

Mataura River

Flood Modelling

29 October 2024

Client: Environment Southland

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Te Taiao Tonga

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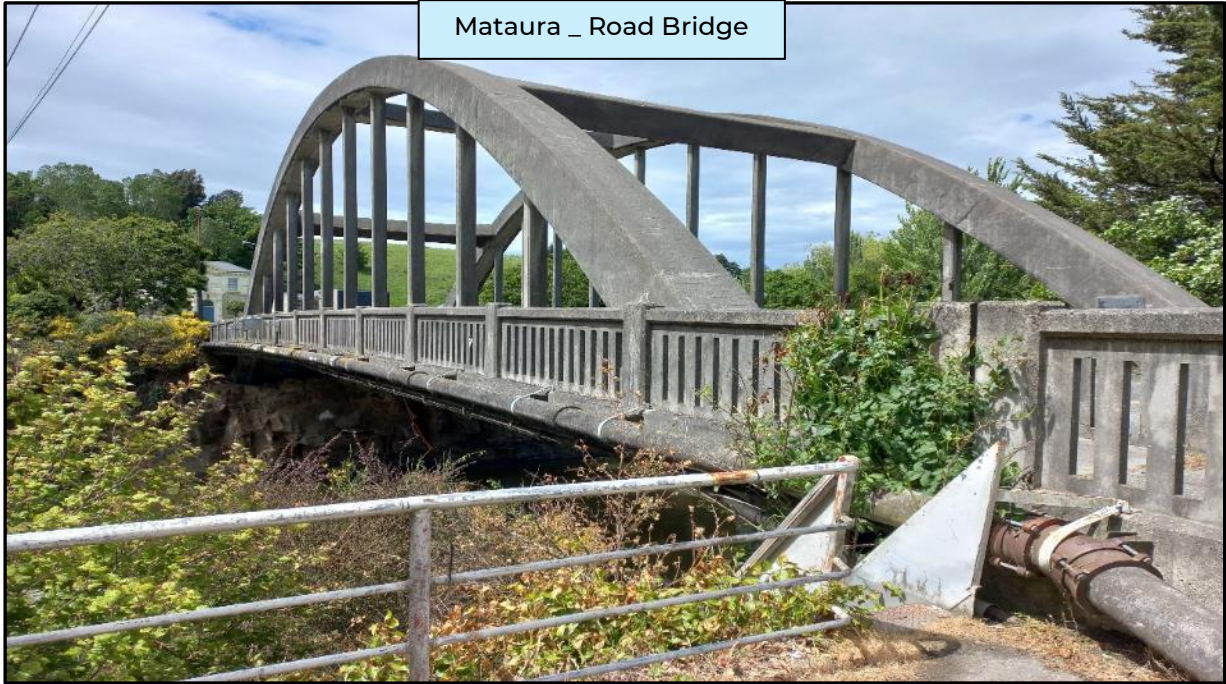
APPENDIX A – SITE VISIT PHOTOS

Gore _ Road Bridge



Gore _ Railway Bridge





Matura _ Road Bridge



Matura Fall

Mataura River with Side channels and Weir at Alliance Freezing work



Mataura River at Alliance Freezing work



Sediment sampling photos used for the manning's 'n' calculations.



Photo 1: Image 20221124_093602

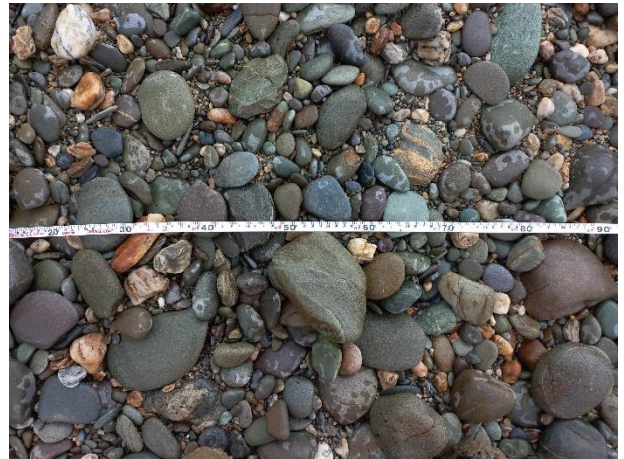


Photo 2: Image 20221124_093808



Photo 3: Image 20221124_100859

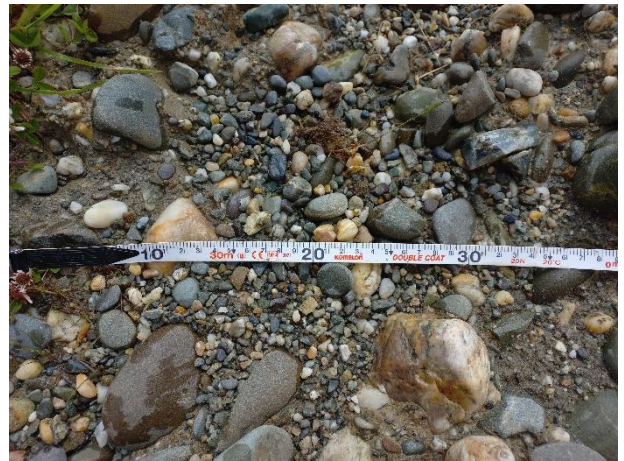
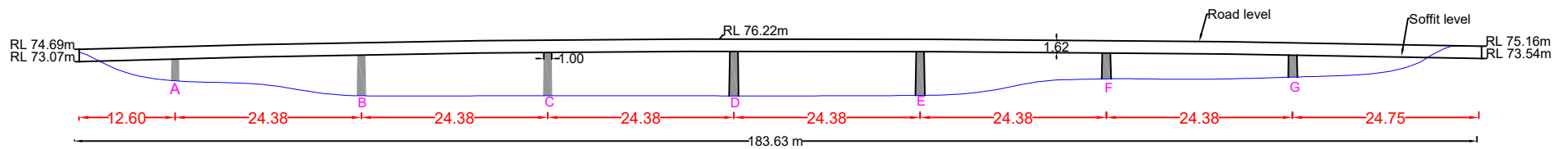


Photo 4: Image 20221124_105618

Gore Road Bridge



Note :

- 1.All Dimensions are in metres.
- 2.Bed level are derived from LiDAR Data.
- 3.Bridge dimensions and Span length are derived from Design Drawings
- 4.Pier dimensions, soffit and bridge elevations are derived from Survey.

Total length of the Bridge = 183.63m

Width of the Bridge = 13.72m

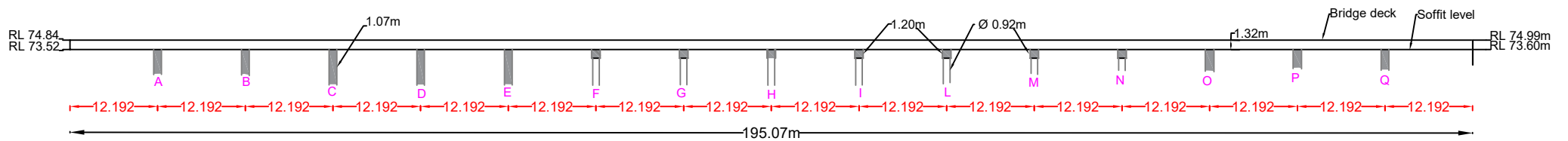
Pier Dimensions :

Top width = 1m

Bottom width varies

Pier A = 1.1m, B -F= 1.22m, G=1.20m

Gore Railway Bridge



Note :

- 1.All Dimensions are in metres.
- 2.Bed level are derived from LiDAR Data.
- 3.Bridge width and Span length are derived from Design Drawings
- 4.Pier dimensions, soffit and bridge elevations are derived from Survey.

Total length of the Railway Bridge = 195.07m (400ft)

Width of the Railway Bridge = 4.01m

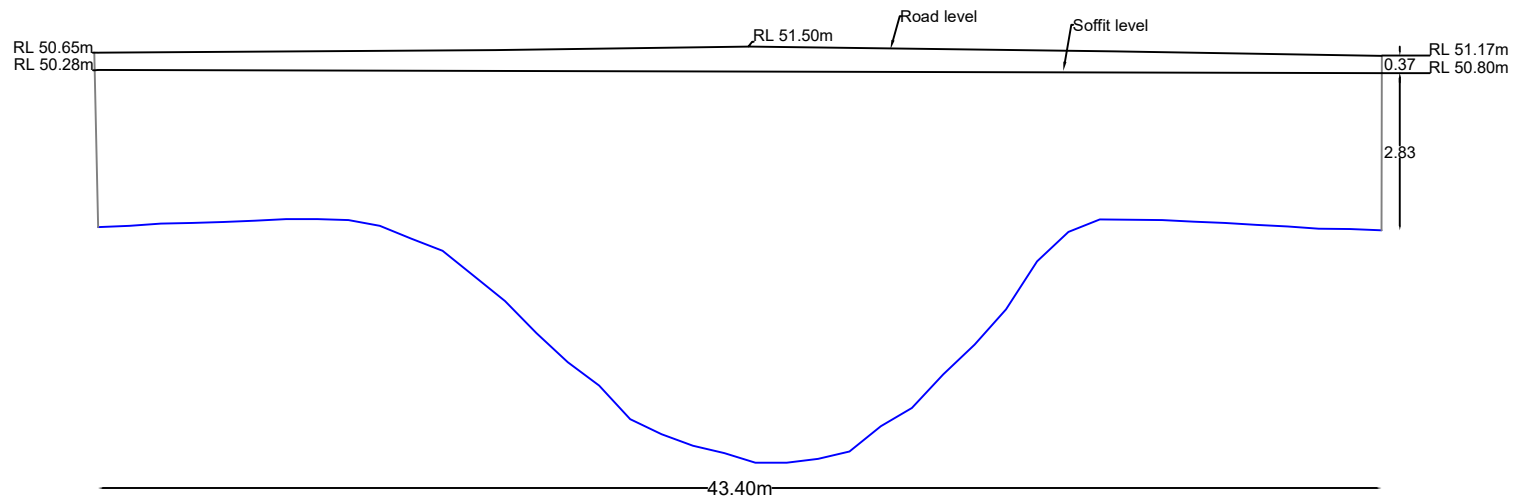
Pier Dimensions :

Top width (A - E, Q) = 1.07m

Top width (F - N) = 1.20m

Diameter (F - N) = 0.92m

Mataura Road Bridge



Note :

- 1.All Dimensions are in metres.
- 2.Bed level are derived from LiDAR Data.
- 3.Bridge dimensions and Span length are derived from Survey

Total span of the Bridge = 43.40m

Width of the Bridge = 12.30m

Gore





Mataura



