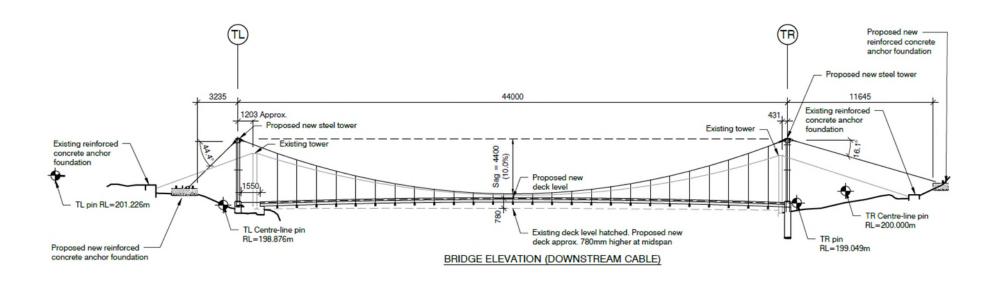
HOKITIKA GORGE SUSPENSION BRIDGE (2024)



Anticipated Project Timeline

Deadline for submission Tender of supplier Tenders Contract Anticipated Documents questions Close award contract start Issued 6 August 29 October 15 August 28 August 10 July 2024 2024 2024 2024 (4pm) 2024 (12pm) 1 August 9 August 16 August 30 August Anticipated 2024 2024 2024 (5pm) 2024 contract end Tenderers Deadline for Tender Unsuccessful 21 January Site Visit Principal to evaluation Tenderers 2025 answers commences notified of questions outcome

Key Design Features

- Design loading = 4.5kPa ($\sim 450kg/m^2$)
- Access (deck) width = 1.2m.
- Stiffened timber deck.
- 100% structural redundancy.
- Fatzer Spiral Strand Cables.
- Type A barrier.
- Deep rock anchors both sides.

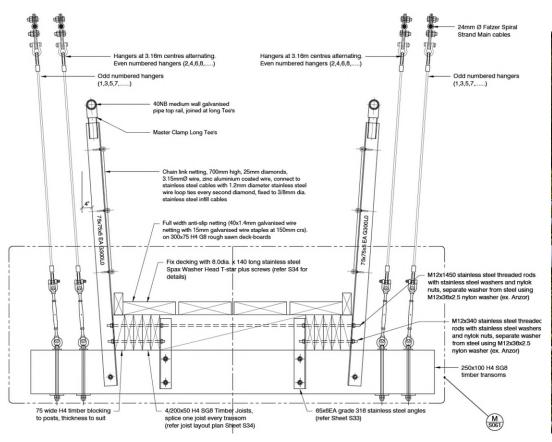




Key differences between the existing and new bridges

	Existing Bridge (c1930's)	Proposed new bridge (2024)
Span (tower to tower)	42.1m	44.0m
Deck width	900mm	1200mm
Barrier height	1.0m	1.1m
Capacity / Design Loading	6 persons / 1000kg	Unrestricted 4.5kPa (~450kg/m²)
Redundancy	None	100% redundancy through primary structure

Bridge Superstructure





Anchors



