

 Cass Hayward LLP		NETWORK RAIL (Civil Engineering Standard Designs & Details) FORM B: CERTIFICATE OF DESIGN AND CHECKING (Page 1 of 4)	Title of Scheme: Miscellaneous Overbridge Standard Details
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Standard Design Details for
MISCELLANEOUS OVERBRIDGE STANDARD DETAILS
Form B: Certificate of Design and Checking

 Cass Hayward LLP	
NETWORK RAIL (Civil Engineering Standard Designs & Details) (Page 2 of 4)	
FORM B: CERTIFICATE OF DESIGN AND CHECKING	
Title of Scheme: Miscellaneous Overbridge Standard Details	

Part 1: Design Design organisation: Cass Hayward LLP

I certify that reasonable professional skill and care have been used in the design of the Scheme (or part of Scheme) identified above, with the objective of ensuring that the design:

(a) complies with the Approval in Principle recorded on Form A signed by Alan Dray on 21st September 2009, including associated comments by the Professional Head of Civil Engineering in giving endorsement;

(b) complies with the design standards, codes and methods stated on the above Form A (including any stated deviations or dispensations), with the following amendments and/or additions:

(c) is accurately described by the following drawings, schedules, performance, materials and workmanship specifications and other documents:

Drawings: dated August 2010

Number	Rev	Drawing title
NR/CIV/SD/2800	A	Miscellaneous Standard Details Jack Arch Tie Details – Sheet 1 of 2
NR/CIV/SD/2801	A	Miscellaneous Standard Details Jack Arch Tie Details – Sheet 2 of 2
NR/CIV/SD/2802	A	Miscellaneous Standard Details Trief Kerb, Guardrail & Drainage Details
NR/CIV/SD/2803	A	Miscellaneous Standard Details Brick Sandwich Parapet
NR/CIV/SD/2804	A	Miscellaneous Standard Details Reinforced Concrete Parapet – Sheet 1 of 2
NR/CIV/SD/2805	A	Miscellaneous Standard Details Reinforced Concrete Parapet – Sheet 2 of 2

Signed: 	Title: Associate
Name: R. A. Clough	Date: 24 August 2010
To be signed by the Designer or other person authorised to sign on behalf of the organisation responsible for the Design.	

I certify that the staff who have prepared the above design are competent to carry out their duties and that they have used reasonable professional skill and care.

Signed: 	Title: Partner (LLP Member)
Name: Edwin D Atherton	Date: 24 August 2010
To be signed by the Director or other person authorised to sign on behalf of the organisation responsible for the Design to whom the Designer is responsible.	