

## SMART LANE MOVEABLE MEDIAN

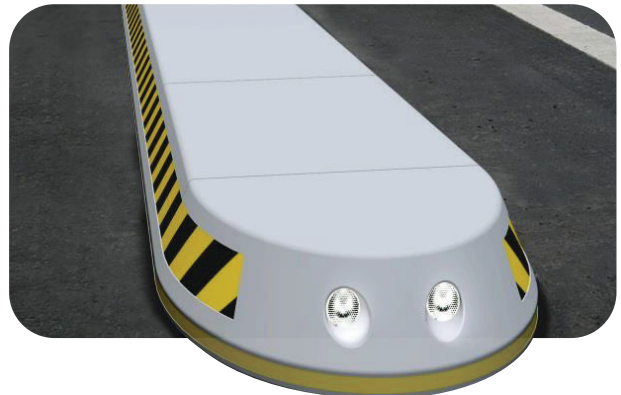
The Smart Lane Moveable Median (SLMM) is an Intelligent Transportation Systems (ITS) device suitable for automated control of:

- HOV / Managed / Reversible Lanes
- Tidal Flow or Contraflow
- Road, Tunnel, and Lane Closures
- Ramp and Exit Access

The SLMM is an automated median / channelizer that can move across the road surface. Configurable in lengths of up to 984ft (300m), Traffic Tech's SLMM is designed to be installed at specific locations to provide an effective means of redirecting and managing traffic.

The SLMM makes use of its own PLC based controller to operate as a standalone system. It can also interface to third party control systems such as local Traffic Management Centres or other Road Authority systems.

Ready for evolving traffic conditions, the SLMM can be deployed in a matter of seconds. This provides Authorities, Departments of Transportation (DOT's), and Traffic Management Centres, the ability to execute critical changes to the roadway configuration, facilitating greater flexibility, and more effective incident management.



**LANE CONTROL AND CONFIGURATION**



**SAFE CLOSURES AND DIVERSIONS**



**RAPID INCIDENT MANAGEMENT**



**INCREASED ROADWAY FLEXIBILITY**



**MASH TL3 COMPLIANT**

## BENEFITS/FEATURES

- Automated lane configuration, contraflow, or tidal flow, removing the need for road crews and their vehicles.
- Automated road and tunnel closures for rapid and reliable traffic redirection.
- Crash Tested to MASH TL3, the SLMM provides unparalleled levels of safety.
- Smart positioning system for reliable and accurate operation.
- Reflective aspects, lights, and chevrons for improved visibility and traffic control.
- Standalone PLC based industrial control system for higher safety and reliability.
- Industry standard communication interfaces for control and monitoring from any third party control system.
- Integrates directly with Traffic Tech's Smart Lane Traffic Management Solutions, ITS Subsystems, and Expanse Integrated Road Systems.

## ABOUT TRAFFIC TECH

Traffic Tech is a specialist provider of Intelligent Transportation Systems (ITS) products and solutions to global markets.

Our Smart Lane range of traffic management solutions provides key value for:

- Departments of Transportation / Toll Authorities
- Road Asset Owners / Operators
- Construction Groups / Major Project Consortiums / Engineering Contractors
- Airports / Military Installations / Ports

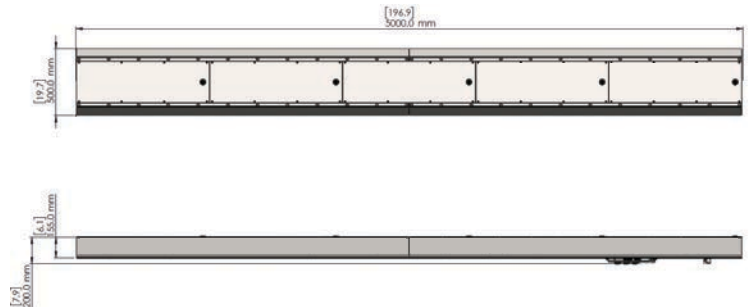
If you have an ITS challenge you'd like help with, please reach out. We'd love to hear from you.



# TRAFFIC TECH

## TECHNICAL OVERVIEW

|                         |   |
|-------------------------|---|
| Total Median Length:    | Specific to Application:<br>49.2 ft (15m) to 984ft (300m)             |
| Module Dimensions:      | 196.9" (L) x 19.7" (W) x 5.9" (H)<br>5000mm (L) x 500mm (W) x 159 (H) |
| Module Material:        | Galvanised Steel  |
| Protective Finish:      | 3 Part Epoxy White Paint  |
| Mechanical Design life: | 20 Years  |
| Opening Time per Lane:  | Configurable: 6-20 Seconds  |
| Drive Motor Type:       | Electric Motor  |
| Voltage:                | 400-415 VAC   |
| Drive Motor Control:    | Servo Drive   |



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