

## **Whau Local Board**

**This report provides a picture of Auckland Transport activities over the October – December 2016 Quarter.**

**The report is in two sections:**

- (a) Information on AT projects that are located within the Whau Local Board area;**
- (b) Information on Regional Projects.**

**The numbering used in the report has no meaning other than as a reference to facilitate subsequent discussion.**

**The report has been compiled by Auckland Transport's Elected Member Relationship Unit from data supplied by the Operations Division, Capital Development Division and Strategy and Planning Department.**

## Whau

### Development Division

Programme	Item	ID	Start	Finish	Status	Notes	
30284	New Lynn to Avondale Scheme C/Way	Provision of a shared cycling and walking route between Blockhouse Bay Road and the New Lynn town centre. This will be an extension of the Waterview shared path between Blockhouse Bay Road and Great North Road (adjacent to the Unitec Campus) near Oakley Creek currently being designed by AT. It will complete a further link in the proposed regional cycle network.	C.001712	19/12/2013	30/06/2018	Detailed Design	Stage 1A & 3 - DD(Detailed Design) underway. Stage 2 - under investigation for grade separation. Whau Bridge DD complete awaiting finalisation of whole project route to release construction tender

30288	Links to New Lynn W&C PT	This project is to provide Walking and Cycling Links to New Lynn Station. The work comprises of- • Installing a cycle facility on Seabrook Avenue (West Lynn Road after Parker Avenue) •Improving the existing cycle lanes on Clark St • Installing a southbound cycle lane on Rankin Avenue • Identifying and investigating the opportunities of improving walking and cycling connections to the station. The outcome of the project will encourage more trips by walk/bike to the New Lynn train station and transport interchange.	C.101024	1/07/2015	1/06/2018	Investigation	<p>Work undertaken and to be undertaken in this quarter • Draft preliminary Design for Seabrook Avenue Cycleway-completed in December 2016 • Stage 2 Road Safety Audit for Seabrook Avenue Cycleway - completed in December 2016 • AT Review and consultants response to Stage 2 Road Safety Audit for Seabrook Avenue Cycleway - to be completed in Jan 2017 • Draft Preliminary Design for Rankin Ave, Clark Street, around rail station - to be completed in Jan 2017</p> <p>•Identification of preferred option for Rankin Ave, Clark Street, around rail station - to be completed in Jan 2017 • Stage 2 Road Safety Audit for Rankin Ave, Clark Street, around rail station - to be completed in Jan 2017• AT Review and consultants response to Stage 2 Road Safety Audit for Rankin Ave, Clark Street, around rail station - to be completed in Feb 2017 • Public consultation on Prelim design stage - to commence in Feb 2017 • Economic Assessment - to commence in Feb 2017.</p>
30404	New Lynn to Avondale Scheme C/Way	Provision of a shared cycling and walking route between Blockhouse Bay Road and the New Lynn town centre. This will be an extension of the Waterview shared path between Blockhouse Bay Road and Great North Road (adjacent to the Unitec Campus) near Oakley Creek currently being designed by AT. It will complete a further link in the proposed regional cycle network.	C.001712	19/12/2013	30/06/2018	Detailed Design	Stage 1A & 3 - DD(Detailed Design) underway. Stage 2 - under investigation for grade separation. Whau Bridge DD complete awaiting finalisation of whole project route to release construction tender.

30405	Waterview Cycleway Connection	Construction of a 3.4km long shared path as part of the Waterview connection (SH20-16). Includes the construction of two bridges.	C.100170	1/10/2 012	30/06/ 2017	Detailed Design	<p>AT/WCA are advancing the Soljak Bridge to Blockhouse Bay connection through an OPW. The tree management &amp; mitigation plans have been agreed with community facilities and Land owner approval has been granted from Community Facilities. Kiwrail have granted Section 176 1b approval for the designation and agreement for the design change. The program is tracking about 6-7 week behind schedule and the schedule is being updated in January 2017. There are major beam lifts and works proposed in Alford Street and Soljak Place bridge for the end of January 2017. Working with ATOC, AT BT and WCA around the fibre for New North Road signal and camera solution. Finalised Unitec design and Albie Turner consents in January 2017. A resolution with 10 Phyllis Street residents was achieved in December 2016 and the owners promised to grant full construction access in January 2017.</p>
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30406	Links to New Lynn W&C PT	This project is to provide Walking and Cycling Links to New Lynn Station. The work comprises of-•Installing a cycle facility on Seabrook Avenue (West Lynn Road after Parker Avenue)•Improving the existing cycle lanes on Clark St •Installing a southbound cycle lane on Rankin Avenue• Identifying and investigating the opportunities of improving walking and cycling connections to the station. The outcome of the project will encourage more trips by walk/bike to the New Lynn train station and transport interchange.	C.101024	1/07/2015	1/06/2018	Investigation	Work undertaken and to be undertaken in this quarter • Draft preliminary Design for Seabrook Avenue Cycleway-completed in December 2016 • Stage 2 Road Safety Audit for Seabrook Avenue Cycleway -completed in December 2016 • AT Review and consultants response to Stage 2 Road Safety Audit for Seabrook Avenue Cycleway - to be completed in Jan 2017 • Draft Preliminary Design for Rankin Ave, Clark Street, around rail station - to be completed in Jan 2017 • Identification of preferred option for Rankin Ave, Clark Street, around rail station - to be completed in Jan 2017 • Stage 2 Road Safety Audit for Rankin Ave, Clark Street, around rail station - to be completed in Jan 2017 • AT Review and consultants response to Stage 2 Road Safety Audit for Rankin Ave, Clark Street, around rail station - to be completed in Feb 2017 • Public consultation on Prelim design stage - to commence in Feb 2017 • Economic Assessment - to commence in Feb 2017
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## **Network Operations and Safety**

### **Community and Road Safety Programme**

Programme	Item	ID	Start	Finish	Status	Notes
30139	Road Safety Campaigns, Education and Events		Oct 16	Dec 16	Completed	Delivered one School based Road safety expo within a local high school. Delivered Compulsory Breath Test Operations in partnership with NZ Police. Delivered Sober Driver Presentations at workplaces promoting the Drive Drink Free message.

30140	Road Safety Campaigns, Education and Events	Deliver regional motorcycle campaign targeting both riders and drivers on local bus routes.	Jan 17	Mar 17	On-going
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#### Cycling safety and promotional programme

Programme	Item	ID	Start	Finish	Status	Notes
30141	Cycling education and events		Oct 16	Dec 16	Completed	Delivered two beginner bike sessions. Delivered one bike maintenance workshop. Promoted walking and cycling at the Kelston Health Expo.
30142	Minor Improvements		Oct 16	Dec 16	Construction Complete	Improvements to zebra crossing along Kinross Street
30143	Minor Improvements		Oct 16	Dec 16	Construction Complete	Blockhouse Bay and Bolton Street" Intersection improvements for pedestrians crossing and speed treatment
30144	Minor Improvements		Oct 16	Dec 16	Construction Complete	Mary Dreaver / Mulgan Street: Intersection improvements.
30145	Minor Improvements		Oct 16	Dec 16	Construction Complete	Heaphy Street / Blockhouse Bay: Pedestrian crossing facility improvements.
30146	Safer Communities		Oct 16	Dec 16	Construction Complete	Kelston School Cluster Site 3a - Vangaurd Road Speed Hump: Installation of speed humps to reduce speeds.
30147	Safer Communities		Oct 16	Dec 16	Construction Complete	Kelston School Cluster Site 7 - Great North Road / Archibald Signalised Pedestrian Crossing Installation.
30148	Minor Improvements		Jan 17	Mar 17	In Detail Design Phase	Eastbound left turn slip lane on Ash Street at the intersection with Rosebank Road - proposed zebra crossing
30149	Minor Improvements		Jan 17	Mar 17	In Procurement - Awaiting Reso	Bolton St speed calming: Installation of speed calming devices.

#### Network Optimisation Programme

Programme	Item	ID	Start	Finish	Status	Notes
30150	Network Optimisation		Oct 16	Dec 16	Complete	Great North Road / McCrae Way: Removal of traffic signal out of the right of way at the intersection to improve efficiency. An exclusive pedestrian crossing will also be installed. Design completed and consultation finished.

30151	Network Optimisation	Great North Road / McCrae Way: Removal of traffic signal out of the right of way at the intersection to improve efficiency. An exclusive pedestrian crossing will also be installed. Construction is expected to be completed by February 2017.	Jan 17	Mar 17	On-going
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### **Public Transport**

Programme	Item	ID	Start	Finish	Status	Notes
30283	Rail Improvements	6 Month 'Click & Collect' Trial, with Countdown, in use at New Lynn Station				Rail

### **RCD West**

Programme	Item	ID	Start	Finish	Status	Notes
29964	Pavement Rehabilitation Programme 2016/17	Akehurst Avenue: From Astley Avenue to End				Complete
29965	Pavement Rehabilitation Programme 2016/17	Bolton Street: From Taylor Street to Blockhouse Bay Road				Physical work underway
29966	Pavement Rehabilitation Programme 2016/17	Rua Road: From Tahurangi Terrace to Fruitvale Road				Physical work underway

### **Strategy**

Programme	Item	ID	Start	Finish	Status	Notes
29883	North West Rapid Transit Corridor Indicative Business Case	An Indicative Business Case is being developed to assess options and provide a recommendation to address future requirements for Public Transport in the North West. The project responds to an existing need to support the public transport network as well as future population growth. The IBC is expected to be completed in April/May and further engagement will be undertaken ahead of moving to the subsequent Detailed Business Case.	Aug 16	May 17	IBC/In progress	

## **Transport Services**

<b>Programme</b>	<b>Item</b>	<b>ID</b>	<b>Start</b>	<b>Finish</b>	<b>Status</b>	<b>Notes</b>
30403 Whau Walkway W&C Greenways	The Whau Pathway is a joint venture between AC Parks, The Whau Coastal Walkway and Environmental Trust and AT. The shared pathway is to be approximately 13 km and is proposed to connect the North Western Cycleway at Te Atatu to Green Bay Beach. It will be a shared facility, mostly off road, with the occasional requirement to travel along quiet residential streets, such as Queen Mary Ave.	C.101014	2/07/2015	29/06/2018	Investigation	Investigation phase currently underway with MWH engaged to produce a preliminary design of the entire length of Te Whau Pathway. This phase is estimated to be completed by the end of June 2017. Consultation with external parties will be undertaken as part of this phase.

## **Regional**

### **CEO**

<b>Programme</b>	<b>Item</b>	<b>ID</b>	<b>Start</b>	<b>Finish</b>	<b>Status</b>	<b>Notes</b>
30359 CRL - City Rail Link	The CRL is a 3.5km double track underground electrified rail line running from Britomart Station to the Western Line which includes 3 intermediate stations at Aotea, Karangahape Road and Mt Eden.	C.100500	30/06/2011	30/06/2024	Procurement/ Detailed Design/ Construction	The first of the new contracts for the remaining CRL works from Wyndham St to Mt Eden is due to go to market in the week beginning 16 January with another to follow in February and the rest over subsequent months. In the existing C1 and C2 contracts work is progressing well. The pipe jack in Albert Street has reached the halfway mark and the piling is more than a third complete. The works are heightening attention on project effects. The CPO closed on 17 January and the new temporary entrance building in Commerce Streets will replace it for three years while the CRL tunnels are being built.

## **Development Division**

<b>Programme</b>	<b>Item</b>	<b>ID</b>	<b>Start</b>	<b>Finish</b>	<b>Status</b>	<b>Notes</b>
30362 East West Connections	This project provides state highway connections between SH1 and SH20 along the edge of the Mangere Basin in order to relieve truck congestion on Neilson and Church Streets. The project is delivered in stages with an Early Works Package commencing in late 2016. The southern component of the project provides bus priority along FN32 and a new bus interchange at Mangere Town Centre and new stops in Otahuhu Town centre.	C.100190	1/01/2012	30/06/2024	Construction	Shortly before Christmas, on 20 December 2016, the project was in the Environment Court to defend a claim by Alan Bray that the Neilson Bridge not be demolished. The case was successfully defended and the Judge gave a verbal decision that there was no case to answer and that costs are reserved. The bridge demolition and road rebuild works commenced on 27 December 2016 in the very early hours of the morning. This followed extensive planning to ensure that every aspect of the works was precisely detailed and thoroughly planned. Some 12 mobile VMS boards were placed on key arterials to advise motorists that Neilson Street was closed, to seek alternative routes and to Google East west Link for information. A similar message was also displayed on the gantries over SH1 and SH20. As a result traffic flows have been light at time of writing. The work is proceeding according to plan and is testament to a good construction team. Works are on track to open Neilson Street on Monday 16 January 2017. The project is being delivered jointly by AT and NZTA.

30363	PT Safety Security & Amenity	Enhancing station safety, security and amenity. Current projects include completion of Ellerslie Station canopies, upgrade to Morningside Level Crossing and electronic gating at Manurewa Station.	C.100206	1/07/2013	30/06/2025	Detailed Design	Majority of the electronic ticket gating to be installed in 2017 calendar year and the remainder in 2018.
30364	SMART	This project has now been handed to the light rail team to further investigate. So SMART is no longer a live projects.	C.100400	1/07/2012	30/06/2025	Investigation	This project has now been handed to the light rail team to further investigate. So SMART is no longer a live projects.
30366	East West FN32 Bus Network	This is to provide local road improvements to support NZTA's new freight connection between SH20/ Onehunga and SH1. It also includes public transport and cycling improvements between Mangere and Sylvia Park. Project created to reflect the southern portion of East West.	C.101099	30/12/2013	28/06/2019	Construction	Construction for Stage 1 of the early works - Mangere Town Centre bus station is now complete and the Avenue Road bus stops is now 80% completed. Stage 2 detailed design for Walmsley Road and Atkinson Road is now complete. Delivery and design of Station Road and Mason Avenue has been handed over to the consultant for the Otahuhu Town Centre Framework project. Mt Wellington Highway design is underway. Stage 3 detailed design for the remainder of FN32 programmed in the 2017/2018 financial year

### **Network Operations and Safety**

#### **Cycling safety and promotional programme**

<b>Programme</b>	<b>Item</b>	<b>ID</b>	<b>Start</b>	<b>Finish</b>	<b>Status</b>	<b>Notes</b>
30103	Cycling education and events	Delivered cycling promotion campaign.	Oct 16	Dec 16	On-going	
30104	Cycling education and events	Delivered the Bike Safe cycle skills education programme in schools across Auckland.	Oct 16	Dec 16	On-going	

**Travelwise Choices Travel Planning Programme**

Programme	Item	ID	Start	Finish	Status	Notes
30105	Travel Demand Management		Oct 16	Dec 16	Complete	Transport Choice videos: The five 'Find New Love' transport choice videos were edited into a single one minute video promoting five alternatives to driving alone at peak times (walking, cycling, public transport, carpooling, flexi-time). The video was promoted online during November.
30106	Let's Carpool		Oct 16	Dec 16	Complete	Tenders were invited for a new mobile application-based platform for carpooling, to encourage greater uptake of carpooling. RideShark has been confirmed as the successful tenderer.
30107	Let's Carpool		Jan 17	Mar 17	On-going	The new mobile application provided by RideShark will be developed and customised for use by Auckland Transport and other stakeholders.
30108	Travel Demand Management		Jan 17	Mar 17	On-going	2017 Auckland Bike Challenge 1-28 February 2017 encouraging more people to cycle in Auckland. NZTA running national challenge the Aotearoa Bike Challenge which Auckland feeds into.
30109	Travel Demand Management		Jan 17	Mar 17	On-going	A regional Walking Challenge will be held in March 2017, to encourage more people to walk more often.

**Parking Services**

Programme	Item	ID	Start	Finish	Status	Notes
30408	AT Park	C.100908	Sep 15	Oct 16	Implementation	Public trial of AT Park happened in October and full release of the system is due in March 2017.
30409	Licence Plate Recognition (LPR) Enforcement	C.100940	Apr 16	Mar 17	Implementation	The system went live in St Marys Bay and Mt Eden in October 2016

## **Public Transport**

<b>Programme</b>	<b>Item</b>	<b>ID</b>	<b>Start</b>	<b>Finish</b>	<b>Status</b>	<b>Notes</b>	
30254	Integrated Fares	• Simplified integrated fares successfully went live Sunday 14 August 2016. • New AT HOP monthly ferry passes launched 14 August 2016. Three new passes cover Inner Harbour service groupings, Mid Harbour services and Outer Harbour (Gulf Harbour only). • The bus and train integrated fares project formally closed on 31 October. • Ferry Integrated fares approach and options are under development. Use cases are being documented for Thales review. Ferry ticketing infrastructure is being programmed to ensure cash tickets/alternative payment means are brought within the ferry integrated fares project to ensure a lasting solution. • January 2017 Thales are reviewing Ferry cases for solution option. • A fare review is being implemented on 29 January 2017.	All modes	Oct 14	Aug 16	On-going	
30255	Gold card	Planning to transition SuperGold cardholders with a blue HOP card to a gold HOP card continues. Commencement of public engagement with target community groups commenced in November. The swap out is continuing as current blue card holders approach customer service centres.	All modes	Oct 14	Jun 17	On-going	
30256	Marketing	AT has teamed up with Countdown to introduce online grocery 'click and collect' collection points at five locations – Albany Bus Station, New Lynn Transport Centre, Orakei Train Station, Waiheke Ferry Terminal, and Downtown Car Park	All modes			Complete	
30257	PTOM	Bus: • Bus PTOM West tendered contracts executed. Service commencement is 11 June 2017. Bus PTOM West negotiated units issued to incumbent operators have now been received back further negotiation meetings held. • Bus PTOM Central and East tender released to the market August 2016. Bids have been received and are now being evaluated. Bus PTOM Central and East negotiated units have been released. East bids closed in October. Central closed in December. Due diligence has commenced. • The release of Bus PTOM North negotiated units is targeted for late-January 2017. Ferry: • Individual evaluation of Ferry PTOM contracted services commenced in December and is continuing in January 2017.	Bus	Oct 14	Jun 17	On-going	

30258	Bus - Improvements	Ritchies Transport is increasing the number of double decker buses operating on NEX services from October 2016 from 18 to 29 double deckers. This means only two standard buses will be required to operate at peak and all buses operating off-peak will be double deckers. In addition, extra peak trips have been added to NEX services in January-February 2017 for the March spike and general growth.	Bus			On-going
30259	Bus - Improvements	The new modular bus shelter designs are being implemented. First of the Modular bus shelter was installed near the intersection of East Coast and Wilks Road Dairy Flat. Additional 16 to be allocated for the 18 October introduction of the new bus network designs for Hibiscus Coast, 31 new bus stops have been installed with seven upgraded. For the bus New Network in West Auckland, work is progressing on 116 minor projects (bus stops and shelters) through investigation and design.	Bus			On-going
30260	New Network	South Auckland's new bus network launched on 30 October 2016. Electronic Briefing Memos were sent to all South Local Boards in October informing them of all the Southern New Network details. Attached were various pieces of collateral and links they could use to raise awareness of the change on their webpages, social media and other channels. Communication with Boards around specific parts of the network following this implementation has been on-going since implementation.	Network Management	Mar 16	Oct 16	On-going
30261	Rail Improvements	The twelve month rolling average patronage increased to ~ 17.4 million as at the end of September 2016, an increase of +19% more than the same twelve months last year. Service delivery has maintained levels of around 95% of services arriving at the destinations on-time.  Designs complete for Manurewa, Papatoetoe, Middlemore and Henderson station for electronic gates to be installed, further gating planned for Glen Innes, Papakura & Parnell. Improved Run Time improvements on Southern Line services, allowing selected Peak Time services to run as 6 Car Trains, instead of the current 3 Car Units. On-board train digital information screens have been installed on one train and is currently being tested, including seeking feedback from customers. Installation of Platform LCD continue Britomart and Newmarket. New LED Screens installed and operating on B2 Lift Shafts.  Platform & Door Markers – Network rollout has begun, Orakei Station completed 23rd September 2016.	Rail		Sep 16	Complete

30262	Rail Improvements	Train services totalled 18.1 million passenger boardings for the 12-months to December 2016, an increase of +17.8% on the previous year. Patronage for December 2016 was 1.4 million, an increase of +17.6% on December 2015 and +8.9% above SOI target (YTD -0.5%). December normalised adjustment ~ +20.8% accounting for special event patronage, with one less business days and one more weekend days/public holidays.	Rail	On-going
30263	Rail Improvements	On 25th December 2016 we ran 289 train services, and carried 5207 passengers (HOP boarding's). This is an increase of 189%, and 38%, over 2015 – respectively	Rail	On-going
30264	Rail Improvements	In the last Quart (Oct-Dec 2015), we ran over 41,300 Train Services. Punctuality for the Quarter was 97.8%, and Reliability 99%	Rail	On-going
30265	Rail Improvements	Customer Satisfaction increased to 89.6% in the last quarterly results, which is another record result for Rail. This marks a 2.2% increase from September, and 7.5% from December 2015.	Rail	On-going
30266	Rail Improvements	Train proposed timetable, for introduction in March 2017, will include run time improvements, predominantly on the Southern & Western Lines, releasing 2x3-car EMU's to strengthen peak time services	Rail	On-going
30267	Rail Improvements	The train timetable change will also see the introduction Parnell Station to the network, initially with all Southern Lines services stopping and Western services in the evening and weekends. Onehunga services will express run from Ellerslie station through to Newmarket station releasing 1 of the trains to strengthen a peak 3 car EMU to 6 car on services that have heavy passenger loadings (Greenlane and Remuera customers will still be provided a 10 minute service throughout the peaks).	Rail	On-going
30268	Rail Improvements	Westfield Station will close on 12th March 2017	Rail	On-going
30269	Rail Improvements	CRL enabling works underway at Britomart. Temporary Station facility at the rear of CPO to open 09 January 17. CPO to close 16 January 17.	Rail	On-going
30270	Rail Improvements	6 Month Trials started at Newmarket; New Lynn; Manukau; Manurewa; Otahuhu; Puhinui; Mt Albert; Grafton & Panmure.	Rail	On-going

## Strategy

Programme	Item	ID	Start	Finish	Status	Notes
29878	Transport for Future Urban Growth (TFUG)		Jul 15	Dec 17	DBC/In progress	<p>The Transport for Future Urban Growth (TFUG) programme has now reached a major milestone. The Boards of Auckland Transport and the NZ Transport Agency have approved the overarching 30-year plan for supporting Auckland's future urban growth areas in the north, north-west and south of the city. This will include a mix of new or upgraded roads, upgraded state highways, optimising existing networks, new public transport and cycling infrastructure. Working together, Auckland Transport, Auckland Council and the NZ Transport Agency have identified the transport networks needed to support this significant growth and this information is available online at <a href="http://www.at.govt.nz/projects-roadworks/supporting-growth-delivering-transport-networks/">www.at.govt.nz/projects-roadworks/supporting-growth-delivering-transport-networks/</a> <a href="http://www.nzta.govt.nz/supporting-growth-delivering-transport-networks/">www.nzta.govt.nz/supporting-growth-delivering-transport-networks/</a>. We have taken on-board your feedback and have prioritised public transport, safety improvements and brought forward delivery of some key projects. This includes a number of short term projects such as:</p> <ul style="list-style-type: none"><li>• The Matakana Link Road to support growth in north west Warkworth</li><li>• The construction of the Ara-Tūhono Pūhoi – Warkworth Road of National Significance</li><li>• Safety improvements on State Highways 16 and 22</li><li>• Upgrading the Pukekohe Train Station</li><li>• The introduction of the Southern New Public Transport Network.</li></ul> <p>These short to medium term projects will help address current transport pressures while we work to develop other longer term solutions. Our next step will be to “make the most of what we already have” which is in line with the Auckland Transport Alignment Project recommended strategic response. At the same time we will also be looking at protecting routes for the longer term in order to provide certainty around the proposed programme. Thank you again for your contributions to date, and we will continue to provide opportunities for you to help shape the design and detail of our transport projects as they are developed. We would like to meet with you in the new year to discuss the preferred transport network for your area and the next steps for the programme.</p>

29879	North Shore Rapid Transit Network Study	This work is being undertaken to provide an updated view on passenger transport requirements for achieving strategic growth and the most appropriate transport options to meet the needs of the North Shore. The findings will help inform the NZTA investigations for the Additional Waitemata Harbour Crossing. The Study has been completed and is being incorporated into a Programme Business Case, which will seek funding for any future work into the next steps for the RTN development. This material will assist AT in involvement with NZTA's upcoming lodgement of an Additional Waitemata Harbour Crossing Notice of Requirement.	Dec 15	Mar 17	Study/In progress	
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### **Transport**

Programme	Item	ID	Start	Finish	Status	Notes
30271	Rail Improvements	Pedestrian level crossings - ALCAM audit implement recommendations, improved vegetation management, upgraded signage, fencing and paths	Rail/ Pedestrian		Apr 16	Complete
30272	Rail Improvements	Road level crossings - ALCAM audit implement recommendations, improved vegetation management, upgraded signage, new road markings and median flexy posts	Rail/Road		Apr 16	Complete

### **Transport Services**

Programme	Item	ID	Start	Finish	Status	Notes	
30360	Double decker network mitigation works	Mitigation works on identified risks for double decker buses such as building verandas, street furniture & signage, low hanging power/phone lines, service poles, overhanging trees, low bridge structures to allow the passage of double decker buses.	C.100553	1/07/2014	30/06/2024	Design / Construction	Onewa is on target for go live in Feb 2017. Great North Road Route is being brought forward to June 2017 to coincide with the New Network Rollout for Western Services on the 11th June.  Manukau Road Route will be delivered by November 17th to coincide with New Network
30361	Links to GI W&C	Supports integration between active travel modes and public transport by providing new infrastructure that encourages travel to Glen Innes train station by walking and cycling. Includes secure cycle parking at public interchanges and links to interchanges.	C.100766	21/10/2014	28/06/2024	Investigation	Project completed feasibility stage. Tender documents are being prepared to procure consultant for next stage of the project.

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3036S	Bus Lane Improvement	Delivery of a network of bus and transit lanes throughout the Auckland Region.	C.100565	1/07/2015	30/06/2025	Detailed Design	Public consultation on Pakuranga Rd, Great South Rd Dominion Rd, May Rd, Mt Eden Rd. Construction will start in March 2017.
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