

Kaipatiki Local Board

Seismic and Asbestos Programme Update

Purpose

- Background
- Seismic programme
- Earthquake-prone buildings
- Asbestos programme transition
- Next steps

Legislative drivers



Building Act 2004

Public Act 2004 No 72

Date of assent 24 August 2004

Commencement see section 2



Health and Safety at Work (Asbestos) Regulations 2016

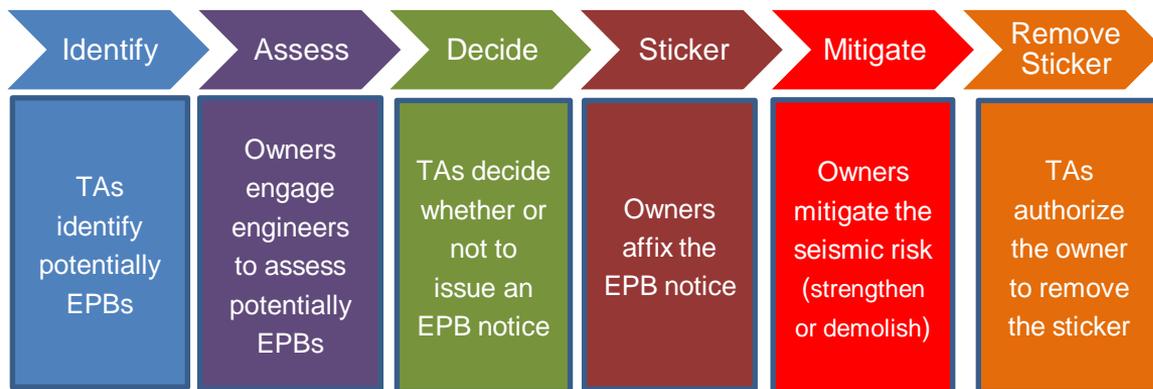
(LI 2016/15)



Building (Earthquake-prone Buildings) Amendment Act 2016 Commencement Order 2017

Seismic background

- In 2016, the Building Act 2004 (the Act) was amended to create a nationally consistent approach to the assessment and management of earthquake-prone buildings (EPB). The Amendment Act took effect on 1 July 2017.



Key messages

- Auckland is a low seismic risk area and earthquakes are rare and moderate earthquakes are expected to occur once every 500 years.
- A moderate earthquake is generally felt outside and by almost everyone indoors. Most sleepers are awakened and a few people alarmed. Small objects are shifted or overturned, and pictures knock against the wall. Some glassware and crockery may break, and loosely secured doors may swing open and shut.
- If a building is identified as being earthquake-prone it is not necessarily unsafe for occupation.

Seismic assessments

- Initial Seismic Assessment (ISA) - An ISA is a less detailed form of assessment which provides a relatively quick, high-level analysis of the building's seismic performance.
- Detailed Seismic Assessment (DSA) - A DSA is a much more comprehensive assessment of the strength and capability of a building.

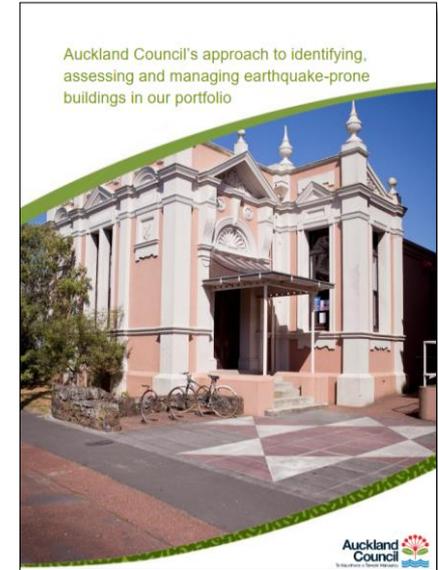
Earthquake-prone rating

The capability of a building to resist earthquake shaking assessed as a percentage against the new building standard (NBS).

%NBS	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
Seismic Grade	E		D		C			B	A		A+
Relative Risk	> 25 times		10-25 times		5-10 times			2-5 times	1-2 times		< 1 times
Designation as per Building Act 2004	Earthquake Prone Building (%NBS <=33)				Earthquake Risk Building (%NBS <67)			Low Potential Earthquake Risk (%NBS >=67)			

Auckland Council's draft Seismic Policy

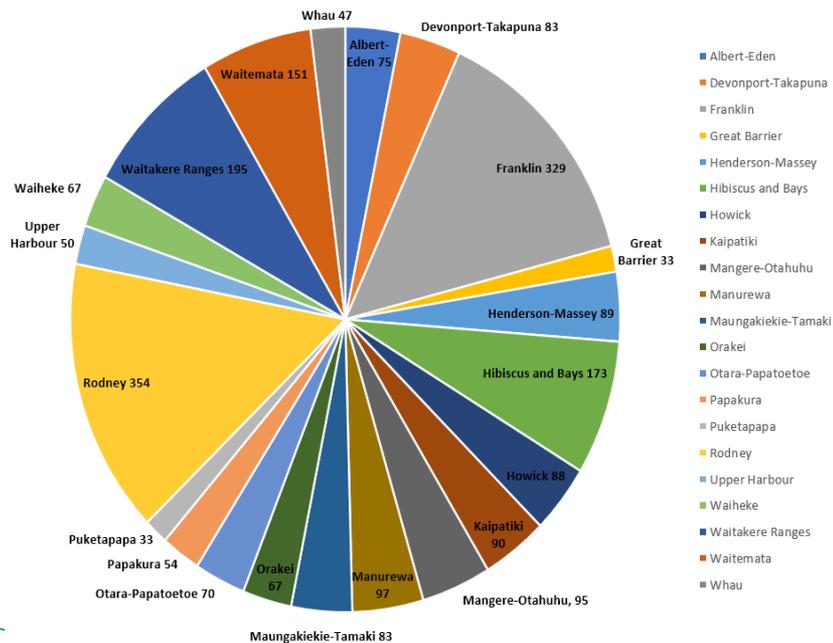
- Defines response based on %NBS rating
- Provides clarity in decision making around safe occupancy in relation to seismic hazards
- Cross Council technical experts, asset and service owners
- Local Board engagement during decision processes
- Aspiration that all buildings have a minimum NBS rating >67%



Community Facilities building portfolio

- Community Facilities hold the asset owner's accountability for a diverse portfolio of over 2000 buildings ranging from public toilet blocks and baches to libraries, community halls and leisure centres.
- Proactive programme of building assessments to determine whether buildings in the portfolio are earthquake-prone or not.

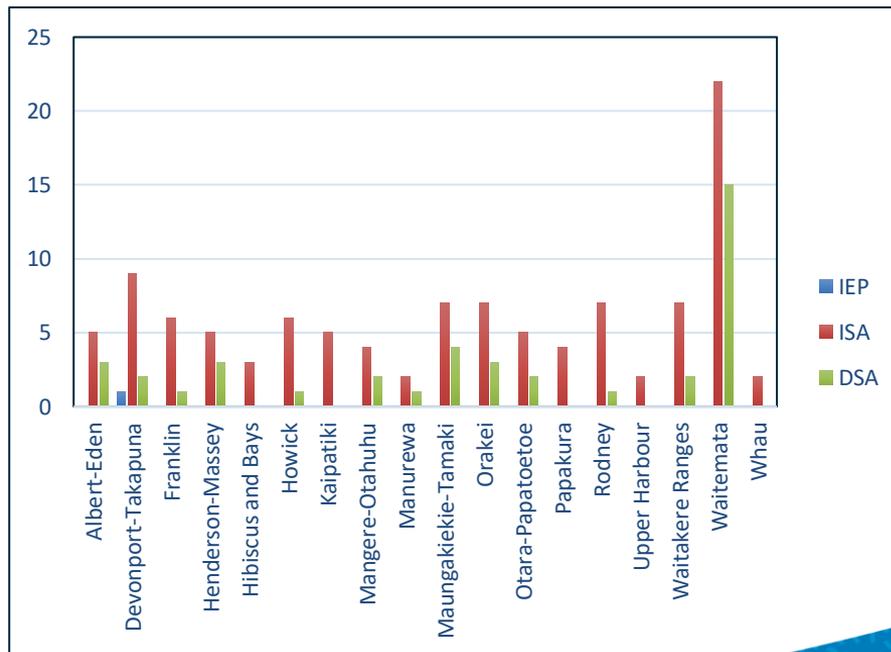
Community Facilities Buildings - Local Board Distribution



Seismic Assessment		
Category	Assessment Criteria	Totals
Buildings ≥ 3 Storeys		21
Building Construction	URM	178
	Concrete Masonry Unit	490
	Concrete	329
	Steel Frame	170
	Timber	874
	Fibreglass	49
	Not Classified as a Building i.e. i.e. perimeter walls, facades	74
	TBC Through Site Visits	159
Construction Age	Post 1976	1504
	Pre 1976	745
	Not Classified as a Building i.e. perimeter walls, facades etc	74
Heritage Values		544
Non-Heritage Buildings		1730
No Heritage Data		49
Other Criteria	Occupancy Numbers	
	Occupancy Frequency	
	Building Importance Level i.e. Civil Emergency etc	

Earthquake-prone Buildings to Date

Local Board	Assessment Type			Totals
	IEP	ISA	DSA	
Albert-Eden		5	3	8
Devonport-Takapuna	1	8	2	11
Franklin		6	1	7
Great Barrier				0
Henderson-Massey		5	2	7
Hibiscus and Bays		3		3
Howick		6	1	7
Kaipatiki		5		5
Mangere-Otahuhu		4	2	6
Manurewa		2	1	3
Maungakiekie-Tamaki		7	4	11
Orakei		6	4	10
Otara-Papatoetoe		5	2	7
Papakura		4		4
Puketapapa				0
Rodney		7	1	8
Upper Harbour		2		2
Waiheke				0
Waitakere Ranges		7	2	9
Waitemata		22	15	37
Whau		2		2



Earthquake-prone buildings Kaipatiki Local Board

Building Ref Number	Building Name	Address	Local Board	Latest Seismic Assessment Type	NBS rating	Notification Status	Date Notice Attached	Planned Date for Notice
10925-B001	Shaolin Kempo Northcote Point Trust	18 Denby Lane, Northcote Point	Kaipatiki	ISA	30%	Complete	19 November 2020	N/A
11054-B005	Birkenhead - Highropes Course & Storage	102 Birkenhead Avenue, Birkenhead	Kaipatiki	ISA	30%	Complete	16 November 2020	N/A
11060-B001	Highbury Community House And Creche	110-112 Hinemoa Street, Birkenhead	Kaipatiki	ISA	33%	Complete	28 October 2020	N/A
11104-B001	Hinemoa Street Public Toilets	1 Hinemoa Street, Birkenhead	Kaipatiki	ISA	30%	Complete	16 November 2020	N/A
12942-B001	Beach Haven Wharf Public Toilet	1 Beach Haven Road, Beach Haven	Kaipatiki	ISA	30%	Complete	18 September 2020	N/A

Integrated Health and Safety and Stakeholder Engagement



SAFETY NOTICE -EARTHQUAKE PRONE BUILDING

YOU MAY HAVE NOTICED THAT AN "EARTHQUAKE-PRONE BUILDING" NOTICE HAS BEEN APPLIED TO YOUR BUILDING.

WHAT DOES THIS MEAN FOR THE BUILDING?
This "notice" acts as information/instruction to the owner of the building that they have 35 years from the issue date, to perform building work to strengthen the building. (Building Act 2004).

WHAT DOES THIS MEAN FOR YOU?

- There is no need to be alarmed! Nothing changes with regards to your normal daily business.
- The earthquake risk for our Auckland region remains low. Even though the risk is low, it is still important to be Prepared!

IN THE UNLIKELY EVENT OF AN EARTHQUAKE, ALWAYS FOLLOW THE STANDARD CIVIL DEFENSE RESPONSE:

- **"DROP, COVER, HOLD"**
- Once you have received the **"All clear"** or when the shaking has stopped, evacuate the building as directed by the fire wardens or as per the standard fire evacuation drills for the building.
- Always assemble in the dedicated assembly area, unless otherwise instructed.
- Wait for further instructions from the fire wardens or emergency services.

SPEAK TO YOUR H&S REPS IF YOU NEED MORE INFORMATION OR HAVE ANY QUESTIONS.

CF SAFETY NOTICE JANUARY 2020. AUTHORISED BY THE HEALTH & SAFETY TEAM



EARTHQUAKE-PRONE BUILDING

Notice under section 133AL of the Building Act 2004



Notice number: 1278
30% NBS

This notice is for -

- The building situated at 487 Dominion Road Mount Eden (Mt. Eden War Memorial Hall) Auckland 1024, Lot 1 DP 61263
- The building has been determined by Auckland Council as earthquake prone.
- The building is not a priority building (as defined in section 133AE of the Building Act 2004).
- The owner of the building is required to carry out building work to ensure that the building is no longer earthquake prone (seismic work). The owner is required to complete seismic work by: 17/01/2095.
- The owner of the building may apply to Auckland Council, under section 133AN of the Building Act 2004, for an exemption from the requirement to carry out seismic work. The building must have certain characteristics to be granted an exemption (see the Building (Specified Systems, Change the Use, and Earthquake-prone Buildings) Regulations 2005).
- In the event that Auckland Council determines or is satisfied, in accordance with section 133AQ of the Building Act 2004, that the building is not earthquake prone, the owner is not required to complete the seismic work.

Signature: 
Position: General Manager- Building Consents
On behalf of: Auckland Council
Date: 17/01/2020

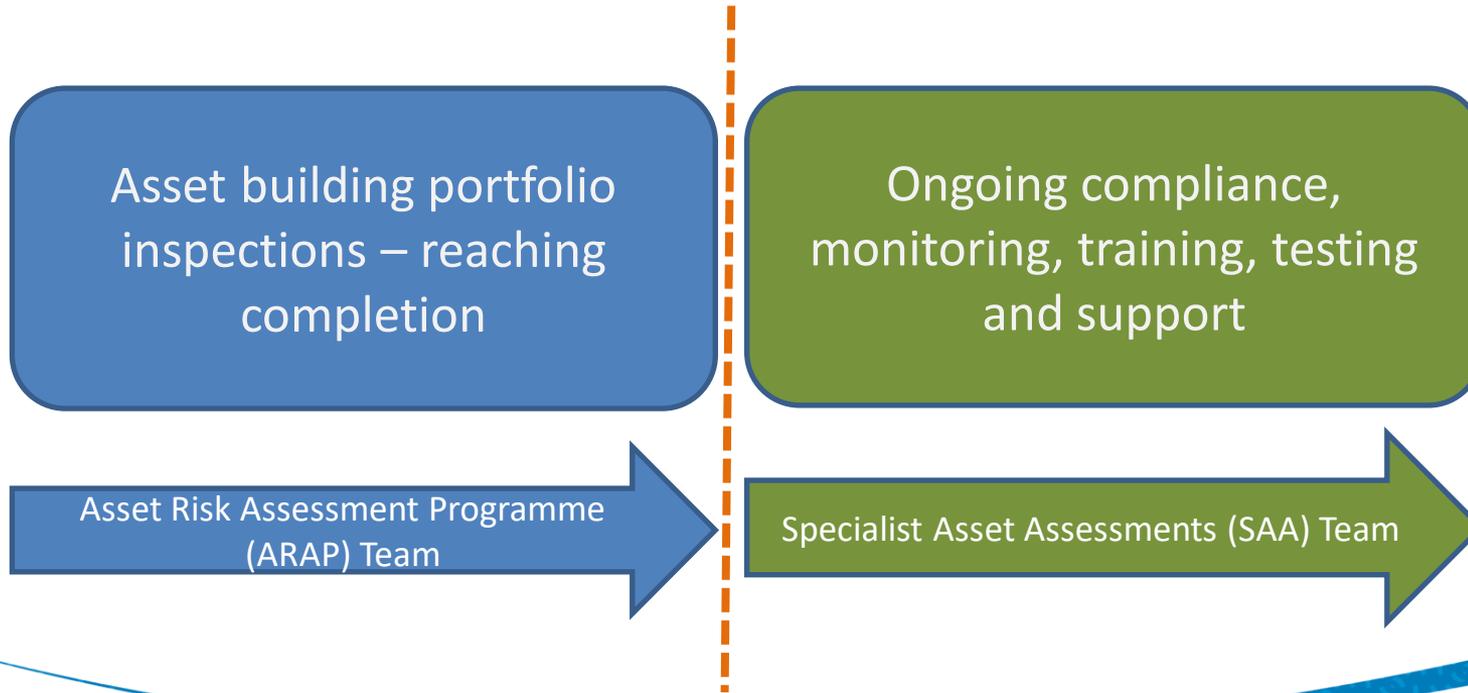
Long-term Plan Seismic Programme prioritisation

Community Facilities Seismic Programme Priority 1 Buildings	Total Priority 1 Buildings	
	Priority Assessment Methodology as per Draft Seismic Policy	56
	DSA Complete	39
	ISA Complete	15
	IEP Complete	1
	No Assessment	1
	NBS <15%	14
	NBS <34%	41
	NBS <67%	0
	NBS >67%	0
	No Assessment	1
	Asbestos Present	24
	Pilot Programme Suitability	26
	Total Estimated Cost to Remediate >34% NBS Including contingency and professional services	\$ 157,582,891
	Total Estimated Cost to Remediate >67% NBS Including contingency and professional services	\$ 201,072,630

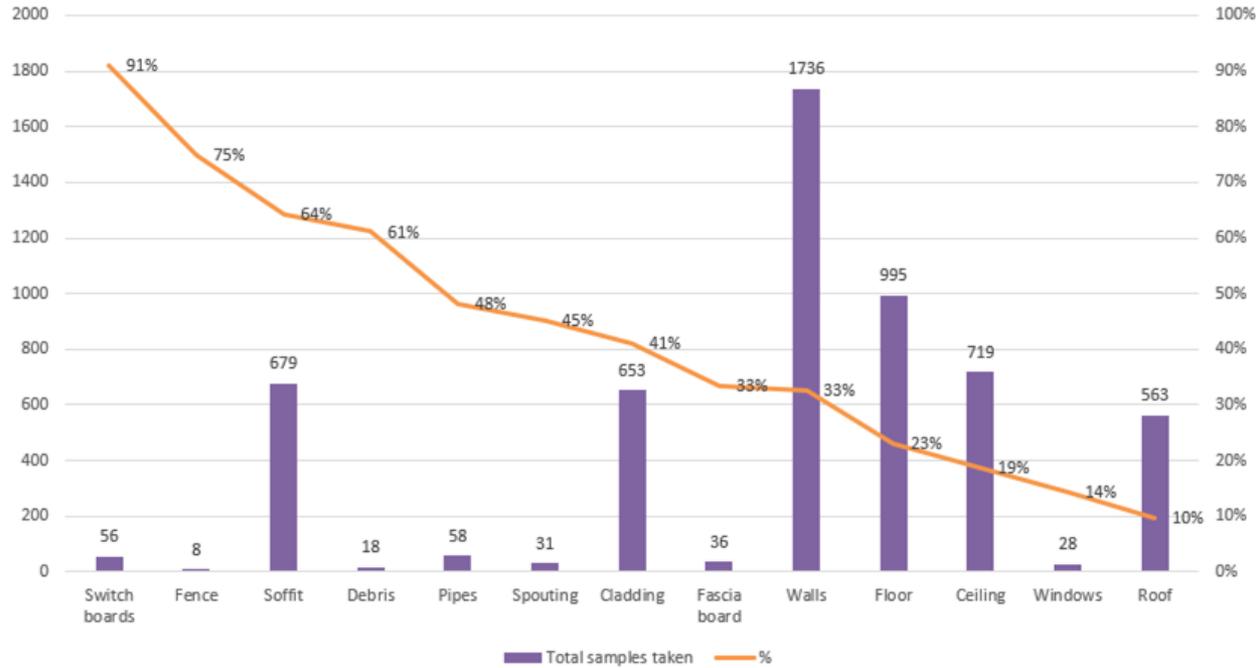
Asbestos programme transition phase



Asbestos assessments programme transition

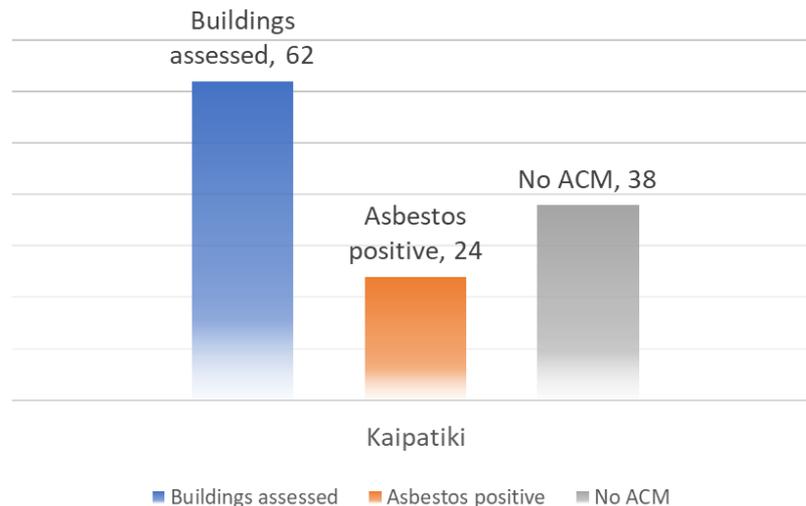


Incidence of asbestos in building elements



Kaipatiki Local Board area - Asbestos Management Surveys

SAP Floc	Building Name	Address	Survey Date	Asbestos
10925-B001	Shaolin Kempo Northcote Point Trust	18 Denby Lane, Northcote Point	16/03/2021	Yes
10926-B001	Beach Haven Sports Centre	31-35 Cresta Avenue, Beach Haven	19/07/2018	Yes
10926-B002	Shepherds Park Storage Shed	31-35 Cresta Avenue, Beach Haven	17/05/2019	Yes
10927-B003	Onepoto Domain Football Clubrooms	24 Tarahanga Street, Northcote	8/08/2019	Yes
10943-B002	Glenfield Pool and Leisure Centre	77 Bentley Avenue, Glenfield	6/07/2017	Yes
10953-B001	Birkdale Community House	134 Birkdale Road, Birkdale	12/06/2018	Yes
10953-B151	Birkdale Community Hall	136 Birkdale Road, Birkdale	1/05/2018	Yes
10953-B152	Early Childhood Centre Kauri Kids	134 Birkdale Road, Birkdale	10/05/2018	Yes
11027-B003	Colonial Road, 60 - Units 07-08	60 Colonial Road, Birkenhead	6/05/2019	Yes
11030-B001	Northcote War Memorial Hall	2 Rodney Road, Northcote	4/09/2018	Yes
11033-B001	Lindisfarne Hall	229 Lake Road, Northcote	8/08/2019	Yes
11041-B001	ActivZone	30 Downing Street, Glenfield	13/03/2017	Yes
11054-B004	Birkenhead Pool & Leisure Centre	102 Birkenhead Avenue, Birkenhead	16/06/2020	Yes
11069-B002	Depot Storage Area (Rear Cricket Club)	44 Northcote Road, Northcote	20/03/2020	Yes
11077-B001	Northcote Point Community Creche Inc	152 Queen Street, Northcote	4/10/2018	Yes
11096-B003	Kaipatiki Community Trust	15 Chartwell Avenue, Glenfield	17/06/2020	Yes
11096-B004	Marlborough Park Hall	13 Chartwell Avenue, Glenfield	31/05/2018	Yes
11097-B002	Mayfield Centre	R 1 Mayfield Road, Glenfield	23/05/2019	Yes
11104-B001	Hinemoa Street Public Toilets	1 Hinemoa Street, Birkenhead	6/08/2018	Yes
11107-B002	Toilet(Little Shoal Bay Resve Scout Den)	20 Council Terrace, Northcote Point	24/05/2019	Yes
11122-B001	Kaipatiki Project	37 Lauderdale Road, Birkdale	20/09/2016	Yes
12942-B001	Beach Haven Wharf Public Toilet	1 Beach Haven Road, Beach Haven	15/10/2018	Yes
20114-B001	Toilet(Northcote Town Centre)	115 Lake Road, Northcote	24/05/2019	Yes
23359-B002	Northcote Library and Community	Ernie May Streetet, Northcote	3/05/2018	Yes



Next steps

- Ongoing seismic assessments and asbestos monitoring
- Input into building renewals programmes
- Engagement with Local Boards
- Training, support and liaison with stakeholders and community
- Long-term Plan prioritisation

Questions?





Glenfield Pool and Leisure Centre Capital Renewals

Update to Kaipātiki Local Board Workshop 26th May 2021

Presented by:

- Chris Panayiotou. Principal Aquatic Facilities Specialist
 - Sarah Jones. Manager Area Operations



- Workshop update last made on 3rd February 2021. Further workshop update requested.
- Glenfield Pool & Leisure annual usage is circa 500,000, which makes it the 4/5th busiest aquatic site out of 27 sites regionwide
- Most well used built asset in Kaipātiki
- Renewal budget and work programme should reflect the use and condition
- Current Financial year 2021 capital renewal budget and work programme includes:
 - renew pool assets, \$50,000
 - replace springboards, \$78,590
 - catwalk construction, \$109,735
 - assessment and works on hydro-slide and dive platform, \$106,000
 - refurbish roof, \$50,000.



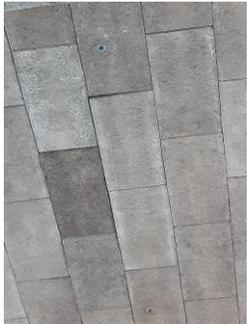
- In January 2021, HVAC ducting collapse at Moana Nui a Kiwa initiated an urgent assessment of all 'suspended services' at all regionwide aquatic sites.
- Following significant urgent 'suspended services' issues identified at Glenfield:
 - ceiling acoustic tiles in whole pool hall, particularly dive pool (work had recently being completed to construct catwalk in ceiling above)
 - sprinkler heads in whole pool hall ceiling
 - hydro slide support corrosion
 - various minor issues identified eg: light fitting clips, which were rectified in January/February.
- Dive Pool, including adjacent hydro slide, closed on 28th January 2021. Lap pool safe to remain open.



- Whole pool hall shut planned for 28th March to 27th April (would normally have a 2 weeks maintenance shut per year)
- Shut programme of works planned included:
 - Ceiling acoustic tiles
 - Sprinkler heads above pool and wet changing rooms*and to maximize down time:*
 - spring board renewal
 - dive board platform and bleacher concrete
 - planned preventative maintenance on pool plant e.g.: pumps and on services for electrical and plumbing
 - lights
 - acoustic tiles in the learn to swim pool
 - dive pool compressor
- The shut went to plan, as illustrated by the following photographs, although some work (particularly hydro slide and acoustic tiles in the learn to swim pool) are to be fully completed but it is not expected that this will disrupt service significantly.



- Project Photos
- Ceiling Acoustic Tiles (above Main & Diving Pool)
- Before –



- After -



Sprinkler Heads and Droppers above pool

Before –



After -





Sprinkler Heads and Droppers wet changing rooms

Before –



After -



Springboards

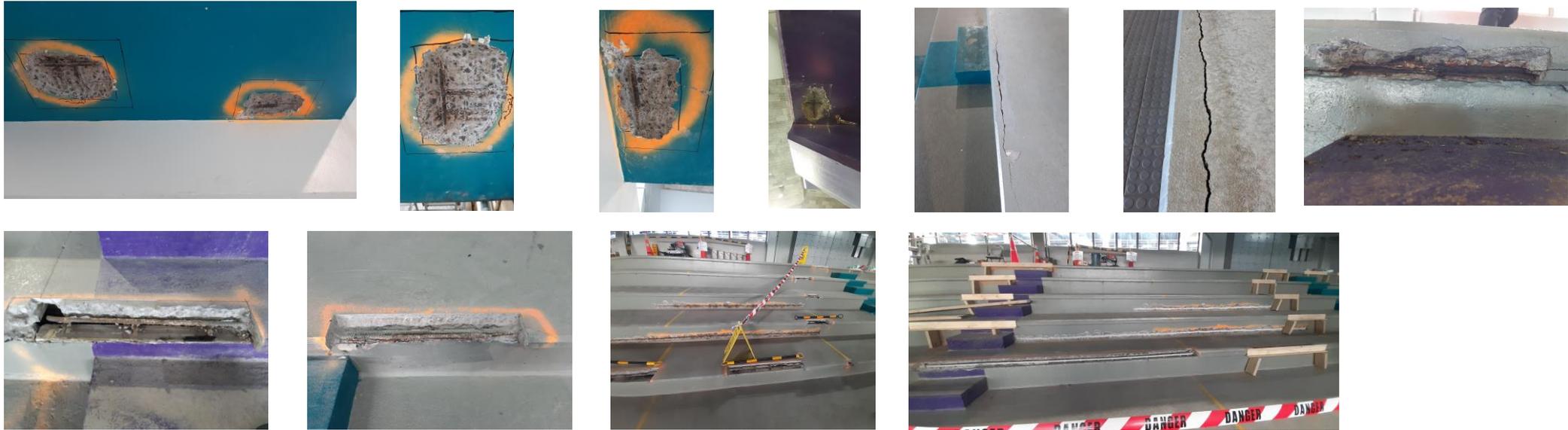
New –





Dive board platform and bleacher concrete

Before –



After -





Going Forward

- Condition assessment undertaken 2019/20:
 - Priority 1, 4/5 condition; estimate cost \$700,000 (2 years)
 - Priority 2, 2/3 to 4 condition; estimate cost \$2,541,000 (2 – 10 years)
- Future condition assessments will include critical assets, which have now been better defined and are determined by either health & safety (eg: suspended services) or operational risk (eg: pool water boiler). Likely to increase estimate costs. Updated condition assessments will be complete by November 2021, which will inform the future Kaipatiki work programme, which is currently as follows:

	Financial year 2021	Financial year 2022	Financial year 2023	Financial year 2024
27811 renew asset components	\$50,000 Estimate to complete urgent/essential works during April 2021 shut is \$320,758, which necessitates RAP bring forward	\$250,000 RAP	\$100,000 RAP	\$500,000 RAP
24163 replace spring-boards	\$78,590	-	-	-
24164 construct catwalk	\$109,375	-	-	-
18042 assessment and works on hydro slide and dive platform	\$106,000	\$360,000 RAP	-	-
18042 refurbish roof	\$50,000	\$250,000	\$100,000	-

The Year Ahead

Kaipatiki Local Board – March / April 2021

Pā kakenga/
hekenga
Tag
on/off



Kāri AT HOP anake
AT HOP card only



Northcote
Northcote Point

Please help us to
keep this facility safe

Thank you for using the facility



Purpose of today's workshop

The beginning of a conversation **>>**

The Regional Land Transport Plan

The RLTP is a 10-year investment programme for transport in Auckland. It includes the activities of AT, Waka Kotahi New Zealand Transport Agency (Waka Kotahi) and KiwiRail.

This workshop has an update on the RLTP for this local board area.

Update on 20/21 projects

Following from our last workshop, we have an update on the projects from 2020/21.

Planned work for 21/22

A brief overview of what we have planned in your area for 2021/22.

Next Steps

We welcome your feedback.

For the RLTP we will be bring you a report at your next business meeting so you can resolve your feedback.

If you'd like to learn more about anything in this presentation, we can arrange further in-depth workshops.



Regional Land Transport Plan >> Introduction



Process and decision-making steps

Auckland Transport Alignment Project (ATAP)



Draft RLTP

- Auckland Council (Planning Committee)
- Regional Transport Committee
- Public Consultation



Final RLTP

- Regional Transport Committee
- Auckland Council (Planning Committee)
- Auckland Transport Board
- Implementation from 1 July 2021

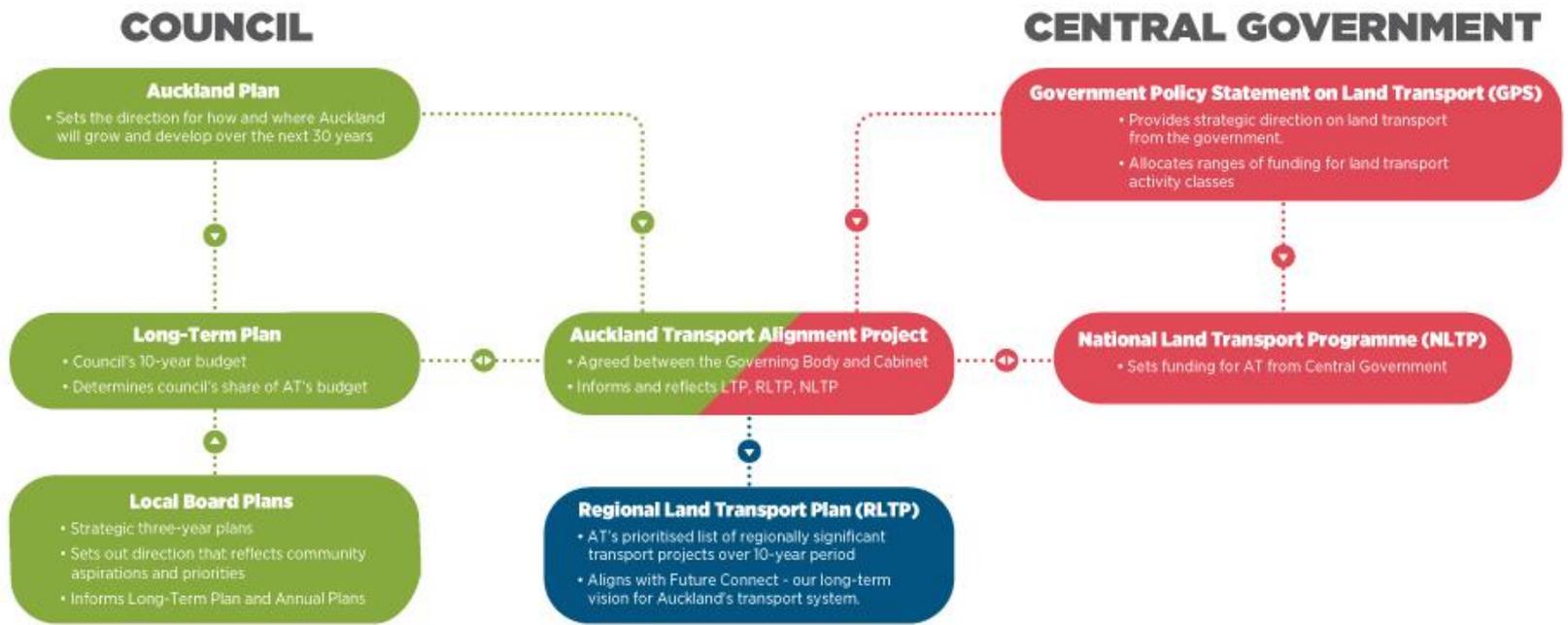
Consultation timeframes

- Released for public consultation 29 March
- Public feedback to be received by 2 May
- Local boards feedback 4 to 18 May

Feedback sought

- Have we correctly identified the most important transport challenges facing Auckland?
- Have we allocated available funding to the highest priorities?
- What other projects or activities do you think should be included?

What direction do we follow in putting together the RLTP?



Regional Land Transport Plan » Auckland's Transport Challenges

FOUR KEY PROBLEM STATEMENTS HAVE BEEN IDENTIFIED:



Climate change and the environment – Emissions and other consequences of transport are harming the environment and contributing to the transport system becoming increasingly susceptible to the impacts of climate change.



Travel options – A lack of competitive travel options and high car dependency as the city grows is limiting the ability to achieve the quality compact urban approach for Auckland.

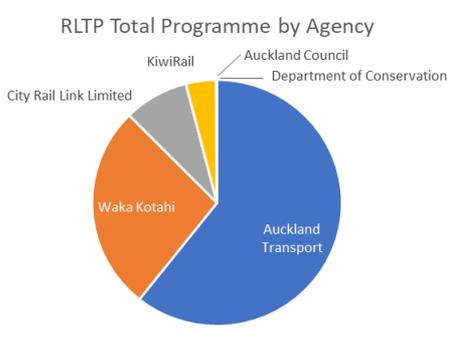
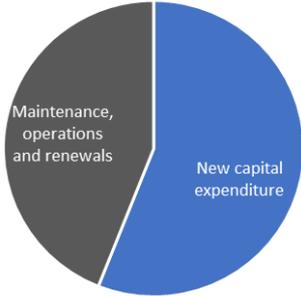
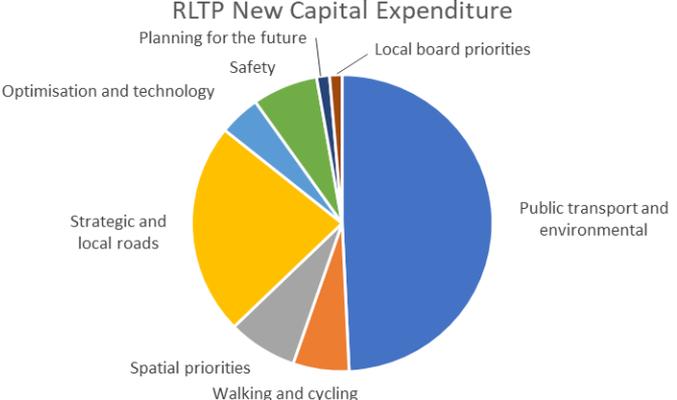
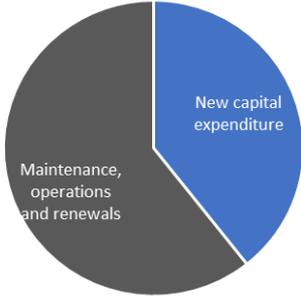
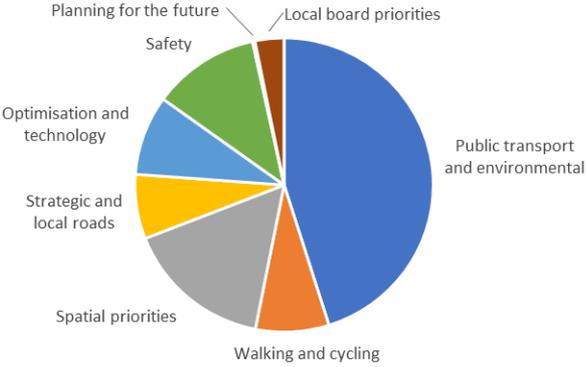


Safety – The transport system has become increasingly harmful and does not support better health outcomes.



Access and connectivity – Existing deficiency in the transport system and an inability to keep pace with increasing travel demand is limiting improved and equitable access to employment and social opportunities.

Regional Land Transport Plan » Investment summary

	Total Programme	New Capital Expenditure
<h2 data-bbox="34 382 239 421">Draft RLTP</h2>  <p data-bbox="92 454 409 476">RLTP Total Programme by Agency</p> <p data-bbox="40 525 195 544">City Rail Link Limited</p> <p data-bbox="181 491 239 509">KiwiRail</p> <p data-bbox="272 486 388 505">Auckland Council</p> <p data-bbox="305 505 484 524">Department of Conservation</p> <p data-bbox="131 639 266 658">Waka Kotahi</p> <p data-bbox="291 668 369 686">Auckland Transport</p>	<h3 data-bbox="653 305 1000 344">Total Programme</h3>  <p data-bbox="691 401 954 425">RLTP Total Programme</p> <p data-bbox="678 582 794 644">Maintenance, operations and renewals</p> <p data-bbox="865 634 962 672">New capital expenditure</p>	<h3 data-bbox="1277 305 1779 344">New Capital Expenditure</h3>  <p data-bbox="1360 401 1707 425">RLTP New Capital Expenditure</p> <p data-bbox="1329 434 1503 452">Planning for the future</p> <p data-bbox="1418 462 1476 481">Safety</p> <p data-bbox="1561 444 1727 462">Local board priorities</p> <p data-bbox="1193 482 1412 501">Optimisation and technology</p> <p data-bbox="1257 615 1373 654">Strategic and local roads</p> <p data-bbox="1707 601 1862 639">Public transport and environmental</p> <p data-bbox="1321 762 1456 781">Spatial priorities</p> <p data-bbox="1398 786 1553 805">Walking and cycling</p>
<h2 data-bbox="34 859 421 953">Auckland Transport component</h2>	<h3 data-bbox="710 876 942 901">AT Total Programme</h3>  <p data-bbox="691 1115 794 1176">Maintenance, operations and renewals</p> <p data-bbox="865 1048 962 1086">New capital expenditure</p>	<h3 data-bbox="1373 876 1696 901">AT New Capital Expenditure</h3>  <p data-bbox="1302 919 1476 938">Planning for the future</p> <p data-bbox="1398 948 1456 966">Safety</p> <p data-bbox="1534 925 1700 943">Local board priorities</p> <p data-bbox="1251 1019 1379 1058">Optimisation and technology</p> <p data-bbox="1271 1105 1379 1143">Strategic and local roads</p> <p data-bbox="1688 1053 1843 1092">Public transport and environmental</p> <p data-bbox="1302 1219 1437 1238">Spatial priorities</p> <p data-bbox="1476 1258 1630 1276">Walking and cycling</p>

Regional Land Transport Plan

»» What's in the plan?

Mapped items

Capital projects from Draft RLTP that have spatial details available:

- Auckland Transport
- Waka Kotahi
- KiwiRail
- City Rail Link Limited
- Auckland Council

Also included some deliverables for programmes where known:

- Safety
- Connected Communities
- Urban Cycleways
- Network Performance / Optimisation
- Neighbourhood Interchanges
- Projects Supporting Auckland Housing Programme

Not on the map

Operations (including public transport services)

Renewals

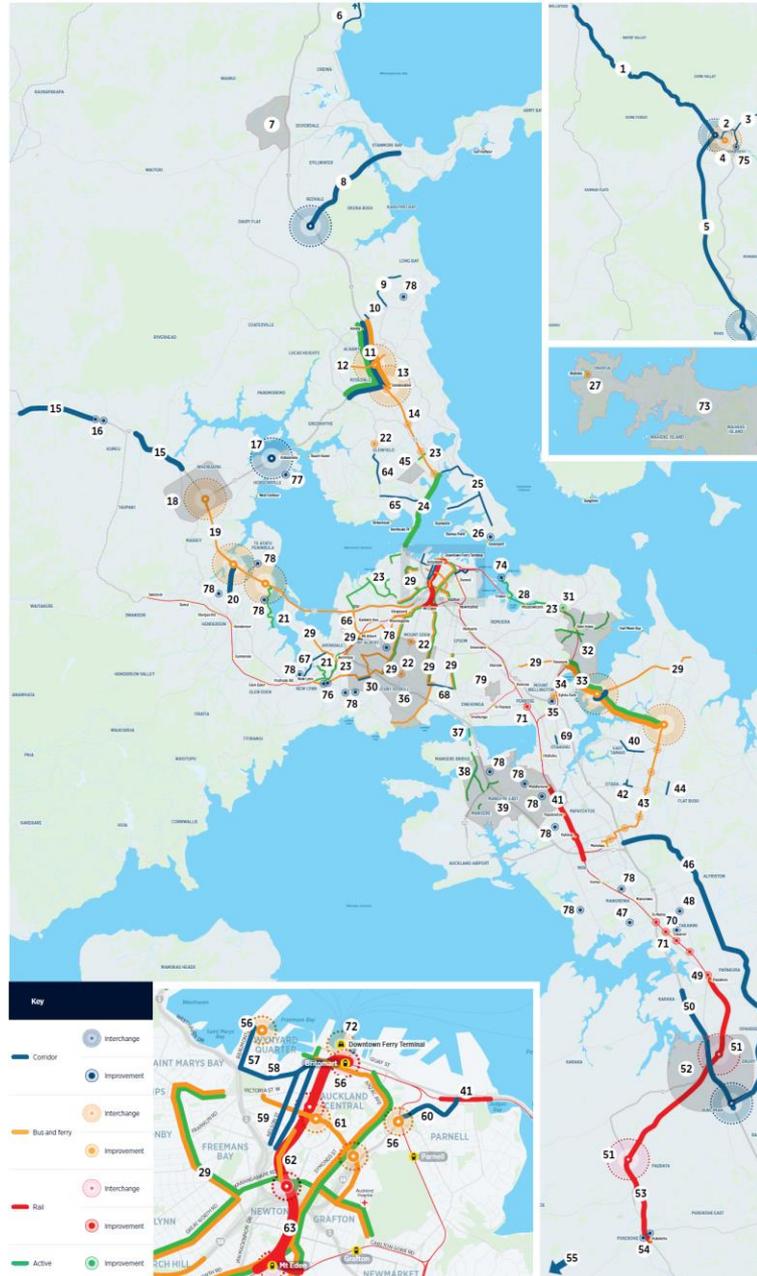
Programmes with delivery details to be confirmed

Pre-implementation only projects (i.e. route protection, investigation, business case only)

Non-spatial projects (e.g. technology and systems)

Regional Land Transport Plan

2021-2031



1. Drive Valley Safety Improvements (Waka Kotahi)
2. Huttville Link Road (AT)
3. Safety Programme - Kaitake Road (Auckland Council)
4. Project Tender by Bayley Transport Integrated Rate - Northcote Community Transport Hub (AT)
5. Public Workforce (Waka Kotahi)
6. Safety Programme - Hibiscus Coast Highway (Auckland Council)
7. Wetland Improvements (AT)
8. Poutūki (Waka Kotahi/AT/UP)
9. Summer Road/Sea Coast Road Intersection and Corridor Improvements (AT)
10. Huttville Drive Link (AT)
11. Northern Corridor (Duckies busway extension) (Waka Kotahi)
12. Huttville Road Corridor (AT)
13. Rosedale and Constellation Bus Stations (AT)
14. Northern Busway Enhancements (AT)
15. S153 Singham Creek-Waimauka (Waka Kotahi)
16. Hospital Improvements (AT)
17. S153 Ingham Drive Interchange Upgrade (Waka Kotahi)
18. Greenfield Transport Infrastructure - Northward (AT) and Northern Growth Improvements (AT)
19. Northward Bus Improvements (AT/CSRP)
20. Liberty Road Corridor Improvements (AT)
21. To Whangāhau (Auckland Council/CSRP)
22. Neighbourhood Interchanges (AT)
23. Urban Cycleways Programme (AT)
24. Northern Pathway (Westhaven to Abarangi) (Waka Kotahi/AT/UP)
25. Lake Road/Esplanade Road Improvements (AT)
26. Safety Programme - Devonport Town Centre (AT)
27. Huttville Park and Ride (AT)
28. Glen Innes to Tamaki Cycleway (AT/Waka Kotahi)
29. Connected Communities (AT)
30. Network Performance - Hesse Street Dynamic Bus Lane (AT)
31. Huttville Park Interchanges Connectivity Project (AT)
32. Projects Supporting Auckland Housing Programme (Camels) (AT) and Transit Regeneration (AT)
33. Eastern Busway (AT)
34. Sylvia Park Bus Improvements (AT)
35. Network Performance - Road Network Highway/S153 Southbound On-ramp (AT)
36. Projects Supporting Auckland Housing Programme (Hokitika) (AT)
37. Old Mangere Bridge Pedestrian and Cycling Link (Waka Kotahi)
38. Mangere Cycleways (Airport Access) (AT)
39. Projects Supporting Auckland Housing Programme (Hangers) (AT)
40. Student Access Road Widening and Intersection Upgrade (AT)
41. Arts to Gary Park (AT/AT/UP)
42. Network Performance - East Tamaki Road/Oranui Road/Pease Road (AT)
43. Airport to Botany Stage 2 Bus Improvements (AT)
44. Devonport Town Centre Link (AT)
45. Projects Supporting Auckland Housing Programme (Northcote) (AT)
46. Hill Road Corridor (Waka Kotahi/AT/UP)
47. Safety Programme - Manurewa (Central Quadrant) (AT)
48. Safety Programme - Papanui (Papanui Intersection) (AT)
49. Huttville Park Station Park and Ride (AT)
50. State Highway 1 and 16 to Dryden South (Waka Kotahi/AT/UP)
51. Dryden Stations (AT/AT/UP)
52. Dryden Local Road Improvements (AT)
53. Progress to Pukekohe Electrification (AT/AT/UP)
54. Network Performance - Pukekohe Dual Gantry (AT/AT/UP)
55. Safety Programme - Waiuku School Road / Hesse Road Intersection (AT)
56. Downcross Overpass Bus Facilities (AT)
57. Wynyard Quarter Integrated Road Programme (AT)
58. Safety Programme - Fairbairn Street (AT)
59. Safety Programme - Hibiscus Street / Nelson Street (AT)
60. State Highway Optimisation Programme - The Strand Special Vehicle Lane (Waka Kotahi)
61. Hibiscus Bus Improvements (AT)
62. Albert and Vercell Street Bus Priority Improvements (AT)
63. City Rail Link (CRL) and CRL Road Side Projects (AT)
64. Safety Programme - Glenfield Road (AT)
65. Safety Programme - Coopers Road (AT)
66. Carrington Road Improvements (AT)
67. Safety Programme - Ash Street and Sata Street (AT)
68. Safety Programme - HB Ash Road (AT)
69. Safety Programme - Alibon Avenue (AT)
70. Safety Programme - Waiuku School Road / Hibiscus Road Intersection (AT)
71. CRL Day One - Lane Crossing Removal (AT)
72. Downtown Ferry Basin Redevelopment (AT)
73. Waiuku 10 Year Transport Plan (AT)
74. Tamaki Drive / Mangere Road Safety Improvements (AT)
75. Hill Street Intersection Improvement (AT)
76. Wetherston Cabways (AT)
77. Scott Road Improvement (AT)
78. Safety Programme - Residential Speed Management (AT)
79. Projects Supporting Auckland Housing Programme (Oranga) (AT)

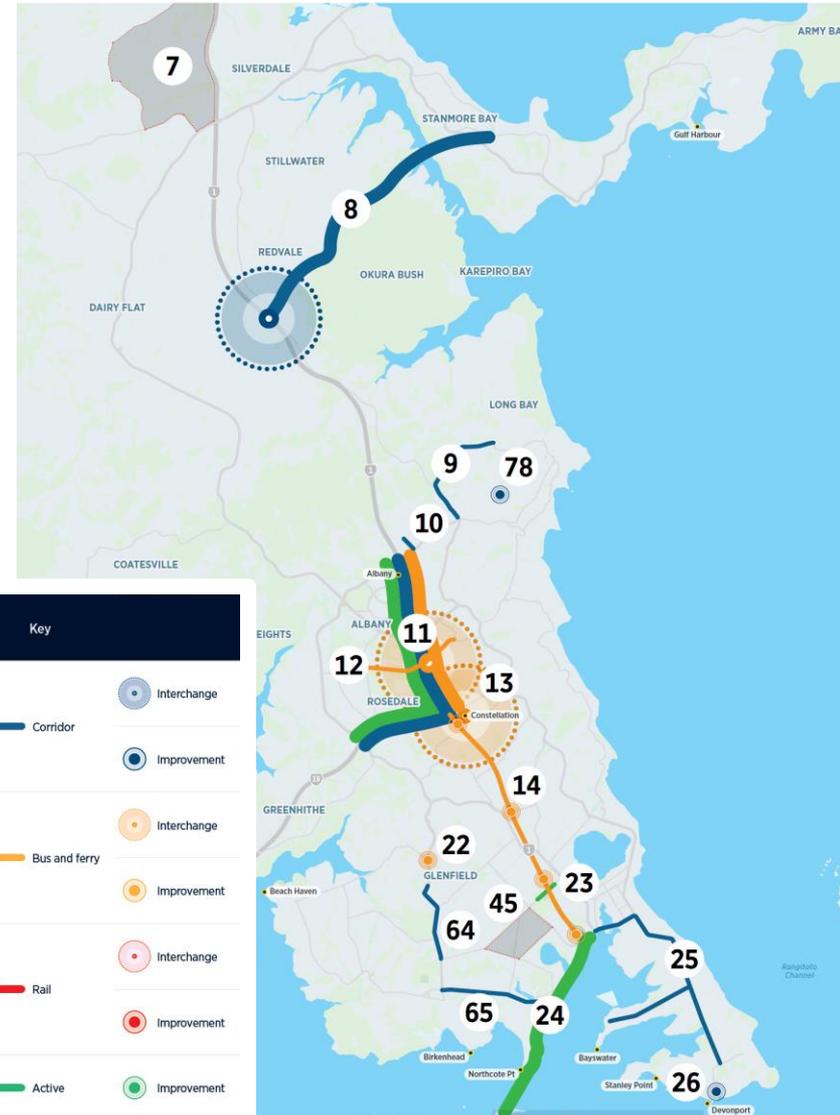
Regional Land Transport Plan

» What's planned in and around your area?

	AT Projects	Duration	10 Year Capital Expenditure
7	Wainui Improvements	2021/22 - 2023/24	23.1
9	Glenvar Road/East Coast Road intersection and corridor improvements	2021/22 - 2024/25	57.3
10	Medallion Drive Link	2021/22	12.0
12	Rosedale Road Corridor	2021/22 - 2023/24	8.0
13	Rosedale and Constellation Bus Stations	2021/22 - 2023/24	59.0
14	Northern Busway Enhancements	2027/28 - 2030/31	62.0
25	Lake Road/Esmonde Road Improvements	2022/23 - 2025/26	48.4

	Project from a Programme	Underlying Programme
22	Glenfield Bus Interchange	Neighbourhood Interchanges (AT)
23	Northcote Safe Routes (SH1 bridges)	Urban Cycleways (AT)
26	Devonport Town Centre	Safety (AT)
45	Northcote Spatial Priority Area	Projects Supporting Auckland Housing Programme (AT)
64	Glenfield Road	Safety (AT)
65	Onewa Road	Safety (AT)
78	Residential Speed Management - Torbay	Safety (AT)

	Non-AT Projects	Responsible Agency	10 Year Capital Expenditure
8	Penlink	Waka Kotahi	411.0
11	Northern Corridor (includes busway extension)	Waka Kotahi	128.2
24	Northern Pathway (Westhaven to Akoranga)	Waka Kotahi	360.0



Regional Land Transport Plan

» Local Board Plan advocacy items

Outcome	Objective	Key initiatives	
<p>Transport and connections – Our people have many transport options and can easily and safely move around and find their way</p>	<p>People have more travel choices to get to work, school or go about their daily lives</p>	<p>Advocate to Auckland Transport to maintain our roads intersections, footpaths, pedestrian crossings and walkways to a high standard, creating a safe environment for our vulnerable road users – pedestrians, cyclists and bus users of all ages and abilities</p> <p>Advocate to Auckland Transport and Waka Kotahi NZ Transport Agency to improve walking, bus, and cycling infrastructure for Kaipātiki, including the Northern Pathway, the Auckland harbour bridge shared pathway (Te Ara Pae Moana), and supporting connections to our parks and road corridors</p> <p>Advocate to Auckland Transport to work with our school communities on better travel options to and from school</p> <p>Work with Auckland Transport towards greater local decision-making over the local road corridor network</p>	
	<p>Our public transport network is affordable, convenient, frequent, environmentally conscious and accessible – connecting people to where they need to go</p>	<p>Advocate to Auckland Transport to continue improving the bus and ferry network serving Kaipātiki through cheaper ferry and bus fares, increased frequency of the ferry service, and more buses going to more destinations more often</p> <p>Advocate to Auckland Transport to move to an electric bus and ferry fleet serving Kaipātiki</p>	
	<p>The Kaipātiki Connections Network Plan delivers commuter and recreational walking and cycling links through the local board area</p>	<p>Implement an updated Kaipātiki Connections Network Plan that takes account of current opportunities, including the Waka Kotahi NZ Transport Agency’s Northern Pathway project, recent and proposed bush track developments, Northcote’s Te Ara Awataha Greenway, the Beach Haven Coastal Connection, and challenges such as minimising the spread of kauri dieback in our parks</p>	
	<p>Opportunity and prosperity – Our people can buy local, live local and work local.</p>	<p>Local and international visitors are attracted to our area</p>	<p>Work with Auckland Transport, Panuku Development Auckland, and other interested parties, on temporary, low-cost, “pop-up” tactical urbanism projects in our town centres and village centres</p>

Road Corridor Renewals

Description

Road renewals are undertaken when assets reach the end of their service life. This means that overall, the assets are in a range of condition from excellent (new) through to poor (old).

Outcomes

Road assets comprising road carriageway, footpaths, drainage, streetlights, traffic signals, bridges etc meet desired levels of service and are renewed in a timely, efficient and sustainable manner.

Potential Challenges

The existing renewal budgets are very constrained, but the renewal spend is forecast to increase significantly over the next 10 years to meet the needs of the network.

Kaipatiki Local Board

Please refer to the following indicative list of chip seal and asphalt sites.

These are indicative programmes which will be subject to change following field validation, prioritisation, budget approval and allocation

Footpath renewal programmes will be finalized in conjunction with the identification and mark out of the pre-seal repairs for the resurfacing programmes



Road Corridor Renewals

Work Activity	Target Length	Network Length
Pavement Rehabilitation (sealed roads)	10 km	6825 km
Pavement Strengthening (unsealed roads)	15 km	812 km
Sealed Road Resurfacing	410 km	6825 km
Footpath Renewal	70 km	7430 km
Kerb and Channel Replacements	45 km	8740 km
LED Retrofit (Streetlights)	7,500 lights	122,000 lights
Street light pole replacements	1,000 poles	79,500 poles

Resurfacing

Resurfacing is required periodically to re-waterproof the road surface and prevent water ingress into the underlying road pavement. It is normally done at a frequency of 8 – 12 years but sometimes life can be extended to 20 years or more using rejuvenation techniques or where traffic volumes are low. Chip sealing is the normal treatment and makes up approximately 80% of our resurfacing programme. Asphalt is 4-5 times more expensive than chip seal and is used on high volume roads (>10,000 vehicles per day) and in areas where we have high traffic stresses such as intersections and cul-de-sac heads.



Kaipatiki
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Road Corridor Renewals

Kaipatiki Local Board

Chipseal

ALFRED ST (NORTHCOTE)
ATHENA DR
AYTON DR
COLIN WILD PL
CROCOMBE CRES
DUDDING AVE
FINN PL (GLENFIELD)
FLAXDALE ST
FRIZELL ST
GIRRAHWEEN DR
GLENWOOD AVE
GREENRIDGE CRT
GREENVALLEY RISE
HAVENWOOD PL
HEATHGLEN PL
HOBBY AVE
HOLYOAKE PL
IVY PL
LANCASTER RD
LYNN RD
MAYALL AVE
MELBA ST
MERTON AVE
MILTON RD (NORTHCOTE)
NUTSEY AVE
ORTON ST
PALMERSTON RD
RICHMOND AVE
ROBERTS RD GLENFIELD
ROSEBERRY AVE
SAPPHIRE PL
TEAL CRES
THALIA PL
VIENNA PL
VINCENT RD
WANGANILLA ST
WANITA PL
WILLOW AVE
WOODCOTE DR

Asphalt

ANTRIM GR
AYTON DR
CAMILLA GR
CHARTWELL AVE
CLARENCE RD
COLIN WILD PL
CORONATION RD (GLENFIELD)
COUNCIL TCE
CURRYS LANE (NORTH)
ESKDALE RD
ESMONDE RD DEC (WEST)
EXMOUTH RD
FLAXDALE ST
GLENFIELD RD
GLENVALE PL
GLENWOOD AVE
HAVENWOOD PL
HOBBY AVE
HOLYOAKE PL
IVY PL
LYNN RD
MERRILL PL
MERTON AVE
MIRAKA PL
MURANO PL
ORTON ST
PACKHAM PL
PARIS PL
PARK HILL RD (GLENFIELD)
RICHMOND AVE
RODNEY RD (NORTHCOTE)
ROSEBERRY AVE
ROSEBERRY AVE
ROSEBERRY AVE
SUNNYBRAE RD
SYLVAN AVE
TARGET RD
TITIWAI PL
VALECREST PL
VIENNA PL
VINCENT RD
WANITA PL

Capital Projects - benefiting your area

Kaipātiki Local Board

New Northern Busway Station & Park & Ride

Construction works for Constellation Bus Station, SH1 Bridge replacement, and Rosedale Busway Bridge are progressing well. Rosedale Bus Station design has completed. Rosedale Road 4-Laning design is at final stage and expected by the end of April 2021. **\$116m**



Downtown Ferry Wharves

Creating six new berths on the west side of Queens Wharf is the first step towards a modern, ferry terminal. The new berths enable Pier 3 to be decommissioned, thereby providing space for the development of Te Wananga. Main works complete end April 2021. Fully commissioned for ferry use, first week July 2021. **\$116m**

Downtown Programme Quay St & Te Wananga

Quay Street will become a revitalised waterfront space, with wider footpaths, easier navigation, new street furniture, more trees, and greater opportunity for business and events. An exciting new public space will be created in the ferry basin between Princes Wharf and Queens Wharf. Main works complete end April 2021. Planting continues in May & June. **\$72m (Quay St), \$39m (Te Wananga)**

Capital Projects - benefiting your area

Kaipātiki Local Board

Northcote Safe Cycle Route

The construction of the two pedestrian / cycle bridges spanning the northern motorway alongside and immediately adjacent to the existing Northcote Road overbridge will be completed in April 2021. **\$12m**



Smales Farm Busway Station Platform B Extension

Safety improvement to extend Platform B northward, increasing pedestrian capacity on the platform. Completion expected October 2021 **\$1.1m**



Kaipātiki
Local Board



Road Safety

Introduction

The Road Safety Programme is a combination of 4 sub-programmes. The programmes focus on addressing high risk infrastructure as well as setting a safe and appropriate speed environment.

Outcomes

- Reduces Death and Serious Injuries (DSI) on our roads across the region
- Having a network that has a safe and appropriate speed limit
- Reduction of high risk locations on AT's network

Planning Process

Road Safety projects' selection and prioritization is informed by proactive risk assessment tools such as Urban KiwiRAP risk Mapping and NZTA Megamaps. The prioritization is further influenced by the Transport Agency's national Safe Network programme.

Update on 2020/21 Projects

<u>Projects</u>	<u>Update</u>
Glenfield School	Completed
Archers/Coronation - new roundabout	To be Completed by June 2021 (additional to previous presentation)

Update on 2021/22 Projects

<u>Projects</u>
Ellice Rd/Wairau Rd Intersection



Network Optimisation Programme

FY20/21 - \$6.5m



FY21/22 - \$9m

Introduction

Network Optimisation is a multi-modal programme that utilises the existing road space to improve the movement of people, goods and services in strategic corridors, metropolitan and town centres.

Currently we are developing a joint Optimisation Single Stage Business Case with Waka Kotahi to plan the next 10 years with a focus on the first three years of the RLTP.

Outcomes

Solves known deficiencies (pain points) to improve network performance for:

- Freight movements on the key freight network
- Bus movements on key public transport corridors
- Walking within key activity centres
- Cycling on the strategic cycling network
- General traffic

Planning Process

Network deficiencies are identified based on network performance reporting and measured against the Network Operating Plan. Network deficiencies (pain points) are then investigated and solutions prioritised to be included in the Optimisation Programme.



FY21/22 Projects

- Birkenhead T3 Lane.



Kaipatiki
Local Board





Introduction

The Community Programme is a combination of 3 sub-programmes: Minor Improvements, Regional Improvements and Community Safety Fund. The programmes focus on addressing community concerns for safety and accessibility.

Outcomes

- Delivers outcomes to respond to customer and stakeholder queries
- Improves the operation and safety of the network
- Addresses safety concerns raised by the community and prioritised by the Local Board (CSF)

Planning Process

Community Safety Fund is included in the draft RLTP to complete agreed projects prior to June 2022. Regional and minor projects are identified by the community and response to changes in operations. These are then prioritised based on safety, mode choice, efficiency, community and cost.

FY21/22 Projects

- Wairau Rd / View Rd intersection signalisation
- Rangatira Road – Kauri Park School crossing
- Birkdale Road – Pedestrian improvement



AT Metro Operations & Infrastructure - 2020 Projects Update

Introduction

Auckland Transport was making some changes to public transport services across Auckland in January 2021 to:

- enable cost savings with as little impact on customers as possible
- better suit the needs of customers in some areas
- involve the removal of some duplicative and poorly performing services
- add more electric buses, better connectivity and services to new developments
- add increased capacity on some routes.

Service changes are being made across the region, affecting 16 of the 21 Local Boards directly. The following changes affected Kaipatiki

- Reduced capacity on 95 / 97 bus services from Glenfield and Verrans Corner
- Additional ferry sailings from Beach Haven
- Reopening of Northcote ferry service

<u>Projects</u>	<u>Update</u>
•40 Verbana Rd, Birkdale (bus stop relocation and line marking)	Completed
•Sunnynook Rd -Sunnynook Busway Stn (additional bus shelter)	Completed
•243 Rangatira Rd, Beach Haven (stop relocation and new shelter (LB funded))	To be completed before 30 June
•Spinella Dr - 5 sites, Manuka Rd – 4 sites, Bayview (line markings)	To be completed before 30 June
•Chivalry Rd – 4 sites, Glenfield (line markings)	To be completed before 30 June
•Onewa Rd – 5 sites, Hinemoa St – 2 sites, bus stop upgrades	Deferred to 21/22

AT Metro Operations & Infrastructure - 2021 Proposed Projects

Public Transport Services 2021

928 and 917 bus service changes are being made to better align with Birkenhead and Northcote ferry services (late April 2021)

923 / 926 services are being amended around Northcote shops. This will improve journey times for through passengers

Public transport infrastructure:-

- 106, 136, 180, 228 & 163 Onewa Rd – new bus shelters – LB / Cllr requested
- Ongoing response to customer requests for bus upgrades and ongoing programme of upgrade requests from bus operators for operational enhancements – as budget allows

Current



New



Community Transport Programmes

Travelwise School Programme

This programme aims to encourage active modes of travel; walking, cycling, scootering and using public transport or a school bus.

Walking School Buses

A walking school bus provides young children with a safe way to walk to school through a structured, adult-supervised walking group that takes them from near their homes to their school.

Of 280,000 children in Auckland 46% Active modes at Travelwise schools

294 Walking School buses,
3750 Children across the region



Kaipatiki Local Board

26 Travelwise schools

24 Walking School buses

Travelwise, Innovating Streets* and Walking School Bus* schools

- Bayview School * *
- Beach Haven School *
- Belmont Primary School *
- Birkdale Intermediate - Ngā Hua O Te Purapura Pai ^
- Birkdale North School * *
- Birkdale Primary School - Te Puawaitanga O Te Purapura Pai ^
- Birkenhead College
- Birkenhead School *
- Chelsea Primary School *
- Glenfield Primary *
- Glenfield College
- Glenfield Intermediate
- Hato Petera College
- Kauri Park School *
- Manuka Primary School *
- Marlborough Primary School *
- Northcote College
- Northcote Intermediate
- Northcote Primary *
- Onepoto School
- St Mary's School *
- Sunnybrae Normal School
- Target Road School
- Verran Primary School *
- Willow Park Primary * *
- Windy Ridge Primary *



Kaipatiki
Local Board



Community Transport Programmes

Road Safety Programme

Community Transport road safety behavior change programmes address 8 high risk themes contributing towards death and serious injury crashes, in communities across Auckland.

Including: **Young Drivers, Alcohol and Drugged Driving, Speed, Motorcycles and Motor scooters, Older Road Users, Intersections, Restraints, and Distractions.**

Te Ara Haepapa (The Journey)

Te Ara Haepapa is a programme developed to address the high proportion of Maori involved in deaths and serious injury road crashes in Tamaki Makaurau.

What's happening in your local area up to June 30th

Young Drivers aged 16-24

- Online theory workshops for young drivers
 - advice on how to stay safe when driving
 - advice on how to prepare for the next stage of their graduated licence
 - a free 'mock' licence test, with a qualified instructor after attending a restricted or full licence workshop

Speed

- Back to School & Slow Down Around Schools campaign and activities beginning Term 2



Funding for 21/22 financial year programmes still to be confirmed

8 High Risk Themes

Bringing community on the Vision Zero journey

Sustainable Mobility, Customer Experience

2021-22 Proposed OPEX Programme

Introduction

Delivering engagement programmes and behaviour change initiatives that improve safety outcomes and accelerate mode shift toward sustainable modes of travel.

Active Modes

Promoting active modes, improving safety and encouraging mode shift through cycle skills training, events, activations and campaigns targeted at schools and communities.

The cycling programme aims to get more people cycling more often, build community capacity for cycling and encourage the use of cycling infrastructure.

Travelwise Choices

Working with large businesses and organisations to increase travel by sustainable modes.

Targeted engagement including city centre businesses, DHBs, tertiary institutes and new movers.

Local Board Involvement

We would love the local board to help us shape our programme locally by:

- Identifying new community groups, schools and large businesses interested in working with us.
- Promoting our programme of activities to increase uptake.



» Regional Budget \$TBC



The following is a list of regional activities that will be tailored to local board areas, aligning with the existing cycle network and planned cycle infrastructure improvements.

Community Partnerships

Support community groups with the design, delivery and/or funding of their bike related activities.

Community Bike Fund

A contestable grant for community groups to deliver events and projects that encourage more people to ride bikes. Groups can apply for up to \$5,000.

School Cycle Training

Deliver Grade 1 (basic cycle skills) and Grade 2 (on road riding skills) at a selection of schools. List of schools TBC.

Bikes in Schools

Support national programme through training teachers at participating schools.

Kids Learn 2 Ride

Community based drop-in sessions teaching bike skills to children (Locations TBC).

Adult Bike Skills

Courses including Bronze (off-road skills), Silver (quiet road skills), Gold (on-road skills) and bike maintenance sessions available on demand.

Bike Burbs

In partnership with Bike Auckland provide capacity building support to community Bike Burbs.

Bike Hubs

Support the establishment and running of community based bike hubs..

Events and Activations

Provide walking & cycling focused activities at community events and deliver a series of 'pit stops' on popular cycle routes to encourage safe cycling.

Auckland Bike Challenge

Individuals and teams and compete to log bike rides during the month of February.

Travelwise Choices Awards

Celebrating businesses who are doing great things in the sustainable travel space.

Thank you

Any Questions



Regional Fuel Tax

- Consulting on a proposal to vary RFT Scheme alongside RLTP with a combined feedback form
- Why are we changing?
 - Government funding decisions reduced the need for RFT funding for some projects within the scheme
 - Alignment with refreshed ATAP and draft RLTP

No change	Proposed changes
<ul style="list-style-type: none"> • RFT rate (10 cents a litre +GST) 	<ul style="list-style-type: none"> • Project descriptions, initiatives and benefits
<ul style="list-style-type: none"> • RFT scheme period (2018-2028) 	<ul style="list-style-type: none"> • Total spend and RFT contribution per project
<ul style="list-style-type: none"> • Area subject to scheme (exclusion of Aotea Great Barrier) 	<ul style="list-style-type: none"> • Project timings
<ul style="list-style-type: none"> • Key objectives and key elements 	
<ul style="list-style-type: none"> • Strategic alignment with other policy documents 	
<ul style="list-style-type: none"> • Expected positive and negative effects 	
<ul style="list-style-type: none"> • Number of funded projects (14) 	



Next steps

- Consultation feedback reported back alongside RLTP feedback
- Views of Regional Transport Committee will be provided
- Council decision on final proposal
- Submit to Government for Cabinet decision
- Variation given by legal effect through Order in Council



Beach Haven - renew coastal connections Kaipatiki Local Board



20 May 2021

LEGEND:

- PROPERTY BOUNDARY 
- STAGE 1 PATHWAY UPGRADE 
- STAGE 1 REALIGNMENT 
- STAGE 2 PATHWAY UPGRADE 
- STAGE 2 REALIGNMENT 
- STAGES 1 AND 2 DECOMMISSION 
- STAGE 3 NEW CONNECTIONS 
- EXISTING TRACKS (OUTSIDE SCOPE) 
- LOCATION OF STEPS / STAIRS 



Accessibility Options – Surface Type

Option	Materials mix	Accessibility	Construction complexity implications	Budget implications (likely to fit within current allocation)
Status quo	Repeat existing mix of aggregate and concrete	Moderate	Simple	Good
Accessible path to look out	Concrete route or loop in Shepherds Park that includes the look out	Good	Moderate	Good
Accessible path to look out and (mainly) step-free track	Mix of concrete and aggregate maximising accessibility, retaining bush feel and minimising stepped areas	Very good	Moderate	Good
RECOMMENDED				
Accessible path from Shepherds Park and Hellyers Creek to Kaipatiki Road	Wide concrete shared path for majority of Shepherds Park and Hellyers Creek	Excellent	Complex	Bad – likely to require more budget

Path Surface Costings

Surface	Costing
Aggregate	\$100 per sm
Concrete	\$180 per sm
Hoggin Limestone	\$180 per sm
Timber Boardwalk (ex Foundations	\$500 per sm

Path Surfacing



Path Surfacing



Aggregate surface
with rock channel



Staircase



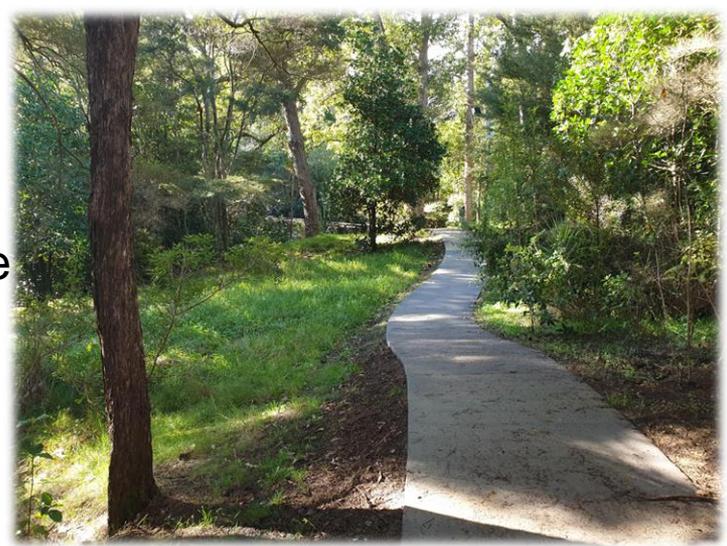
Aggregate surface
with Edge Board

Concrete & Hoggin Path



Hoggin

Concrete



Concrete

Aggregate Surface Path



Aggregate Surface Path



Boxed Steps Path



Boardwalk Bridge Path Surfaces



Boardwalk Path



End