

## SMART LANE MERGE GATE

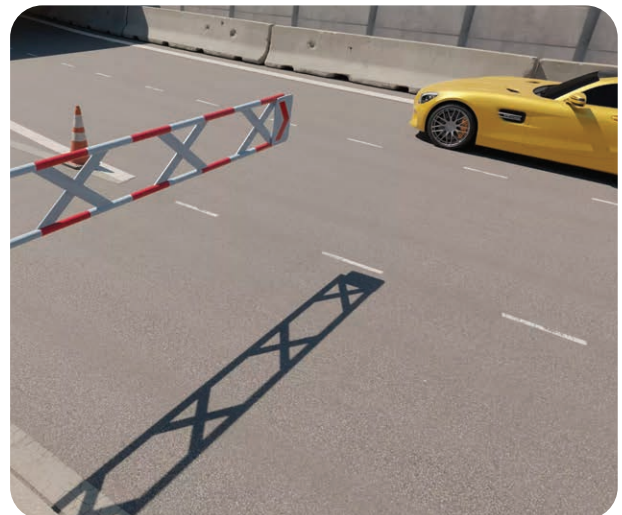
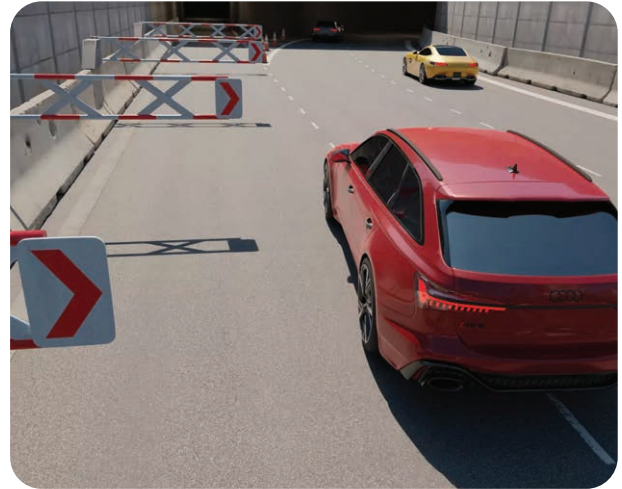
The Smart Lane Merge Gate (SLMG) is an Intelligent Traffic Systems (ITS) device suitable for the control of:

- Road and Tunnel Closures
- Emergency Contraflow Systems
- Incident Response
- Maintenance and Construction Access

The SLMG improves safety and traffic flow, whilst significantly reducing time and direct costs associated with roadway closures.

Packaged as a set of progressively longer merge gates, the SLMG arrays provide greater visibility over traffic cone or barrel alternatives, and eliminate the need for road crews operating in unsafe live traffic conditions.

Offering both jersey barrier and floor mounted options, the SLMG is ideal for consistent and repeatable solutions for dynamic traffic management.



- ✓ **EMERGENCY / INCIDENT MANAGEMENT**
- ✓ **ROAD / TUNNEL / BRIDGE MAINTENANCE**
- ✓ **MANAGED LANES**
- ✓ **REVERSIBLE LANES**
- ✓ **MEDIAN CROSSOVER & ACCESS CONTROL**
- ✓ **MULTI-VEHICLE CRASH PREVENTION**



**MASH CRASH-TEST**  
**\*CERTIFIED\***

## BENEFITS/FEATURES

- Automatic closures and lane tapering remove the need for on-site crews, work vehicles, traffic cones, and barrels from the roadway.
- Controlled remotely for quick and safe deployment.
- Crash-rated to MASH standard, the SLMG has been tested to 60mph / 100kph for highway use and improved motorist safety.
- Reflective aspects, lights, and chevrons for improved visibility and traffic control.
- Independent Gate Control via TMC, and portable in-vehicle remote allow maintenance and construction access to closed areas.
- Industry standard control and communication for monitoring and integrating with third party or alternate control systems.
- PLC controlled for higher safety and reliability
- Complete Lane Management solution that can integrate to existing hardware, or can be expanded using the full Traffic Tech ecosystem of products for Smart Tunnels and Motorways.

## ABOUT TRAFFIC TECH

Traffic Tech is a specialist provider of Intelligent Traffic Systems (ITS) products and solutions to transport industries across the globe.

Our 'Smart Tunnels and Motorways' Ecosystem provides key value for:

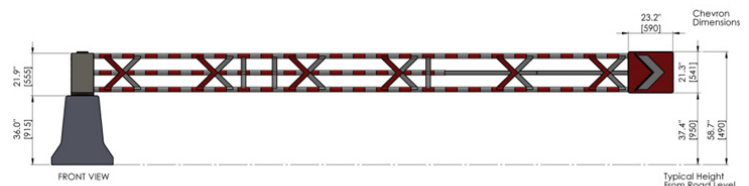
- Departments of Transportation / Toll Authorities
- Asset Owners / Operators
- Major Project Constructors / Joint Ventures / Engineering Contractors.
- Military Installations
- Ports

If you have an ITS challenge you'd like help with, please reach out. We'd love to hear from you.



## TECHNICAL OVERVIEW

System Size:	1-48 Gates
Gate Lengths:	15ft (1.5m) to 36ft (11m) (3 Lanes)
Gate Material:	Carbon Fibre
Housing Material:	Hot Dip Galvanised Steel
Gate Opening Time:	Adjustable: 4-30 seconds,
System Opening Types:	Full Control of all Gates - Concurrent, Sequenced, and Independent Control
Control Type:	External Control Centre, Local Pushbuttons, or remote control
Mount Type:	Jersey Barrier or Floor Mounted
Drive Type:	Electric actuator (IP65)



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