

Improving Road Works in Scotland

Kevin Hamilton BSc CEng MCIHT

Scottish Road Works Commissioner

enquiries@roadworks.scot

Introduction

- The Commissioner, Roads Authorities and Utilities
- Carbon impact and scale
- Reinstatement quality
- The future



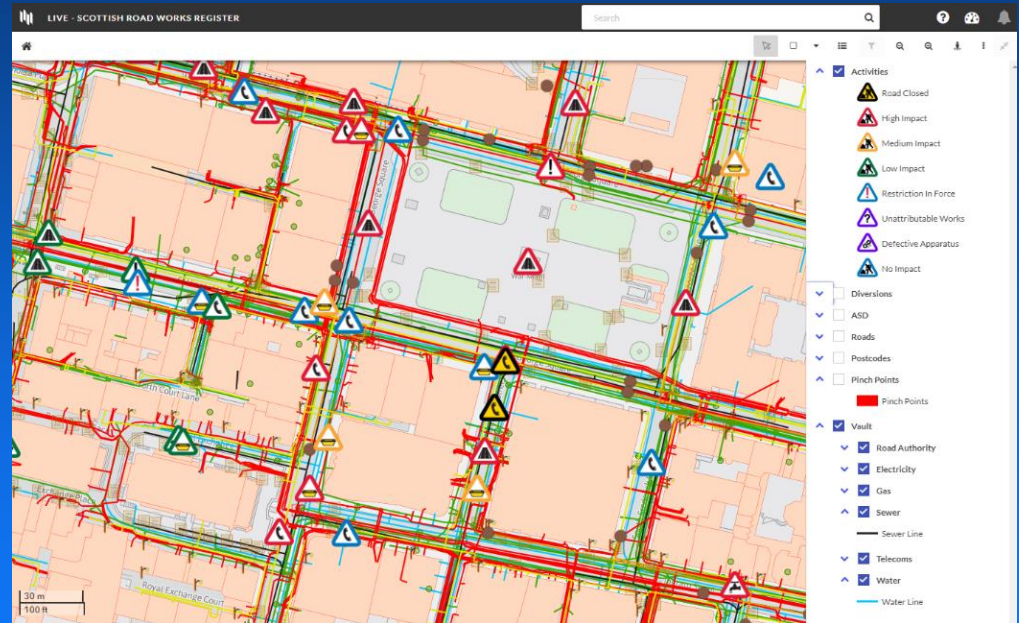
Scottish Road Works Commissioner

- Independent
- Monitor road works
- Compliance with NRSWA
- Promote good practice
- Penalties up to £100,000



Scottish Road Works Register (SRWR)

- Central register
- GIS based
- VAULT
- Measuring performance
- www.roadworksscotland.org



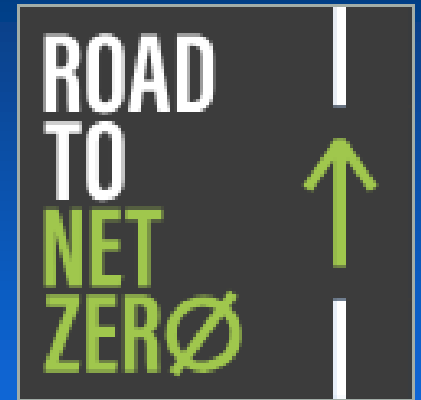
Key Duties in Road Works

- **ROADS AUTHORITIES – duty to co-ordinate works**
 - Use of SRWR to enable co-ordination
 - Powers to direct utilities
 - Powers to inspect and issue fixed penalties
- **UTILITIES – duty to co-operate and reinstate**
 - Co-operate with roads authorities
 - Co-operate with other undertakers
 - Complete works with all such dispatch as is reasonably practicable
 - Duty to reinstate the road to the agreed specification



Carbon impact

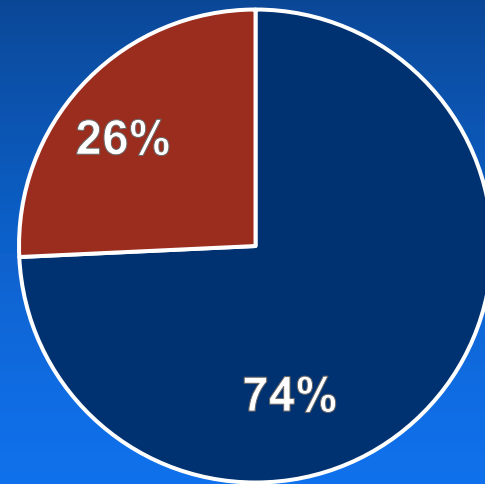
- Road to Net Zero (HAUC UK) – www.roadtonetzero.org.uk
- 38 Million Tonnes CO₂e per annum (UK wide)
- 9% of UK carbon emissions
- Major road works account for 43% of all sector emissions
- LGVs travelling to and from sites biggest contributor
- Road to Net Zero Charter



Road works in Scotland

- Utilities and roads authorities need to dig up roads
- Over **150,000** road works in Scotland last year
- Increased activity

Road Works 2022-23



□ Utilities ■ RAs

Reinstatements

- Poor reinstatements lead to:
 - Long term damage to road
 - Potholes
 - Increased repair costs
 - Increased carbon emissions



The Solution

- Durable reinstatements are possible
- Compliance with Specification (SRoR)



Site RIP 3.02: marked G_{Jo}; age 7.3 yrs;
Type 3



Site RIP 3.19: marked G_{Jo}; age 6.8 yrs; Type 4



Site RIP 4.03: marked G; age 9.5 yrs;
Type 4



Site RIP 4.24: marked G_{Jo}; age 7.4 yrs;
Type 2

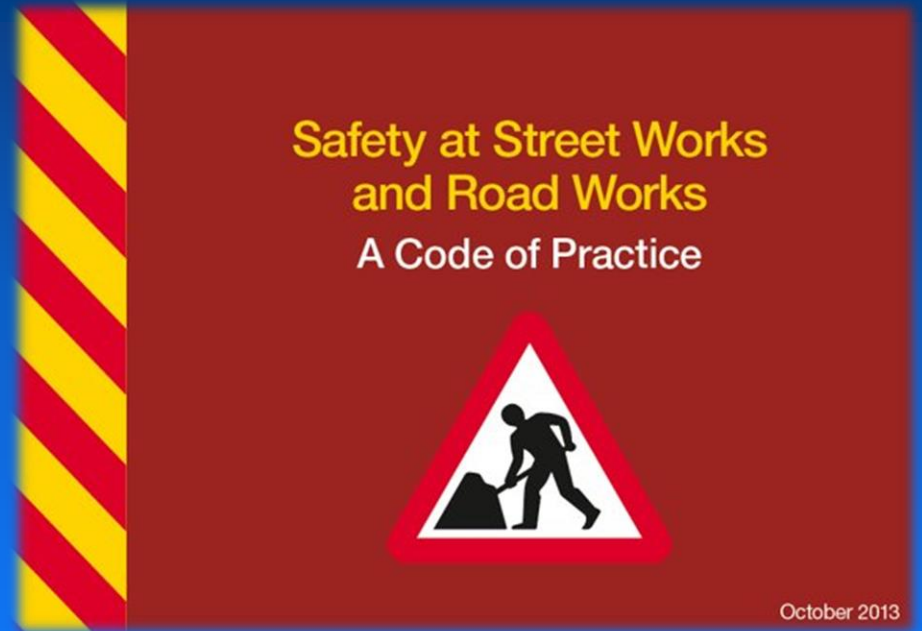
National Coring Programme

- National coring for 20+ years
- 44% pass rate in 2001
- 90% pass rate in 2022
- Six-year guarantee period



Improving Road Works

- Inspections powers
- Compliance Officers
- Compliance Notices
- Traffic Management



Compliant Site



Non - Compliant Site



Conclusion

- Excavation and reinstatement necessary
- Disruption and damage
- Quality has improved over 20 years
- More needs to be done to continue improvements

Contact

Kevin Hamilton
Scottish Road Works Commissioner

www.roadworks.scot

Tel: 0131 244 9936

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