

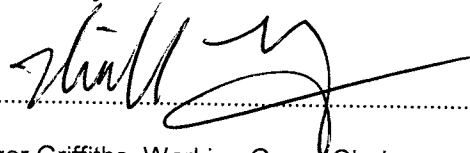
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Level 2

Level crossing surface systems

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Issue	Date	Comments
1	December 1997	First issue
2	December 2010	Supersedes RT/CE/S/040, Issue 1

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 4 June 2011.

When this standard is implemented, it is permissible for all projects that have formally completed GRIP Stage 4 to continue to comply with the Issue of any relevant Network Rail Standards current when GRIP Stage 4 was reached and not to comply with requirements contained herein, unless the designated Standard Owner has stipulated otherwise in the accompanying Briefing Note.

Reference documentation

BS 5400-2:2006, *Steel, concrete and composite bridges – Part 2: Specification for Loads*.

NR/L2/TRK/001, *Inspection and maintenance of permanent way*.

NR/L2/TRK/2049, *Track Design Handbook*.

NR/L2/TRK/2102, *Design and Construction of Track*.

Road Note 27. *Instructions for using the portable skid resistance tester*. 2nd edition. ISBN No. 11 55 00 60X. Transport Research Laboratory Ltd: 1969.

Manual of Contract Documents for Highway Works. Volume 2: Notes for Guidance on the Specification for Highway Works. Department of Transport: August 1994.

Statutory Instrument 1994 No. 157. *The Railways and Other Transport Systems (Approval of Works, Plant and Equipment) Regulations 1994*. HMSO.

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1 Purpose

This standard specifies the performance of manufactured proprietary level crossing surface systems so that they are fit for purpose and have an adequate life expectancy.

2 Scope

This Network Rail standard specifies the performance of manufactured proprietary level crossing surface systems to be installed on Network Rail controlled infrastructure.

It specifies that these systems are type approved.

This standard applies to all manufactured level crossing surface systems installed in new vehicular level crossings, or for the replacement of the entire level crossing surface system on an existing vehicular level crossing.

NOTE Product acceptance issued under previous issues of this standard remain valid.

It applies to the maintenance or partial replacement of manufactured vehicular level crossing surface systems only where the existing level crossing surface system consists of components granted type approval against this standard.

Level crossing surface systems conforming to this standard may also be installed on footpath or bridleway crossings.

The requirements of this standard are applicable to all manufactured level crossing surface systems to be installed on new vehicular level crossings, or when an existing vehicular level crossing is renewed.

3 Definitions

For the purposes of this standard, the following terms and definitions apply.

panel

main component of a panel system that forms the part of the highway surface that carries traffic

panel system

type of level crossing surface system that utilises removable four-foot, six-foot, and cess panels

level crossing surface system

the complete installation, including the associated support system; providing a continuation of the road surface to enable road vehicles to cross the railway on the level

NOTE The term does not include cattle-cum-trespass guards, signalling devices, signs, barriers or ballasted track systems.