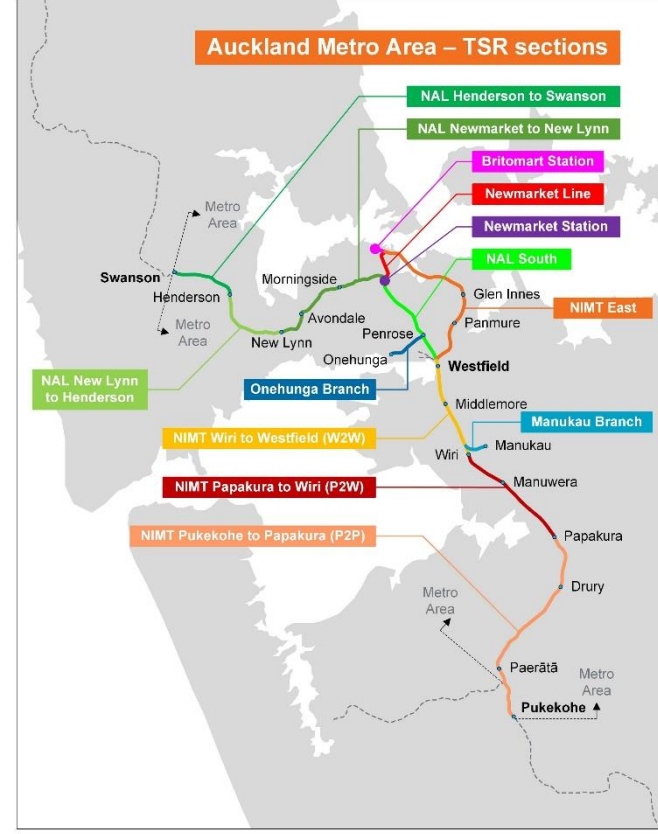
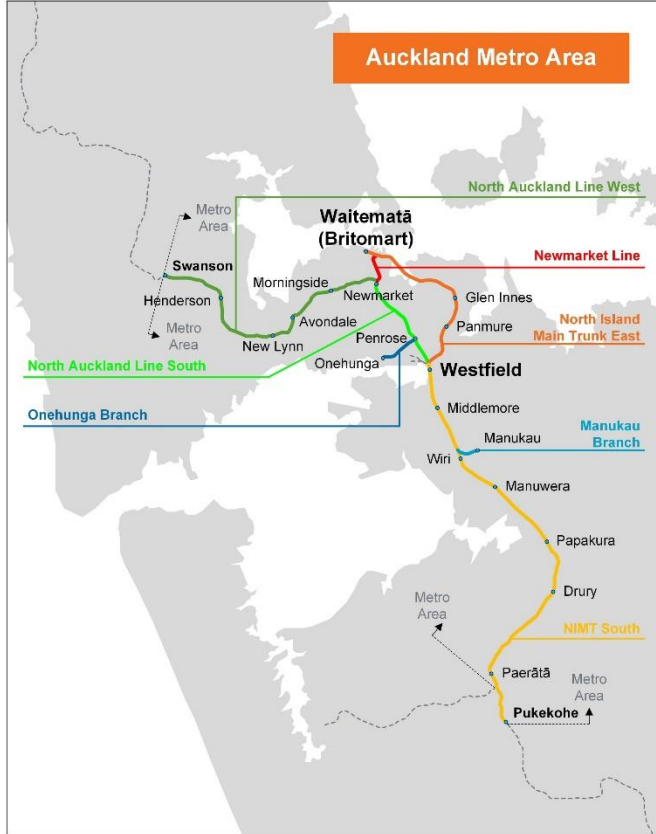




# Auckland Metro proposed On-time Renewals by Line Section

# Auckland Metro Network Map



# Auckland Metro FY25 Renewals



Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Fastenings	Delkor eggs in Britomart tunnel	Overtime	BOL	RNGIM Delivery Team + Contractors + BAU
Overhead Line Equipment	Replacement of damaged section insulators	Overtime	BOL	BAU + Contractors



# Auckland Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Level Crossing	Level Crossing upgrade at Metcalfe Road	Ontime	BOL	RNGIM Delivery Team + Contractors + BAU
Formation	Level Crossing upgrade at Metcalfe Road	Ontime	BOL	RNGIM Delivery Team + Contractors + BAU
Drainage	Level Crossing upgrade at Metcalfe Road	Ontime	BOL	RNGIM Delivery Team + Contractors + BAU
Ballast	Level Crossing upgrade at Metcalfe Road	Ontime	BOL	RNGIM Delivery Team + Contractors + BAU
Retaining Wall	Retaining Wall upgrade at NAL 24+269	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU



# Auckland Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Points Equipment	Associated works with Newmarket Diamond upgrade	Overtime	BOL	BAU + Contractors
Earthing	Earth grid upgrade for access and isolation requirements	Overtime	BOL	BAU + Contractors
Interlocking Systems	Battery replacement due to age and deterioration	Overtime	BOL	BAU + Contractors
Active Level Crossing Equipment	Pedestrian Level Crossing and mechanisms upgrade	Overtime	BOL	BAU + Contractors



# Auckland Metro FY25 Renewals



Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Sleepers	Poor condition sleeper on Bridge 5	Ontime	BOL	RNGIM Delivery Team + Contractors + BAU
Sleepers	Poor condition sleeper on Bridge 10	Ontime	BOL	RNGIM Delivery Team + Contractors + BAU
Earthing	Earth grid upgrade for access and isolation requirements	Ontime	BOL	BAU + Contractors
Line Side Equipment	Network switch replacement due to age	Ontime	BOL	BAU + Contractors
Culverts	Culvert replacement between Penrose and Newmarket	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU



# Auckland Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Fastenings	Delkor eggs in Newmarket Triangle	Ontime	BOL	BAU + Contractors
Sleepers	Poor condition sleeper on Bridge 8 above Ronayne St, Parnell	Ontime	BOL	RNGIM Delivery Team + Contractors + BAU
Substations	Installation of water pump, AC unit and emergency generator for resilience in the NWMKT TCS	Ontime	BOL	BAU + Contractors
Points Equipment	Associated works with Newmarket Diamond upgrade	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Tunnel	Tunnel lining upgrade for Parnell Tunnel 1 NWMKT for structural integrity	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Bridge	Strengthening NWMKT Bridge 6 for structural integrity	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU



# Auckland Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Turnout	Destress associated with turnout replacement	Overtime	BOL	RNGIM Delivery Team + Contractors + BAU
Sleepers	Poor condition sleeper on Bridge 387 along Tamaki Dr before the Parnell pool	Overtime	BOL	RNGIM Delivery Team + Contractors + BAU
Substations	Installation of water pump, and arc flash monitoring for resilience in the Westfield TCS	Overtime	BOL	BAU + Contractors
Sleepers	Poor condition sleeper on Bridge 387 along Tamaki Dr before the Parnell pool	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Slopes	Unmitigated slope at NIMT embankment 678	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Tunnel	Tunnel lining upgrade for Purewa Tunnel 19 NIMT for structural integrity	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU





# Auckland Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Sleepers	Takanini resleepering associated with formation	Overtime	SLR	RNGIM Delivery Team + Contractors + BAU
Substations	Installation of water pump, fencing and monitoring for resilience in the Wiri TCS	Overtime	BOL	BAU + Contractors
Sleepers	Poor condition sleeper on Bridge 338	Overtime	BOL	RNGIM Delivery Team + Contractors + BAU
Turnout	Turnout 2253B replacement at NIMT 646+616 due to condition	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Points Equipment	Associated works with Turnout 2253B replacement	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Formation	Associated works with Turnout 2253B replacement	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Drainage	Associated works with Turnout 2253B replacement	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Formation	Formation replacement between 646.653 and 657.514	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Drainage	Subsurface drainage renewals between 652.108 and 652.884	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU



# Auckland Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Overhead Line Equipment	Realignment of wire across the bridges/footpaths and level crossing within the area	On-time	BOL	BAU + Contractors
Facilities	Safety initiatives for rail storage and personnel – restriction of public	On-time	SLR	BAU + Contractors
Formation	Associated works with Turnout 1557 replacement	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Drainage	Associated works with Turnout 1557 replacement	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Ballast	Associated works with Turnout 1557 replacement	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Ballast	Associated works with Turnout 1663A replacement	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Sleepers	Backlog resleepering at 664.39, 664.464 and 664.507	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Formation	Formation replacement between 665.234 and 666.034	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU
Drainage	Subsurface drainage renewals between 664.510 and 664.986	Overdue	BOL	RNGIM Delivery Team + Contractors + BAU





# Wellington Metro BAU + Backlog Renewals by Line

# Wellington Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resources
Porirua Seawall	Repairs have remained unfunded for multiple years resulting in TSRs and recent timetable impacts to the NIMT	Overdue	Weekend/Long Weekend BOLS	BAU + Contractors + KR RMA + KR Eng
Bridge 3 NIMT	Resleeper, painting, walkway and ducting renewals required	Overdue	Christmas BOL	BAU + Contractors + KR Procurement + LNI Str
Slope stabilization + Retaining wall	Design of critical NIMT slope works between Pukerua Bay and Paekakariki & Paraparaumu	Overdue	Nil	Consultants + KR Eng + KR RMA
Bridge spot painting & minor renewals	Bridge 4, painting, rerail/realignment, Br 9, Br 11, 20	Overdue	Weekend/Long Weekend BOLS	Consultants + Contractors + KR Procurement
Platform renewals	Paremata and Linden platforms renewal and platform civil design	Overdue + Ontime	Long Weekend BOLS	Consultants + Contractors
Culvert upgrades	Design and temporary works of 27km & 28km culvert upgrades – risk of washout of the rail corridor	Overdue	Long Weekend BOLS	BAU + Contractors+ KR Eng KR Eng + KR RMA
Tunnel Lining	Replacement of lining in Tunnel 1 & 2 NIMT to protect traction/track assets from water egress	Overdue + Ontime	Nights + BOLS	BAU + Contractors + KR Eng
McLellan St Ped LX Upgrade	Public safety critical upgrades	Overdue	Weekend/Long Weekend BOLS	BAU + Contractors
Signals power supply upgrade	Signals power supply design and upgrade needed at North Junction	Overdue	Long Weekend BOL + Under live traffic where safe	BAU + Contractors + KR Eng + KR Procurement
Traction Minor Renewals	Substation/Switching/Facility Upgrade/Bonding/Spark gaps	Overdue	Weekend BOLS + Under live traffic where safe	BAU
NIMT Track renewals	23 renewals, majority are rerails (80%), some resleepers, and relays.	Overdue + Ontime	Christmas + Long Weekend/Weekend BOLS + Early nights BOLS	BAU + Contractors + LNI
Porirua 3x Turnout	Turnouts with NDT faults and life expired	Overdue	Christmas + Matariki BOLS	BAU + Contractors + LNI



# Wellington Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resource
Track relays	3 jobs in total within Hutt Valley Line	Overdue	Weekend/Long Weekend BOLs	BAU + Contractors
Melling relay (800m)	Asset is life expired, failure would result in service frequency changes, or Melling line closure	Overdue	Multiple Weekend BOLs or during Riverlink closure	BAU + Contractors
B11A/B crossover replacement	Renewal required due to shunting safety requirements at Masterton yard	Overdue	Weekend BOL	BAU + Contractors
Upper Hutt stabling yard renewal	Yard assets are life expired and require renewal, 2 roads are currently closed leading to operational impacts/TSRs	Overdue	Various access options	BAU + Contractors
Woburn Turnouts 1488B & 1481B	Asset is life expired. Failure will result in closure of rail access to the Gracefield siding and Hutt Workshops	Overdue	Weekend BOL	BAU + Contractors
Traction Renewals	Wooden feeder pole removal and upgrade of DC cabling	Overdue	Weekend/Long Weekend BOLs + Under live traffic where safe	Contractors + BAU
Traction Minor Renewals	Substation/Switching/Facility Upgrade/Bonding/Spark gaps	Overtime	Weekend BOLs + Under live traffic where safe	BAU
Br 19 Ava Bridge relay/walkway/paint	Life expired sleepers and rail, currently under TSR, and repainting + Walkway lease agreement and HCC contribution	Overdue	Easter – ANZAC	BAU + Contractors + HCC + KR Procurement + LNI Str
Platform renewals	Taita and Pomare platforms renewal and platform civil design	Overtime	Long Weekend BOLs	Consultants + Contractors



# Wellington Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resource
Khandallah 3a/b crossover and embankment + Relays	Crossover is life expired. New design requires embankment upgrades for compliance to current standard	Overdue	Design Access (2 weeks)	BAU + Consultants + Contractors + KR Eng
Turnout 88 Wellington Station	Life expired	Overdue	Long Weekend BOLs	BAU + Contractors
Ngaio 3A/B & 7A/B crossover & Pedestrian Subway design and procurement	Design of underpass and crossover - turnouts in poor condition	Overdue + Ontime	None required	Consultants + KR Eng
Traction structure renewals (WMUP II)	Last remaining wooden structures on the JVL replaced (7 masts, multiple switch relocations)	Overdue	Christmas or Easter BOL + Labor Weekend	BAU + Contractors
Track renewals	Relay and multiple rerais	Overdue + Ontime	Design Access (2 weeks) + Christmas BOLs	BAU + Contractors + LNI
Slope stabilization & monitoring	Multiple slope locations (TBC) requiring stabilizing work/monitoring	Overdue	Long/Weekend BOLs	Contractors
Telecommunications repeater upgrade	To address dead spots on the JVL & NIMT	Overdue + Ontime	None required	BAU + Contractors
Tunnel Lining	Tunnel 7 Crack remediation work investigation	Ontime	Weekend BOLs	BAU + Consultants + KR Eng



# Wellington Metro FY25 Renewals

Work	Reason/Comments	Renewal Category	Access Requirements	Resource
West Car Yard Upgrade	Design of yard for compliance to current standard + procurement of turnouts only, delivery plan for FY26	Overdue	Nil	KR Eng + Consultants
Double Slip 64A/63B design & procurement	Asset is life expired. Critical location in the station throat, multiple recent failures have caused service impact	Overdue	None required	KR Eng + Consultants
Double Slip 60B/63A design & procurement	Asset is life expiring. Critical location in the station throat	Overtime	None required	KR Eng + Consultants
Design only WLG Station 78A, 82A/B, 85B, DIA 75/43	Life expired turnouts with multiple failures	Overdue + Overtime	None required	KR Eng + Consultants
Design & tamping Distant junction 27A/B, 9A/B, 5A/B, 3A/B	Multiple EM80 gauge faults and faulty components	Overdue + Overtime	None required	KR Eng + Consultants

