

GENERAL BRIDGE INVENTORY

Bridge No:

Crossing:

LGA:

Region:

Road Name:

Road No:

SLK:

COMPLETE ADDITIONS OR AMENDMENTS TO IRIS ONLY

Work Description

(Tick One Box Only)

- New Structure
- Replacement Structure
- Refurbishment
- Existing Structure

Structure Type

(Tick One Box Only)

- Timber (TMBR)
- Timber Hybrid (THBR)
- Reinforced Concrete (RCBR)
- Prestressed Concrete (PCBR)
- Steel (STBR)
- Steel Concrete Composite (SCBR)
- Sign Gantry (SIGA)

Services Carried

- Sewerage
- Telecom
- Water
- Gas
- Electricity
- MRWA Lighting

Ownership

(Tick One Box Only)

- Main Roads
- Local Authority
- Water Corporation
- Westrail
- DEC
- Harvey Water
- PTA
- Private

Primary Function

(Tick One Box Only)

- Road Bridge
- Pedestrian Bridge
- Rail Bridge
- Rail & Road Bridge

Secondary Function

(Tick Appropriate Boxes)

- Over Rail
- Over Road
- Over Water
- Pedestrian Underpass
- Stock Underpass

Superstructure Type

(Use One Structure Type Only)

Prestresses Concrete - PCBR

(Tick One Box Only)

- Box Girder
- I - Beam
- Integral Beam and Slab
- Inverted T - Beam
- Inverted U - Beam
- Precast Arch
- Precast Box Units
- Precast Plank
- Solid Flat Slab
- T - Beams
- Teeroff Beam
- Voided Flat Slab
- Beam Girder
- Box
- Precast Slab Panels

Timber - TMBR

(Tick One Box Only)

- Laminated Timber
- Round timber
- Sawn Timber

Steel Concrete Composite - SCBR

(Tick One Box Only)

- Box Girder
- Composite Steel Beams & Concrete Deck
- I - Beam
- Rail Carriage

Reinforced Concrete - RCBR

(Tick One Box Only)

- Box Girder
- Heavy Section Solid Slab
- Integral Beam and Slab
- Inverted T- Beam
- Inverted U – Beam
- M - Lock Inverted U
- Precast Arch
- Precast Box Units
- Precast Planks
- Railway Line Reinforced Conc.
- Solid Flat Slab
- Solid Slab Reinfor. with Steel Beams
- T - Beam
- U - Beam
- Voided Flat Slab

Steel - STBR

(Tick One Box Only)

- Beam Girder
- Fabricated Steel
- I-Beam
- Rail Carriage
- Steel Arch
- Truss
- Box

Timber Hybrid - THBR

(Tick One Box Only)

- I – Beam
- Inverted U – Beam
- Laminated Timber
- Precast Planks
- Rail Carriage
- Round timber
- Sawn Timber
- Solid Slab
- Structural Slab on Timber Stringers
- Truss
- Precast Slab Panels

Deck Materials

(Tick One Box Only)

- Insitu Reinforced Concrete
- Insitu Prestressed Concrete
- Precast Prestressed Concrete
- Precast Reinforced Concrete
- Steel
- Unknown Timber
- Wandoo
- Karri
- Jarrah
- No – Decking
- Condek
- Bondek

Pavement Type

(Only For TMBR/THBR)

(Tick One Box Only)

- Concrete
- Gravel
- Unpaved
- Unknown

Surface Type

(Tick One Box Only)

- Bitumen Concrete (Asphalt)
- Bitumen Seal
- Concrete
- Rubberized Seal
- Steel Plate
- Tiles
- Timber Decking
- Un – Surfaced (Gravel)
- Brick Paved

Span Lengths (m) (Centre to Centre)

Span #	Length	Span #	Length
1		11	
2		12	
3		13	
4		14	
5		15	
6		16	
7		17	
8		18	
9		19	
10		20	

Geometry (m)

Overall Length

Number of Spans

Overall Width

Width Between Kerbs
(Minimum)

Median Width

Left Footpath Width

Right Footpath Width

Maximum Headroom

Skew (degrees)

Radius

Concrete Overlay

(Tick One Box Only)

- Yes
- No

Overlay Date:

Data Source

(Tick One Box Only)

- Design Drawings
- As – Constructed Drawings
- Site Inspection

Status

(Tick One Box Only)

- Built / In Use
- Not Used
- Proposed
- Under Construction

Construction Date (New or Replacement Structure)**Bridge Location (Abutment 1 LH Kerb)**

Latitude

Longitude

Decimal Degrees
(Min of 5 decimal places)**Comments:**

Prepared By

Name:

Company/ Region:

Signature:

Date:

Checked by:

AMS:

Signature:

Date:

Return completed form to: Project Officer, MRWA, Structures Engineering, Email: StructEngReviews@mainroads.wa.gov.au