

Chapel Rd realignment

Data collection sheet for 2021-31 RLTP

Feb/Mar 2020

New project form

Use this form to submit details on a proposed new project for consideration in the 2021-31 RLTP. There are different forms for existing projects, new projects, existing programmes and new programmes.

Brief project description	Upgrading of Chapel Road section between Ormiston Road and Baverstock Road from a 2 lane rural to 4 lanes urban road environment to tie-in with the emerging Flat Bush Development growth area. The upgrade to also include the vertical and horizontal alignment with a new bridge plus cycle lanes
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AT SME	
AT ELT	
2018-18 RLTP total capex (\$m)	0.00
NZTA activity class	N/A
RLTP project category	N/A
RFT funded?	No

Problem and benefits

Problem or need to be addressed	Increased capacity, reducing congestion, improving mode share and reducing safety risks along the identified section.
Key benefits delivered	Vehicle throughput increased, travel time reliability, access, improved safety, reduced carbon emission due to congestion relief
Benefit cost ratio (BCR)	Ranges from 2 - 3.1 with various options being assessed

Strategic fit and outcomes

Initiatives will be prioritised for the 2021-31 RLTP using the five outcomes outlined below and in the supporting ILM. A sixth outcome area is also provided to facilitate the inclusion of business enablers in the RLTP investment programme.

[Click here to view the ILM underpinning the 2021-31 RLTP](#)

Outcome 1 – Enabling & supporting Auckland’s growth and the quality compact urban approach	Development in the FlatBush area is on-going where the population is estimated at 40,000 when all stages of development is complete. The Chapel Road upgrade will provide increased capacity, alleviate congestion resulting from the on-going development in the area and further east at Whitford, Beachlands and Maraetai areas.
Outcome 2 – Better travel choice for Aucklanders	Provide alternative mode shifts to active modes through a well connected and safe walking and cycling facilities around the Flat Bush Network
Outcome 3 – Better connecting people, places, goods and services	Better connectivity towards places of employment, social activities, recreational facilities provided by the Ormiston Town Centre and Barry Curtis Park
Outcome 4 – Improving resilience and sustainability of the transport system	Reduced congestion, increased capacity, reduced traffic delays, use of active mode of transport all contributes to environmental sustainability through reduced carbon footprints
Outcome 5 – Making Auckland’s transport system safe	Vertical and Horizontal alignment together with widened corridor that provides walking and cycling facilities provides safer environment especially to the most vulnerable road users.
AT business enablers	Improved Level of Service

Project timing, issues and risks

Commitment as at Feb 2020	s7(2)(a) Privacy, s7(2)(b)(ii) Prejudice to commercial position
Planned commitment status as at July 2021	
Key risks and issues	Further engineering options required, continuing growth in East Auckland will result in more congestion/bottleneck in the area, sudden change in road environment from Urban to Rural then back to Urban environment travelling North-South
Dependencies	
Timeframes	Approximately 3-5 years from Design
Delivery confidence	Medium - Investigation and Property acquisition completed

Estimated costs (\$m)

Please note there is increased focus on improving the accuracy of capex estimates for the 2021-31 RLTP. There is also expected to be more limited ability to accommodate increasing costs once RLTP values have been set. As a result, please ensure that the cost estimates supplied below are robust and evidence based, with sufficient explanatory text provided in the supporting text fields.

	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31
	Current RLTP period			2021-31 RLTP period									
Capex Actuals	-	-	-	-	-	-	-	-	-	-	-	-	-
Capex Forecast	-	-	-	s7(2)(a) Privacy, s7(2)(b)(ii) Prejudice to commercial position					-	-	-	-	-
	0.00	0.00	0.00						0.00	0.00	0.00	0.00	0.00

2018 - 2021 three year actuals + forecast capex	0.00
2021 - 2031 ten year forecast capex	s7(2)(a) Privacy
Total capex over Jul18 - Jun31 (13yr) period	

Basis of Capex estimate	s7(2)(a) Privacy, s7(2)(b)(ii) P
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Capex cost certainty	2017 Cost Rough Order options estimate provided by consultants
Variance from existing RLTP capex budgets	
Associated and consequential opex	Operational costs is approximately 6 - 12% of capital investment

Supporting documents

Please supply supporting documents as email attachments when you return this completed data collection sheet.
(e.g. strategic cases, business cases, supporting cost estimates, relevant Board papers and approvals)