

# *Virtual Temporary Traffic Management – a world without cones*

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# Principles of Traffic Management

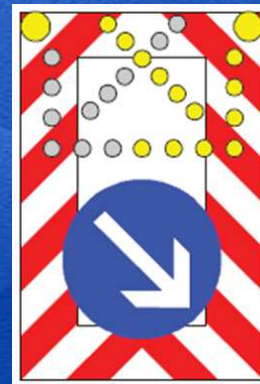


**Safety**



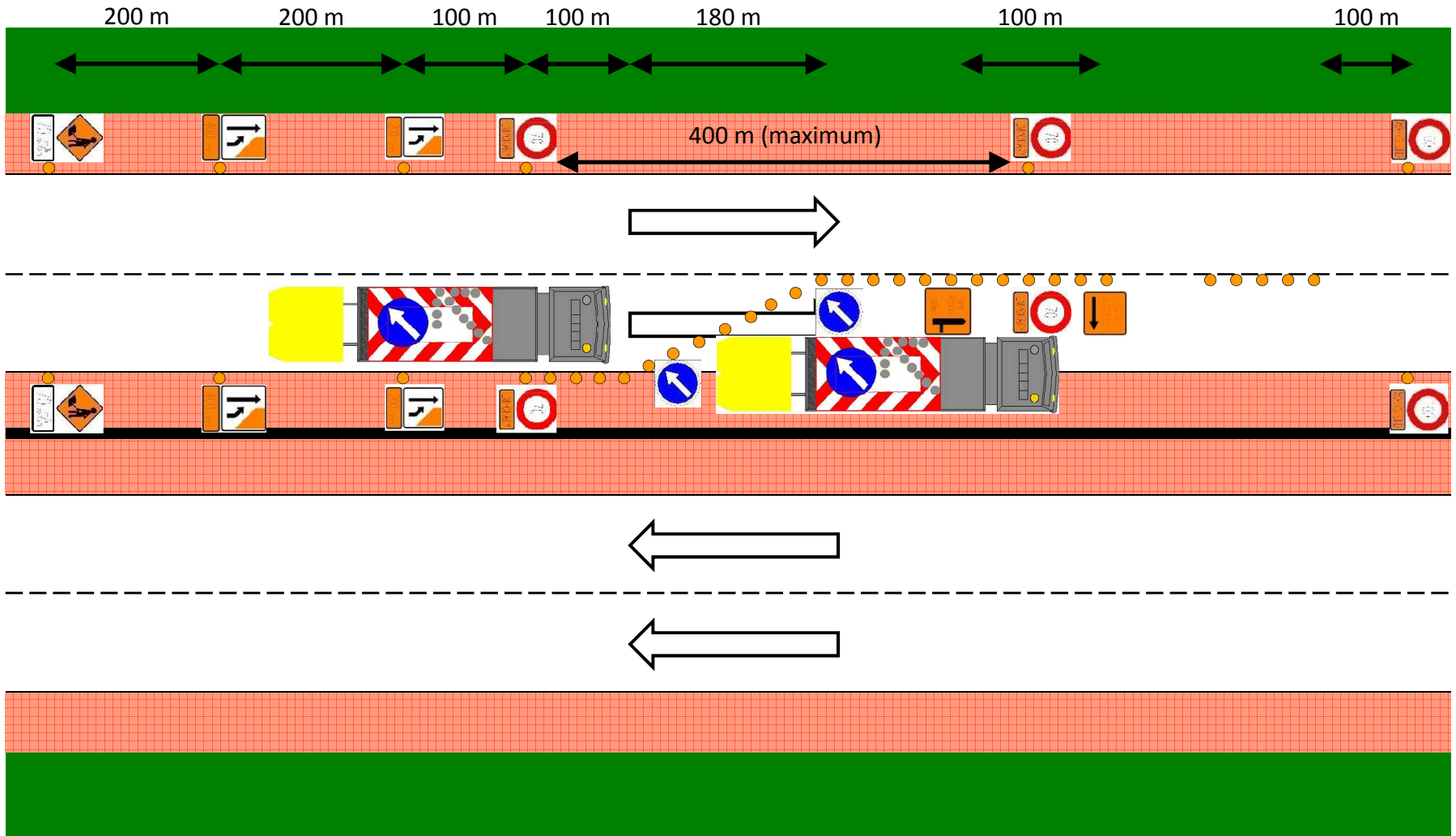


Cost

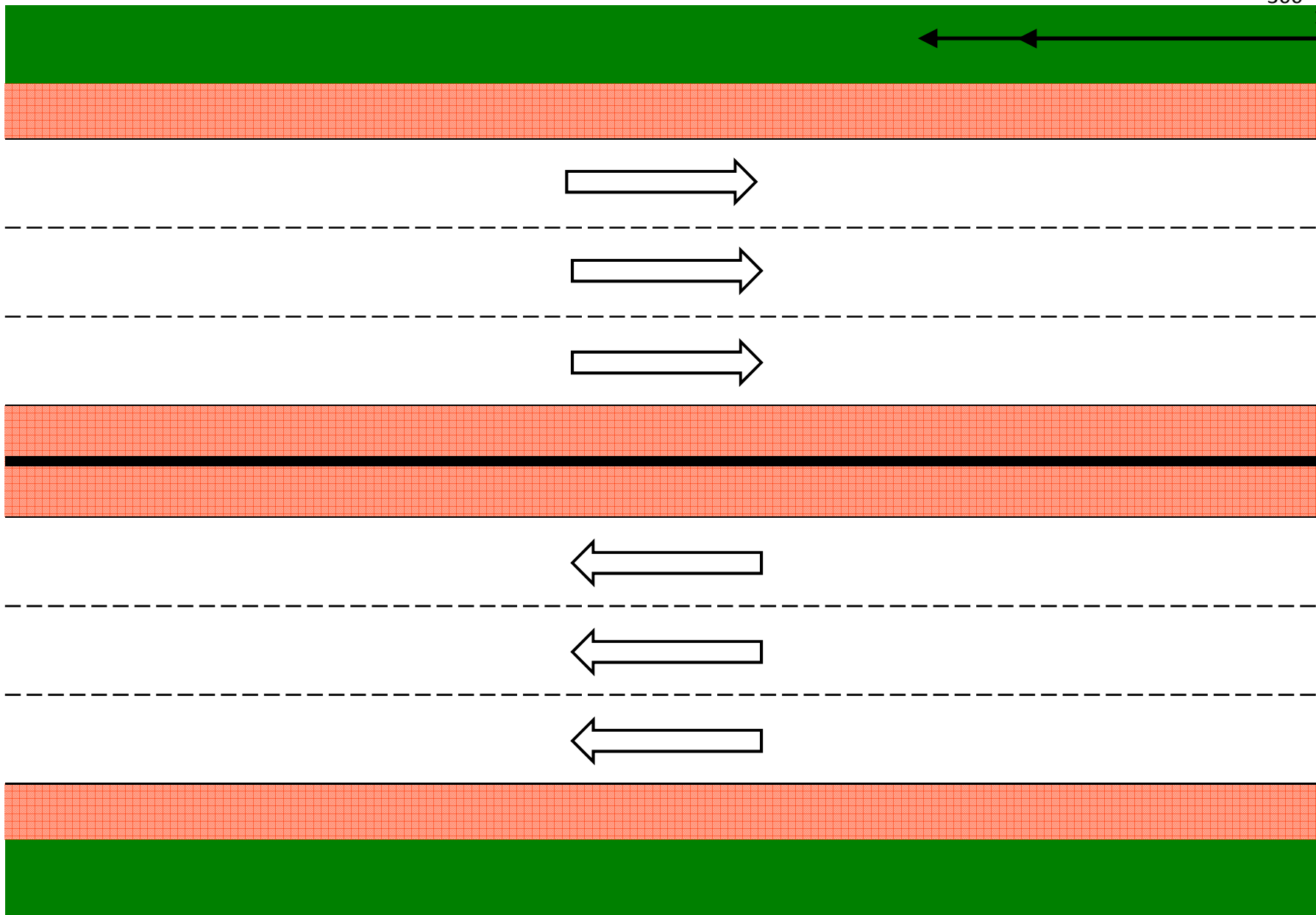


# Time





300 - 900 r  
100 -

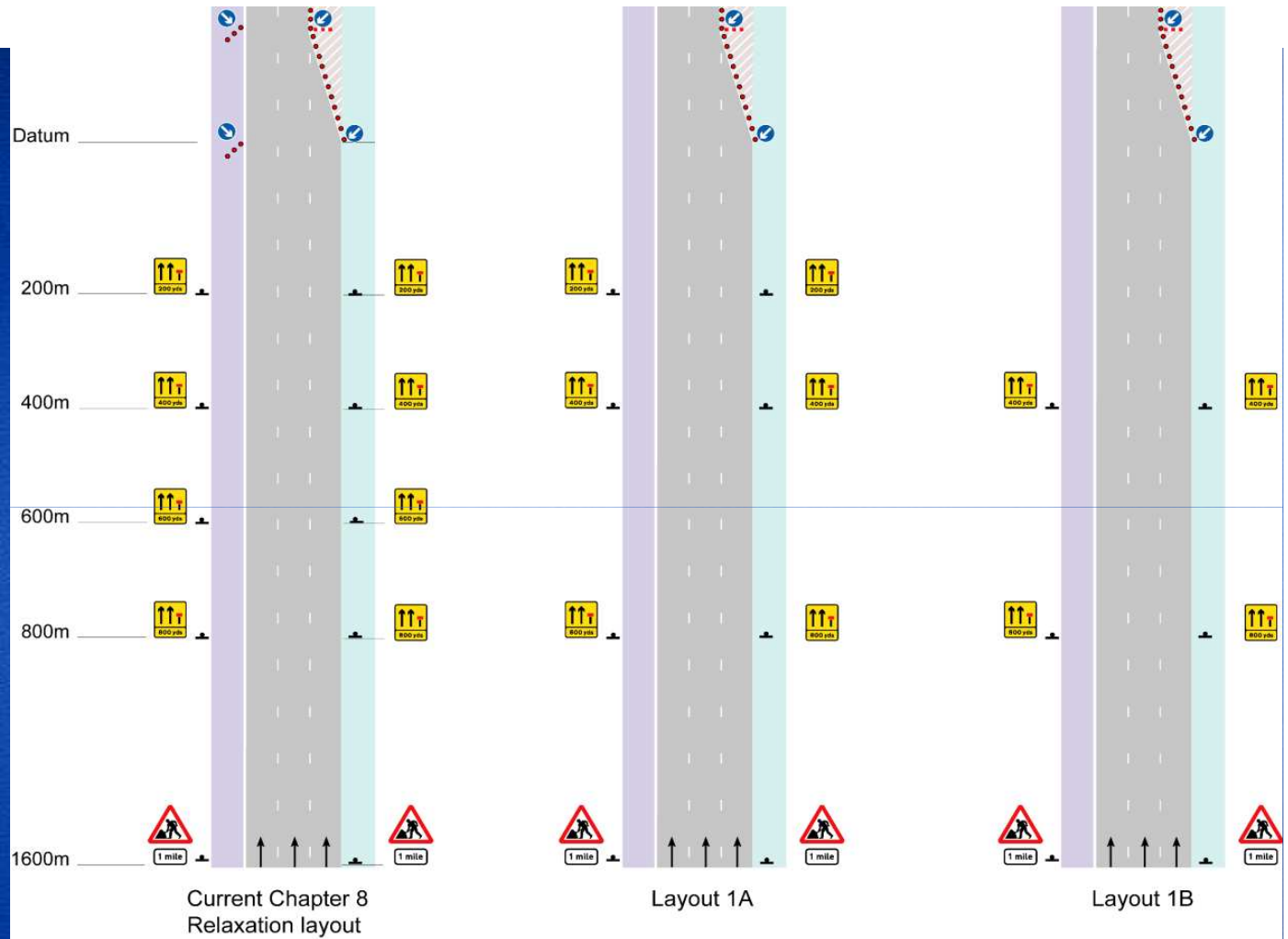


How can we provide  
better value for money  
without compromising safety?

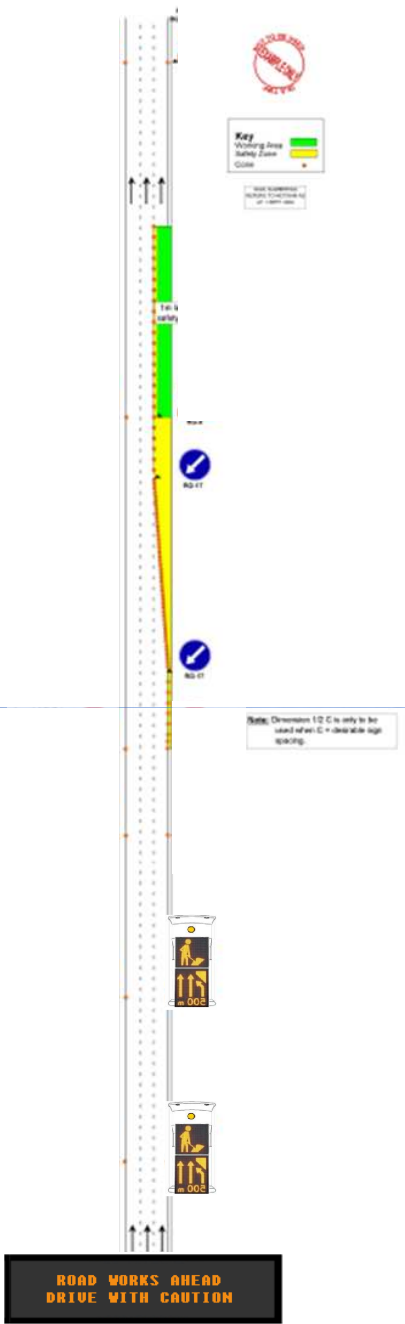


# Control and simplified layouts used during on-road trial

UK example  
TRL  
FINAL PROJECT REPORT RPN 1813



# Level 3 – Right Lane Closure



G1.8: THREE-LANE DIVIDED OR THREE-LANE ONE-WAY LEVEL 3 ROAD  
 Right Lane Closure



# Intelligent Transport Systems



# How to make this work?

- Advance warning
- Speed reduction
- Lane management
- Enforcement – point to point for long-term TTM



# Advanced Warning



# Advanced Warning



# Advanced Warning



# Speed reduction





# Advanced Warning



# Lane Management





# Lane Management







# Lane Management



# During the Works





# Setting the Traffic Management



# Setting the Traffic Management

- The necessary information to alter interventions on the network
- Live traffic counts
- Sequencing
- Communications between the STMS or site supervisor and the TOC
- Local traffic management
- Full closures



# Advantages of this Approach

- Distance of warning
- Visibility of message
- Timescales
- Safety
- Standard plans
- Incident management
- Control room network management

# Issues / Risks

- Human behaviour
- Infrastructure
- ITS can still support TTM

# Summary

- Save costs
- Responsiveness
- Greater working time availability
- SAFETY

# Principles of Traffic Management

