

Location Details

Structure No:	32004
Structure Name:	ASHBURTON RIVER (HAKATERE) BRIDGE
Region:	-
Territorial Region:	Canterbury
Network Area:	South Canterbury
Road/SH	1S
BSN:	4306
RP:	430/0.6
Direction:	Two Way
Start Location (N/E):	5137422/1498819
End Location (N/E):	-
Latitude(WGS84):	-43.909359
Longitude(WGS84):	171.739896

Structure & Materials

Structure Type:	Bridge
Cross Section Of Superstructure:	beam and slab , composite
Long Section Of Superstructure:	Simple Spans
Beam Type:	T beams
Deck Material:	reinforced concrete
Superstructure Material:	Concrete Cast Insitu, Reinforced
Wearing Surface on Deck:	Chip Seal
Expansion Joint Type:	None
Bearing Type:	superstructure monolithic with support
Foundations:	Driven piles, RC or PSC
Pier Type:	RC Wall or diaphragm
Maximum Pier Height:	2.7 metres Widening: 2.7 metres
Length of Structure:	342.4 metres
Spans Arrangement (No.Length in m):	32/10.7 0/0 0/0

Live Load Capacity

Speed Limit:	-
Max Gross Weight:	-1.0 (%)
Max Axle Weight:	-1.0 kg
Stresses (Gross Limit/Axle Limit):	-1.0/-1.0 % of design stress

Restriction Date:	-
Failure Mode:	-
Analysis Method:	-
Condition:	-

Action Recommended:	-
Work Status:	-
Alternative Route:	deviation over 15 km

Utilities

Emergency Phone:	✘
Flushing Pipes:	✘
Gas Pipes:	✘

Irrigation pipes:	✘
Phone Fibre Optic Cables:	✘
Power Wires Cable:	✘

Sewer Pipes:	✘
Sign Gantries:	No
Water Supply Pipes:	✘
Other Utilities:	✘

General

Function:	-
Combined Function:	-
Year Constructed:	1931
Design Loading:	-
Drawings Numbers:	-
No. of Drawings:	-
Drawings Held At:	-
Cost:	-
Ownership:	Waka Kotahi NZ Transport Agency
Comments:	-
Heritage Structure:	No

Geometrics & Safety

Lanes Marked (Inc/Dec):	1/1
Guardrails:	none
Kerb Or Guardrail Height:	0.27 metres
Road Width Between Kerb/Guardrails:	8.5 metres
Handrails:	concrete
Height of Handrails:	1.22 metres
Width Between Handrail Tops:	-
Footway or Kerb Width (Left/Right):	1.43/1.43 metres
Vertical Clearance:	-
Curvature:	Straight metres
Radius of Horizontal Curve:	-
K Value of Vertical Curve:	-
Gradient of Deck:	0.0 %
Hazards:	none
Traffic Control Devices:	none
Lighting on Structure:	Yes



Increasing View



Decreasing View

