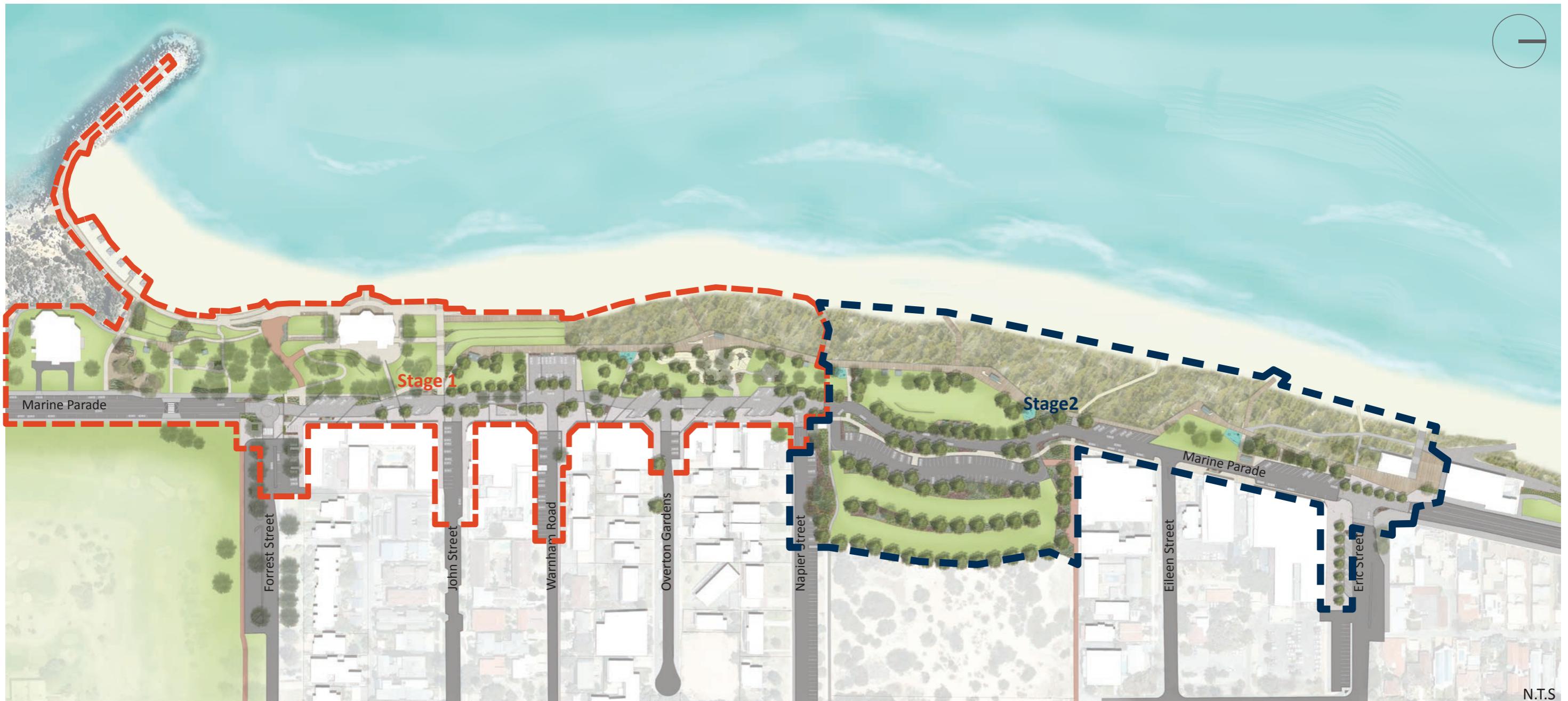


Appendix 6 - Preliminary Cost Estimate

STAGE 1 - FORREST TO NAPIER STREET					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1.00 Preliminaries					
1.01	Site establishment, insurances, set out, etc.	item		15%	\$1,461,893
2.00 Demolition					
2.01	Remove existing kerb	m	3,237	\$2	\$6,474
2.02	Remove existing road pavement	m ²	14,046	\$5	\$70,230
2.03	Remove existing footpath	m ²	9,895	\$5	\$49,475
2.04	Remove all existing furniture, fences, signage etc	PS	1	\$50,000	\$50,000
2.05	Store topsoil and respread	m ²	16,548	\$2	\$33,096
3.00 Earthworks					
3.01	Bulk earthworks	PS	1	\$100,000	\$100,000
3.02	Detailed earthworks	m ²	27,711	\$10	\$277,110
4.00 Pavements					
4.01	Segmental paving + 200mm crushed rock base course	m ²	4,559	\$250	\$1,139,750
4.02	Segmental paving + 100mm crushed rock base course	m ²	3,672	\$220	\$807,840
4.03	Asphalt seal (black) + 100mm crushed rock base course	m ²	5,205	\$65	\$338,325
4.04	Asphalt seal (red) + 100mm crushed rock base course	m ²	418	\$70	\$29,260
4.05	Concrete paving - exposed aggregate finish	m ²	4,752	\$110	\$522,720
4.06	Concrete paving - broomed finish	m ²	1,638	\$80	\$131,040
4.07	Semi-mountable kerb	m	1,170	\$32	\$37,440
4.08	Flush kerb	m	1,233	\$29	\$35,757
4.09	Parking bay linemarking	PS	1	\$5,000	\$5,000
5.00 Drainage					
5.01	Strip drain - trafficable	m	380	\$800	\$304,000
5.02	Pit & pipe network	PS	1	\$75,000	\$75,000
6.00 Decking					
6.01	Boardwalk / deck	m	2,102	\$800	\$1,681,600
7.00 Walls & steps					
7.01	Limestone retaining wall - 400mm high	m	1,137	\$250	\$284,250
7.02	Point and repair existing retaining walls	PS	1	\$50,000	\$50,000
7.03	Concrete steps	m	511	\$350	\$178,850
8.00 Furniture					
8.01	Handrails	m ²	247	\$900	\$222,300
8.02	Bollards	item	40	\$760	\$30,400
8.03	Barbecues	m ²	3	\$14,000	\$42,000
8.04	Bench seats - proprietary	m ²	9	\$3,500	\$31,500
8.05	Bench seats - custom	m ²	3	\$10,000	\$30,000
8.06	Picnic tables	m ²	12	\$5,000	\$60,000
8.07	Litter bins	m ²	12	\$2,500	\$30,000
8.08	Bicycle racks	m ²	30	\$800	\$24,000
8.09	Shade Structures to boardwalk & parklands	item	15	\$25,000	\$375,000
8.10	Shade Structures to beach	item	6	\$18,000	\$108,000
8.11	Drink fountains (inc plumbing)	m ²	5	\$8,000	\$40,000
8.12	Beach showers (inc plumbing)	m ²	6	\$8,000	\$48,000
9.00 Lighting & Electrical					
9.01	Pole top street lights	item	10	\$10,000	\$100,000
9.02	Pole top POS lights	item	40	\$15,000	\$600,000
9.03	Feature uplighting	item	50	\$2,000	\$100,000
9.04	Electrical connections	PS	1	\$300,000	\$300,000
10.00 Playground & Fitness Stations					
10.01	Sand softfall	m ²	950	\$30	\$28,500
10.02	Rubber softfall	m ²	65	\$210	\$13,650
10.03	Mulch softfall	m ²	520	\$24	\$12,480
10.04	Shade sails	item	1	\$60,000	\$60,000
10.05	Playground equipment	m ²	1	\$500,000	\$500,000
10.06	Fitness equipment	m ²	8	\$2,000	\$16,000
11.00 Softworks					
11.01	100 Litre trees	ea	75	\$350	\$26,250
11.02	Roll-on turf	m ²	13,365	\$10	\$133,650
11.03	Topsoil to all turfed areas	m ²	13,365	\$3	\$40,095
11.04	Mass planting (4 x 130mm pots per sqm)	m ²	3,183	\$34	\$108,222
11.05	Topsoil to all planted areas	m ²	3,183	\$5	\$15,915
11.06	Organic mulch to all planted areas	m ²	3,183	\$9	\$28,647
12.00 Irrigation					
12.01	Irrigation to planted areas	m ²	13,365	\$15	\$200,475
12.02	Irrigation to turf areas	m ²	13,365	\$10	\$133,650
12.03	Water source	PS	1	\$80,000	\$80,000
13.00 Other					
13.01	Public art & interpretive elements	PS	1	\$500,000	\$500,000
13.02	New public amenities building	PS	0	\$400,000	\$0
14.00 Contingencies					
14.01	Contingencies	PS		25%	\$2,801,961
Subtotal (exc GST)					\$14,509,805

STAGE 2 - NAPIER TO ERIC STREET					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1.00 Preliminaries					
1.01	Site establishment, insurances, set out, etc.	item		15.00%	\$1,461,893
2.00 Demolition					
2.01	Remove existing kerb	m	3,633	\$2	\$7,266
2.02	Remove existing road pavement	m ²	18,146	\$5	\$90,730
2.03	Remove existing footpath	m ²	4,026	\$5	\$20,130
2.04	Remove all existing furniture, fences, signage etc	PS	1	\$50,000	\$50,000
2.05	Store topsoil and respread	m ²	15,110	\$2	\$30,220
3.00 Earthworks					
3.01	Bulk earthworks	PS	1	\$100,000	\$100,000
3.02	Detailed earthworks	m ²	31,079	\$10	\$310,790
4.00 Pavements					
4.01	Segmental paving + 200mm crushed rock base course	m ²	752	\$250	\$188,000
4.02	Segmental paving + 100mm crushed rock base course	m ²	1,314	\$220	\$289,080
4.03	Asphalt seal (black) + 100mm crushed rock base course	m ²	8,881	\$65	\$577,265
4.04	Asphalt seal (red) + 100mm crushed rock base course	m ²	999	\$70	\$69,930
4.05	Concrete paving - exposed aggregate finish	m ²	1,335	\$110	\$146,850
4.06	Concrete paving - broomed finish	m ²	1,200	\$80	\$96,000
4.07	Semi-mountable kerb	m	1,794	\$32	\$57,408
4.08	Flush kerb	m	510	\$29	\$14,790
4.09	Parking bay linemarking	PS	1	\$5,000	\$5,000
5.00 Drainage					
5.01	Strip drain - trafficable	m	50	\$800	\$40,000
5.02	Pit & pipe network	PS	1	\$75,000	\$75,000
6.00 Decking					
6.01	Boardwalk / deck	m	2,604	\$800	\$2,083,200
7.00 Walls & steps					
7.01	Limestone retaining wall - 400mm high	m	160	\$250	\$40,000
7.02	Point and repair existing retaining walls	PS	0	\$50,000	\$0
7.03	Concrete steps	m	300	\$350	\$105,000
8.00 Furniture					
8.01	Handrails	m ²	407	\$900	\$366,300
8.02	Bollards	item	32	\$760	\$24,320
8.03	Barbecues	m ²	2	\$14,000	\$28,000
8.04	Bench seats - proprietary	m ²	10	\$3,500	\$35,000
8.05	Bench seats - custom	m ²	2	\$10,000	\$20,000
8.06	Picnic tables	m ²	6	\$5,000	\$30,000
8.07	Litter bins	m ²	6	\$2,500	\$15,000
8.08	Bicycle racks				





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