

Tiverton Wolverton Route Improvement

Purpose

The purpose of this paper is to seek the Auckland Transport Board approval to

- = portfolio of projects for completion by October 2012, as the project is not currently within the LTCCP: and include the Tiverton-Wolverton Route improvement project within the Auckland Transport
- € provide funding for the project from deferrals to cover the local cost share noting the project already has category 1 funding approval by New Zealand Transport Agency (NZTA) subject to the approval of an updated business case.

Executive Summary

enable construction tendering by June 2011. However the project was removed from the 10 year LTCCP by an Auckland City Council decision in 2008/09. having the highest priority for future upgrade and the investment in New Lynn will not be fully The Tiverton Wolverton Route forms an important district arterial route that links the rapidly developing New Lynn Town Centre with State Highway 20 (SH20) and the airport route. Tiverton Wolverton Route upgrade is identified in the Region Arterial Road Plan (2009) as submission of an updated business case and the detailed design could be completed to category 1 funding approval by the New Zealand Transport Agency (NZTA) subject to realised without the completion of the Tiverton Wolverton project. The project already has

through deferral This paper seeks to have this project re included in the LTCCP and local share funded

Background

The Tiverton Wolverton Route forms an important district arterial route that links New Lynn Town Centre development with SH20 and the airport route. The project route carries over 25,000 Annual Average Daily Traffic at Wolverton and with SH20 linked into SH1 the route is along Wolverton Street. were raised in the national papers in September 2010 citing severe queuing from New Lynn experiencing severe traffic congestion during the day and in the peaks. The congestion issues

for the construction activity by NZTA construction period. NZTA have highlighted the route to Auckland Council as one of the The Tiverton Wolverton Route is identified in the NZTA National Land Transport Programme 2009/12 as being a high priority project that is already committed for the 2009/2012 routes to be upgraded ahead of the Waterview Connection of State Highway 20 as mitigation

high quality public transport corridor to improve the east west linkage for the city Public transport teams have identified the Tiverton Wolverton Route as a key high frequency

300m. Only line marking changes were needed on this section to produce a four lanes road Stage 1 of the project was completed in 2007. This involved constructing two large retaining between the Blockhouse Bay Road and Whitney Street and widening the route

2008/09 The project was removed from the 10 year LTCCP by an Auckland City Council decision in



Description of Proposal

and extends along Wolverton Street, Tiverton Road, and New Windsor Road and links into the Maioro Street and the new interchange with SH20. starts on Wolverton Street, 100m from the intersection with Portage Road and Clark Street The proposed project will create a four lane route linking SH20 with New Lynn. The project

vehicles. New retaining walls are proposed to accommodate the road widening community. All along the route, flush medians are proposed to improve safety for right turning arterials for school children, St Johns Ambulance Station Five new signalised intersections are proposed to provide safer linkages across these busy (opposite Taylor Street) and the

connection the gradient is not severe and on road cycling is allowed. The possible off road Within the constrained corridor, on road cycling has been provided for in the east west corridor because the land slopes to the west. This allows for the cyclist to ride on road along which would allow cyclist to cycle off road where the gradients are steeper. cycleway opportunity between Whitney and New Windsor Road is currently being reviewed the route to New Lynn and join the on road cycle lanes near Olympic Park. On the west-east

streets by up to 50metres. 1.8m wide footpaths, some grass berms with trees and the corridor theme taken up side The road way has been designed generally with 3.1-3.5m lane width, a 2.5m flush median,

Numerous trees are proposed to be removed to allow for the widening of the road corridor but one hundred new street trees will be planted along the corridor as mitigation under the scheduled trees at 4 Wolverton Street. resource consents for the project. Resource consent has been obtained for the pruning of

stream) are proposed to be reconstructed. A major telecom chamber is proposed to be relocated at the intersection of Blockhouse Bay Road as part of the road widening. Power and the safety along the route. community. Unsafe vehicle crossing alignments are to be rebuilt into the properties to improve reserve. New street lighting to be provided will create a high quality environment for the telecom services are being undergrounded along the route and within 20m of the road To allow the road widening, the wing walls of the Wolverton Road culvert (part of the Whau

There are some historical property issues like encroachment into the road reserve that will be addressed to improve the pedestrian safety along the route. Bus shelters along the route are to be upgraded

Consultation

community to provide comments and feedback. Wolverton Street Route upgrade a series of public open days were held in October and November 2003 to present the feasibility route options to the community and to allow the Following the completion of the feasibility report and scheme assessment report for Tiverton

the entire route. Additionally Auckland City Council placed notices in the Avondale Library. Following the subsequent completion of the preliminary design two further open days were help in April 2005 seeking feedback from the community on the proposed designs plans for The feedback was incorporated into the final design where appropriate.

streets. Auckland City Council approved the landscape and urban design themes in 2003 and possible and the revised plans show tree planting extending the boulevard look down the side the general theme was adjusted to meet the consultation and safe sightline requirements The general feedback from the community was to retain vegetation along the route were

The consultation was undertaken over a four year period within Auckland Council (formerly The consultation with residents extended further and included property purchase negotiations.



Auckland City Council and Waitakere City Council), NZTA, Vector, Telecom, Watercare, Transpower and the businesses along the route.

reviewed against what traffic and pedestrian volumes are Each driveway, alignment, tree location, bend radius and lane configurations has expected across the route been

the community board were held with the community board for the stage 1 works tree consents to be approved by Meetings were held with the community board representatives and detailed presentations

Programme

Following Board endorsement, the construction tender would take place over the period June to August 2011 to allow for full construction by October 2012.

disruptions and reduce the impact on the community along this key route during construction. Critical enabling work will need to start as soon as the detailed design for the route is updated as there are long lead items that need to be procured off shore by Vector and Telecom. programme will be designed to align with the New Lynn and SH 20 Waterview construction projects being less than 15 months. As New Lynn development relies on this route to access State Highway 20 the construction This would minimise the length of time of the traffic

Costs and Benefits

generally considered at the P95 level. The following table sets out the estimated cost profile for the project noting that funding S

Cost
\$18.8m
\$21.3m
\$25.8m

The road widening proposed will accommodate four lanes of traffic which will provide appropriate capacity from SH20 to New Lynn in line with the growth strategy and will improve bus travel times on the east west corridor.

The project has a benefit cost range of 4.8 at the P50 estimate

Funding

contribution. I S proposed to fund the project through a combination of NZTA subsidy and local

The Tiverton Wolverton Route improvement project currently has NZTA category 1 funding approval for expenditure in the financial year 2012/13. It attracts a Financial Assistance Rate (FAR) of 53%. However, as the scheme details have changed since the original approval, an updated business case will need to be submitted to NZTA and approved. This carries a limited risk to Auckland Transport as discussions with NZTA have indicated that they would welcome the advancement of this scheme.

To cover the local cost contribution for the Tiverton Wolverton Route the preferred option is through the reallocation of funds derived from deferrals from the LTCCP.

estimate The overall funding profile for this project is detailed below. Note that this is based on the P95



\$17,000,000	\$8,500,000	\$300,000	Total (P95)
\$7,990,000	\$3,995,000	\$141,000	Local Contribution
\$9,010,000	\$4,505,000	\$159,000	NZTA Share (53%)
21012/13	2011/12	2010/11	Financial Year

In total over a three year period the local contribution for this scheme is forecast to be \$12,126,000. This figure has to be considered in context with other potential significant funding pressures identified across Auckland Transport and the probable capital funding deferral in 2010/11 and 2011/12 to be required by Auckland Council. There is not yet full transparency in respect of the financial context in which Auckland Transport will be required to operate, but this project is considered to be of such high strategic importance that it should be implemented without further delay.

Recommendation

It is recommended that the Auckland Transport Board approves the:

- That the Tiverton-Wolverton Route improvement project be included within the Auckland Transport portfolio of projects for completion by October 2012 as it is not included with the LTCCP; and
- 2 That local cost share is derived from deferrals, noting the project already has category 1 funding approval by New Zealand Transport Agency (NZTA) subject to the approval of an updated business case.

Attachment

Attachment A Overall route and the extents for the project

APPROVED FOR SUBMISSION by	WRITTEN & RECOMMENDED by
David Warburton Chief Executive	Kevin Doherty Chief Infrastructure Officer
Allehoon.	ppMoper

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TIVERTON WOLVERTON ROUTE IMPROVEMENTS STAGE 2

OVERVIEW OF PLANS DRAWING LIST AND

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