

RSSB

Certificate of Derogation from a Railway Group Standard

(in accordance with part 6 of the Railway Group Standards Code)

1. Type of deviation

Derogation

Deviation Number: **10/066/DGN**

2. Details of applicant:

Network Rail (Investment Projects),
London NW1 2EE

5th Floor, Desk 19, 40 Melton Street,

3. Your reference number:

Tracker No 7421

4. Status of applicant:

Infrastructure Manager, RSSB Member

5. Title of certificate:

Bush Hill Park Station Platform 2 – Distances from new replacement footbridge to the platform edge.

6a. Details of Railway Group Standard (RGS):

RGS Number:	Issue No:	Issue Date:	Title:
GI/RT7016	Three	December 2009	Interface between Station Platforms, Track and Trains

6b. RGS clause(s):

6.2.2 b)

6c. RGS clause requirements:

“6.2.2 New buildings and structures, and alterations to existing buildings and structures, shall be located to provide the following minimum distances to the platform edge:

...

b) 2500 mm at other platforms”

7. Scope of deviation:

The deviation is limited to a 12.3 m length of Platform 2 at Bush Hill Park Station.

8. Impacts of complying with the current RGS requirement:

The non-compliance is limited to the staircase on platform 2 (the Down Line). Through the construction of a new footbridge, the clearance of the stringer staircase to the edge of the platform along a 12.3 m length will be 2.07m. This will be an improvement as, at present, the clearance to the existing footbridge location is 2.0 m.

A survey of passenger usage of platform 2 was carried out. This indicated that the new arrangement was not likely to lead to crowding issues.

In addition, the following should be noted:

- There are no through passenger services
- There are no through freight services
- Bush Hill Park Station is the second to last stop along the route to Enfield Town.

9. Proposed alternative actions:

No immediate action needs to be taken.

The future lift installation will be erected within the areas shown on the drawings and will not impinge on the clearance.

The lighting poles along the platform staircase are to be removed.

10. Impacts of the alternative actions:

The proposed deviation is low, as this is a continuation of an existing non-compliance where it is apparent that the situation hitherto has not been a cause of any incident for as far back as records exist.

The NXEA Train only operates 4-5 cars at this station and so the lateral clearance is not a major issue since the last car door is well away from the non-compliant area. NXEA has no future plans for introducing longer trains.

The new footbridge will improve the situation on platform 2 by maintaining similar lateral clearances and also making the stair width DDA compliant.

11. What other options have been considered?

Due to the close proximity of adjoining private property to the footbridge it would be impracticable to provide a compliant solution.

12. Consultation with affected parties

The relevant stakeholders have been consulted.

13. Additional actions/observations:

Upon receipt, the applicant is required to identify affected, interfacing parties and copy this certificate, together with supporting information, to those parties.

Attachments:

- Survey for Bush Hill Park Station Platforms 1 and 2 of March 2010
- Drawing ref. 20091/017/100 Revision C of 09/09/2010 – Bush Hill Park Station, Footbridge ENT/1966 Replacement General Arrangement
- Drawing ref. 20091/017/103 Revision B of 04/12/2009 – Bush Hill Park Station, Footbridge ENT/1966 Replacement
- Bush Hill Park map dated 20/04/2009
- Email from National Express dated 28/04/2010 confirming support to this deviation.

14. Method of elimination:

N/A

15. Start and end date:

N/A

16. Signature of applicant:

Head of Civil Engineering

Date of application:

30/04/2010

17. Status in respect of National Technical Rules:

GI/RT7016 is currently on the list of National Technical Rules under the

- Infrastructure Conventional Rail TSI,
- Operation (published) High Speed Rail TSI
- People with Reduced Mobility TSI.

18. Status in respect of National Safety Rules:

GI/RT7016 is not on the list of the proposed National safety Rules under the Conventional or High Speed Rail TSIs.

19. Lead Standards Committee details:

Name of Committee:	Date of meeting	Minute reference:
Infrastructure	14/07/2010	10/INS/07/125

Authorised by:

Signed by Cliff Cork on 27/08/2010

Date of Authorisation:

27/08/2010

Cliff Cork
Head of Delivery, Infrastructure and Rolling Stock