Safe system approach
Detailed and simplified illustrations

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Level crossing ‘safe system’ approach

• holistic
• multi-disciplinary
• “safe by design” & “fit for purpose”
• empower users
• manage risks
• continual improvement
• enhance safety
Design management

‘minimise risk’

Behaviour management

‘influence risk’

National policy & law - ‘address risk’

Commission for Railway Regulation 2016
Level Crossing Safe System approach (basic)

Design management
‘minimise risk’

Behaviour management
‘influence risk’

Engineering

Economics

Education

Enforcement

National policy & law - ‘address risk’

Commission for Railway Regulation 2016