

**OPERATIONAL SAFETY RISK** 

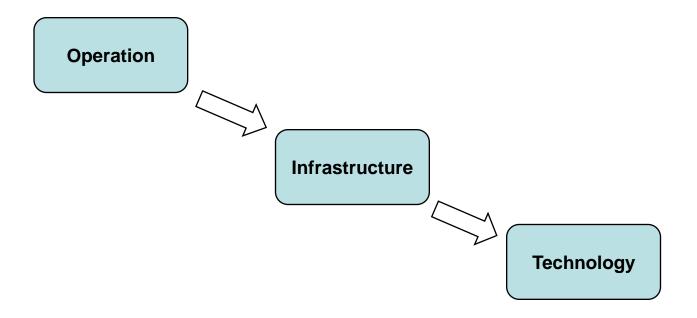




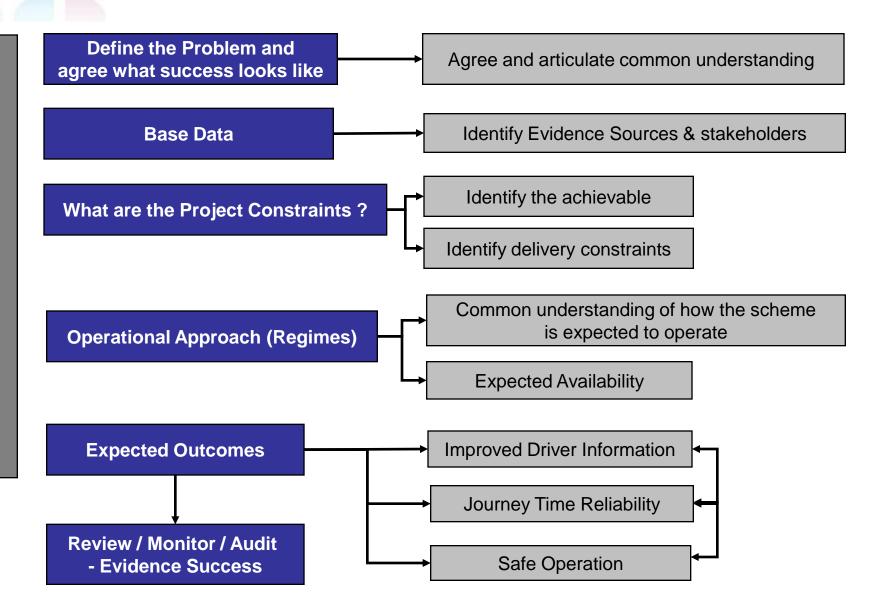


- Ltd experience of similar schemes
- Acceptance of operational principles
- Maintenance / controlled access to infrastructure
- System fail safe
- Road User Education
- Emergency Services Access

# **Approach to Dynamic Road Management**

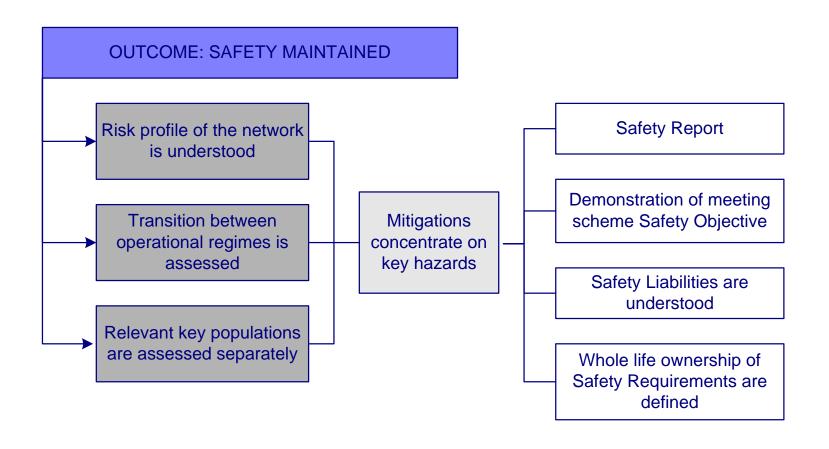


## **DEFINE SUCCESS**

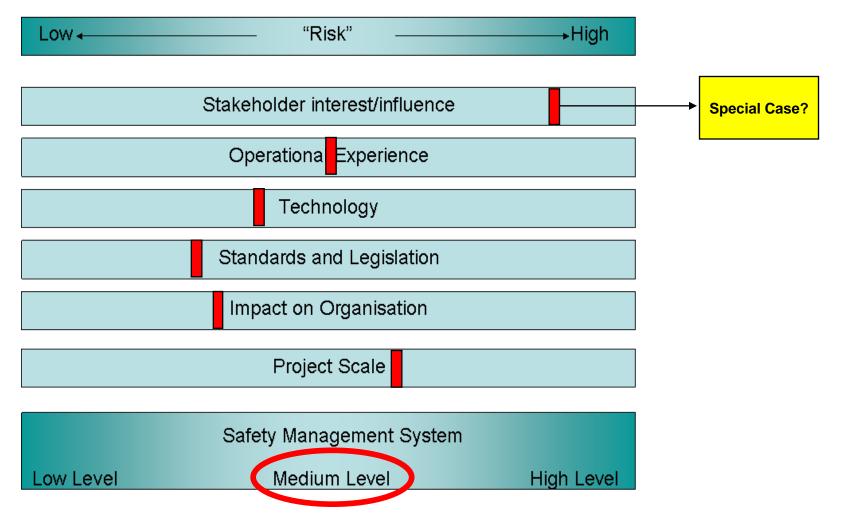






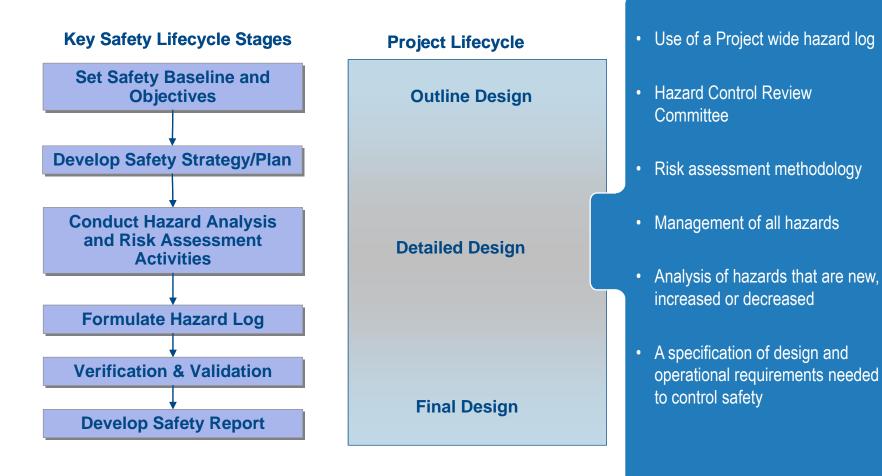


## **Safety Management System (SMS) - Selection**



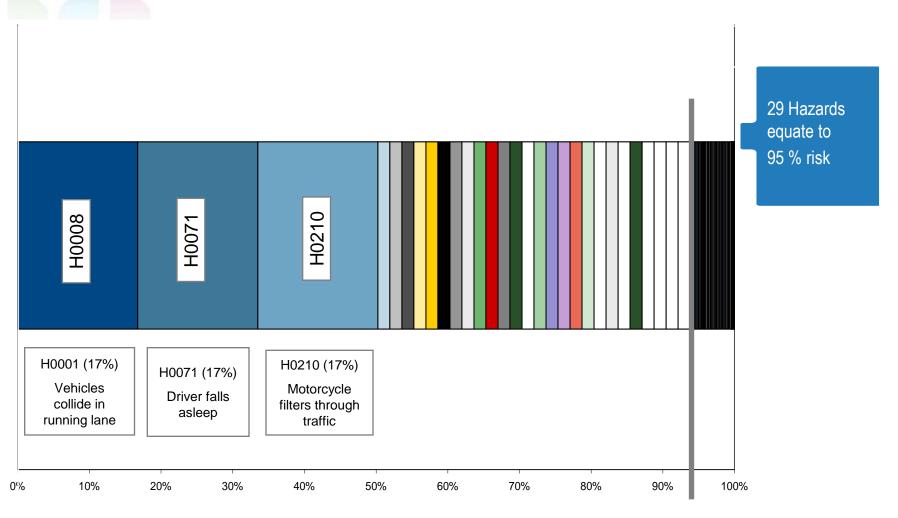






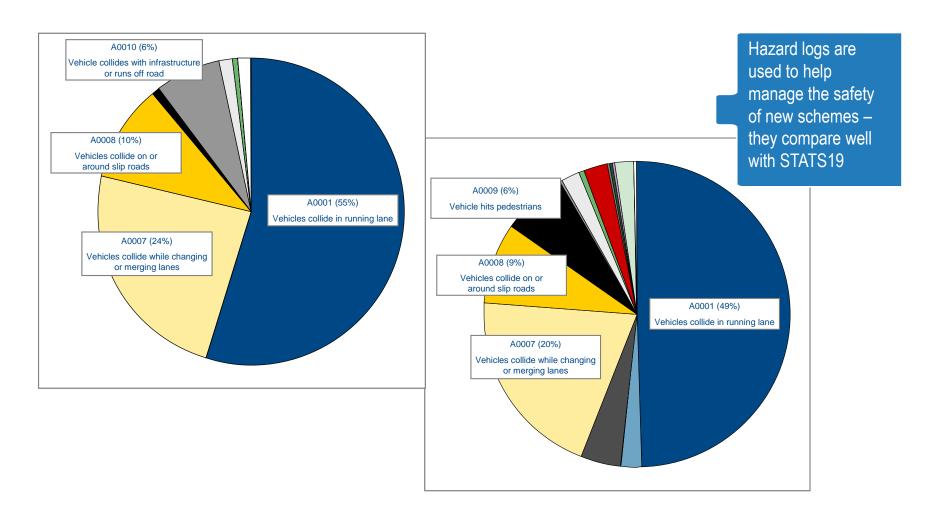






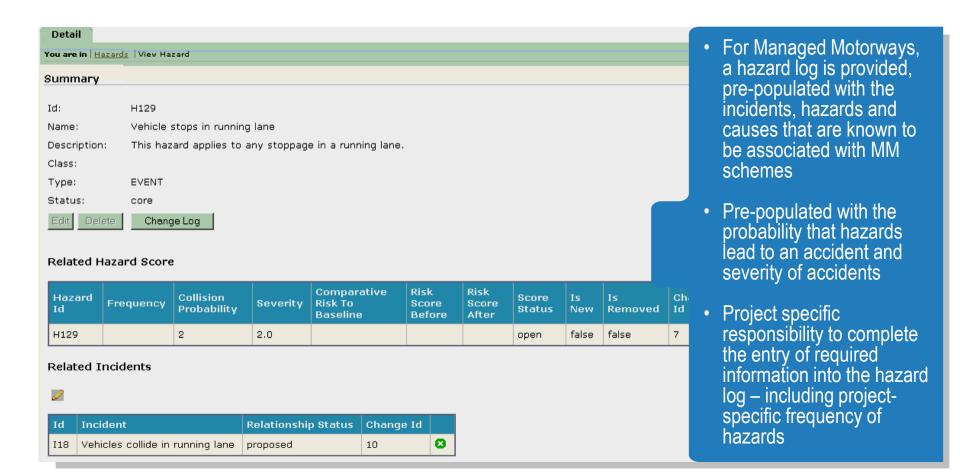






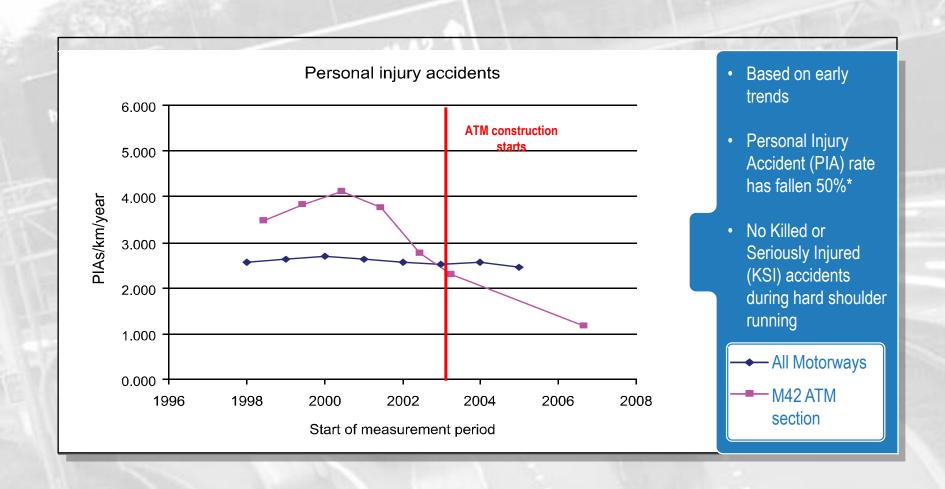


#### **MANAGED MOTORWAYS - HAZARD LOG**



# SAFETY – EVIDENCE REVIEW

## **Arthur D Little**



### **SUMMARY**

- Start by understanding the problem
- Define what success looks like
- Understand how the network will operate
- Safety is key and drives the design
- Stakeholders can make or break it
- Minimise points of failure
- Whole life design
- Monitor and review create the evidence base inform and shape the future



# Create an Intuitive Environment and Anticipatory Behaviour



Active Traffic Management

Follow overhead instructions