Agenda

09:30 Introductions
09:45 The new code and its recommendations
10:45 BREAK
11:15 Relevant recommendations (Exercise)
12:00 The risk based approach
12:30 LUNCH
13:30 Service priorities (Exercise) 14:15
Creating an Implementation Plan 14:30 IHE
Risk and Liability Guidance 15:00 Next steps
15:30 Close
The New Code and its Recommendations
Why did we need to review the Codes?

- A review – not a re-write – of the current Codes:
  - Highways
  - Structures
  - Lighting
- Recommendation from the Potholes Review
- Align with and build on principles and recommendations in subsequent publications
- Codes need to reflect current practice
- Several common issues, some covered in varying ways
- More consistent style and feel for all Codes
How did we undertake the review?

• The three existing Codes and their recommendations have been consolidated
• Extensive consultation on draft versions of Code
• Positive response by sector, over 900 comments received:
  • Highways, structures and lighting practitioners
  • Professional institutions
  • User groups
  • Risk, legal and insurance backgrounds
• New Code approved by Steering Group and UKRLG
Launch of the Code

- Published 28th October 2016
- Launched at ICE TAM Conference
- Freely available online via UKRLG website – electronic only
- Two year transition period
- Further launch / support activities are being considered by DfT

www.ukroadsliaisongroup.org
Why is a risk based approach needed?

- Reflects the maturity of the sector, this is the next step
  - Reactive > Time based > condition based > risk based

- Critical linkages:
  - Risk
  - Asset management
  - Resilience
  - Funding
  - Whole of Government Accounts
What challenges and opportunities?

• Challenges
  • Evidence of process
  • Evidence of why this process is suitable for YOUR COUNCIL
  • Skills and competences required

• Opportunities
  • Tailored service to local requirements / priorities / needs
  • Strengthen asset management
  • Facilitates efficiencies
  • Supports the business case for service delivery
What does the new Code look like?

- **Previous Codes**: 222 recommendations - inconsistent with risk based approach!

- **Revised Code**: 36 recommendations, 0 standards
New UKRLG Code of Practice - Recommendations

**Strategy & Planning**
1. Use of the Code
2. AM Framework*
3. AM Policy & Strategy*
4. Integrated Network
5. AM Framework
6. Performance Management Framework*

**Lifecycle Delivery**
7. Information Management
8. Network Inventory
9. Asset Data Management*
10. Asset Management Systems*
11. Network Hierarchy
12. Condition Surveys
13. Whole Life/Designing for Maintenance
14. Defect Repair
15. Resilient Network
16. Inspections
17. Climate Change Adaption
18. Management Systems & Claims

**Risk & Review**
1. Use of the Code
2. AM Framework*
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4. Integrated Network
5. AM Framework
6. Performance Management Framework*
7. Risk Based Approach
8. Information Management
9. Network Inventory
10. Asset Data Management*
11. Asset Management Systems*
12. Network Hierarchy
13. Condition Surveys
14. Whole Life/Designing for Maintenance
15. Consistency with Character
16. Heritage Assets
17. Environmental Impact
18. Management Systems & Claims

**Asset Information**
8. Information Management
9. Network Inventory
10. Asset Data Management*
11. Asset Management Systems*
12. Network Hierarchy
13. Condition Surveys
14. Whole Life/Designing for Maintenance
15. Consistency with Character
16. Heritage Assets
17. Environmental Impact

**Organisation & People**
5. Consistency with other Authorities
13. Whole Life/Designing for Maintenance
14. Risk Management*
15. Competencies & Training*
16. Inspections
17. Climate Change Adaption
18. Management Systems & Claims
19. Defect Repair
20. Resilient Network
21. Climate Change Adaption
22. Drainage Maintenance
23. Emergency Plans
24. Communications
25. Learning from Events
26. Performance Monitoring*

* Recommendation taken from the Asset Management Guidance (11 of 36).
Recommendations Exercise

So a suggested starting point for using the guidance in the new Code of Practice is to consider which of the recommendations apply to which areas of our highway services – note there will be duplications.

1. Strategic over-view;
2. Highways;
3. Drainage;
4. Structures;
5. Lighting;
6. Corporate risk/resilience, comms, performance
Integrating risk and resilience with asset management
Recommendation 7 – Risk Based Approach

“A risk based approach should be adopted for all aspects of highway infrastructure maintenance, including setting levels of service, inspections, responses, resilience, priorities and programmes.”
RBA in Organisational Context

Risk management should be aligned, managed by a central board or management team. Highway risks need to be coordinated and considered effectively to link into this process.

This approach will be shaped to fit each authority, their organisational structure and corporate risk management approach.
RBA in reality

Risk Management
Identifying, Evaluating and Managing Risks

Leadership & Organisation
- Culture, Commitment, Investment, Training, Making the Case

Asset Management Systems
- Functionality, Management, Cost, Procurement

Performance Monitoring
- Benchmarking, Performance Reviews, Continuous Improvement

Getting Started
- Gap Analyses, Implementation Plan

Risk Management
- Identifying, Evaluating and Managing Risks

AM ENABLERS
- Leadership & Organisation
- Asset Management Systems
- Performance Monitoring
- Getting Started

Policy
- Principles, Commitment, Strategy
- Long-term Approach, Outcomes, Objectives

Performance
- Demand, Levels of Service, Measures, Targets

Work Programme
- Scheme Identification, Forward Programme, Annual Programme

AM PLANNING

Programme & Service Delivery

Procurement

Communication

CONTEXT
- National Transport Policy
- Legal Transport Policy
- Corporate Value
- Stakeholder Expectations
- Legal Constraints
- Financial Constraints

Corporate
Risk Perspectives – RBA in Context

**Strategic**
- Organisational direction & objectives
- Investment plans, corporate budgets, economic growth, Corporate Plan etc.

**Tactical**
- Strategy to action – Programmes, Projects & Organisational Change
- Service level management, service levels and projects

**Operational**
- Day to day operations including people, processes, information security, H&S, business continuity etc
- Team operation, service operation, business as usual
This risk management process helps to describe the flow of information and decision making points related to single risks or groups of risks, depending on your risk management approach.
Network Resilience

‘The ability of the community, services, area or infrastructure to detect, prevent, and, if necessary to withstand, handle and recover from disruptive challenges.’

Requires understanding of risk and uncertainty
- Physical resilience
- Management options
- Prioritisation – resilient network
Highlighted Risks

- Human diseases
- Flooding
- Severe space weather
- Severe weather
- Major industrial accidents
- Widespread electricity failure
- Major transport accidents
- Terrorist, malicious or criminal attacks or civil protest
- Disruptive industrial action
- Cyber security
- Severe wildfires
What are the Benefits?

- Two year window to align to revised **Code of Practice**
- Tailored and **evidenced based approach**, drives ownership and accountability
- Supporting you in **making the case**
- Enabling **efficiencies** through determined value, proportionality and relevance
- Empowering authorities to deliver what they know is needed **locally**
- Strengthens **asset management** approach and aligns to good practice
Thank you for attending!

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