

Auckland Transport Capital Programme

Categorisation
1 Non-Discretionary
2 Prioritised
3 Outside NLTF

**Costs are indicative and
the latest available.**



Project Name	Description	Category	Funding Source	Duration	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31-2033/34	Total 10-yr cost
Renewals & resilience												
\$ millions												
Asset renewals												
Renewals Parking and Other	Asset renewals for parking, airfields, and other assets based on asset condition (not subsidised from NLTF)	1	Local	2024/25 to 2033/34	5.1	6.1	5.9	6.1	6.4	6.6	29.2	65.3
Renewals Public Transport	Asset renewals for public transport assets based on asset condition	1	Local, NLTF	2024/25 to 2033/34	35.0	31.2	37.6	39.1	40.7	42.4	187.3	413.3
Renewals Road Pavement	Asset renewals for road pavement (including surface sealing) based on asset condition	1	Local, NLTF	2024/25 to 2033/34	188.9	257.2	318.4	331.2	344.6	358.5	1584.9	3383.6
Renewals Streets	Asset renewals for non-pavement network assets in the road reserve/carriageway based on asset condition	1	Local, NLTF	2024/25 to 2033/34	93.0	107.8	132.3	137.6	143.2	149.0	658.6	1421.6
Renewals Structures	Asset renewals for bridges, retaining walls, major culverts and other structures based on asset condition	1	Local, NLTF	2024/25 to 2033/34	22.0	24.5	26.1	27.1	28.2	29.4	129.9	287.3
Resilience & adaption												
Flood Response	Works to restore damage to the transport network during the January 2023 floods (slips, bridges, etc)	1	Local, NLTF, Other	2024/25 to 2026/27	57.2	80.0	48.9	-	-	-	-	186.1
Network Discharge Improvements	Aligned with Hikiina te Wero (Environment Action Plan), to install stormwater treatment devices on priority roads/locations to improve quality of run-off	2	Local, NLTF	2024/25 to 2033/34	1.0	1.6	1.2	1.2	1.2	1.3	5.3	12.9
Network Resilience/Adaptation	Planned works to improve network resilience and adaptation e.g. Oakley Creek, Kepa Road	2	Local, NLTF	2025/26 to 2033/34	-	3.8	9.8	12.0	14.3	16.6	91.9	148.4
Street Lighting Safety Improvements	Works to support streetlighting coverage when Vector and Counties Power upgrade from overhead to underground - OHUG Programme	2	Local, NLTF	2025/26 to 2033/34	-	2.1	2.2	2.2	2.3	2.3	9.7	20.8
Unsealed Road Improvements	This project includes surface works to unsealed roads, safety, seal extensions and drainage conditions.	2	Local, NLTF	2024/25 to 2033/34	6.2	6.4	13.0	13.3	13.6	13.8	58.2	124.6

Public transport				\$ millions								
Bus city centre												
Albert and Vincent Street Improvements	Bus priority lanes and a cycleway to improve CBD access for Northwest and other bus routes	2	Local, NLTF	2024/25 to 2027/28	1.0	3.3	2.7	1.7	-	-	-	8.7
Downtown Crossover Bus East Stage1	Bus priority on Customs and Beach streets, and new off-street bus layover at Quay Park	2	Local, NLTF	2024/25 to 2026/27	4.2	9.6	6.5	-	-	-	-	20.3
Downtown Crossover Bus East Stage3	Upgrades and new bus charging to Quay Park bus layover, and bus priority upgrades on Symonds street to access Quay Park layover	2	Local, NLTF	2027/28 to 2029/30	-	-	-	4.4	22.6	6.9	-	34.0
Downtown Crossover Bus West Stage2	Bus priority works in Lower Hobson, Sturdee and Fanshawe streets, and new bus layover at Wynyard Quarter	2	Local, NLTF	2025/26 to 2029/30	-	1.1	12.0	22.2	28.3	17.3	0.0	80.8
Midtown Bus Improvements for CRL	Street upgrade, bus facilities and bus lanes on Wellesley street between Queen Street and Albert Street	1	Local, NLTF	2024/25 to 2025/26	19.6	4.4	-	-	-	-	-	24.0
Midtown Bus Improvements West Stage2	Street upgrade, bus facilities and bus lanes on Wellesley street from Albert Street to Victoria Park Stage2	2	Local, NLTF	2024/25 to 2028/29	1.0	4.3	23.9	22.2	22.6	-	-	74.0
Bus projects												
Airport to Botany Interim Bus Improvements	Interim improvements to the Airport to Botany (A2B) route and to align/connect with the Eastern Busway	2	Local, NLTF	2024/25 to 2029/30	1.0	0.6	1.3	4.1	34.1	11.5	-	52.7
Bus Access and Optimisation Programme	Improving customer experience and bus accessibility with minor changes (such as bus shelters, bus route mitigations, optimising bus operations)	2	Local, NLTF	2024/25 to 2033/34	6.8	16.0	13.0	13.3	15.8	16.2	50.1	131.2
Bus Routes for Climate Action	Infrastructure to support additional bus routes as specified for Climate Action Transport Targeted Rate (CATTR)	2	Local, NLTF	2024/25 to 2029/30	3.1	9.6	13.0	5.5	5.7	5.8	-	42.7
Great North Road Improvements	New cycleway and other infrastructure (bus priority) upgrades on Great North Road	1	Local, NLTF	2024/25	14.8	-	-	-	-	-	-	14.8
Newmarket Bus Layover	New bus facility in Newmarket to improve bus operations and reduce the number of buses parked on streets	2	Local, NLTF	2025/26 to 2026/27	-	6.4	5.1	-	-	-	-	11.5
Northwest Bus Improvements	Bus improvements to support the interim Northwest RTN (WX1) and Westgate station	1	Local	2024/25	10.4	-	-	-	-	-	-	10.4
Panmure Bus Infrastructure Improvements	New facilities in Pamure to improve bus operations	2	Local, NLTF	2025/26 to 2027/28	-	0.1	2.2	5.5	-	-	-	7.8
Regional Bus Charging Infrastructure	Infrastructure to support electric bus charging at strategic locations as the electric fleet grows	2	Local, NLTF	2028/29 to 2032/33	-	-	-	-	9.1	9.2	28.8	47.1

Regional Bus Depots (commercial)	Securing ownership and control of strategic bus depots and charging facilities to manage strategic risks and value for bus operations	2	Local, NLTF	2025/26 to 2030/31	-	0.3	0.3	18.1	50.9	24.2	44.7	138.6
Sylvia Park Bus Improvements	Bus upgrades at Sylvia Park and surrounding area to address access, growing bus frequency/demand and housing intensification	2	Local, NLTF	2027/28 to 2029/30	-	-	-	0.7	1.8	20.3	-	22.8
Ti Rakau Drive Depot Electrification	Infrastructure to charge electric bus fleet at an AT owned depot for running on Eastern Busway and Eastern Auckland	2	Local, NLTF	2027/28	-	-	-	10.5	-	-	-	10.5
Wayfinding for Stations and Bus Information	Improvements to public transport information displays and wayfinding and 'live' information to selected existing stations and bus stops	2	Local, NLTF	2024/25 to 2029/30	5.2	10.7	14.1	14.4	14.7	7.5	-	66.6

Ferry projects

Decarbonisation of Ferries Stage1	New ferries (including 2 electric vessels) and supporting upgrades to specific wharves for charging infrastructure and access	1	Local, NLTF, Other	2024/25 to 2029/30	85.2	84.2	63.5	41.0	7.7	0.2	-	281.9
Decarbonisation of Ferries Stage2	Additional new ferries and supporting infrastructure	2	Local, NLTF	2026/27 to 2023/24	-	-	5.4	33.3	40.7	14.5	5.9	99.8
Ferry Terminal and Berths Pine Harbour	New ferry terminal in Pine Harbour to accommodate larger low emission vessels and charging equipment, and to address wharf arrangements in the Marina	2	Local, NLTF	2024/25 to 2027/28	0.5	4.5	13.0	15.5	4.1	-	-	37.6
Ferry Terminal Bayswater	New ferry terminal in Bayswater to accommodate larger low emission vessels and charging equipment, and to address wharf arrangements in the Marina	2	Local, NLTF	2025/26 to 2029/30	-	0.5	1.1	11.1	17.0	10.3	-	39.9

Rapid transit: Rail projects

EMU Rolling Stock Tranche for CRL	23 new electric multi-units (EMUs) to increase the number of rail fleet in preparation for CRL opening	1	Local, NLTF	2024/25 to 2025/26	173.3	31.4	-	-	-	-	-	204.7
EMU Stabling and Depots for CRL	Additional stabling units and upgraded depot facilities for the rail fleet in preparation for CRL opening	1	Local, NLTF	2024/25 to 2026/27	14.0	12.0	10.0	-	-	-	-	36.0
Karangahape Roadside for CRL	Improvements to streets adjacent to the two new Karangā-Hape station entrances	1	Local, NLTF	2024/25 to 2025/26	12.1	2.7	-	-	-	-	-	14.7
Level Crossings Removal for CRL	Closure of the Church Street East level crossing and improving high priority pedestrian crossings, to support increased rail frequency for CRL	1	Local, NLTF	2024/25 to 2027/28	21.8	29.6	5.4	6.0	-	-	-	62.9
Level Crossings Removal Takanini Stage1	Preparations for rail crossing closures at Takaanini and design/build of three road grade separations and Takaanini station access	2	Local, NLTF	2025/26 to 2032/33	-	3.2	10.9	16.6	17.0	-	-	47.7
Rail ETCS2 Signalling and Driver Assist	Upgrades to rail electric multi-units (EMUs) to support the signalling system (ETCS level 2) when KiwiRail implement this to permit higher frequency trains	2	Local, NLTF	2025/26 to 2033/34	-	3.2	5.4	2.4	2.8	16.6	8.3	38.8
Stations and Wayfinding for CRL	Minor changes and wayfinding updates at existing stations to support CRL Day 1	1	Local, NLTF	2024/25 to 2026/27	2.6	12.8	2.2	-	-	-	-	17.6

Rapid transit access

First-and-final Leg for Top 12 RTN Stations	Increase in the number of stations which are more accessible i.e., safer, step-free with better provision for active modes (footpaths and crossings). This project aims to increase more people travelling on the RTN.	2	Local, NLTF	2025/26 to 2030/31	-	5.3	10.9	11.1	28.3	34.6	23.5	113.7
Investigations for Rapid Transit Integration	Provision to investigate integration to key rapid transit network (RTN) projects such as Northwest, Airport precinct to Botany, Airport precinct to Māngere	2	Local, NLTF	2025/26 to 2032/33	-	1.0	3.5	7.2	11.0	11.3	27.2	61.3
Northern Busway Enhancements	Capacity improvements to support growing demand (station extensions) for the Northern Busway	2	Local, NLTF	2027/28 to 2030/31	-	-	-	4.7	7.9	34.7	37.9	85.2
Park and Ride Programme	Continuation of general improvements to park and ride facilities (e.g. Drury Rail Station) and some expansion where practical	2	Local, NLTF	2025/26 to 2033/34	-	1.0	4.9	25.0	24.4	16.6	17.2	89.1
Public Transport Safety and Amenity	Minor works for public transport facilities/stations and rail platforms, such as Remote Control Station Gatelines, ticket controls, shelter extension	2	Local, NLTF	2024/25 to 2033/34	8.8	11.2	9.8	10.0	10.2	10.4	38.8	99.2
Rosedale Bus Station and Corridor	A new busway station (NX1,2) and multi-mode access improvements to Rosedale Road	2	Local, NLTF	2024/25 to 2027/28	10.3	25.4	33.6	16.0	-	-	-	85.2
Whangaparaoa Bus Station	A new RTN station and depot at Whangaparāoa (Penlink) to support the extension of NX2	2	Local, NLTF	2024/25 to 2028/29	2.1	0.5	3.3	20.0	6.8	-	-	32.6

Urban & cycleways

\$ millions

Cycleways projects

Cycleways Programme (lower cost)	New lower cost cycleways to encourage more cycling, improve safety and travel options, and reduce emissions	2	Local, NLTF	2024/25 to 2033/34	4.6	23.1	27.3	29.4	30.6	28.4	152.3	295.7
Cycling for Climate Action	Deliver new cycleways and cycle facilities to improve transport safety, travel options, and emission reduction as specified for CATTR	2	Local, NLTF	2024/25 to 2028/29	16.6	15.4	22.8	26.8	24.3	-	-	106.0
Mangere West and Westmere Cycleways	Cycleway and links from new Māngere pedestrian bridge area towards the airport, and residual costs from Point Chevalier to Westmere delivery	1	Local, NLTF	2024/25	31.2	-	-	-	-	-	-	31.2
Meadowbank Kohimarama Connectivity Project	Pathway to connect Gowing Drive with the Glenn Innes to Tāmaki Shared Path and Kohimarama (including rail underpass)	2	Local, NLTF	2025/26 to 2026/27	-	17.1	7.6	-	-	-	-	24.7
Urban Cycleways GI to Tamaki Drive Stage4	Connection (boardwalk) for the Glen Innes to Tamaki Shared Path (Stage 4 Ōrākei to Tāmaki Drive)	2	Local, NLTF	2024/25 to 2025/26	27.5	18.5	-	-	-	-	-	45.9
Urban Cycleways Glen Innes Links	Local cycle connections within Glen Innes and linking to Glen Innes to Tāmaki Shared Path	2	Local, NLTF	2024/25	6.4	-	-	-	-	-	-	6.4

Priority growth areas

Auckland Housing Programme Improvements	Upgrades to roads/paths/intersections to support Council's housing priority areas and improve travel choices	2	Local, NLTF, Other	2024/25 to 2033/34	6.6	11.4	25.7	23.3	23.8	24.2	84.9	199.9
Carrington Road Improvements	Corridor upgrade to support 4,000 new housing development with bus priority lanes and separated walking and cycling facilities in parts of Carrington Rd in the Unitec area	2	Local, Other	2024/25 to 2027/28	4.4	33.0	42.4	42.1	-	-	-	122.0
Drury Local Road Improvements	New and improved multi-mode roads/paths/intersections (arterials and collectors) to support Council priority growth areas	2	Local, NLTF	2024/25 to 2033/34	20.8	0.5	1.4	2.8	8.5	8.7	54.8	97.4
Kainga Ora Joint Programme (alternate funding)	Upgrades to roads/paths/intersections to support Council priority (Kāinga Ora including Tāmaki) areas and improve travel choices	2	Local, NLTF, Other	2026/27 to 2033/34	-	-	40.0	40.0	60.0	60.0	273.0	473.0
Northwest Growth Improvements	New and improved multi-mode roads/paths/intersections (arterials and collectors) to support Council priority growth areas	2	Local, NLTF	2025/26 to 2033/34	-	0.3	1.4	4.2	7.9	6.9	30.2	50.8
Wainui and Redhills Growth Improvements	Completion of agreements to co-fund developers in the Wainui and Redhills areas to deliver transport infrastructure to support growth	2	Local, Other	2024/25 to 2027/28	14.0	9.4	9.8	8.6	6.2	-	-	48.0
Wynyard Quarter Integrated Road Programme	Improvements around Beaumont street and Westhaven Drive	2	Local	2024/25 to 2030/31	0.5	0.5	1.1	5.5	11.3	17.3	11.8	48.1

Priority for growth

Property for Route Protection and Encroachments	Provision to resolve obligations to acquire land (under Public Works Act/hardship) for road designations and encroachments, where there is no active project	2	Local	2024/25 to 2033/34	26.0	26.7	27.7	28.3	28.8	29.4	123.7	290.6
Supporting Growth Post Lodgement (AT)	Services from the Support Growth Alliance to support designations and other post-lodgement activities	1	Local, NLTF	2024/25 to 2026/27	16.0	12.6	6.6	-	-	-	-	35.2

Rapid transit: Eastern Busway

Botany Interchange and Link	Eastern Busway Stage 4B, preparations for Botany Interchange (connecting with planned A2B)	2	Local, NLTF, Other	2027/28 to 2031/32	-	-	1.8	10.1	6.9	8.4	13.6	40.7
Eastern Busway Pakuranga to Botany	Eastern Busway Stages 2 and 3, as approved for construction. This project includes busways and associated improvement works (e.g. flyover) as well as interim Stage 4A.	1	Local, NLTF	2024/25 to 2027/28	264.4	229.2	129.4	85.7	-	-	-	708.7

Network & safety					\$ millions							
Community response												
Community Cycling and Micromobility	Small scale projects to improve local cycling connections, bike facilities, and some protection for cycling routes	2	Local, NLTF	2024/25 to 2033/34	9.4	8.1	7.1	7.2	7.4	7.5	30.8	77.4
Community Footpaths Programme	New and widened footpaths across Auckland as a response to community requests	2	Local, NLTF	2024/25 to 2033/34	4.2	4.3	5.4	5.5	5.7	5.8	24.3	55.1
Community Network Improvements	Prioritised small-scale projects (traffic lights, crossings, traffic calming, etc) responding to issues raised by communities and local boards	2	Local, NLTF	2024/25 to 2033/34	21.8	22.4	22.8	23.3	23.8	23.1	97.0	234.2
Walking for Climate Action	New and improved footpaths and walkways (with the first three years focusing on the Manurewa area) as specified for CATTR	2	Local, NLTF	2024/25 to 2030/31	3.1	11.9	17.4	17.7	12.7	14.9	6.8	84.6
Local board priority												
Local Board Transport Capital Fund	Small-scale projects for each of 21 Local Boards, prioritised locally with investments such as active mode upgrades and safety measures	2	Local, NLTF	2024/25 to 2033/34	19.8	21.3	21.7	22.2	22.6	23.1	97.0	227.7
Matiatia Landside (Park and Ride)	Upgrades to the Matiatia area (Waiheke Island) include road improvements to the terminal, wider footpaths, dedicated mobility parking and walking and cycling facilities. The project also includes improved stormwater management and wayfindings.	2	Local, NLTF	2026/27 to 2028/29	-	-	1.1	13.3	10.2	-	-	24.6
Projects for Franklin Paths Targeted Rate	Upgrades driven and funded by the Franklin Local Board, including bus facilities, improved services and footpaths	1	Local, NLTF	2025/26 to 2033/34	-	1.3	1.3	1.3	1.4	1.4	5.8	12.5
Projects for Rodney Transport Targeted Rate	Upgrades driven and funded by the Rodney Local Board, including bus facilities, improved services and footpaths	1	Local, NLTF	2024/25 to 2027/28	3.1	8.5	2.2	0.6	-	-	-	14.4
Network optimisation												
Bus and Transit Lanes programme (dynamic lanes)	Corridor/arterial improvements to optimise multi-mode traffic, safety and bus priority (such as extended transit/dynamic lanes, etc)	2	Local, NLTF	2026/27 to 2033/34	-	-	4.3	10.0	13.6	34.6	145.5	208.1
Freight Network Improvements	Aligned with the Network Optimisation programme, this project focuses on specific interventions on the freight network such as HOV lanes.	2	Local, NLTF	2024/25 to 2023/24	1.0	2.1	3.3	6.7	6.8	6.9	30.4	57.2
Glenvar Road/East Coast Road Intersection	Intersection upgrade to improve multi-mode performance (safety, intersection optimisation, active modes, and bus)	2	Local, NLTF	2025/26 to 2027/28	-	1.4	12.0	39.9	-	-	-	53.3
Hill Street Intersection Improvement	Upgrade to the Hill Street intersection in Warkworth with walking and cycling facilities	2	Local, NLTF	2024/25 to 2026/27	14.6	4.1	1.1	-	-	-	-	19.7

Intelligent Transport Systems	Delivery of advanced technology solutions for various transport modes and traffic management, enhancing safety, efficiency and network optimisation	2	Local, NLTF	2024/25 to 2033/34	5.2	7.5	7.6	5.5	7.0	7.1	33.6	73.5
Lake Road/Esmonde Road Improvements	Corridor upgrade to improve active modes, safety, intersection optimisation and support public transport	2	Local, NLTF	2026/27 to 2030/31	-	-	1.1	3.3	19.6	18.5	9.6	52.1
Network Operations (ATOC) Programme	Network operation priorities such as destination signage, transforming ATOC for future network and increasing in incidents and planned events	2	Local, NLTF	2024/25 to 2033/34	1.7	1.9	2.0	1.4	1.5	1.5	4.3	14.3
Network Optimisation	Optimising the network and road space usage with minor changes such as special vehicle lanes, sensors/timing, smart technology	2	Local, NLTF	2024/25 to 2033/34	12.5	12.8	13.0	20.8	21.2	21.6	94.3	196.3
Time-of-use Programme (congestion)	System and infrastructure to enable congestion charging		Local, NLTF,	to 2027/28	4.4	76.7	28.9	48.5	-	-	-	158.5

Parking & other

Parking Programme	Parking improvements and support for parking revenues, including parking permits, on and off street paid parking and enforcement	2	Local	2024/25 to 2033/34	3.6	4.3	7.1	7.2	7.4	7.5	24.2	61.2
Room to Move Programme	Prioritisation of space in corridors and parking revenues based on new Comprehensive Parking Management Plans across Auckland	2	Local, NLTF	2024/25 to 2033/34	2.6	2.7	2.5	3.3	2.3	4.0	6.8	24.2

Road safety

Marae and Papakainga (Turnouts) safety programme	Improving safety and accessibility to Marae and papakāinga sites - similar approach to the Road Safety Programme	1	Local	2024/25 to 2033/34	1.0	1.7	1.7	1.7	1.8	1.8	7.5	17.2
Road Safety Programme	Projects to support reducing Deaths and Serious Injuries (Vision Zero). Mainly improving safety for vulnerable road users, pedestrian/cyclist safety and high risk intersections across Auckland	2	Local, NLTF	2024/25 to 2033/34	37.0	51.2	58.1	59.2	60.4	61.6	224.2	551.8
Safe Speeds programme	Speed management improvements, predominately reducing vehicle speeds near schools	2	Local, NLTF	2024/25 to 2033/34	3.8	7.8	7.9	8.1	8.3	8.4	35.4	79.7

Technology & change

\$ millions

Asset renewals

Core Technology and Renewals	Technology upgrades and IT asset renewals. This project provides a security system for AT's IT network, data, and applications as well as renewing customer-facing assets (e.g. CCTV cameras, traffic light control hardware, and communications infrastructure).	1	Local, NLTF	2024/25 to 2033/34	14.0	14.4	15.8	18.9	19.8	20.2	92.2	195.2
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NZ Transport Agency Capital Programme

Categorisation
1 Non-Discretionary
2 Prioritised
3 Outside NLTF

**Costs are indicative and
the latest available.**



Project Name	Description	Category	Funding Source	Duration	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31-2033/34	Total 10-yr Cost (\$m)
Safety												
Auckland Share VFM Safety Improvements Programme	Specific safety improvements across the Auckland State Highway network that aren't addressed through other projects and programmes	2	NLTF	2024/25 to 2033/34	1.5	1.5	1.5	1.5	1.5	1.5	6.0	15.1
Motorway Bridge Safety Screens	Safety screens for State Highway 1 overbridges to prevent objects and self harm	2	NLTF	2030/31 to 2033/34	0.0	0.0	0.0	0.0	0.0	0.0	21.8	21.8
SH16 Brigham creek to Waimauku Safety Works	SH16 safety improvements between Brigham Creek and Waimauku including road and bridge widening, service undergrounding and installation of median and roadside barriers	1	NLTF	2024/25 to 2026/27	33.0	6.0	15.0	0.0	0.0	0.0	0.0	54.0
Rapid Transit												
Northwest Rapid Transit	Providing a rapid transit corridor linking North West Auckland to the City Centre	2	NLTF	2024/25 to 2033/34	163.5	230.2	240.8	267.2	315.4	450.2	2,637.2	4,304.4
SH16 Westgate & Brigham Stations	Development of interim bus station at Westgate to support Western Express services and growth. First stage of delivering the North West Rapid Transit solution.	1	Crown	2024/25	54.5	0.0	0.0	0.0	0.0	0.0	0.0	54.5
SH18 Upper Harbour Rapid Transit	Rapid Transit services between Northwest Growth Area and Albany and connecting key RTN corridors (Northern and Northwest RTN)	2	NLTF	2028/29 to 2029/30	0.0	0.0	0.0	2.8	5.8	6.0	27.3	41.9
SH20 Airport to Botany	Horizon 3 includes Airport to Botany RTN programme and complementary measures including new ramp from SH20B to SH20 south enabling A2B. A2B is currently in route-protection phase (led by the Supporting Growth Alliance). Notices of requirement (NOR) have either been completed or in progress and the programme will be delivered in partnership with AT	2	NLTF	2024/25 to 2033/34	0.0	0.0	5.3	5.3	5.3	27.0	346.7	389.6

Operational Capital Programmes													
Auckland Network Optimisation Programme	Optimisation and efficiency measures to improve system operation, safety and resilience	2	NLTF	2025/25 to 2033/34	0.0	20.7	20.7	20.7	20.7	20.7	62.1	165.7	
Auckland Noise Mitigation - Programme	General Noise Mitigation	2	NLTF	2033/34	0.0	0.0	0.0	0.0	0.0	0.0	16.4	16.4	
Auckland Noise Mitigation - Consent conditions	Noise Mitigation from consent conditions	2	NLTF	2026/27 to 2028/29	0.0	6.8	14.0	24.3	0.0	0.0	0.0	45.0	
Auckland Share Data Driven Structure Asset Management	The new structures asset management framework includes the production of a collection of processes that will capture and assess risks in a comprehensive and consistent manner, and forecast maintenance and renewals costs in an accurate manner.	2	NLTF	2024/25 to 2026/27	0.4	0.7	0.1	0.0	0.0	0.0	0.0	1.3	
Auckland Share Digital engineering/ BIM	Digital Engineering may be defined as the use made of the convergence of emerging technologies such as Building Information Modelling (BIM), Geographic Information Systems (GIS) Asset Management Information Systems (AMIS) and related systems to derive better business, project and asset management outcomes. Digital Engineering is about capturing, sharing, analysing and presenting digital asset information that provides the evidence for asset management decisions.	2	NLTF	2024/25 to 2029/30	1.3	0.9	0.9	1.0	1.0	1.0	0.0	6.3	
Auckland Share Environmental PBC	Applying a national approach to environmental practices such as fish passage, stormwater management etc	2	NLTF	2024/25 to 2026/27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
Crown Resilience Low Cost Risk Programme	Crown allocation for proactive resilience Low Cost Low Risk activities over four years. To be managed and prioritised to target resilience at high risk sites.	1	Crown	2025/26	0.0	3.3	0.0	0.0	0.0	0.0	0.0	3.3	
Auckland System Planning	Region wide planning for the State Highway Network	2	NLTF	2024/25 to 2026/27	1.2	2.4	0.0	0.0	0.0	0.0	0.0	3.6	
Debt Repayment	Government debt repayment on the Southern Corridor Improvement & SH20A to Airport projects	1	NLTF	2024/25 to 2026/27	117.0	118.0	118.0	0.0	0.0	0.0	0.0	353.0	
Low Cost Low Risk improvements 2024-27	Low Cost Low Risk projects are improvements projects (construction or implementation) with a total approved cost of up to \$2m for each project.	2	NLTF	2024/25 to 2026/27	8.0	8.0	8.0	0.0	0.0	0.0	0.0	24.0	
Northwestern WX1 Other Works	Bus improvements to support the interim Northwest RTN (WX1) and Westgate Station	1	NLTF	2024/25	5.5	0.0	0.0	0.0	0.0	0.0	0.0	5.5	
Puhoi to Warkworth repayment	PPP payments on the Puhoi to Warkworth project	1	NLTF	2024/25 to 2026/27	97.0	97.0	97.0	97.0	97.0	97.0	388.0	970.0	

SH1 Dome Valley & Surrounds Slip & Flood Management	Crown funded resilience works for State Highway 1 Dome Valley to manage flooding and slips. Rebuilding of roading infrastructure damaged by 2023 cyclone and weather events	2	Crown	2024/25 to 2029/30	41.4	38.2	32.7	32.7	32.7	29.4	0.0	207.1
SH1 Drury CVRSC	CVSCs, once called Weigh Stations, are sites where officers can safely carry out thorough inspections. They are being installed on high-volume routes throughout Aotearoa one of these locations is in Drury.	2	NLTF	2027/28 to 2028/29	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.4
Weigh Right Albany	Weigh Stations are sites where officers can safely carry out thorough inspections. They are being installed on high-volume routes throughout Aotearoa one of these locations is Albany	2	NLTF	2024/25 to 2025/26	11.2	3.5	0.0	0.0	0.0	0.0	0.0	14.7
Weigh Right Stanley St	Weigh Stations are sites where officers can safely carry out thorough inspections. They are being installed on high-volume routes throughout Aotearoa one of these locations is Stanley St, Parnell	1	NLTF	2024/25	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0
Weigh Right Bombay	Weigh Stations are sites where officers can safely carry out thorough inspections. They are being installed on high-volume routes throughout Aotearoa one of these locations is Bombay	1	NLTF	2024/25 to 2025/26	12.0	4.0	0.0	0.0	0.0	0.0	0.0	16.0

Mode Choice

Cross Town Rapid Transit New Lynn to Onehunga	Cross isthmus Rapid Transit services have not yet been adequately assessed as part of the RTN story in Auckland. Arataki 30-year view (Land Transport Modes and Networks) identifies this as needing investigation. With growth expected to be more widespread as well as concentrated in key locations in the Central Isthmus there is a need to identify at a high level the nature, extent and requirement for such a corridor, the benefits (outcomes) delivered and an implementation pathway.	2	NLTF	2027/28	0.0	0.0	0.0	7.1	0.0	0.0	0.0	7.1
Strategic multimodal connections and Crossings	Resilience supporting multi modal solutions through the creation of green bridges across the State Highway network	2	NLTF	2027/28 & 2030/31 to 2033/34	0.0	0.0	0.0	3.7	0.0	0.0	8.2	11.9

Mill Road	Upgrade of the Mill Road corridor (Redoubt Road, Mill Road and a portion of Murphys Road) to four lanes with walking and cycling facilities	2	NLTF	2025/26 to 2030/34	0.0	28.1	79.0	120.4	86.9	149.9	1,068.2	1,532.6
North West Alternate State Highway	Four lane State Highway between Brigham Creek and Fosters Road in Huapai, Interchanges at Brigham Creek and Tawa Road and separated cycleway facilities	2	NLTF	2030/31 to 2033/34	0.0	0.0	0.0	0.0	0.0	0.0	84.8	84.8
SH1 Drury to Bombay (Route Protection)	Route protecting for additional motorway lanes in both the north and southbound directions and future interchange improvements at Rama and Bombay	2	NLTF	2024/25 to 2030/34	4.6	10.6	6.7	5.3	8.5	10.6	180.5	226.9
SH1 Warkworth to Wellsford	A new State Highway, offline from the existing SH1, Twin boreholes under Kraack Road in the Dome Valley, a viaduct over Hoteo River and associated works	2	NLTF	2024/25 to 2030/34	79.5	79.5	216.6	411.1	411.1	411.1	1,370.3	2,979.3
State Highway planning in response to port future	To better understand the likely land transport implications of possible major changes to the upper North Island's Port network, regarding land transport: Investment implications (timing and nature and cost of potential future upgrades to the land transport system)	2	NLTF	2024/25 to 2025/26	2.4	3.6	0.0	0.0	0.0	0.0	0.0	6.0
Waitemata Harbour Connections	Upgrading the Northern Busway stations and constructing an active mode path between Constellation Drive and Akoranga Drive. Constructing roading tunnels for three lanes in each direction - between Akoranga Drive and the Central Motorway Junction - to address resilience and allow for multimodal connections. Completing significant maintenance upgrades to the existing Auckland Harbour Bridge (AHB); raising SH1 to protect it from sea level rise inundation; constructing dedicated bus priority from the Akoranga Station across the AHB to the City Centre	2	NLTF	2024/25 to 2030/34	76.3	82.7	78.7	656.6	622.5	882.9	4,850.5	7,250.2

Maintenance, Operations and Renewals

Auckland Share Pre-imp 2027-30 Bridge Rep	38 bridges on the State Highway network are currently over 100 years old, and this is set to increase to more than 260 by 2030. There is a need form the pipeline of this improvements activity ahead of the next NLTP for EOL bridge replacements.	2	NLTF	2024/25 to 2026/27	0.6	0.8	0.6	0.0	0.0	0.0	0.0	2.1
State highway Maintenance, Operations and renewals	State Highway maintenance, operations and renewals	1	NLTF	2024/25 to 2030/34	285.1	282.9	276.9	366.2	378.6	396.0	1,720.9	3,706.7
NZ Transport agency total					1,140.0	1,176.6	1,364.9	2,219.6	2,224.9	2,710.7	13,861.6	24,698.3

CRL Day One - Resilience and Asset Maintenance Programme - Integrated rail management centre and emergency management systems	Enabling completion of an Auckland Control Centre for all aspects of the Auckland network to be managed from Auckland, improving coordination, resilience and reliability.	1	NLTF	2024/25	8.8	0.0	0.0	0.0	0.0	0.0	0.0	8.8
ETCS Level 2 - implementation and signalling optimisation	Commencement of implementation of ETCS Level 2 signalling improvements in Auckland to maximise productivity of the existing system and support resilience.	2	NLTF	2027/28 to 2033/34	0.0	0.0	0.0	18.5	47.5	65.9	73.0	204.9
KiwiRail strategic future planning	Continuation of strategic future planning for the future development and long-term requirements of the Auckland network. This includes input into regional and all of government projects and policy initiatives, business case and feasibility study development, urban development, and stakeholder engagement.	2	NLTF	2024/25 to 2033/34	5.4	5.5	5.7	5.8	5.9	6.1	25.5	59.9
Level crossing signal optimisation	Signal replacement and repositioning required after level crossings are removed prior to the implementation of ETCS Level 2. This is required to realise the rail benefits of level crossing removals especially near stations.	2	NLTF	2027/28 to 2032/33	0.0	0.0	0.0	7.8	8.0	8.1	21.5	45.4
Level crossings upgrades, grade separation and removal programme (Auckland)	KiwiRail's engineering design and modelling to support AT's level crossing programme in Auckland. Options could include grade separations through over and under-passes, more barrier arms and other safety measures, and some outright closures.	2	NLTF	2024/25 to 2026/27	2.2	2.8	4.6	0.0	0.0	0.0	0.0	9.6
Mid-zone power feed replacement	Replacement of existing power feed and other upgrades to traction power supply capacity, to meet demand from increased metro services and conversion to electric freight.	2	NLTF	2030/31 to 2033/34	0.0	0.0	0.0	0.0	0.0	0.0	25.6	25.6
New southern power feed	Further SFC installation and upgrades to traction power supply capacity to meet demand from increased metro services and conversion to electric freight.	2	NLTF	2032/33 to 2033/34	0.0	0.0	0.0	0.0	0.0	0.0	15.1	15.1
Property for passenger fleet stabling	Expansion of stabling for inter-regional fleet and metro fleet (if required), including construction and any additional property needed	2	NLTF	2030/31 to 2033/34	0.0	0.0	0.0	0.0	0.0	0.0	20.8	20.8
Progressive fencing	Continuation of fencing of the network to support efficient network operation by increasing the safety and security of the network and reducing the risk of track incursions that can create disruptions.	2	NLTF	2024/25 to 2033/34	2.6	2.2	2.3	2.3	2.4	2.4	10.2	24.4
(1) Single-line running switches	Continuation of a switch implementation programme started by W2QP and RNGIM that allows single-line running during maintenance windows. This is necessary to extend the maintenance window and improve productivity.	2	NLTF	2024/25 to 2033/34	3.5	1.8	1.6	1.6	2.0	1.7	3.8	16.0

Department of Conservation Capital Programme

Costs are indicative and the latest available.



Project Name	Description	Category	Funding Source	Duration	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31-2033/34	Total 10-yr Cost (\$th)
Department of Conservation Projects					\$ thousands							
Local Road Improvements					0	0	0	0	0	0	0	0.0
Local Road Maintenance				to 2033/34	5.3	5.3	5.3	5.3	5.3	5.3	21.2	53.0

NZ Upgrade Programme Capital Projects

Costs are indicative and the latest available.

Project name	Description	Delivery Agency	Funding source	Total 10-yr cost (\$m)
KiwiRail Improvements Projects				
Drury Stations	Construction of three new rail stations at Drury Central, Drury West and Paerata and the associated bus interchange, park and ride facilities and connecting roads.	KiwiRail	NZUP	446.2
Papakura to Pukekohe Electrification	Electrification of 19km of track between Papakura and Pukekohe, including installation of overhead equipment, a new traction power feed and signalling upgrades.	KiwiRail	NZUP	61.9
Wiri to Quay Park	Provides a third rail (third main) to ease the bottleneck between Wiri and Westfield, increase capacity around Westfield Junction and improve rail access to the Ports of Auckland at Quay Park.	KiwiRail	NZUP	38.0
Penlink	A new transport link between SH1 and Whangaparaoa Peninsula. A separated, shared walking and cycling lane adjacent to the new state highway will provide travel choice for those living in or visiting the peninsula.	NZTA	NZUP	559.0
State Highway 1 Papakura to Drury Stage One	Part of the Papakura to Bombay project, this is implementation of SH1 improvements from Papakura to Drury South, widening the highway to three lanes in each direction to provide better travel time reliability.	NZTA	NZUP	401.0
Investment in Drury	Package of works to provide more transport choices, connect people to Drury Railway Station, and support the development of additional housing (incl. Waihoehoe Road upgrade)	NZTA	NZUP	285.0
NZ Upgrade Total				1791.1

Other projects considered by RLTP for NLTF funding

Agency	Project	Category	Agency	Project	Category
AT	EMU Rolling Stock Tranche4	3	AT	Drury Rail Stations (additional to NZUP)	3
AT	EMU Stabling and Depots Tranche4	3	AT	Takanini Rail Station Upgrade	3
AT	Ferry Maintenance and Charging Depot	3	AT	Britomart Bay Platform and Egress Capacity	3
AT	Level Crossings Investigation and Protection	3	AT	Lincoln Road Corridor Improvements	3
AT	Henderson to Constellation Rapid Transit	3	AT	Median Barrier Acceleration Programme	3
AT	Glen Innes Station Underpass Improvement	3	AT	Murphys Road Corridor Improvement	3
AT	City Centre Access for Everyone Programme	3	AT	New North Road Corridor	3
AT	Cycleway Connections Programme	3	AT	Half Moon Bay Vehicle Terminal Upgrade	3
AT	Eastern Busway Integration -future Dependencies	3	AT	Residential Speed Management	3
AT	Middlemore Rail Station Upgrade	3	AT	Seismic Strengthening Programme	3
AT	Harbour Crossing -future Network Dependencies	3	AT	Smales Allens Road Widening and Intersection Upgrade	3
AT	Northwest RTN -future Network Dependencies	3	AT	Supporting Electric Vehicles	3
AT	Environmental Sustainability Infrastructure	3	AT	Unplanned Natural Events	3
AT	First-and-final Leg for Tier2 RTN Stations	3	AT	Urban Cycleways Waitemata Safe Routes	3

AT	Vaughans Road and Okura Improvement	3
AT	Waiheke Ten-Year Transport Plan	3
AT	Walking Connections Programme	3
AT	Whangaparaoa Road Transition to Penlink	3
AT	Rail Station Capacity Programme	3
AT	Devonport Terminal Upgrade Stage3	3
AT	Downtown Bus Stops and Footpaths	3
AT	Point Chev Towncentre Layover	3
AT	Wayfinding for Cycling Improvements	3
AT	Henderson Rail-Bus Station Improvements	3

Auckland Regional Land Transport Plan

2024-2034

KEY STRATEGIC PROJECTS AND PROGRAMMES

Some programmes to be mapped in final version



- 1 SH1 Dome Valley & Surrounds Slip & Flood Management (NZTA)
- 2 SH1 Warkworth to Wellsford (NZTA)
- 3 Whangaparāoa Bus Station (AT)
- 4 Puhoi to Warkworth repayment (NZTA)
- 5 Wainui & Red Hills Growth Improvements (AT)
- 6 Penlink (Waka Kotahi/NZUP)
- 7 Glenvar Road/East Coast Road intersection improvements (AT)
- 8 Weigh Right Albany (NZTA)
- 9 Rosedale Bus Station and Corridor (AT)
- 10 SH18 Upper Harbour Rapid Transit (NZTA)
- 11 Northern Busway Enhancements (AT)
- 12 SH16 Brigham Creek to Waimauku Safety Works (NZTA)
- 13 North West Alternate State Highway (NZTA)
- 14 SH18 Squadron Drive Interchange Upgrade (NZTA)
- 15 Greenfield transport infrastructure - Northwest (AT) and Northwest Growth Improvements (AT)
- 16 Northwest Rapid Transit and interim works (NZTA/AT)
- 17 Newmarket Bus Layover (AT)
- 18 Great North Road Improvements (AT)
- 19 Projects Supporting Auckland Housing Programme (Oranga) (AT)
- 20 Waitemātā Harbour Connections (NZTA)
- 21 Lake Road/Esmonde Road Improvements (AT)
- 22 Ferry Terminal and Berths Bayswater (AT)
- 23 Matiatia Park and Ride (AT)
- 24 Urban Cycleways Glen Innes to Tamaki Cycleway Stage 4 (AT)
- 25 Urban Cycleways Glen Innes Links (AT)
- 26 Ferry Terminal and Berths Pine Harbour (AT)
- 27 Meadowbank Kohimarama Connectivity Project (AT)
- 28 Projects Supporting Auckland Housing Programme Improvements (Tamaki) (AT)
- 29 Eastern Busway Pakuranga to Botany (AT)
- 30 Sylvia Park Bus Improvements (AT)
- 31 Avondale to Southdown (KiwiRail)
- 32 Projects Supporting Auckland Housing Programme Improvements (Mt Roskill) (AT)
- 33 Cross Town Rapid Transit New Lynn to Onehunga (NZTA)
- 34 Māngere West and Westmere Cycleways (AT)
- 35 Projects Supporting Auckland Housing Programme Improvements (Mangere) (AT)
- 36 East West Link
- 37 Wiri to Quay Park (KiwiRail/NZUP)
- 38 Botany Interchange & Link (AT)
- 39 Airport to Botany Interm Bus Improvements (AT)
- 40 Panmure Bus Infrastructure Improvements (AT)
- 41 Ti Rakau Drive Depot Electrification (AT)
- 42 SH20 Airport to Botany (NZTA)
- 43 Mill Road (NZTA/NZUP)
- 44 SH22 Drury Upgrade (NZTA)
- 45 Investment in Drury Network (NZTA/NZUP)
- 46 SH1 Papakura to Drury South Stage One (NZTA/NZUP)
- 47 SH1 Drury to Bombay (route protection)
- 48 Drury Stations (KiwiRail / NZUP)
- 49 Drury Local Road Improvements (AT)
- 50 Papakura to Pukekohe Electrification (KiwiRail/NZUP)
- 51 4 Tracking Westfield to Pukekohe (KiwiRail)
- 52 SH1 Drury CVRSC (NZTA)
- 53 Weigh Right Bombay (NZTA)
- 54 Downtown Crossover Bus Facilities (AT)
- 55 Wynyard Quarter Integrated Road Programme (AT)
- 56 Midtown Bus Improvements (AT)
- 57 Albert and Vincent Street Bus Priority Improvements (AT)
- 58 City Rail Link (CRL) and Day One projects (AT)
- 59 Weigh Right Stanley Street (NZTA)
- 60 Carrington Road Improvements (AT)
- 61 Level Crossing Removal Takaanini Stage One (AT)
- 62 Deconbonisation of Ferries Stage 1 (AT)
- 63 Hill Street Intersection Improvement (AT)

Key Regional Programmes

- A Cycleways Programmes (AT)
- B Network Optimisation Programmes (AT/NZTA)
- C Bus Access and Optimisation Programme (AT)
- D Bus and Transit Lanes Programme (Dynamic Lanes) (AT)
- E Flood Response (AT)
- F Freight Network Improvements (AT)
- G Local Board Transport Capital Fund (AT)
- H Marae and Papakainga (turnouts) Safety Programme (AT)
- I Parking Programmes (AT)
- J Time-of-use Programme (congestion) (AT)
- K Unsealed Road Improvements (AT)
- L Road Safety Improvement Programmes (AT/NZTA)
- M Various Rail Network Improvements (AT/KiwiRail)

Key

- Corridor
- Interchange
- Improvement
- Bus and Ferry
- Interchange
- Improvement
- Rail
- Interchange
- Improvement
- Active
- Improvement

