GENERAL BRIDGE INVENTORY

Road Name: Road No: SLK: COMPLETE ADDITIONS OR AMENDMENTS TO IRIS ONLY Work Description (Tick One Box Only) Secondary Function (Tick Appropriate Boxes) Reinforced Concrete - RCBR (Tick One Box Only) New Structure Over Rail Box Girder Replacement Structure Over Road Heavy Section Solid Slab Refurbishment Over Water Integral Beam and Slab Existing Structure Pedestrian Underpass Inverted T- Beam Structure Type (Tick One Box Only) Superstructure Type Only) M - Lock Inverted U Timber (TMBR) Prestresses Concrete - PCBR (Tick One Box Only) Precast Arch Timber Hybrid (THBR) Box Girder Precast Panks Prestressed Concrete (RCBR) Box Girder Precast Planks Prestressed Concrete (PCBR) I - Beam Railway Line Reinforced Conc.	Bridge No: Crossing:		LGA: Region:			
Secondary Function Reinforced Concrete - RCBR (Tick One Box Only) [Tick Appropriate Boxes] [Tick One Box Only] New Structure Over Rail Box Girder Replacement Structure Over Road Heavy Section Solid Slab Refurbishment Over Water Integral Beam and Slab Existing Structure Pedestrian Underpass Inverted T- Beam Stock Underpass Inverted U - Beam Use One Structure Type Only Timber (TMBR) <i>Prestresses Concrete - PCBR</i> Net Lock Inverted U Reinforced Concrete (RCBR) Box Girder Precast PAINS Prestressed Concrete (PCBB) I - Beam Precast Planks	Road Name:	Road No:	SLK:			
Work Description (Tick One Box Only) Secondary Function (Tick Appropriate Boxes) Reinforced Concrete - RCBR (Tick One Box Only) New Structure Over Rail Box Girder Replacement Structure Over Road Heavy Section Solid Slab Refurbishment Over Water Integral Beam and Slab Existing Structure Pedestrian Underpass Inverted T- Beam Structure Type (Tick One Box Only) Stock Underpass Inverted U – Beam Timber (TMBR) Prestresses Concrete - PCBR (Tick One Box Only) M - Lock Inverted U Timber Hybrid (THBR) Box Girder Precast Box Units Box Girder Box Girder Precast PCBR Prestressed Concrete (PCBR) I - Beam Precast Planks	COMPLETE ADDITIONS OR AMENDMENTS TO IRIS ONLY					
(Tick One Box Only) (Tick Appropriate Boxes) (Tick One Box Only) New Structure Over Rail Box Girder Replacement Structure Over Road Heavy Section Solid Slab Refurbishment Over Water Integral Beam and Slab Existing Structure Pedestrian Underpass Inverted T- Beam Structure Type (Tick One Box Only) Stock Underpass Inverted U - Beam Timber (TMBR) Superstructure Type Only) M - Lock Inverted U Timber Hybrid (THBR) Prestresses Concrete - PCBR (Tick One Box Only) Precast Arch Reinforced Concrete (RCBR) Box Girder Precast Planks Prestressed Concrete (PCBR) I - Beam Railway Line Reinforced Conc.	Work Description	Secondary Function	Reinforced Concrete - RCBR			
New Structure Over Rail Box Girder Replacement Structure Over Road Heavy Section Solid Slab Refurbishment Over Water Integral Beam and Slab Existing Structure Pedestrian Underpass Inverted T- Beam Structure Type Stock Underpass Inverted U – Beam Timber (TMBR) Superstructure Type M - Lock Inverted U Timber Hybrid (THBR) Prestresses Concrete - PCBR Precast Box Units Box Girder Box Girder Precast Planks Prestressed Concrete (PCBR) L- Beam	(Tick One Box Only)	(Tick Appropriate Boxes)	(Tick One Box Only)			
Replacement Structure Over Road Heavy Section Solid Slab Refurbishment Over Water Integral Beam and Slab Existing Structure Pedestrian Underpass Inverted T- Beam Structure Type (Tick One Box Only) Stock Underpass Inverted U – Beam Timber (TMBR) Superstructure Type Only) M - Lock Inverted U Timber Hybrid (THBR) Prestresses Concrete - PCBR (Tick One Box Only) Precast Arch Box Girder Box Girder Precast Planks Prestressed Concrete (PCBR) I - Beam Railway Line Reinforced Conc.	New Structure	Over Rail	Box Girder			
Refurbishment Over Water Integral Beam and Slab Existing Structure Pedestrian Underpass Inverted T- Beam Structure Type (Tick One Box Only) Stock Underpass Inverted U – Beam Timber (TMBR) Superstructure Type (Use One Structure Type Only) M - Lock Inverted U Timber Hybrid (THBR) Prestresses Concrete - PCBR (Tick One Box Only) Precast Arch Reinforced Concrete (RCBR) Box Girder Precast Planks Prestressed Concrete (PCBR) I - Beam	Replacement Structure	Over Road	Heavy Section Solid Slab			
Existing Structure Pedestrian Underpass Inverted T- Beam Structure Type Stock Underpass Inverted U – Beam (Tick One Box Only) Superstructure Type M - Lock Inverted U Timber (TMBR) (Use One Structure Type Only) Precast Arch Timber Hybrid (THBR) Prestresses Concrete - PCBR (Tick One Box Only) Precast Box Units Reinforced Concrete (RCBR) Box Girder Precast Planks Prestressed Concrete (PCBR) I - Beam	Refurbishment	Over Water	Integral Beam and Slab			
Structure Type (Tick One Box Only) Stock Underpass Inverted U – Beam Timber (TMBR) Superstructure Type (Use One Structure Type Only) M - Lock Inverted U Timber Hybrid (THBR) Prestresses Concrete - PCBR (Tick One Box Only) Precast Arch Reinforced Concrete (RCBR) Box Girder Precast Planks Prestressed Concrete (PCBR) I - Beam	Existing Structure	Pedestrian Underpass	☐ Inverted T- Beam			
Image: Superstructure Type Image: Minimized of Control of Contro	Structure Type	Stock Underpass	Inverted U – Beam			
Image: Timber Hybrid (THBR) Prestresses Concrete - PCBR (Tick One Box Only) Precast Box Units Reinforced Concrete (RCBR) Box Girder Precast Planks Prestressed Concrete (PCBR) I - Beam Railway Line Reinforced Conc.		Superstructure Type (Use One Structure Type Only)				
Imber Hybrid (THBR) (Tick One Box Only) Reinforced Concrete (RCBR) Box Girder Prestressed Concrete (PCBR) I - Beam		Prestresses Concrete - PCBR				
Reinforced Concrete (RCBR) Box Girder Prestressed Concrete (PCBR) I - Beam	Imber Hybrid (THBR)	(Tick One Box Only)				
Prestressed Concrete (PCBR)	Reinforced Concrete (RCBR)	Box Girder				
	Prestressed Concrete (PCBR)	🔲 I - Beam				
Steel (STBR) Integral Beam and Slab Solid Slab Reinfor with Steel Beams	Steel (STBR)	Integral Beam and Slab				
□ Steel Concrete Composite (SCBR) □ Inverted T - Beam	Steel Concrete Composite (SCBR)	Inverted T - Beam				
□ Sign Gantry (SIGA) □ Inverted U - Beam □ U - Beam	☐ Sign Gantry (SIGA)	Inverted U - Beam				
Services Carried	Services Carried	Precast Arch	□ Voided Flat Slab			
	_					
Sewerage	Sewerage		(Tick One Box Only)			
Telecom Precast Plank Beam Girder	Telecom	Precast Plank	Beam Girder			
Water Solid Flat Slab Fabricated Steel	Water	Solid Flat Slab	Fabricated Steel			
Gas T - Beams I-Beam	Gas	T - Beams	☐ I-Beam			
Electricity Teeroff Beam Rail Carriage	Electricity	Teeroff Beam	Rail Carriage			
MRWA Lighting	MRWA Lighting	☐ Voided Flat Slab	Steel Arch			
Ownership	Ownership	🔲 Beam Girder	Truss			
(Tick One Box Only)	(Tick One Box Only)	🔲 Box	Box			
Main Roads Precast Slab Panels Timber Hybrid - THBR	Main Roads	Precast Slab Panels	Timber Hybrid - THBR			
Local Authority Timber - TMBR (Tick One Box Only)	Local Authority	— Timber - TMBR	(Tick One Box Only)			
Water Corporation (Tick One Box Only)	Water Corporation	(Tick One Box Only)	🔲 I – Beam			
U Westrail	☐ Westrail	Laminated Timber	☐ Inverted U – Beam			
DEC Round timber Laminated Timber		Round timber	Laminated Timber			
Sawn Timber Precast Planks		Sawn Timber	Precast Planks			
Steel Concrete Composite - Rail Carriage		Steel Concrete Composite - SCBR	Rail Carriage			
(Tick One Box Only)		(Tick One Box Only)	Round timber			
Derivate Box Girder Sawn Timber		Box Girder	Sawn Timber			
Primary Function Composite Steel Beams & Solid Slab (Tick One Box Only) Concrete Deck Concrete Deck	Primary Function (Tick One Box Only)	Composite Steel Beams & Concrete Deck				
□ Road Bridge □ I – Beam □ T – T – T – T – T – T – T – T – T – T	Road Bridge	│ │				
□ Pedestrian Bridge □ Rail Carriage □ □ Iruss	Pedestrian Bridge	Rail Carriage				
Rail Bridge			Precast Slab Panels			
	Rail & Road Bridge					

Main Roads Western Australia SECTION 15.doc

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Deck Materials (Tick One Box Only)	Span Lengths (m) ((Centre to Centre)	Data Source (Tick One Box Only)
Insitu Reinforced Concrete	Span # Length S	pan # Length	Design Drawings
Insitu Prestressed Concrete	1	11	As – Constructed Drawings
Precast Prestressed Concrete	2	12	Site Inspection
Precast Reinforced Concrete	3	13	Status
Steel	4	14	(Tick One Box Only)
Unknown Timber	5	15	Built / In Use
☐ Wandoo	6	16	□ Not Used
	0	10	Proposed
∐ Jarrah	7	17	Under Construction
No – Decking	8	18	
Condek	9	19	Construction Date (New or Replacement
Bondek	10	20	Structurey
Pavement Type (Only For TMBR/THBR) (Tick One Box Only)	Geometry (m)		Bridge Location (Abutment 1 LH Kerb)
Concrete	Overall Length		
Gravel	Number of Spans		Longitude
Unpaved	Overall Width		Decimal Degrees (Min of 5 decimal places)
Unknown	Width Between Kerbs	5	
Surface Type (Tick One Box Only)	(Minimum) Median Width		Comments:
Bitumen Concrete (Asphalt)			
Bitumen Seal			
Concrete	Right Footpath Width	I	
Rubberized Seal	Maximum Headroom		
Steel Plate	Skew (degrees)		
☐ Tiles	Radius		
Timber Decking	Concrete Overlay		
Un – Surfaced (Gravel)			
Brick Paved			
	Overlay Date:		
Prepared By			Checked by:
Name: Sig	nature:		AMS:
Dat	e:		Signature:
Company/ Region:			Date:

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