

# Third party peer review of bridge design

**Economy, Planning & Environment  
Engineering and Environmental Assessment  
City Development**

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Please use **BLOCK LETTERS** and complete all details in full

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## Part 1 – Certificate of design (BDC01)

Title of brief			
Reference number			
Name of Structure which is the subject of this certificate			

I hereby certify that the design of the above structure has been carried out in accordance with the requirements of AS 5100 and sound contemporary practice and knowledge by a Registered Professional Engineer Queensland (RPEQ) experienced in the field of bridge engineering

## Design engineer

Name			
REPQ number			
Signature		Date	

## Principal of consulting firm employing the design engineer

Name			
Company name			
REPQ number			
Countersigned		Date	

## Fees

There is no fee associated with this form.

## Part 2 – Certificate of structural features (BDC02)

Bridge name			
Design code used			
Councils file reference number			

## Location

Road name			
Address			

## Office use only

Date received		Received by	
System code	<i>(if applicable)</i>		

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Bridge over			
Please select	Rail		Waterway
	Road		Land
	Other	(Please specify)	

Structural details	
Superstructure	
Span Lengths (C/L bearings)	
Deck type and material	
Main member type and material	
Number of beams	
Expansion joint type(s)	
Bearing type(s)	
Barrier type(s)	
Deck surfacing	

Structural details		
Substructure		
	Type	Foundation
Abutment		
Pier type		
Wing walls		

Hydraulic details			
Designed flood ultimate (ARI)			
Design flow			
Design velocity			
Waterway area			
Deck subject to inundation	Yes		No

Geotechnical details	
Stream bed materials	
Scour depth	
Foundation type	
Foundation depth	
Depth of founding layer	
Below scour depth	

Additional Information

Design engineer			
Name			
REPQ number			
Signature		Date	

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Principal of consulting firm employing the design engineer		
Name		
Company name		
REPQ number		
Countersigned		Date

Part 3 – Certificate of design check (BDC03)	
Title of brief	
Commission number	
Name of design consultant	
Name of structure which is the subject of this certificate	

I hereby certify that the design of the above structure has been proof checked against the requirements of AS 5100 by a Registered Professional Engineer Queensland (RPEQ) experienced in the field of bridge engineering with/without amendment.

Certification of proof check engineer		
Name		
REPQ number		
Signature		Date

Principal of consulting firm employing the proof check engineer		
Name		
Company name		
REPQ number		
Countersigned		Date