KOPU BRIDGE

SCENARIO 1 - COMMERCIAL BASIS with Contingencies (25%) and Scaffolding in year 3 ($50k).

LONG TERM FINANCIAL PLAN 2014 -2063 (50 Year)

UNDISCOUNTED 2013 ($) 000'S — LAST UPDATED : 17 MAY 2013

Item	Description	Last Update	Freque. (Yrs)	Next Occurrence	Qty	UoM	Rate ($)	Cost ($)	1 2014	2 2015	3 2016	4 2017	5 2018	6 2019	7 2020	8 2021	9 2022	10 2023	11 2024	12 2025	13 2026	14 2027	15 2028	16 2029	17 2030	18 2031	19 2032	20 2033	21 2034	22 2035	23 2036	24 2037
1	OPERATIONS																															
1.1	**Administration**																															
	- Accounting & legal fees	n/a	1	2014	1	LS	1500	1500	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	- Administration expenses	n/a	1	2014	1	LS	500	500	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	- Bank fees & charges	n/a	1	2014	1	LS	250	250	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	- Insurances	n/a	1	2014	1	LS	2500	2500	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	- Permits, licences & fees	n/a	1	2014	1	LS	500	500	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	- Printing, postage and stationary	n/a	1	2014	1	LS	150	150	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	- Professional fees	n/a	5	2014	1	LS	1500	1500	1.5	-	-	-	-	1.5	-	-	-	-	1.5	-	-	-	-	1.5	-	-	-	-	1.5	-	-	-
	- Wages & salaries	n/a	1	2014	1	LS	5000	5000	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1.2	**Inspections**																															
	- Bi-annual bridge inspection	n/a	2	2014	1	Ea	2000	2000	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-
	- Detailed bridge inspection	n/a	6	2020	1	Ea	5000	5000	-	-	-	-	-	-	5.0	-	-	-	-	-	5.0	-	-	-	-	-	5.0	-	-	-	-	-
	- Waterway sounding	n/a	6	2020	1	Ea	2000	2000	-	-	-	-	-	-	2.0	-	-	-	-	-	2.0	-	-	-	-	-	2.0	-	-	-	-	-
	- Dive inspection	n/a	12	2026	1	Ea	10000	10000	-	-	-	-	-	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-
	- Mechanical inspection	n/a	12	2026	1	Ea	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-
	- Electrical inspection	n/a	12	2026	1	Ea	1000	1000	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-
1.3	**Bridge Operation**																															
	- Monthly testing	n/a	1	2014	12	Ea	550	6600	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	- Scheduled openings	n/a	1	2014	4	Ea	550	2200	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	- Power usage (electricity)	n/a	1	2014	1	LS	1500	1500	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Total Operations								**24**	**21**	**23**	**21**	**23**	**22**	**30**	**21**	**23**	**21**	**24**	**21**	**42**	**21**	**23**	**22**	**23**	**21**	**30**	**21**	**24**	**21**	**23**	**21**
2	MAINTENANCE																															
2.1	**General**																															
	- Detritus removal	Unknown	3	2014	1	LS	2500	2500	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-
	- Vegetation control	Unknown	3	2014	1	LS	1500	1500	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-
	- Bolt tightening (handrails etc.)	Unknown	5	2019	1	Ea	2000	2000	-	-	-	-	-	2.0	-	-	-	-	2.0	-	-	-	-	2.0	-	-	-	-	2.0	-	-	-
2.2	**Paint systems**																															
	- Spot painting timber elements	Unknown	5	2015	1	LS	2500	2500	-	2.5	-	-	-	-	2.5	-	-	-	-	2.5	-	-	-	-	2.5	-	-	-	-	2.5	-	-
	- Spot painting steel elements	Unknown	5	2015	1	LS	5000	5000	-	5.0	-	-	-	-	5.0	-	-	-	-	5.0	-	-	-	-	5.0	-	-	-	-	5.0	-	-
2.3	**Structural concrete**																															
	- Minor concrete spall repairs	Unknown	5	2016	1	LS	5000	5000	-	-	5.0	-	-	-	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	-	-	5.0	-
	- Major concrete spall repairs	Unknown	10	2021	1	LS	25000	25000	-	-	-	-	-	-	-	25.0	-	-	-	-	-	-	-	-	-	25.0	-	-	-	-	-	-
	- Minor concrete crack repairs	Unknown	5	2016	1	LS	2500	2500	-	-	2.5	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	2.5	-
	- Major concrete crack repairs	Unknown	10	2021	1	LS	10000	10000	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-
2.4	**Deck surfacing**																															
	- Pothole repair	Unknown	3	2014	1	LS	500	500	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-
	- Crack sealing	Unknown	3	2014	1	LS	500	500	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-
2.5	**Mechanical**																															
	- Grease & lube mechanical components	Unknown	1	2014	1	LS	500	500	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2.6	**Electrical**																															
	- Minor maintenance and consumables	Unknown	1	2014	1	LS	200	200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2.7	**Other**																															
	- Vandalism repair	n/a	1	2014	1	LS	200	200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	- Miscellaneous repairs	n/a	1	2014	1	LS	300	300	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	- Litter removal	n/a	1	2014	4	Ea	200	800	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	- Sign cleaning	n/a	1	2014	1	Ea	200	200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2.9	**Total Maintenance**								**7.2**	**9.7**	**9.7**	**7.2**	**2.2**	**4.2**	**14.7**	**37.2**	**2.2**	**7.2**	**4.2**	**9.7**	**14.7**	**2.2**	**2.2**	**9.2**	**9.7**	**37.2**	**7.2**	**2.2**	**4.2**	**14.7**	**9.7**	**2.2**
3	RENEWAL																															
3.1	**Approaches**																															
3.2	**Abutments and Piers**																															
3.3	**Girders**																															
	- Replace bearings	1928	25	2020	5	Ea	2000	10000	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4	**Diaphragms & Cross Bracing**																															
	- Replace steel components	1928	20	2020	10	Ea	2500	25000	-	-	-	-	-	-	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.5	**Paint Systems**																															
	- Repaint wooden components	Unknown	15	2015	1	LS	7500	7500	-	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	-	-	-	-	-
	- Repaint steel components	Unknown	40	2020	1	LS	300000	300000	-	-	-	-	-	-	300.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.6	**Concrete Deck**																															
3.7	**Deck Surfacing**																															
	- Replace deck surfacing	Unknown	25	2015	1555	m2	5	7775	-	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8	**Side Protection**																															
	- Replace decayed/damaged posts	1928	25	2014	32	Ea	225	7200	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace decayed or damaged top rails	1928	25	2014	12	Ea	175	2100	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace missing/corroded /loose straps	1928	50	2014	200	Ea	50	10000	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace broken or loose wires	1928	50	2014	1000	m	5	5000	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.9	**Swing Span**																															
	- Remove walkway	1928	100	2014	1	LS	5000	5000	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1	**Swing Span Deck**																															
	- Replace deck surfacing	Unknown	50	2016	150	m2	5	750	-	-	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.11	**Control Cabin**																															
	- Replace corrugated iron cladding	1928	50	2015	1	LS	6500	6500	-	6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace access ladder	1928	50	2015	1	Ea	2500	2500	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.12	**Mechanical**																															
	- Replace galvanised cables	1928	75	2025	1	LS	10000	10000	-	-	-	-	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace motor starter, speed selector, start	1928	75	2024	1	LS	50000	50000	-	-	-	-	-	-	-	-	-	-	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace turntable motor	1928	75	2030	1	LS	25000	25000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.0	-	-	-	-	-	-	-
	- Replace turntable wheels	1928	75	2024	5	EA	5000	25000	-	-	-	-	-	-	-	-	-	-	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace turntable pinion gear	1928	75	2024	1	EA	15000	15000	-	-	-	-	-	-	-	-	-	-	15.0	-	-	-	-	-	-	-	-	-	-	-	-	-
3.13	**Electrical**																															
	- Replace distribution board	1928	75	2020	1	LS	5000	5000	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace circuit breakers	1928	75	2020	1	LS	5000	5000	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace electrical cables	1928	75	2020	1	LS	15000	15000	-	-	-	-	-	-	15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.14	**Miscellaneous**																															
	- Replace signs	Unknown	20	2016	5	Ea	100	500	-	-	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-
	- Replace gates	Unknown	35	2025	2	Ea	1500	3000	-	-	-	-	-	-	-	-	-	-	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-
3.15	**Total Renewal**								**29.3**	**24.3**	**1.3**	**-**	**-**	**-**	**360.0**	**-**	**-**	**-**	**90.0**	**13.0**	**-**	**-**	**-**	**-**	**32.5**	**-**	**-**	**-**	**-**	**-**	**0.5**	**-**
4	CAPITAL IMPROVEMENTS																															
4.1	**Bridge Components**																															
4.2	**Health & Safety + Scaffolding**	n/a	100	2016	1	LS	50000	50000	-	-	50.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3	**Visitor Information & Services**																															
	- Construct Information Kiosk	n/a	50	2014	1	LS	5000	5000	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Install information and safety signage	n/a	25	2014	1	LS	2500	2500	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Install donation box	n/a	50	2014	1	LS	500	500	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4	**Miscellaneous**																															
	- Upgrade visitor parking	n/a	100	2014	1	LS	5000	5000	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.5	**Total Capital Improvements**								**13.0**	**-**	**50.0**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5	TOTALS																															
5.1	**Operations + 25% contingencies**								30	26	28	26	28	28	37	26	28	26	30	26	52	26	28	28	28	26	37	26	30	26	28	26
5.2	**Maintenance + 25% contingencies**								9	12	12	9	3	5	18	47	3	9	5	12	18	3	3	12	12	47	9	3	5	18	12	3
5.3	**Renewal + 25% contingencies**								37	30	2	-	-	-	450	-	-	-	113	16	-	-	-	-	41	-	-	-	-	-	1	-
5.4	**Capital Improvements + 25% contingencies**								16	-	63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5	**Total Forecasted Expenditure + 25% contingencies**								**92**	**68**	**105**	**35**	**31**	**33**	**506**	**72**	**31**	**35**	**148**	**54**	**71**	**29**	**31**	**39**	**81**	**72**	**46**	**29**	**36**	**44**	**41**	**29**

KOPU BRIDGE

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UNDISCOUNTED 2013 ($) 000'S — LAST UPDATED : 17 MAY 2013

Item	Description	Last Update	Freque. (Yrs)	Next Occurrence	Qty	UoM	Rate ($)	Cost ($)	25 2038	26 2039	27 2040	28 2041	29 2042	30 2043	31 2044	32 2045	33 2046	34 2047	35 2048	36 2049	37 2050	38 2051	39 2052	40 2053	41 2054	42 2055	43 2056	44 2057	45 2058	46 2059	47 2060	48 2061	49 2062	50 2063
1	OPERATIONS																																		
1.1	**Administration**																																		
	- Accounting & legal fees	n/a	1	2014	1	LS	1500	1500	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	- Administration expenses	n/a	1	2014	1	LS	500	500	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	- Bank fees & charges	n/a	1	2014	1	LS	250	250	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	- Insurances	n/a	1	2014	1	LS	2500	2500	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	- Permits, licences & fees	n/a	1	2014	1	LS	500	500	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	- Printing, postage and stationary	n/a	1	2014	1	LS	150	150	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	- Professional fees	n/a	5	2014	1	LS	1500	1500	-	1.5	-	-	-	-	1.5	-	-	-	-	1.5	-	-	-	-	1.5	-	-	-	-	1.5	-	-	-	-	-
	- Wages & salaries	n/a	1	2014	1	LS	5000	5000	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
1.2	**Inspections**																																		
	- Bi-annual bridge inspection	n/a	2	2014	1	Ea	2000	2000	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-	2.0	-
	- Detailed bridge inspection	n/a	6	2020	1	Ea	5000	5000	5.0	-	-	-	-	-	5.0	-	-	-	-	-	5.0	-	-	-	-	-	5.0	-	-	-	-	-	5.0	-	-
	- Waterway sounding	n/a	6	2020	1	Ea	2000	2000	2.0	-	-	-	-	-	2.0	-	-	-	-	-	2.0	-	-	-	-	-	2.0	-	-	-	-	-	2.0	-	-
	- Dive inspection	n/a	12	2026	1	Ea	10000	10000	10.0	-	-	-	-	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-	10.0	-	-
	- Mechanical inspection	n/a	12	2026	1	Ea	1000	1000	1.0	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-
	- Electrical inspection	n/a	12	2026	1	Ea	1000	1000	1.0	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-
1.3	**Bridge Operation**																																		
	- Monthly testing	n/a	1	2014	12	Ea	550	6600	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	- Scheduled openings	n/a	1	2014	4	Ea	550	2200	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	- Power usage (electricity)	n/a	1	2014	1	LS	1500	1500	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	Total Operations								**42**	**22**	**23**	**21**	**23**	**21**	**31**	**21**	**23**	**21**	**23**	**22**	**42**	**21**	**23**	**21**	**24**	**21**	**30**	**21**	**23**	**22**	**23**	**21**	**42**	**21**
2	MAINTENANCE																																		
2.1	**General**																																		
	- Detritus removal	Unknown	3	2014	1	LS	2500	2500	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-	2.5	-	-
	- Vegetation control	Unknown	3	2014	1	LS	1500	1500	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-	1.5	-	-
	- Bolt tightening (handrails etc.)	Unknown	5	2019	1	Ea	2000	2000	-	2.0	-	-	-	-	2.0	-	-	-	-	2.0	-	-	-	-	2.0	-	-	-	-	2.0	-	-	-	-	-
2.2	**Paint systems**																																		
	- Spot painting timber elements	Unknown	5	2015	1	LS	2500	2500	-	-	2.5	-	-	-	-	2.5	-	-	-	-	2.5	-	-	-	-	2.5	-	-	-	-	2.5	-	-	-	-
	- Spot painting steel elements	Unknown	5	2015	1	LS	5000	5000	-	-	5.0	-	-	-	-	5.0	-	-	-	-	5.0	-	-	-	-	5.0	-	-	-	-	5.0	-	-	-	-
2.3	**Structural concrete**																																		
	- Minor concrete spall repairs	Unknown	5	2016	1	LS	5000	5000	-	-	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	-	-	5.0	-	-	-	-	-	-	-	-
	- Major concrete spall repairs	Unknown	10	2021	1	LS	25000	25000	-	-	-	25.0	-	-	-	-	-	-	-	-	-	25.0	-	-	-	-	-	-	-	-	-	25.0	-	-	-
	- Minor concrete crack repairs	Unknown	5	2016	1	LS	2500	2500	-	-	-	-	-	-	-	-	2.5	-	-	-	-	-	-	-	-	-	2.5	-	-	-	-	-	-	-	-
	- Major concrete crack repairs	Unknown	10	2021	1	LS	10000	10000	-	-	-	10.0	-	-	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-	-	-	10.0	-	-	-
2.4	**Deck surfacing**																																		
	- Pothole repair	Unknown	3	2014	1	LS	500	500	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-
	- Crack sealing	Unknown	3	2014	1	LS	500	500	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-	0.5	-	-
2.5	**Mechanical**																																		
	- Grease & lube mechanical components	Unknown	1	2014	1	LS	500	500	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
2.6	**Electrical**																																		
	- Minor maintenance and consumables	Unknown	1	2014	1	LS	200	200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2.7	**Other**																																		
	- Vandalism repair	n/a	1	2014	1	LS	200	200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	- Miscellaneous repairs	n/a	1	2014	1	LS	300	300	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
	- Litter removal	n/a	1	2014	4	Ea	200	800	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	- Sign cleaning	n/a	1	2014	1	Ea	200	200	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
2.9	**Total Maintenance**								**7.2**	**4.2**	**9.7**	**42.2**	**2.2**	**2.2**	**9.2**	**9.7**	**9.7**	**7.2**	**2.2**	**4.2**	**14.7**	**37.2**	**2.2**	**7.2**	**4.2**	**9.7**	**14.7**	**2.2**	**2.2**	**9.2**	**9.7**	**37.2**	**7.2**	**2.2**
3	RENEWAL																																		
3.1	**Approaches**																																		
3.2	**Abutments and Piers**																																		
3.3	**Girders**																																		
	- Replace bearings	1928	25	2020	5	Ea	2000	10000	-	-	-	-	-	-	-	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.4	**Diaphragms & Cross Bracing**																																		
	- Replace steel components	1928	20	2020	10	Ea	2500	25000	-	-	25.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.0	-	-	-
3.5	**Paint Systems**																																		
	- Repaint wooden components	Unknown	15	2015	1	LS	7500	7500	-	-	-	-	-	-	-	7.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.5	-	-	-
	- Repaint steel components	Unknown	40	2020	1	LS	300000	300000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	300.0	-	-	-
3.6	**Concrete Deck**																																		
3.7	**Deck Surfacing**																																		
	- Replace deck surfacing	Unknown	25	2015	1555	m2	5	7775	-	-	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.8	**Side Protection**																																		
	- Replace decayed/damaged posts	1928	25	2014	32	Ea	225	7200	-	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace decayed or damaged top rails	1928	25	2014	12	Ea	175	2100	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace missing/corroded /loose straps	1928	50	2014	200	Ea	50	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace broken or loose wires	1928	50	2014	1000	m	5	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.9	**Swing Span**																																		
	- Remove walkway	1928	100	2014	1	LS	5000	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.1	**Swing Span Deck**																																		
	- Replace deck surfacing	Unknown	50	2016	150	m2	5	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.11	**Control Cabin**																																		
	- Replace corrugated iron cladding	1928	50	2015	1	LS	6500	6500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace access ladder	1928	50	2015	1	Ea	2500	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.12	**Mechanical**																																		
	- Replace galvanised cables	1928	75	2025	1	LS	10000	10000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace motor starter, speed selector, start	1928	75	2024	1	LS	50000	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace turntable motor	1928	75	2030	1	LS	25000	25000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace turntable wheels	1928	75	2024	5	EA	5000	25000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace turntable pinion gear	1928	75	2024	1	EA	15000	15000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.13	**Electrical**																																		
	- Replace distribution board	1928	75	2020	1	LS	5000	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace circuit breakers	1928	75	2020	1	LS	5000	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Replace electrical cables	1928	75	2020	1	LS	15000	15000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.14	**Miscellaneous**																																		
	- Replace signs	Unknown	20	2016	5	Ea	100	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-
	- Replace gates	Unknown	35	2025	2	Ea	1500	3000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.0	-	-	-	-
3.15	**Total Renewal**								**-**	**9.3**	**32.8**	**-**	**-**	**-**	**-**	**17.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**0.5**	**-**	**-**	**-**	**335.5**	**-**	**-**	**-**
4	CAPITAL IMPROVEMENTS																																		
4.1	**Bridge Components**																																		
4.2	**Health & Safety + Scaffolding**	n/a	100	2016	1	LS	50000	50000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.3	**Visitor Information & Services**																																		
	- Construct Information Kiosk	n/a	50	2014	1	LS	5000	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Install information and safety signage	n/a	25	2014	1	LS	2500	2500	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	- Install donation box	n/a	50	2014	1	LS	500	500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.4	**Miscellaneous**																																		
	- Upgrade visitor parking	n/a	100	2014	1	LS	5000	5000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.5	**Total Capital Improvements**								**-**	**2.5**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
5	TOTALS																																		
5.1	**Operations + 25% contingencies**								52	28	28	26	28	26	39	26	28	26	28	28	52	26	28	26	30	26	37	26	28	28	28	26	52	26
5.2	**Maintenance + 25% contingencies**								9	5	12	53	3	3	12	12	12	9	3	5	18	47	3	9	5	12	18	3	3	12	12	47	9	3
5.3	**Renewal + 25% contingencies**								-	12	41	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-	1	-	-	-	419	-	-	-
5.4	**Capital Improvements + 25% contingencies**								-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.5	**Total Forecasted Expenditure + 25% contingencies**								**61**	**48**	**81**	**79**	**31**	**29**	**51**	**60**	**41**	**35**	**31**	**33**	**71**	**72**	**31**	**35**	**36**	**38**	**56**	**29**	**31**	**39**	**460**	**72**	**61**	**29**