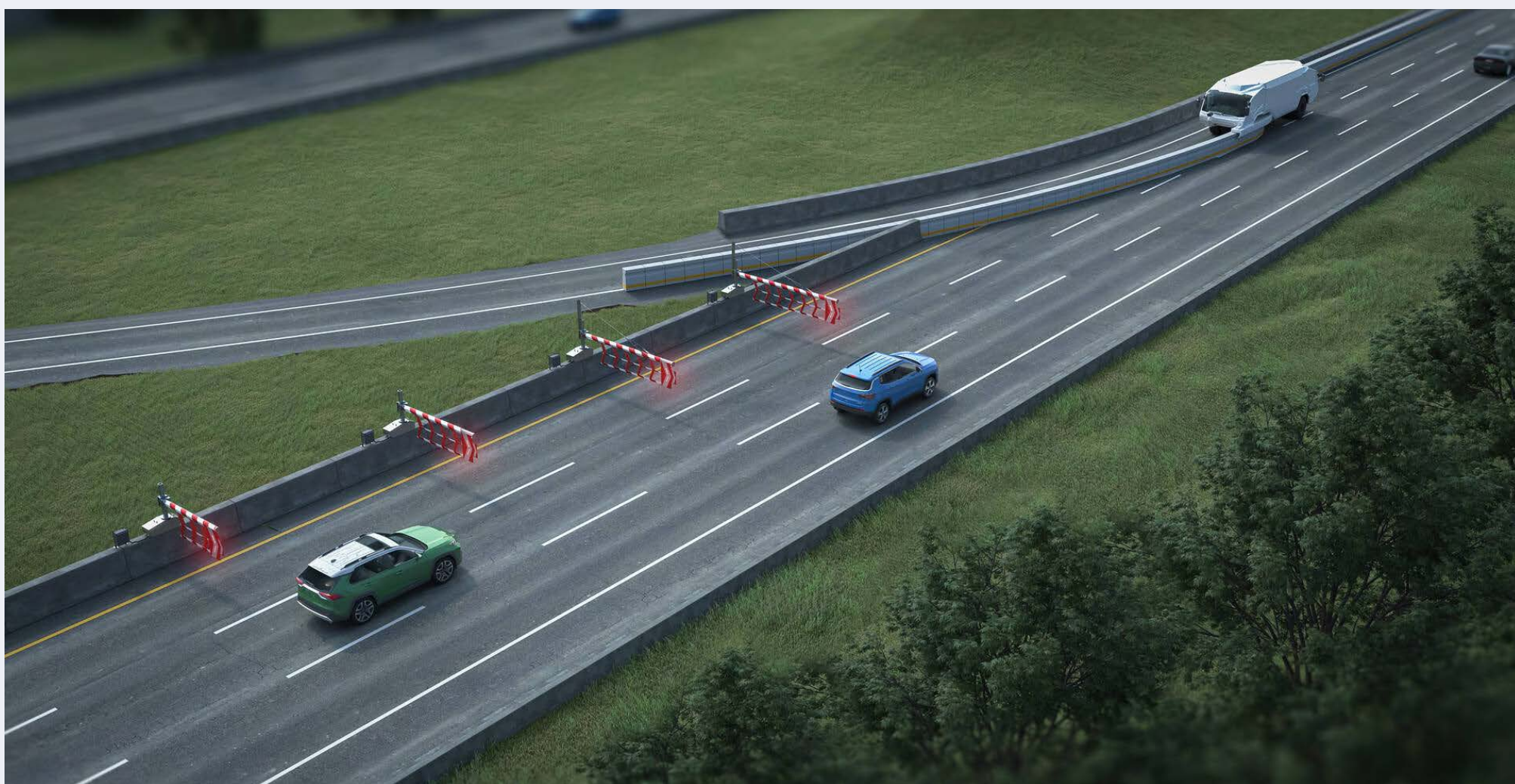
Applications



Reversible Lanes



Tunnel & Bridge Approaches



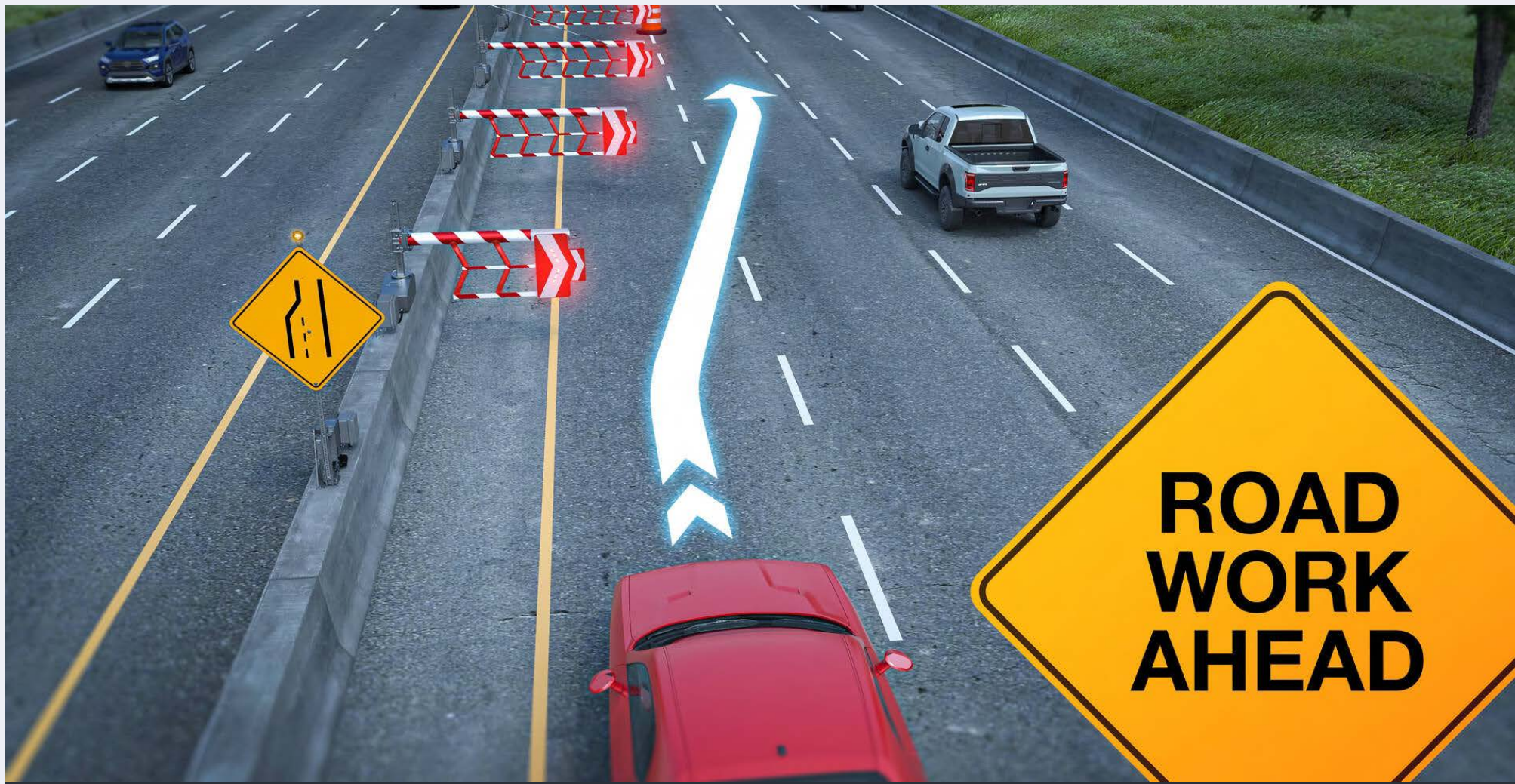
Movable Barrier Operations



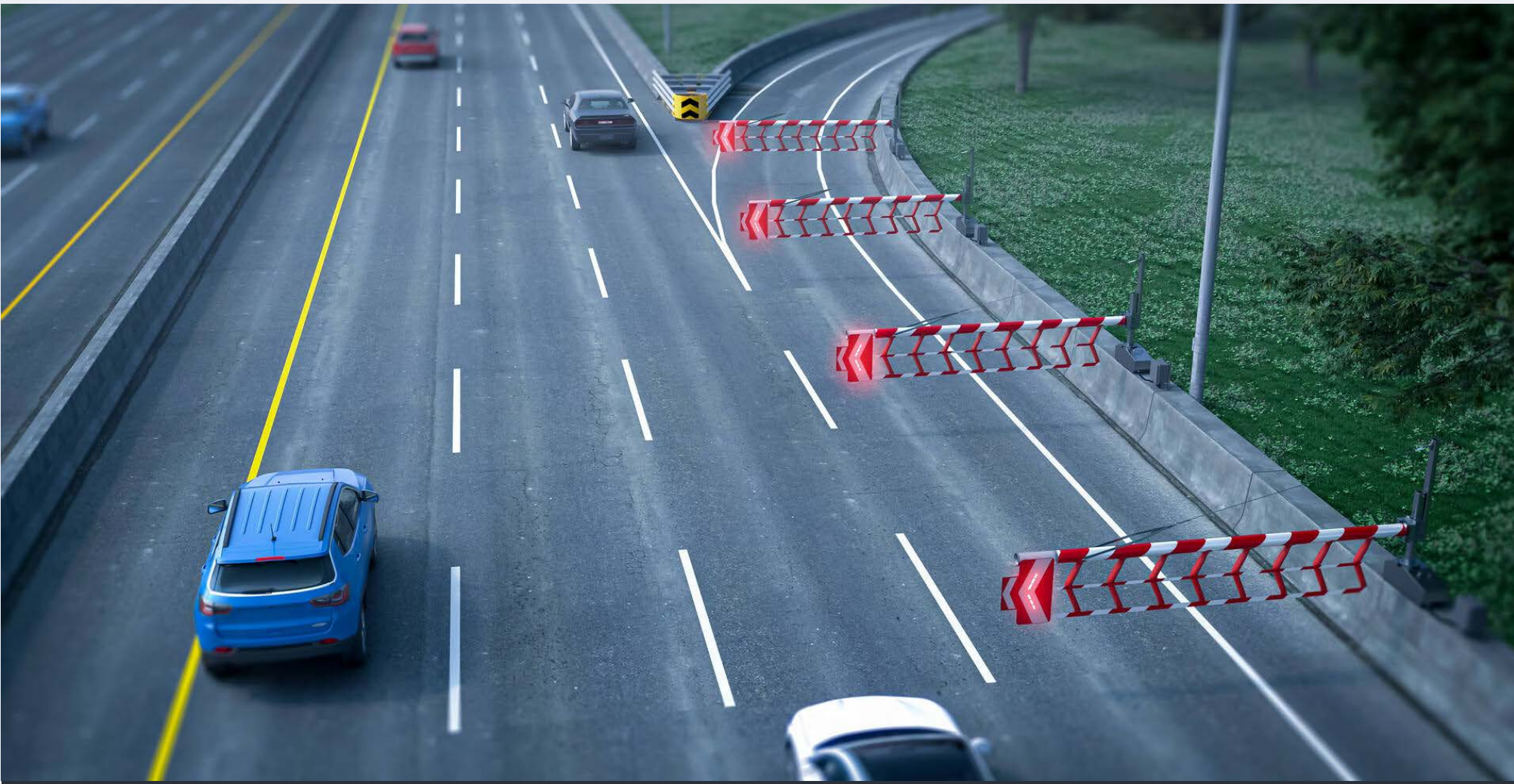
Express Lanes



Flooded Roadways



Work Zones



Ramp Closures

Our automated lane closure solutions are designed to meet a variety of application needs and can be tailored according to specific project requirements.

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	STEP 2	STEP 3	STEP 4
Concept	Design	Build	Delivery
GUIDANCE & KNOWLEDGE SHARING	DESIGNER TECHNICAL SUPPORT	TIME TO DELIVER	TIME TO MAKE IT WORK
<ul style="list-style-type: none">-Suggested gate layout-Street view renderings-Safety guidelines-Budgetary pricing	<ul style="list-style-type: none">-Standard mechanical drawings-Standard wiring block diagrams-Project specific drawings*	<ul style="list-style-type: none">-Project Submittal Package-Detailed ITS communication integration design*-ITS Integration Test Lab for client software developers & tech support*	<ul style="list-style-type: none">-Installation support & On-site training-Proof of performance test-System integration test*-SOP testing and training using ITS Integration Test Lab*

* Available as additional services



For more information, visit versilis.com