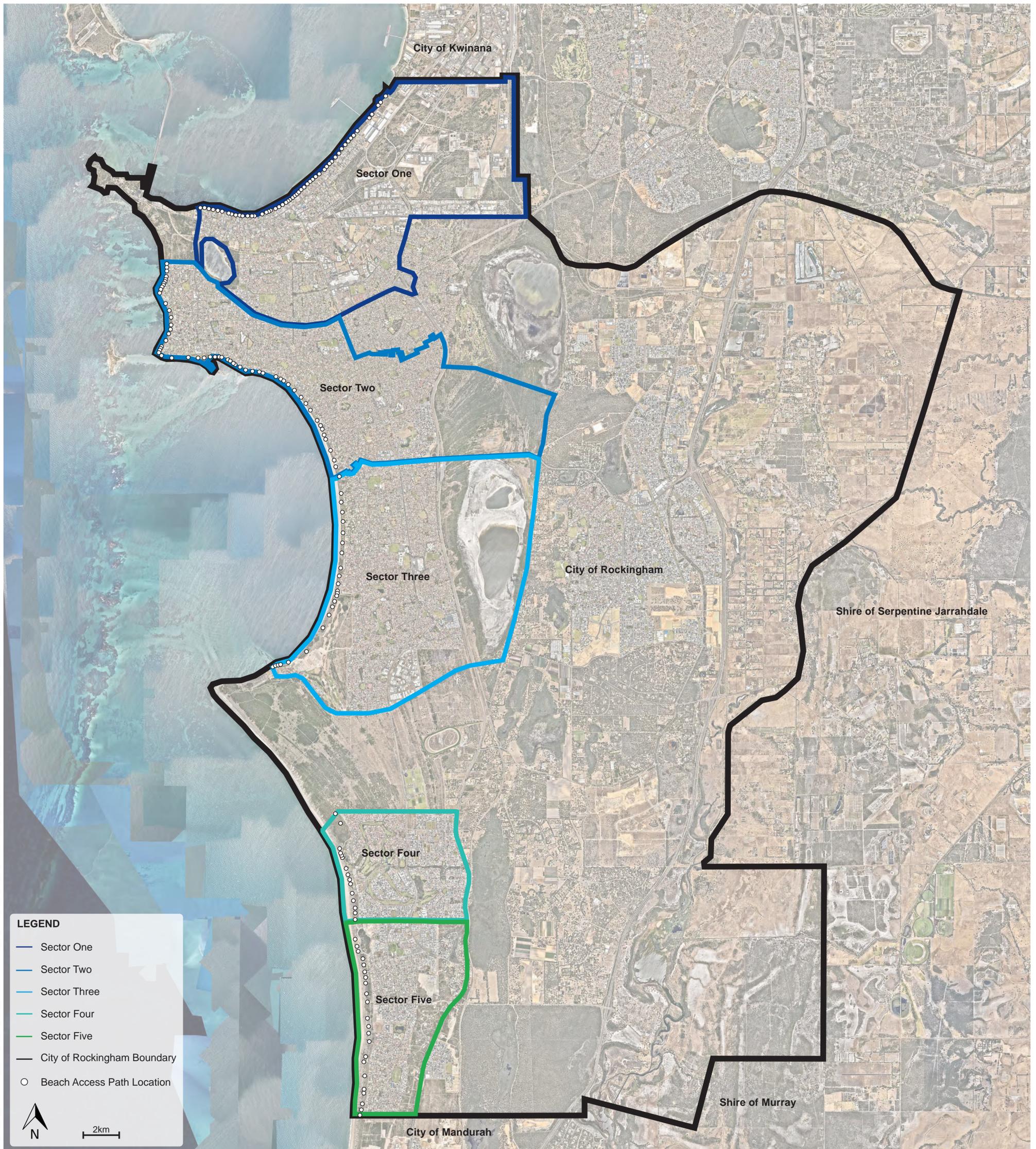
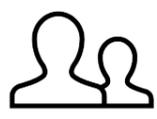


Overall Beach Access Path Map



Sector One: Rockingham

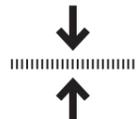
Demographics (2021)



Population:
15,623



Population Growth 2016-21:
+932



Median Age:
49 ↑



Families:
4,057



Average Children Per Family:
0.5 ↓



Need for Assistance:
7.6% ↑



All Private Dwellings:
8,638

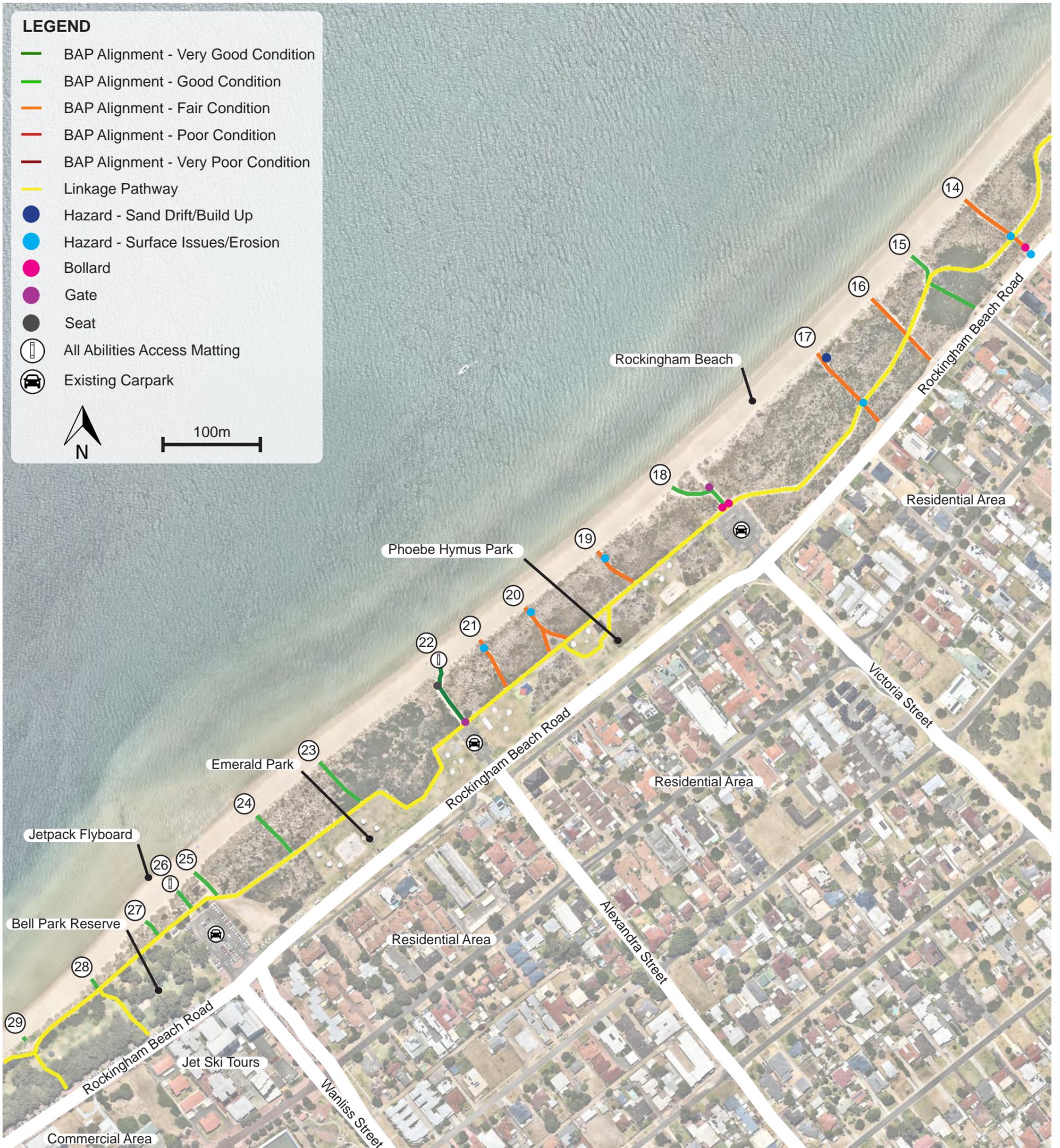


Median Weekly Household Income:
\$1,169 ↓

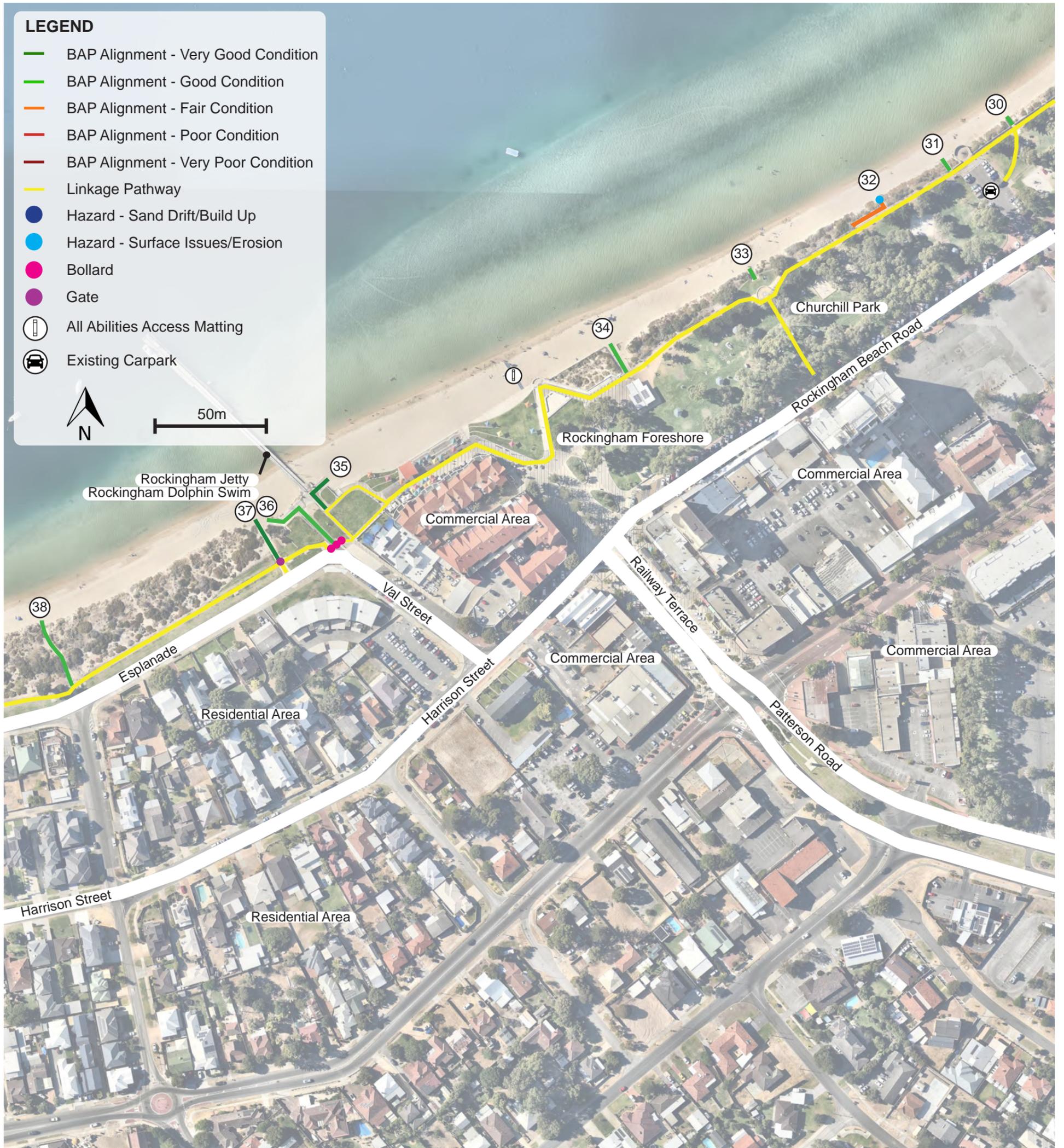
Sector One Map One



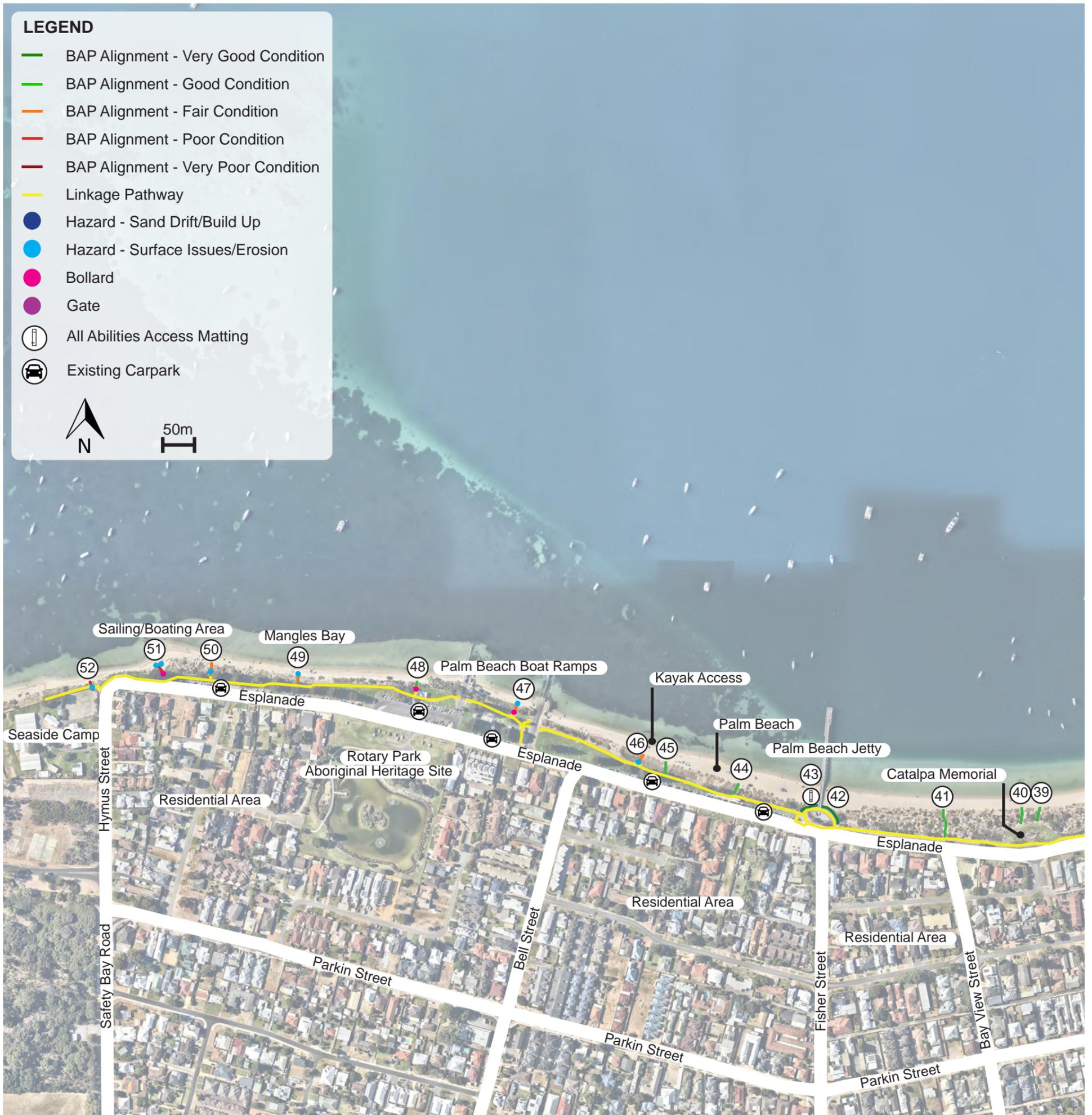
Sector One Map Two



Sector One Map Three



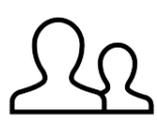
Sector One Map Four



03 Desktop & Field Survey

Sector Two: Shoalwater, Safety Bay & Waikiki

Demographics (2021)



Population:
24,492



Population
Growth 2016-21:
+588



Median Age:
42 ↑



Families:
6,724



Average
Children Per
Family: 0.7 ↓



Need for
Assistance:
5.6% ↑



All Private
Dwellings:
10,859



Median Weekly
Household Income:
\$1,483 ↓

Sector Two Map One



Sector Two Map Three



Sector Two Map Four



Sector Three: Warnbro and Port Kennedy

Demographics (2021)



Population:
24,305



Population
Growth 2016-21:
-241



Median Age:
37 ↑



Families:
6,731



Average
Children Per
Family: 0.9 ↔



Need for
Assistance:
5.9% ↑



All Private
Dwellings:
9,340

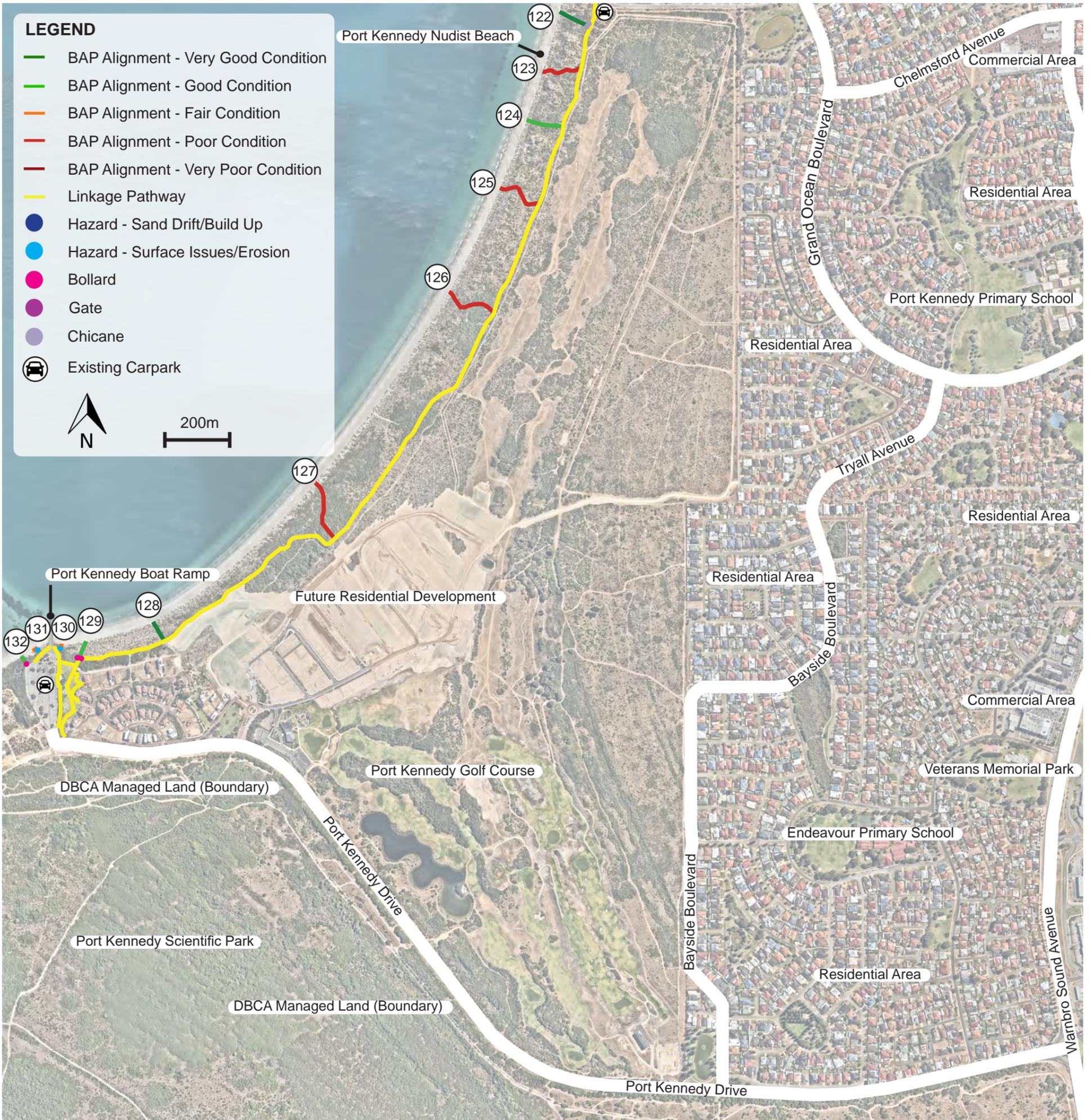


Median Weekly
Household Income:
\$1,712 ↓

Sector Three Map One

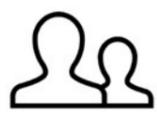


Sector Three Map Two



Sector Four: Secret Harbour

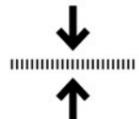
Demographics (2021)



Population:
12,474



Population
Growth 2016-21:
+401



Median Age:
34 ↓



Families:
3,445



Average
Children Per
Family: 1.2 ↑



Need for
Assistance:
3.1% ↓



All Private
Dwellings:
4,200



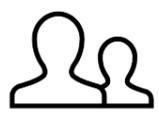
Median Weekly
Household Income:
\$2,492 ↑

Sector Four Map One



Sector Five: Golden Bay and Singleton

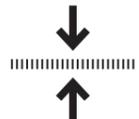
Demographics (2021)



Population:
9,702



Population
Growth 2016-21:
+2,165



Median Age:
32 ↓



Families:
2,675



Average
Children Per
Family: 1 ↑



Need for
Assistance:
3.6% ↓



All Private
Dwellings:
3,746

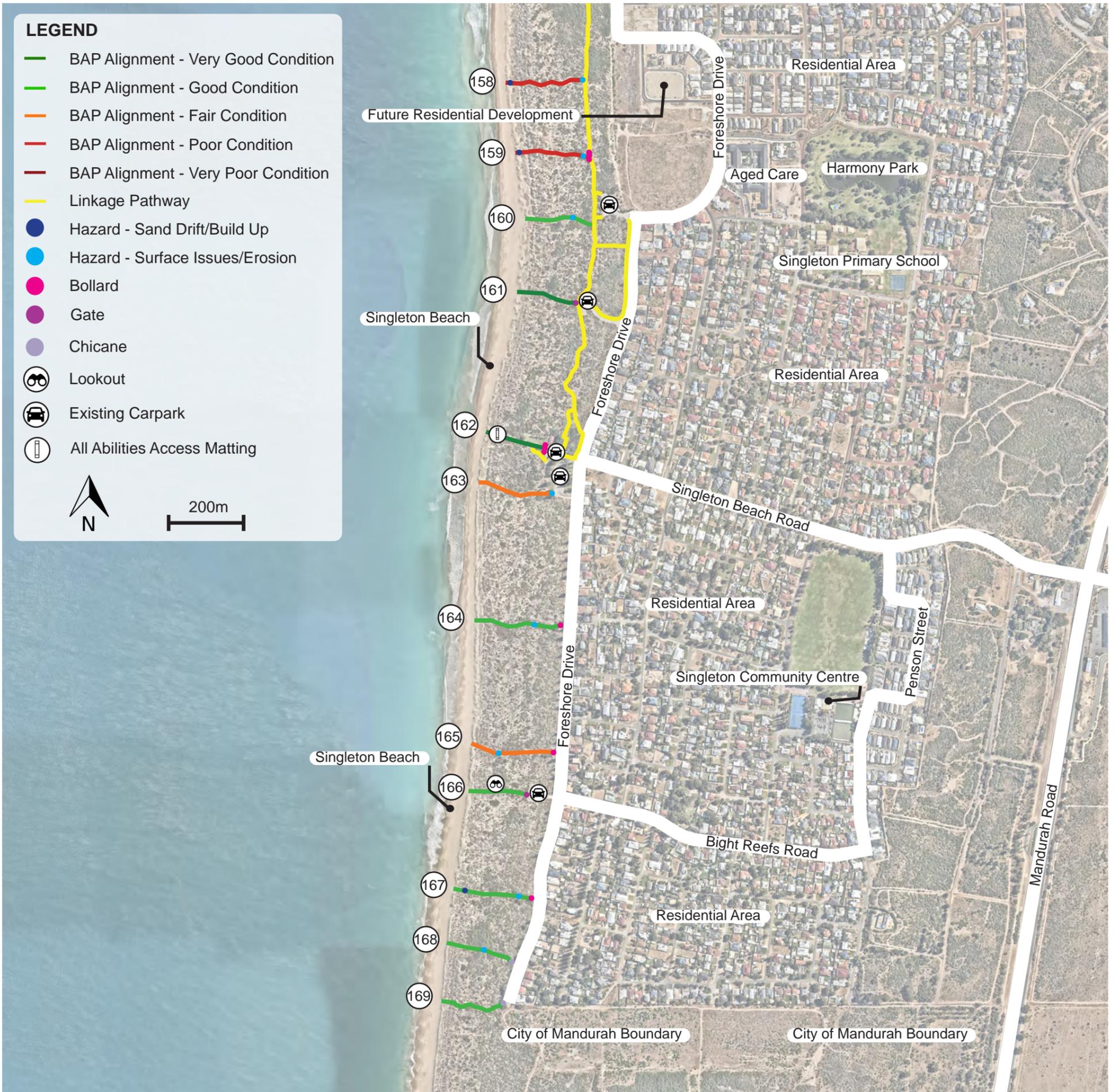


Median Weekly
Household Income:
\$2,035 ↑

Sector Five Map One



Sector Five Map Two



04 Implementation Plan

Table 4: Sector One Actions

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
1	170m South of Kwinana Boundary	Decommission and rehabilitate 170m South of Kwinana Boundary.	L	Medium	L
2	Kwinana Headland Ramp	Consider installing an emergency beach sign at the beginning of the Kwinana Headland Ramp beach access path.	L	Short	L
3	Kwinana Headland Ramp South	Consider installing an emergency beach sign at the beginning of the Kwinana Headland Ramp South beach access path.	L	Short	L
4	Horse Beach North	Upgrade emergency beach sign (RO6).	M	Immediate	L
5	Horse Beach South	Consider installing an emergency beach sign at the beginning of the Horse Beach South beach access path.	L	Short	L
6	Governor Reserve North End	Consider installing an emergency beach sign at the beginning of the Governor Reserve North End beach access path.	L	Short	L
7	Governor Reserve Toilet Block	Install an emergency beach sign at the beginning of the Governor Reserve Toilet Block beach access path.	H	Immediate	L
		Ensure the Governor Reserve Toilet Block beach access path meets universal access requirements and provide a metal handrail and kerb rail to either side of the existing post and strand fence in line with AS 1428.1-2001: <i>Design for Access and Mobility</i> .	M	Short	M

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with AS 2156.1-2001: <i>Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
8	Governor Reserve Carpark	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
9	Naval Memorial North	Consider installing an emergency beach sign at the beginning of the Naval Memorial North beach access path.	L	Short	L
		Monitor and prune the exposed tree roots which are impinging on the pathway alignment to a suitable length and fill with natural sand.	L	Ongoing	L
10	Naval Memorial South	Consider installing an emergency beach sign at the beginning of the Naval Memorial South beach access path.	L	Short	L
11	Weld Street Car Park	Install a post and strand fence with metal handrail on one side of the alignment.	L	Short	L
12	167 Rockingham Beach Road	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
13	Roe Steet	Install a post and strand fence with metal handrail on one side of the alignment.	L	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
14	141 Rockingham Beach Road	Install an emergency beach sign at the beginning of the 141 Rockingham Beach Road beach access path.	M	Immediate	L
		Provide stabilised limestone to the section of alignment after the horizontal connecting concrete pathway to ensure a level surface.	M	Short	L
		Remove the section of curb at the beginning of the beach access path to provide level access across Rockingham Beach Road.	L	Immediate	L
15	Hillman Steet	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
16	127 Rockingham Beach Road	Install an emergency beach sign at the beginning of the 127 Rockingham Beach Road beach access path.	M	Immediate	L
17	119 Rockingham Beach Road	Install an emergency beach sign at the beginning of 119 Rockingham Beach Road beach access path.	M	Immediate	L
		Infill and compact natural sand to the section of alignment after the horizontal connecting concrete pathway to ensure a level surface.	M	Short	L
18	Victoria Street	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
19	Phoebe Hymus North	Install an emergency beach sign at the beginning of the Phoebe Hymus North beach access path.	M	Immediate	L
		Remove the section of stabilised limestone pathway which has eroded away and fill with natural sand to create a level pathway.	M	Short	L
20	Phoebe Hymus Middle	De-compact the section of stabilised limestone pathway which has eroded away. Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway.	M	Short	L
		Consider providing a geotextile fabric beneath the new section of stabilised limestone aggregate to reduce the future impacts of erosion.	L	Short	L
21	Phoebe Hymus South	Install an emergency beach sign at the beginning of the Phoebe Hymus South beach access path.	M	Immediate	L
		De-compact the section of stabilised limestone pathway which has eroded away. Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway.	M	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
		Consider providing a geotextile fabric beneath the new section of stabilised limestone aggregate to reduce the future impacts of erosion.	L	Short	L
22	Alexandra Street	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
23	Emerald Park North	Upgrade emergency beach sign (RO28).	M	Immediate	L
24	Emerald Park South	Install an emergency beach sign at the beginning of the Emerald Park South beach access path.	M	Immediate	L
25	Wanliss Street Vehicle Access	Consider installing an emergency beach sign at the beginning of the Wanliss Street Vehicle Access beach access path.	L	Short	L
26	Wanliss Street Pedestrian Access	Ensure the current ramp gradient and handrails adhere to <i>AS 1428.1-2001: Design for Access and Mobility</i> .	H	Immediate	L
		Install a new primary trailhead sign at the beginning of the alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
27	Bell Park North	Install an emergency beach sign at the beginning of the Bell Park North beach access path.	H	Immediate	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
28	Bell Park Middle	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
29	Bell Park Turfed Terrace	Install compliant metal handrails on either side of the Bell Park Turfed Terrace stairs.	L	Short	L
30	Bell Park South	Install an emergency beach sign at the beginning of the Bell Park South beach access path.	H	Immediate	L
31	Flinders Lane Car Park	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
32	Churchill Park North Ramp	De-compact and remove the final section of concrete pathway which currently presents a trip hazard. Install, shape and grade new concrete to this section to create a level pathway.	H	Immediate	L
		Once the above issue has been remediated, install an all abilities access mat at the Churchill Park North Ramp (Mobi-Mat or similar).	H	Immediate	L
		Ensure the current ramp gradient and handrails adhere to <i>AS 1428.1-2001: Design for Access and Mobility</i> .	H	Immediate	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
		Install a new primary trailhead sign at the beginning of the alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
33	Churchill Park Turfed Terrace	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
34	Churchill Park Toilet Block	Install an emergency beach sign at the beginning of the Churchill Park Toilet Block beach access path.	H	Immediate	L
35	Val Street Jetty North Side	Ensure the current ramp gradient and handrails adhere to AS 1428.1-2001: Design for Access and Mobility.	M	Short	L
		Install a new primary trailhead sign at the beginning of the alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
36	Val Street Vehicle Access	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
37	153 The Esplanade	Consider installing an emergency beach sign at the beginning of the 153 The Esplanade beach access path.	L	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
38	Florence Street	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
39	Samuel Street	Provide a concrete access pathway from the existing pathway around Catalpa Memorial to the start of the Samuel Street beach access path.	M	Short	L
		If future usage permits, consider upgrading the Samuel Street beach access path to concrete.	L	Long	M
40	Samuel Street West	Decommission and rehabilitate Samuel Street West (new entrance via the adjacent Samuel Street beach access path).	L	Medium	L
41	Bay View Street	Consider installing an emergency beach sign at the beginning of the Bay View Street beach access path.	L	Short	L
42	Fisher Street Jetty East Side	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
43	Fisher Street Jetty West Side	Install a compliant metal handrail on the beach side of the Fisher Street Jetty West Side beach access path.	L	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
44	81 The Esplanade	Upgrade the surface of the 81 The Esplanade beach access path to concrete and ensure it meets universal access requirements, including the installation of a metal handrail and kerb rail on either side of the alignment in line with <i>AS 1428.1-2001: Design for Access and Mobility</i> .	M	Short	L
		Install an all abilities access mat at the 81 The Esplanade beach access path (Mobi-Mat or similar).	L	Short	L
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	L	Short	L
45	71 The Esplanade	Decommission and rehabilitate 71 The Esplanade (new entrance via the adjacent 65 The Esplanade beach access path).	L	Medium	L
46	65 The Esplanade	Consider installing an emergency beach sign at the beginning of the 65 The Esplanade beach access path.	L	Short	L
		Install a post and strand fence with metal handrail on either side of the alignment.	L	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
47	51 The Esplanade	Infill and compact the section of Replas which dips significantly with natural sand to create a gentler slope.	M	Immediate	L
48	Toilet Block Opposite Rotary Park	Install an emergency beach sign at the beginning of the Toilet Block Opposite Rotary Park beach access path.	H	Immediate	L
		Install a post and strand fence with metal handrail on either side of the alignment.	L	Short	L
49	23 The Esplanade	Infill and compact the section of Replas which dips significantly with natural sand to create a gentler slope.	M	Immediate	L
		Install a post and strand fence on either side of the alignment.	L	Short	L
		Consider providing concrete vertical pathway access to 23 The Esplanade	L	Medium	L
50	13 The Esplanade	De-compact the section of stabilised limestone pathway which has eroded away (prior to the (Replas). Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway.	M	Short	L
		Consider installing an emergency beach sign at the beginning of the 13 The Esplanade beach access path.	L	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector One: Rockingham					
51	7 The Esplanade	Decommission 7 The Esplanade and remove the protruding rocks from the beach access path alignment.	H	Immediate	L
52	Hymus Street	Consider installing an emergency beach sign at the beginning of Hymus Street beach access path.	L	Short	L
N/A	New Connecting Pathway (Governor Reserve)	Provide a horizontal concrete pathway connection from the existing horizontal pathway at Naval Memorial Reserve through to the end of Governor Reserve, linking the beach access paths within Governor Reserve.	M	Medium	M

04 Implementation Plan

Table 5: Sector Two Actions

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
53	Boundary Road	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
54	6 Arcadia Drive	Install an emergency beach sign at the beginning of the 6 Arcadia Drive beach access path.	M	Immediate	L
55	Arcadia Place	De-compact the section of stabilised limestone which is impacted by water erosion. Install, shape and compact new stabilised limestone aggregate to this section to create a level pathway.	M	Short	L
		Consider installing erosion control measures such as a swale/berm on either side of the stabilised limestone section.	M	Short	L
56	Liverpool Street	De-compact the section of stabilised limestone which is impacted by water erosion. Install, shape and compact new stabilised limestone aggregate to this section to create a level pathway.	M	Short	L
		Consider installing erosion control measures such as a swale/berm on either side of the stabilised limestone section.	M	Short	L
57	Gloucester Avenue	Remove the section of curb at the beginning of the beach access path to provide level access from the carpark.	M	Immediate	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
		Upgrade the existing wooden handrails on the staircase and provide sand barriers.	M	Immediate	L
		Install an emergency beach sign at the beginning of the Gloucester Avenue beach access path.	M	Immediate	L
		Install a post and strand fence on either side of the alignment.	M	Short	L
58	Arcadia Drive Toilet Block North	Install an emergency beach sign at the beginning of the Arcadia Drive Toilet Block North beach access path.	H	Immediate	L
		Install a post and strand fence on either side of the alignment.	M	Short	L
59	Arcadia Drive Toilet Block South	Install an emergency beach sign at the beginning of the Arcadia Drive Toilet Block South beach access path.	H	Immediate	L
		Install a post and strand fence on either side of the alignment.	M	Short	L
60	36 Arcadia Drive	Install a new primary trailhead sign at the beginning of the alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	H	Short	L
61	Churchill Avenue	Install an emergency beach sign at the beginning of the Churchill Avenue beach access path.	M	Immediate	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
62	40 Arcadia Drive	Remove the sand bags which are creating dips on the beach access path alignment.	H	Immediate	L
		Install an emergency beach sign at the beginning of the 40 Arcadia Drive beach access path.	M	Immediate	L
		Infill and compact natural sand to the section of alignment after the vertical connecting concrete pathway to ensure a level surface.	M	Short	L
		Continue the post and strand fence on either side to the end of the beach access path alignment.	M	Short	L
63	42 Arcadia Drive	Temporarily close 42 Arcadia Drive while providing remediation works (e.g. sand removal).	H	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side of the beach access path alignment (where major sand drift is occurring).	H	Short	L
		If the major sand drift issues persist, decommission and rehabilitate the 42 Arcadia Drive beach access path.	M	Ongoing	M

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
64	Coventry Road	De-compact the section of stabilised limestone pathway which has eroded away. Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway.	H	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side of the beach access path alignment (where sand drift is occurring).	M	Short	L
		Consider providing a geotextile fabric beneath the new section of stabilised limestone aggregate to reduce the future impacts of erosion.	L	Short	L
65	North Road	Monitor the stabilised limestone section of beach access path alignment for further water erosion (currently minor).	M	Ongoing	L
		Monitor the natural sand section of beach access path alignment for further wind erosion (currently minor sand drift).	M	Ongoing	L
		Reinstate the fallen post and strand fencing towards the end of the beach access path alignment.	M	Immediate	L
66	82 Arcadia Drive	Decommission and rehabilitate 82 Arcadia Drive.	L	Medium	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
67	Dempster Road	Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side of the beach access path alignment (where sand drift is occurring).	M	Short	L
68	Lions Park	Install an emergency beach sign at the beginning of the Lions Park beach access path.	M	Immediate	L
		Provide a concrete pathway link from the beginning of the beach access path alignment through to the existing horizontal concrete pathway.	M	Short	L
69	McLarty Road	Provide a concrete pathway link from the termination of the existing horizontal connecting concrete pathway through to the beginning of the beach access path alignment.	L	Medium	L
		Install an all abilities access mat at the McLarty Road beach access path (Mobi-Mat or similar).	M	Short	L
		Ensure the McLarty Road beach access path meets universal access requirements and provide a metal handrail and kerb rail to either side of the beach access path alignment in line with <i>AS 1428.1-2001: Design for Access and Mobility</i> .	M	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
		Install a new primary trailhead sign at the beginning of the alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
70	Seaforth Road	Provide new posts and strands where the fencing has fallen/broken towards the end of the beach access path alignment.	M	Immediate	L
71	Mersey Point Car Park North	Install an all abilities access mat at the Mersey Point Car Park North beach access path (Mobi-Mat or similar).	M	Short	L
		Ensure the Mersey Point Car Park North beach access path meets universal access requirements and provide a metal handrail and kerb rail to either side of the beach access path alignment in line with <i>AS 1428.1-2001: Design for Access and Mobility</i> .	M	Short	M
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
		Monitor the beach access path alignment for further sand drift (currently minor).	L	Ongoing	L
72	Mersey Point Jetty North Side	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
73	Mersey Point Jetty South Side	Temporarily close Mersey Point Jetty South Side while providing remediation works (e.g. sand removal).	H	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side of the beach access path alignment (where major sand drift is occurring).	H	Short	L
74	Mersey Point Car Park South	Install an emergency beach sign at the beginning of the Mersey Point Car Park South beach access path.	H	Immediate	L
		Temporarily close Mersey Point Car Park South while providing remediation works (e.g. sand removal).	H	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side of the beach access path alignment (where major sand drift is occurring).	H	Short	M
		Consider providing a fabric filter to the existing post and strand fence to provide an additional barrier.	M	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
75	Mersey Point Service Road	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
76	Mersey Road	Install an emergency beach sign at the beginning of the Mersey Road beach access path.	M	Short	L
77	Next to Carlisle Boat Ramp	Upgrade the beach access path alignment, including minor clearing of vegetation and installation of post and strand fence on either side to provide a formalised beach access for users of Carlisle Street Boat Ramp.	M	Medium	M
78	216 Arcadia Drive	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
79	Safety Bay Yacht Club	Install post and strand fence where a gap exists in the fencing.	H	Immediate	L
		Install an emergency beach sign at the beginning of the Safety Bay Yacht Club beach access path.	H	Immediate	L
		Rehabilitate the informal tracks adjacent to the beach access path alignment.	L	Medium	M
80	Waimea Road	Remove the sections of grass which are causing an unlevel surface and provide natural sand infill.	M	Short	L
81	258 Safety Bay Road	Formalise the beach access path by installing a post and strand fence on either side of the beach access path alignment.	M	Short	L

04 Implementation Plan

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
82	Saunders Street	De-compact the section of stabilised limestone pathway which has eroded away. Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway.	M	Short	L
		Install a post and strand fence on either side of the beach access path alignment.	M	Short	L
		Consider providing a geotextile fabric beneath the new section of stabilised limestone aggregate to reduce the future impacts of erosion.	L	Short	L
83	272 Safety Bay Road	De-compact the section of stabilised limestone pathway which has eroded away. Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway	M	Short	L
		Install a post and strand fence on either side of the beach access path alignment.	M	Short	L
		Consider installing an emergency beach sign at the beginning of the 272 Safety Bay Road beach access path.	L	Short	L
		Consider providing a geotextile fabric beneath the new section of stabilised limestone aggregate to reduce the future impacts of erosion.	L	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
84	286 Safety Bay Road	Decommission and rehabilitate 286 Safety Bay Road.	M	Immediate	L
85	Hawker Street	Infill and compact natural sand to the section of alignment after the vertical connecting concrete pathway to ensure a level surface.	M	Immediate	L
		Install a post and strand fence on either side of the beach access path alignment.	L	Medium	L
86	300 Safety Bay Road	Infill and compact the section of Replas which dips significantly with natural sand to create a gentler slope.	M	Immediate	L
		Consider installing an emergency beach sign at the beginning of the 300 Safety Bay Road beach access path.	L	Short	L
		Install a post and strand fence on either side of the beach access path alignment.	L	Medium	L
87	302 Safety Bay Road	Install a post and strand fence with metal handrail on either side of the beach access path alignment.	M	Short	L
		Install an emergency beach sign at the beginning of the 302 Safety Bay Road beach access path.	M	Short	L
		Fill gap between concrete pathway and Replas with concrete.	L	Short	L
		Repair the broken section of Replas.	L	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
88	310 Safety Bay Road	Upgrade the beach access path alignment (concrete or stabilised limestone) to provide a surface which is level with the horizontal connecting concrete pathway.	H	Short	L
		Install an emergency beach sign at the beginning of the 310 Safety Bay Road beach access path.	M	Short	L
		Consider relocating/installing fencing around the drain which is located on the beach access path alignment.	M	Short	L
89	326 Safety Bay Road	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
90	342 Safety Bay Road	Install an emergency beach sign at the beginning of the 342 Safety Bay Road beach access path.	M	Short	L
91	358 Safety Bay Road	Replace the loose strands on the post and strand fence.	L	Short	L
92	370 Safety Bay Road	Install an emergency beach sign at the beginning of the 370 Safety Bay Road beach access path.	H	Immediate	L
		Extend post and strand fence (with fabric filter) to the west to provide a barrier against wind erosion.	M	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
		Infill and compact natural sand to the section of alignment after the horizontal connecting concrete pathway to ensure a level surface.	M	Short	L
93	398 Safety Bay Road	Install an emergency beach sign at the beginning of the 398 Safety Bay Road beach access path.	M	Short	L
		Install a post and strand fence on either side of the beach access path alignment.	L	Short	L
94	Ernest Street	Infill and compact natural sand to the section of alignment between the concrete pathway and fence to ensure a level surface.	M	Short	L
		Replace the broken sections of fabric netting.	H	Immediate	L
		Extend the post and strand fence (with fabric filter) where there is an existing gap in the fence.	H	Immediate	L
95	418 Safety Bay Road	Decommission and rehabilitate 418 Safety Bay Road.	M	Immediate	L
96	Malibu Road	Replace the metal handrail (rusted in sections).	L	Medium	L
97	Safety Bay Pedestrian Ramp	Replace the metal handrails (rusted in sections).	M	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with AS 2156.1-2001: <i>Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
98	Short Street	Ensure the fabric netting is secured to the fencing.	M	Immediate	L
		De-compact the section of stabilised limestone pathway which has eroded away. Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway.	M	Short	L
		Install a new water bar at the end of the stabilised limestone section of alignment and ensure this does not create a trip hazard.	M	Short	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation along the southern boundary of the beach access path alignment.	M	Short	L
		Consider providing a geotextile fabric beneath the new section of stabilised limestone aggregate to reduce the future impacts of erosion.	L	Short	L
		Replace the metal handrails (rusted in sections).	L	Medium	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
99	32 Warnbro Beach Road	Ensure there are no gaps in the fabric netting.	H	Immediate	L
		Install an emergency beach sign at the beginning of the 32 Warnbro Beach Road beach access path.	H	Immediate	L
		Temporarily close 32 Warnbro Beach Road while providing remediation works (e.g. sand removal from staircase).	H	Immediate	L
		Investigate ways to decrease sand build-up, for example providing a solid structure such as secure rocks/boulders along the south-west boundary (fence) of the beach access path.	H	Short	L
		Provide sand barriers to the wooden staircase.	M	Immediate	L
100	52 Warnbro Beach Road	Temporarily close 52 Warnbro Beach Road while providing remediation works (e.g. sand removal from staircase).	H	Immediate	L
		Investigate ways to decrease sand build-up, for example providing a solid structure such as secure rocks/boulders along the south-west boundary (fence) of the beach access path.	H	Short	L
		Ensure there are no gaps in the fabric netting.	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
101	80 Warnbro Beach Road	Provide a new universally accessible beach access ramp at the 80 Warnbro Beach Road beach access path (similar to the Safety Bay Pedestrian Ramp) compliant with <i>AS 1428.1-2001: Design for Access and Mobility</i> .	M	Medium	H
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Medium	L
		Install an all abilities access mat at the 80 Warnbro Beach Road beach access path (Mobi-Mat or similar).	M	Medium	L
102	Francis Street	Install a post and strand fence with a fabric filter at the end of the beach access path (south-west boundary).	H	Immediate	L
		Install an emergency beach sign at the beginning of the Francis Street beach access path.	H	Immediate	L
		Temporarily close the Francis Street beach access path while providing remediation works (e.g. sand removal from staircase).	H	Immediate	L
		Provide sand barriers to the wooden staircase.	M	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
		Investigate ways to decrease sand build-up, for example providing a solid structure such as secure rocks/boulders along the south-west boundary of the beach access path.	H	Short	L
		Remove graffiti from the staircase.	L	Short	L
103	Julia Street	Temporarily close Julia Street beach access path while providing remediation works (e.g. sand removal).	M	Short	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation along the southern boundary of the beach access path alignment.	M	Short	L
104	110 Warnbro Beach Road	Install a post and strand fence with a fabric filter at the end of the beach access path (south-west boundary).	H	Immediate	L
		Temporarily close 110 Warnbro Beach Road while providing remediation works (e.g. sand removal from staircase).	H	Immediate	L
		Upgrade the existing wooden handrails on the staircase and provide sand barriers.	M	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
		Investigate ways to decrease sand build-up, for example providing a solid structure such as secure rocks/boulders along the south-west boundary of the beach access path.	H	Short	L
105	Michael Road	De-compact the section of stabilised limestone which is impacted by water erosion. Install, shape and compact new stabilised limestone aggregate to this section to create a level pathway.	H	Immediate	L
		Reinstate the fallen post and strand fencing towards the end of the beach access path alignment.	M	Immediate	L
		Consider installing erosion control measures such as a swale/berm on either side of the stabilised limestone section.	M	Short	L
106	Hilda Street	Upgrade the existing wooden handrails on the staircase and ensure sand barriers are provided to the entire staircase.	M	Immediate	L
		Install a post and strand fence with a fabric filter at the end of the beach access path (western boundary).	M	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Two: Shoalwater, Safety Bay and Waikiki					
		Investigate ways to decrease sand build-up, for example providing a solid structure such as secure rocks/boulders along the western boundary of the beach access path.	M	Short	L
107	168 Warnbro Beach Road	De-compact the section of stabilised limestone pathway which has eroded away. Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway.	H	Immediate	L
		Upgrade emergency beach sign (RO208).	M	Immediate	L
		Consider providing a geotextile fabric beneath the new section of stabilised limestone aggregate to reduce the future impacts of erosion.	M	Immediate	L
		Consider installing erosion control measures such as a swale/berm on either side of the stabilised limestone section.	M	Short	L
		Monitor the stabilised limestone section of beach access path alignment for further water erosion (currently minor).	M	Ongoing	L
108	Shelton Street	Monitor the end section of stabilised limestone which is beginning to erode.	M	Ongoing	L

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Table 6: Sector Three Actions

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
109	Almeria Place	Install an emergency beach sign at the beginning of the Almeria Place beach access path.	H	Immediate	L
		Temporarily close Almeria Place beach access path while providing remediation works (e.g. sand removal).	M	Short	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation along the southern boundary of the beach access path alignment (towards the end).	M	Short	L
110	St Malo Cove	Temporarily close St Malo Cove beach access path while providing remediation works (e.g. sand removal).	M	Short	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation along the southern boundary of the beach access path alignment (towards the end).	M	Short	L
111	South of Pembroke Court	Install an emergency beach sign at the beginning of the South of Pembroke Court beach access path.	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		Temporarily close South of Pembroke Court beach access path while providing remediation works (e.g. sand removal and levelling out the surface towards the end of the beach access path).	H	Immediate	L
		Remove the obsolete wooden water bar which is currently creates a trip hazard.	M	Immediate	L
112	North of La Seyne Car Park	Monitor the natural sand section of beach access path alignment for further wind erosion (currently minor sand drift).	M	Ongoing	L
		Remove obsolete fabric netting from the fence.	L	Short	L
		Monitor the emergency beach sign (RO220) for further vandalism.	L	Ongoing	L
113	St Ives Cove	Temporarily close St Ives Cove beach access path while providing remediation works (e.g. sand removal).	M	Short	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation along the southern boundary of the beach access path alignment.	M	Short	L
114	Westray Court	Install an emergency beach sign at the beginning of the Westray Court beach access path.	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		Temporarily close Westray Court beach access path while providing remediation works (e.g. sand removal and levelling out the surface towards the end of the beach access path).	H	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side towards the end of the beach access path alignment.	H	Short	L
		Consider providing a fabric filter to the existing post and strand fence to provide an additional barrier.	M	Short	L
		Monitor the stabilised limestone section of beach access path alignment for further water erosion (currently minor).	M	Ongoing	L
115	North of Venice Retreat	Install an emergency beach sign at the beginning of the North of Venice Retreat beach access path.	H	Immediate	L
		Reinstate the fallen post (x1) and repair the broken post (x1) towards the end of the beach access path alignment.	M	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		Infill and compact natural sand to the section of alignment after the horizontal connecting concrete pathway to ensure a level surface.	M	Short	L
		Monitor the natural sand section of beach access path alignment for further wind erosion (currently minor sand drift).	M	Ongoing	L
116	Capella Pass	Temporarily close Capella Pass beach access path while providing remediation works (e.g. sand removal and levelling out the surface towards the end of the beach access path).	M	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side towards the end of the beach access path alignment.	M	Short	L
		Consider providing a fabric filter to the existing post and strand fence to provide an additional barrier.	M	Short	L
		Monitor the stabilised limestone section at the start of the beach access path for further water erosion (currently minor).	L	Ongoing	L
117	Monte Carlo Heights	Install an emergency beach sign at the beginning of the Monte Carlo Heights beach access path.	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		Reinstate the fallen posts (x2) towards the end of the beach access path alignment.	M	Immediate	L
		Provide strands to the posts towards the end of the beach access path alignment.	M	Immediate	L
		De-compact the sections of stabilised limestone pathway which are experiencing surface issues. Install, shape and grade new stabilised limestone aggregate to these sections to create a level pathway.	M	Short	M
		Consider extending the post and strand fence to the end of the beach access path alignment.	L	Medium	L
118	Cote D'Azur Car Park North End	Temporarily close Cote D'Azur Car Park North End beach access path while providing remediation works (e.g. sand removal).	M	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side towards the end of the beach access path alignment.	M	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		De-compact the sections of stabilised limestone pathway which are experiencing surface issues. Install, shape and grade new stabilised limestone aggregate to these sections to create a level pathway.	M	Short	M
		Infill and compact natural sand to the section of alignment after the concrete pathway to ensure a level surface.	M	Short	L
119	Cote D'Azur Car Park South End	De-compact the end section of the concrete pathway which significantly drops off. Install, shape and grade new concrete to this sections to create a level pathway.	H	Immediate	L
120	North of Bayeux Avenue	Install an emergency beach sign at the beginning of the North of Bayeux Avenue beach access path.	H	Immediate	L
		Remove graffiti from the concrete section of the beach access path.	M	Immediate	L
		Monitor the natural sand section of beach access path alignment for further wind erosion (currently minor sand drift).	M	Ongoing	L
		Provide strands to the posts towards the end of the beach access path alignment.	M	Immediate	L
121	Bayeux Avenue	Remove graffiti from the concrete section of the beach access path.	M	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		Replace the posts (x2) which have been graffitied.	M	Immediate	L
		Replace the loose strands towards the end of the post and strand fence.	L	Short	L
122	South of Bayeux Avenue	Install an emergency beach sign at the beginning of the South of Bayeux Avenue beach access path.	H	Immediate	L
		Provide a new universally accessible beach access ramp at the South of Bayeux Avenue beach access path compliant with <i>AS 1428.1-2001: Design for Access and Mobility</i> .	M	Long	H
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Long	L
		Install an all abilities access mat at the South of Bayeux Avenue beach access path (Mobi-Mat or similar).	M	Long	L
123	150m South of Bayeux Avenue	Decommission and rehabilitate 150m South of Bayeux Avenue.	M	Immediate	L
124	300m South of Bayeux Avenue	Install an emergency beach sign at the beginning of the 300m South of Bayeux Avenue beach access path.	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		Upgrade and extend the post and strand fence on either side of the beach access path alignment.	M	Short	L
125	500m South of Bayeux Avenue	Install an emergency beach sign at the beginning of the 500m South of Bayeux Avenue beach access path.	H	Immediate	L
		Provide maintenance works to the impinging vegetation to allow a safe passage.	H	Immediate	L
		Upgrade and extend the post and strand fence on either side of the beach access path alignment.	M	Short	L
126	800m South of Bayeux Ave	Install an emergency beach sign at the beginning of the 800m South of Bayeux Avenue beach access path.	H	Immediate	L
		Provide maintenance works to the impinging and overhanging vegetation to allow a safe passage.	H	Immediate	L
		Upgrade and extend the post and strand fence on either side of the beach access path alignment.	M	Short	L
127	1200m South of Bayeux Avenue	Decommission and rehabilitate 1200m South of Bayeux Avenue.	M	Immediate	L
128	Ocean Point Close	Install an emergency beach sign at the beginning of the Ocean Point Close beach access path.	M	Short	L
129	East of Port Kennedy Boat Ramp	Upgrade emergency beach sign (RO258).	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		Install an all abilities access mat at the East of Port Kennedy Boat Ramp beach access path (Mobi-Mat or similar).	M	Short	L
		Upgrade the surface of the East of Port Kennedy Boat Ramp beach access path to concrete and ensure it meets universal access requirements, including the installation of a metal handrail and kerb rail on either side of the alignment in line with <i>AS 1428.1-2001: Design for Access and Mobility</i> .	M	Short	M
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
130	Port Kennedy Boat Ramp Vehicle Access	Provide a metal vehicle access gate and signage alerting pedestrians of oncoming vehicles.	H	Immediate	L
131	West of Port Kennedy Boat Ramp	Remove the protruding rocks from the beach access path alignment.	H	Immediate	L
		Install a post and strand fence on either side of the beach access path to formalise the alignment.	H	Immediate	L
		Install an emergency beach sign at the beginning of the West of Port Kennedy Boat Ramp beach access path.	M	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Three: Warnbro and Port Kennedy					
		Replace the broken sections of fabric netting.	M	Short	L
		Replace the loose strands at the end of the beach access path alignment.	M	Short	L
132	220m West of Port Kennedy Boat Ramp	Install an emergency beach sign at the beginning of the 220m West of Port Kennedy Boat Ramp beach access path.	M	Short	L
		Extend the post and strand fence on the south-west boundary of the beach access path.	L	Short	L
		Provide a fabric filter to the post and strand fence.	L	Short	L
N/A	New Beach Access Path (1800m South of Bayeux Ave)	Provide a new universally accessible beach access ramp as part of the future Port Kennedy Residential Development (Kennedy Bay) compliant with AS 1428.1-2001: <i>Design for Access and Mobility</i> .	M	Short	M
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with AS 2156.1-2001: <i>Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L

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Table 7: Sector Four Actions

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Four: Secret Harbour					
133	Pulsano Mews Emergency Access	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
134	230m South of Pulsano Mews Emergency Access	Decommission and rehabilitate 230m South of Pulsano Mews Emergency Access.	H	Immediate	L
135	Siracusa Court Car Park North	Remove the protruding rocks from the beach access path alignment.	H	Immediate	L
		Temporarily close Siracusa Court Car Park North beach access path while providing remediation works (e.g. sand removal and levelling out the surface towards the end of the beach access path).	M	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side towards the end of the beach access path alignment.	M	Short	L
		Extend the post and strand fence (with a fabric filter) to the end of the beach access path alignment to provide an additional barrier.	M	Short	L
		Reinstate the fallen post towards the end of the beach access path alignment.	L	Short	L
		No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
136	Siracusa Court Car Park South	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Four: Secret Harbour					
137	15m South of Siracusa Court Car Park	Decommission and rehabilitate 15m South of Siracusa Court Car Park.	M	Short	L
138	160m South of Siracusa Court Car Park	Decommission and rehabilitate 160m South of Siracusa Court Car Park.	H	Immediate	L
139	Palermo Cove Car Park North	Temporarily close Palermo Cove Car Park North beach access path while providing remediation works (e.g. sand removal and levelling out the surface towards the end of the beach access path).	H	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side of the beach access path alignment.	H	Short	L
		Consider providing a fabric filter to the existing post and strand fence to provide an additional barrier.	M	Short	L
		Realign the Palermo Cove Car Park North beach access path and construct a new universally accessible boardwalk which traverses above the dune system.	M	Medium	H

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Four: Secret Harbour					
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with AS 2156.1-2001: <i>Walking Tracks Part 1 - Classification and Signage</i> .	M	Medium	L
		Revegetate the informal tracks which surround the beach access path.	M	Long	L
140	Palermo Cove Car Park Middle	Temporarily close Palermo Cove Car Park Middle while providing remediation works (e.g. sand removal and levelling out the surface towards the end of the beach access path).	H	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side of the beach access path alignment (where major sand drift is occurring).	H	Short	L
		Consider providing a fabric filter to the existing post and strand fence to provide an additional barrier.	M	Short	L
		Reinstate the fallen posts (x3) towards the end of the beach access path alignment.	L	Short	L
		Provide a new post and strand fence where the posts and strands are buried under sand (approximately 20m).	L	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Four: Secret Harbour					
141	Palermo Cove Car Park South	Temporarily close Palermo Cove Car Park South while providing remediation works (e.g. sand removal).	H	Immediate	L
142	South of Secret Harbour Surf Club	Install an emergency beach sign at the beginning of the South of Secret Harbour Surf Club beach access path.	H	Immediate	L
		Replace the broken sections of fabric netting.	M	Immediate	L
		Remove the section of curb at the beginning of the beach access path to provide level access.	L	Short	L
		Monitor the natural sand section of beach access path alignment for further wind erosion (currently minor sand drift).	M	Ongoing	L
143	Palisades Boulevard Car Park	Install an emergency beach sign at the beginning of the Palisades Boulevard Car Park beach access path (currently no numbers on the existing sign).	H	Immediate	L
		Install new posts and strands towards the end of the beach access path alignment (several posts are buried in sand).	L	Short	L
		Monitor the beach access path alignment for further wind erosion (currently minor sand drift).	L	Ongoing	L
144	19 Cobblestones Circuit	Install an emergency beach sign at the beginning of the 19 Cobblestones Circuit beach access path.	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Four: Secret Harbour					
		Temporarily close 19 Cobblestones Circuit beach access path while providing remediation works (e.g. sand removal and levelling out the surface).	H	Immediate	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side of the beach access path alignment (where major sand drift is occurring).	H	Short	L
		Infill and compact natural sand to the section of alignment after the horizontal connecting concrete pathway to ensure a level surface.	M	Short	L
145	17 Turtles Bend	Install an emergency beach sign at the beginning of the 17 Turtles Bend beach access path.	H	Immediate	L
		Infill and compact natural sand to the section of alignment after the concrete pathway to ensure a level surface.	M	Short	L
		Consider replacing the metal bollard the beginning of the beach access path alignment.	L	Medium	L
		Monitor the beach access path alignment for further wind erosion (currently minor sand drift).	L	Ongoing	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Four: Secret Harbour					
146	23 Turtles Bend	De-compact the end section of the concrete pathway which significantly drops off. Install, shape and grade new concrete to this sections to create a level pathway.	H	Immediate	L
147	33 Turtles Bend	Install a post and strand fence where a gap exists in the fencing (near the middle of the beach access path alignment).	M	Immediate	L
N/A	New Connecting Pathway (between Turtles Bend and Solstice Grove)	Provide a new connecting concrete pathway between the existing pathway at Turtles Bend through to Solstice Grove.	M	Long	H

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Table 8: Sector Five Actions

Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Five: Golden Bay and Singleton					
148	Solstice Grove North	Install an all abilities access mat at the Solstice Grove North beach access path (Mobi-Mat or similar).	M	Short	L
		Ensure the Solstice Grove North beach access path meets universal access requirements and provide a metal handrail and kerb rail to either side of the existing post and strand fence in line with AS 1428.1-2001: <i>Design for Access and Mobility</i> .	M	Short	L
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with AS 2156.1-2001: <i>Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
		Consider providing infrastructure to the existing rest point on the northern boundary of the beach access path (e.g. beach access equipment, bicycle racks).	L	Short	L
149	Solstice Grove Middle	Monitor the natural sand section of the beach access path alignment for further wind erosion (currently minor sand drift).	M	Ongoing	L
150	Solstice Grove South	Provide a fabric filter to the post and strand fence.	M	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Five: Golden Bay and Singleton					
		Monitor the natural sand section of the beach access path alignment for further wind erosion (currently sand drift to the side of the beach access path).	M	Ongoing	L
151	90 Marillana Drive	Provide strands to the posts towards the end of the beach access path alignment.	M	Immediate	L
		Temporarily close 90 Marillana Drive beach access path while providing remediation works (e.g. sand removal).	M	Short	L
		Identify the appropriate native small tree/shrub species and provide a filter/buffer strip of vegetation on either side towards the end of the beach access path alignment.	M	Short	L
		Consider providing a fabric filter to the existing post and strand fence to provide an additional barrier.	M	Short	L
		De-compact the sections of stabilised limestone pathway which are experiencing surface issues. Install, shape and grade new stabilised limestone aggregate to these sections to create a level pathway.	M	Medium	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Five: Golden Bay and Singleton					
152	74 Marillana Drive	Install an emergency beach sign at the beginning of the 74 Marillana Drive beach access path.	H	Immediate	L
		Install, shape and grade new stabilised limestone aggregate to the section of pathway which has fallen away to create a level pathway.	H	Immediate	L
		Install a post and strand fence where a gap exists in the fencing (northern boundary of the beach access path alignment).	M	Immediate	L
		Temporarily close 74 Marillana Drive beach access path while providing remediation works (e.g. sand removal).	M	Short	L
		Consider providing a fabric filter to the existing post and strand fence.	M	Short	L
		Reinstate the fallen post towards the end of the beach access path alignment.	L	Short	L
153	Dampier Drive Vehicle Access	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
154	54 Marillana Drive	Upgrade emergency beach sign (RO351).	H	Immediate	L
		Temporarily close 54 Marillana Drive beach access path while providing remediation works (e.g. sand removal).	M	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Five: Golden Bay and Singleton					
		Monitor the natural sand section of the beach access path alignment for further wind erosion (currently minor sand drift).	M	Ongoing	L
		Install new posts and strands towards the end of the beach access path alignment (several posts are buried in sand and strands are coming loose).	L	Short	L
		Consider replacing the metal bollard the beginning of the beach access path alignment.	L	Medium	L
155	Yeeda Road	No actions recommended (i.e. retain in current state).	N/A	Ongoing	N/A
156	Karunjie Road	Provide maintenance works to the impinging and overhanging vegetation.	L	Short	L
157	Crystaluna Drive Car Park	Infill and compact natural sand to the section of alignment after the concrete pathway to ensure a level surface.	L	Short	L
		Provide a vertical connecting bitumen pathway from the existing horizontal pathway to the beach access path alignment.	L	Short	L
158	360m South of Crystaluna Drive Car Park	Remove the rocks which are currently blocking the entrance to the beach access path.	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Five: Golden Bay and Singleton					
		Install an emergency beach sign at the beginning of the 360m South of Crystaluna Drive Car Park beach access path.	H	Immediate	L
		Install a post and strand fence on either side of the alignment to formalise the beach access path.	M	Short	L
		Provide maintenance works to the impinging vegetation.	L	Short	L
		Revegetate the informal tracks which surround the beach access path.	M	Long	L
159	530m South of Crystaluna Drive Car Park	Remove the rocks which are currently blocking the entrance to the beach access path.	H	Immediate	L
		Decommission and rehabilitate 530m South of Crystaluna Drive Car Park.	M	Short	M
160	Foreshore Drive North Car Park	Upgrade emergency beach sign (RO364).	H	Immediate	L
		De-compact the section of stabilised limestone pathway which drops off to the side. Install, shape and grade new stabilised limestone aggregate to this section to create a level pathway.	M	Short	L
161	Horizon Crescent Car Park	Upgrade emergency beach sign (RO366).	M	Short	L
162	Singleton Beach Road Car Park North	Extend the existing all abilities rubber mat (currently terminates before the end of the beach access path alignment).	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Five: Golden Bay and Singleton					
		Provide a vertical connecting concrete pathway from the existing horizontal pathway to the beach access path alignment.	M	Short	M
		Ensure the Singleton Beach Road Car Park North beach access path meets universal access requirements and provide a metal handrail and kerb rail to either side of the beach access path alignment in line with <i>AS 1428.1-2001: Design for Access and Mobility</i> .	M	Short	M
		Install a new primary trailhead sign at the beginning of alignment to provide information (i.e. grade, distance, risks, braille) in line with <i>AS 2156.1-2001: Walking Tracks Part 1 - Classification and Signage</i> .	M	Short	L
163	Singleton Beach Road Car Park South	Upgrade emergency beach sign (RO370).	H	Immediate	L
		Provide maintenance works to the impinging vegetation.	L	Short	L
		Provide a vertical connecting concrete pathway from the existing horizontal pathway to the beach access path alignment and remove the existing curb.	M	Medium	M
164	82 Foreshore Drive	Upgrade emergency beach sign (RO373).	H	Immediate	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Five: Golden Bay and Singleton					
		Remove graffiti from the concrete section of the beach access path.	M	Immediate	L
165	56 Foreshore Drive	Install an emergency beach sign at the beginning of the 56 Foreshore Drive beach access path.	H	Immediate	L
		Provide maintenance works to the impinging and overhanging vegetation.	M	Short	L
		Upgrade the old concrete pathway section of the beach access path with a new concrete treatment.	L	Medium	M
166	Bight Reefs Road Car Park	Remove graffiti from the concrete section of the beach access path.	L	Short	L
167	26 Foreshore Drive	Upgrade the metal pole on the emergency beach sign (RO380).	L	Short	L
		Provide maintenance works to the impinging vegetation and sand.	L	Short	L
168	8 Foreshore Drive	Replace the post which has been graffitied.	L	Immediate	L
169	2 Foreshore Drive	Install an emergency beach sign at the beginning of the 2 Foreshore Drive beach access path.	H	Immediate	L
		Install a post and strand fence on either side of the beach access path alignment.	M	Short	L

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Ref	Beach Access Path	Action	Priority	Timeframe	Cost
Sector Five: Golden Bay and Singleton					
N/A	New Connecting Pathway (Dampier Drive Car Park)	Provide a horizontal pathway connection from the existing horizontal pathway at the southern end of Dampier Drive Car Park through to the pathway at the northern end of Dampier Drive Car Park.	M	Medium	M
N/A	New Connecting Pathway (between Singleton Beach Road Car Park North and 2 Foreshore Drive)	Provide a horizontal concrete pathway connection from the existing pathway at Singleton Beach Road Car Park through to 2 Foreshore Drive.	M	Long	H