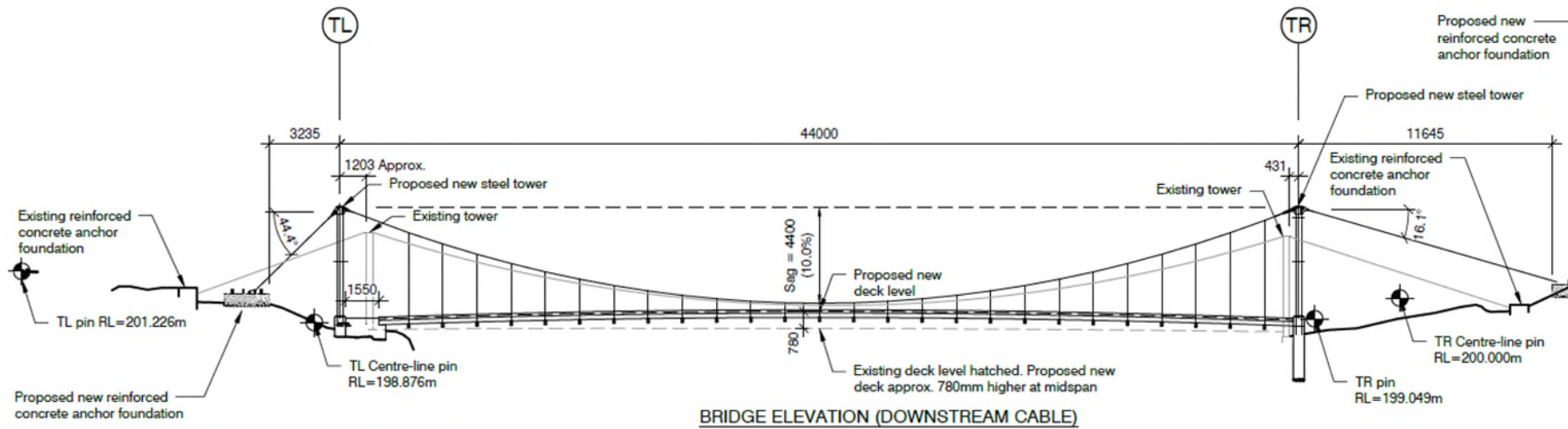
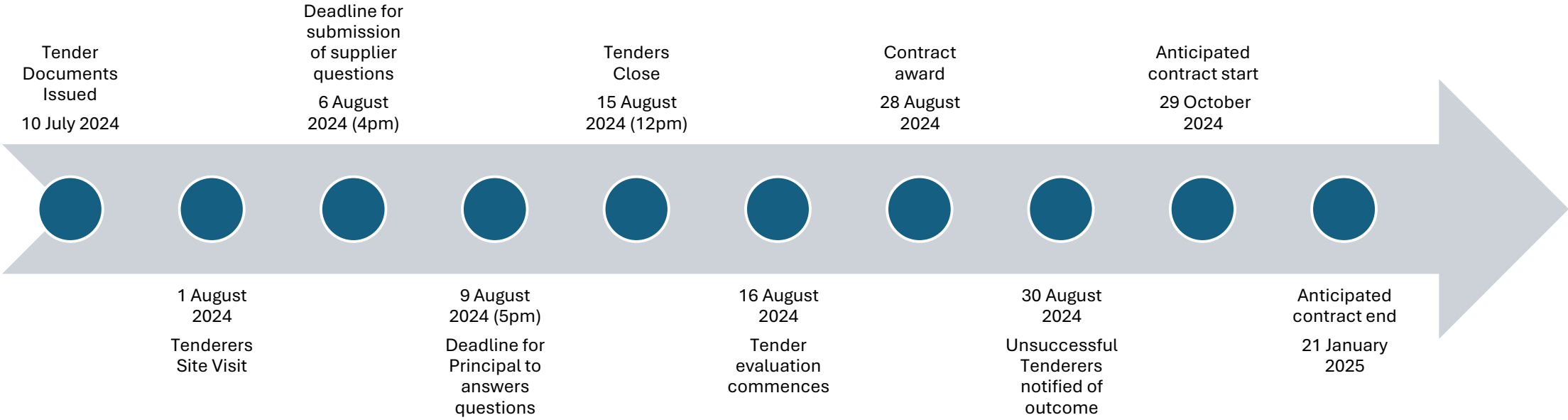


HOKITIKA GORGE SUSPENSION BRIDGE (2024)

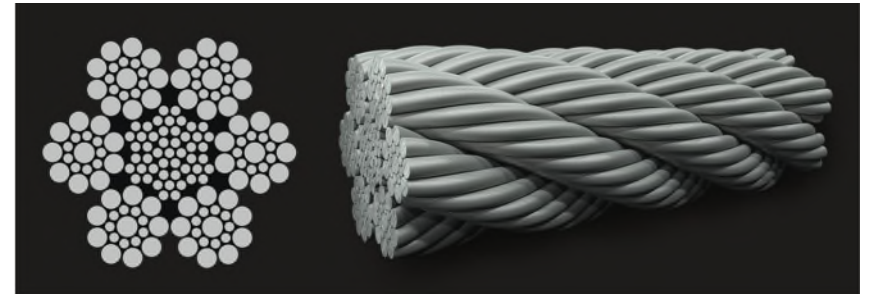


Anticipated Project Timeline



Key Design Features

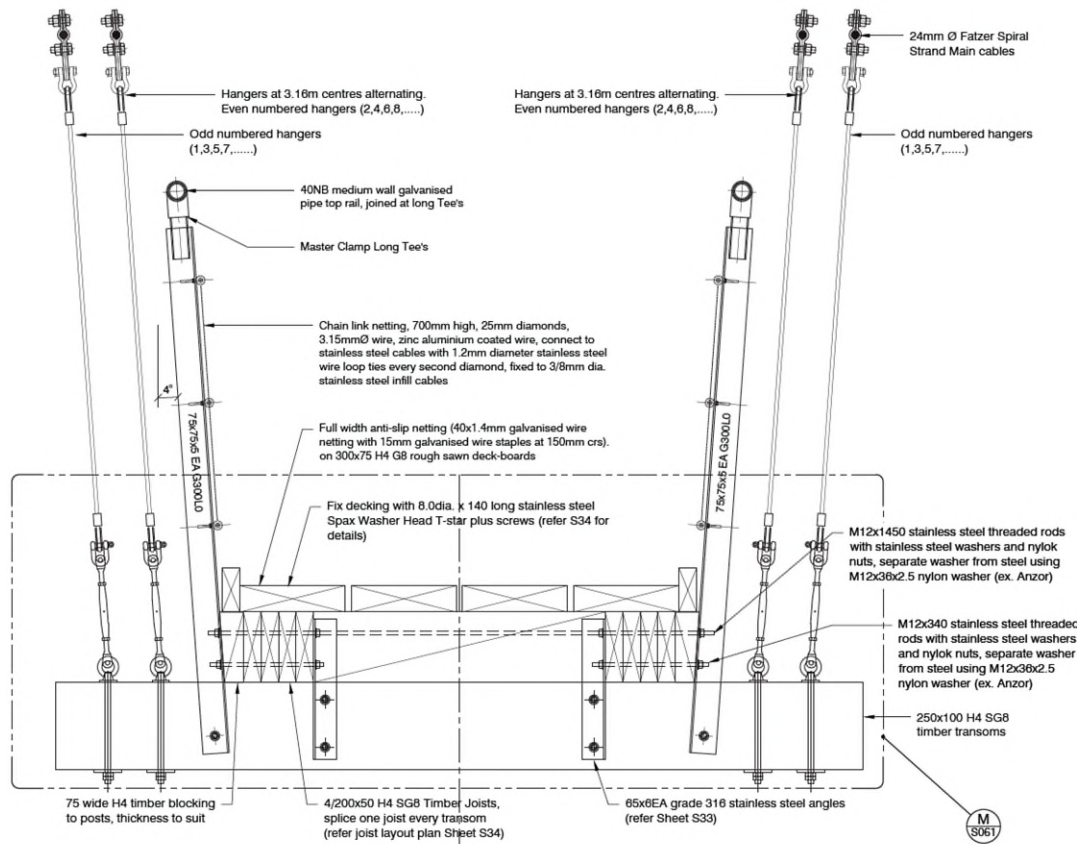
- *Design loading = 4.5kPa (~450kg/m²)*
- *Access (deck) width = 1.2m.*
- *Stiffened timber deck.*
- *100% structural redundancy.*
- *Fatzer Spiral Strand Cables.*
- *Type A barrier.*
- *Deep rock anchors both sides.*



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	<i>Unrestricted</i> <i>4.5kPa (~ 450kg/m²)</i>
Redundancy	None	100% redundancy through primary structure

Bridge Superstructure



Anchors

