

Information for users

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Ref:	NR/L2/SIG/30017
Issue:	2
Date:	03/09/2011
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Level 2

Requirements for Level Crossings

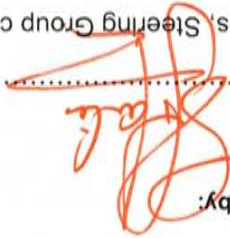
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Issue record

Issue	Date	Comments
1	Sept 09	Copy of information from GI/RT7012
2	Sept 2011	Modules C, E & M withdrawn (contained in NR/L3/SIG/2011), no other changes made. (CCMS Document number 61547398)

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 03/09/2011.

When this standard is implemented, it is permissible for all projects that have formally completed GRIP Stage 3 (Option Selection) to continue to comply with the issue of any relevant Network Rail standards current when GRIP Stage 3 was completed and not to comply with requirements contained herein, unless stipulated otherwise in the scope of this standard.

Reference documentation

GK/RT0192	Level Crossing Interface Requirements
GE/RT8270	Assessment of Compatibility of Rolling Stock and Infrastructure
NR/L2/OPS/100	Provision, Risk Assessment and Review of Level Crossings
NR/L2/EBM/STP001	Network Rail Standards Management - Process requirements
NR/L2/SIG/11201	Signalling Design Handbook

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1 Purpose

This document mandates the requirements for the design, construction, inspection, maintenance, operation and decommissioning of level crossings.

With the withdrawal of [GI/RT7012](#) and its replacement by [GK/RT0192](#), this document is an interim standard to retain the measures pending a full review.

The document consists of this standard and a series of lettered modules reflecting the previous parts of [GI/RT7012](#). The lettered parts start at D to maintain consistency with the withdrawn Group Standard.

2 Scope

The requirements of Modules D to L inclusive apply to alterations (as defined below) to existing level crossings and for new level crossings subject to any project specific deviations already agreed against [GI/RT7012](#).

NOTE Since there are no changed measures from the previous Group Standard which had a compliance date of 5th February 2005, there is no exemption for projects which have not completed GRIP stage 4 or equivalent.

Unless required as a result of risk assessment undertaken in accordance with [NR/L2/OPS/100](#), action to bring existing level crossings into compliance with the requirements of Modules D to L inclusive is not required.

2.1 Exclusions

Crossings of the railway that are provided solely for construction or maintenance purposes on a temporary basis are excluded from the scope of this document.

2.2 Alterations to a level crossing

Where there is a substantial renewal of all or part of an existing level crossing, then consideration shall be given to bringing the part of the system being renewed or altered up to modern standards.

Additionally, it shall be considered whether the alteration provides a reasonable opportunity to achieve compliance with respect to other parts of the system or ancillary equipment.

The assessment of reasonability to undertake works shall be by documenting the costs and realistic safety or operational benefits of the works. The results, and recommendations of the project, shall be endorsed by the Route Strategy Production Group, and may be subject to review under Network Rail's safety verification process and, where the crossing is the subject of a Level Crossing Order, approval under the relevant level crossing legislation.

The following examples illustrate some issues to be considered when deciding the scope of an alteration:

- a) If the signs at a level crossing are replaced, but there should normally be no requirement to carry out additional works at the level crossing.
- b) If the gate on one side of a level crossing is replaced because it is defective, there is not normally a requirement to replace the gate on the other side of the crossing, unless this would result in different gate widths or require the public to operate the crossing differently on each side.