NZ Upgrade Programme

- A major focus in Q3 is the work on the programme baseline for end of March 2021, to provide the latest understanding of outcomes, scope, cost, schedule and risk to decision makers. Most projects are now seeing cost estimates that are greater than funding allocation. Notable recent milestones include completion of a series of challenge sessions to provide top-down review of baselines, as well as Project Sponsor reviews and endorsement on individual project baselines.
- Papakura to Drury South Stage 1B1 consent documentation preparation under the Covid-19 Recovery (Fast Track Consenting) Act 2020 is underway.
- Otaki to North of Levin formal NoR/Consenting programme has commenced, with planning discussions programmed with regional and district councils.
- SH58 Stage 2a physical works have commenced.
- SH75 Halswell Road emerging preferred option design is being finalised. Community Boards briefing dates are scheduled for early March.
- Weedons Ross Road business case and preferred option was endorsed by Waka Kotahi internal governance in January.
- Walnut Avenue design is complete and being reviewed. Construction will commence upon completion of the design review.
- Penlink Hybrid Alliance ROI (Short listing) closed in December 2020 and tender evaluation is now underway. The current programme is to announce the short-listed proponents in February.
- Rolleston is currently out for tender for business case phase, with award expected in March 2021.



| Project | Milestone | Time | Financial |
|--|-----------|-------|-----------|
| NZUP SH1 Whangarei to Port Marsden H'way | Design | 11110 | i maneiai |
| NZUP Penlink | Design | | |
| NZUP Mill Road Corridor | Design | | |
| Papakura to Drury South | Design | | |
| NZUP Northern Pathway | Design | | |
| NZUP SH1-29 Intersection Improvements | Design | | |
| NZUP Takitimu North Link Stage 1 | Design | | |
| NZUP Takitimu North Link Stage 2 | Design | | |
| NZUP SH58 Safety Improvements | Design | | |
| NZUP SH2 Melling Efficiency & Safety Imp | Design | | |
| NZUP Otaki to North of Levin | Design | | |
| NZUP Rolleston Access Improvements | Design | | |
| NZUP Brougham St Corridor Improvements | Design | | |
| NZUP SH75 Halswell Rd Imps | Design | | |
| NZUP SH73 Weedons-Ross Road Intersection | Design | | |
| NZUP Walnut Avenue | Design | | |
| NZUP SH1 Tinwald Corridor Improvements | Design | | |
| NZUP SH6A corridor improvements | Design | | |
| NZUP SH6 Ladies Mile Stage 2 | Design | | |
| NZUP Grant Road to Kawarau Falls | Design | | |
| | | | |

NZ Upgrade Programme



Key Project Milestones Completed

- Queenstown Package Detailed Business Case approved by Waka Kotahi Board
- Tinwald preferred option for consultation endorsed
- Papakura to Drury Stage 1A physical works contract awarded
- Penlink Hybrid Alliance ROI is in its final sign-off prior to announcing the two proponents who will enter into the Request for Proposal Phase.
- Takitimu North Link Stage 1 Design and Construct tender closed in February.
 Tender extended to undertake commercial review of tenderer pricing and methodology
- Rolleston out for tender for business case phase, award expected March 2021.

Upcoming Milestones

- Walnut Ave tender for Physical Works to be released March
- Brougham Street Business Case approved
- SH73 Weedons-Ross Road Business Case approved
- SH75 Halswell Road Preferred options identified
- Takitimu North Link Stage 1 Contract A award.



| Region | Project | Current Phase | Budget (\$m) | Total Spent (\$m) (%) | Budget Variance (\$m) | e RAG | | Commentary |
|-----------|--|-----------------------|--------------|--------------------------|-----------------------------|-------|----|---|
| N | Z Upgrade Program | me Overview | 5,614.00 | 208.2 (3.7%) | -612.00 | (1) | \$ | |
| Northland | SH1 Whangarei to Port Marsden Highway | Business Case | 692.0 | 3.59 (0.5%) | 0.00 | | • | Budget RAG remains at Amber due to risk associated with initial cost estimates that are significantly above the funding allocation. The project has undertaken a series of workshops to review options for reducing the potential cost and how delivery could be staged, with options to be presented in April. Two Community Open Days (rural and urban) were held at the end February. Completion of the Business Case in mid 2021 is on track, with final Board approval scheduled for October 21. |
| F | NZUP SH1 Papakura to Drury South | Pre Implementation | 423.00 | 13.73 (3.2%) | -246.00 | • | • | Stage 1A physical works contract was awarded in February. Stage 1B1 consent documentation under the new Covid-19 Recovery (Fast Track Consenting) Act 2020 is nearing completion. However, the lodgement date of February 2021 has moved to a later date awaiting direction from the Minister. The delay though in the lodgement date will provide the opportunity for lwi to complete a number of Cultural Impact Assessments. |
| Auckland | NZUP Northern Pathway Westhaven to Akoranga | Pre Implementation | 360.00 | 33.35 (9.3%) | -240.00 | • | • | Project is reporting Red as current project estimates are above funding allocation, a major scope change is proposed, and risks related to works in the coastal marine area have not been resolved. Project go-live date is at risk. The project will report options back to the Waka Kotahi Board in March. |
| Ā | NZUP Penlink | Pre Implementation | 411.00 | 36.67 (8.9%) | 0.00 | | • | The reference design and minimum requirement development is in progress. Budget RAG is Red due to the current estimate signalling that the cost exceeds budget. The Hybrid Alliance ROI is in its final sign-off prior to announcing the two proponents whom will enter into the Request for Proposal Phase. |
| | NZUP Mill Road Corridor | Business Case | 1354.00 | 73.56 (5.4%) | 0.00 | • | • | The project's overall health status is RED due to the recent estimate exceeding the funding allocation by a significant amount. The detailed business case and Notice of Requirement workstreams are on hold until the investment objectives are confirmed. Property acquisition in the northern (Manukau) section where the designation is in place has been approved for commencement. This is now on hold pending advice from the Minister. |



| | | Current | Budget | Total | Budget Variance | RA | \G | |
|-----------------|--|-----------------------|--------|--------------------|--------------------|----|----|--|
| Region | Project | Phase | (\$m) | Spent (\$m) (%) | Variance (\$m) | () | \$ | Commentary |
| t y | NZUP SH1/29 Intersection Improvements | Pre Implementation | 58.00 | 0.77 (1.3%) | 0.00 | | | Contractor engaged to undertake pre-implementation. Project is proceeding at risk to develop an Assessment of Environmental Effects for consents and NOR. Approval given to proceed at risk with land entry prior to Board approval of Business Case. Risk to complete environmental surveys this season still exists. |
| & Bay of Plenty | NZUP Takitimu North Link Stage 1 | Pre Implementation | 478.00 | 3.08 (0.6%) | -91.00 | | • | The Design and Construct tender closed in February following an extension to undertake a commercial review of tenderer pricing and methodology. A recommendation from the Tender Evaluation Team on contract award is expected late March following any pre-let discussions. A revised project estimate has been endorsed internally however further exceeds NZUP funding. Ministerial approval is being sought in March for the increase and to progress to contract award. |
| Waikato & | NZUP Takitimu North Link Stage 2 | Pre Implementation | 455.00 | 2.52 (1.0%) | 0.00 | | • | Several strategic/early property purchases are underway. Stage 1 extension drawings have been updated and geotech consents lodged. Cost estimate received in January indicate funding pressures against approved allocation. |
| | NZUP SH58 Safety Improvements - Stage 2 | Pre Implementation | 59.00 | 4.74 (8.0%) | -35.00 | • | • | Stage 2a physical works have commenced. Stage 2b MCA workshop has been held with the final report due in March. |
| Wellington | NZUP SH2 Melling Efficiency and Safety Improvements | Pre Implementation | 258.00 | 2.52 (1.0%) | 0.00 | | • | Budget RAG has moved to red due to cost estimate for design freeze 1 coming in above NZUP allocation. The new programme for end of May lodgement is tracking and still achievable. |
| | NZUP Otaki to North of Levin (O2NL) | Business Case | 817.00 | 27.12 (3.3%) | 0.00 | | • | The second stage of the business case (preliminary design, cost estimation, business case report drafting) has commenced. The consenting programme has commenced, including planning discussions with regional and district councils. Budget remains Amber because of the risks associated with interim total project costs which indicate that the project allocation will be exceeded. |



| | | Current | | Total Spent | Budget | RA | .G | |
|------------|--|-----------------------|--------------|----------------|-------------------|-----|----|---|
| Region | Project | Phase | Budget (\$m) | (\$m) (%) | Variance (\$m) | (1) | \$ | Commentary |
| | NZUP Brougham St Corridor Improvements | Business Case | 40.00 | 2.29 (5.7%) | 0.00 | | • | Business Case is currently being taken through assurance, endorsements and approvals processes within both Waka Kotahi and Christchurch City Council. Cost RAG has moved to Green due to receiving a parallel estimate with refined base implementation costs. |
| | NZUP Rolleston Transport Improvements | Business Case | 60.00 | 0.26 (0.4%) | 0.00 | | • | Project is currently out for tender for business case phase, with award expected in March 2021. Latest costs estimates of the preferred option is higher than allocation. The detailed business case will investigate options and reconfirm cost estimates. |
| Canterbury | NZUP SH75 Halswell Rd Imps | Business Case | 25.00 | 0.60 (2.4%) | 0.00 | | • | Completion of the Business Case is delayed three weeks to ensure sufficient time is allocated for community consultation and preparation of material for this consultation. The emerging option has been presented to one of the two Community Boards, with the briefing to the second Community Board scheduled for March. |
| l ö | NZUP SH73 Weedons-Ross Road Intersection | Business Case | 6.00 | 0.39 (6.5%) | 0.00 | | • | Project activities are on track. Pre-implementation phase contract documentation is being developed in parallel with the business case approval process to maintain delivery momentum. |
| | NZUP Walnut Avenue Intersection Improvements | Pre Implementation | 18.00 | 0.54 (3.0%) | 0.00 | • | • | Design has been completed, however tendering has been delayed due to Kiwirail agreement and railway signal design issues. Tender for Physical Works is expected to be released in March. |
| | NZUP Tinwald Corridor Improvements | Business Case | 10.00 | 0.25 (2.5%) | 0.00 | | • | Preferred option for consultation has been endorsed internally. Stakeholder meetings were held with Kiwirail in February. |



| | | Current | Dudget | Total Coant | Budget | R/ | 4G | |
|------------|---|------------------------|-----------------|--------------------------|-------------------|-----|----|---|
| Region | Project | Current Phase | Budget (\$m) | Total Spent (\$m) (%) | Variance (\$m) | (1) | \$ | Commentary |
| | NZUP SH6A Corridor Improvements | Pre- Implementation | 20.00 | 0.30 (1.5%) | 0.00 | | • | It has been agreed by the NZUP programme team to combine all 3 NZUP funded activities into the existing SH6A and |
| Queenstown | NZUP SH6 Ladies Mile Stage 2 NZUP | Pre- Implementation | 35.00 | 0.25 (0.7%) | 0.00 | • | • | Town Centre business case. This will now be delivered as one integrated package under a single business case. The Business Case was endorsed by all partner organisations and the Waka Kotahi Board in February. Parallel estimate is complete and has confirmed a funding shortfall. The establishment of the delivery alliance for NZUP and QLDC CIP projects is progressing well, with award expected |
| | NZUP Grant Rd to KF Bridge Improvements | Pre- Implementation | 35.00 | 1.70 (4.9%) | 0.00 | | | early in 2021. |



| Project | | Phases | Start Date | Finish | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|-----------|--|---------------------|------------|------------|------|------|------|------|------|------|------|------|------|------|------|
| ٥ | | Business Case | 9/03/2020 | 7/12/2021 | | | | | | | | | | | |
| AN | NZUP SH1 Whangarei to Port Marsden | Pre-Implementation | 23/10/2020 | 11/01/2024 | | | | | | | | | | | |
| Ӗ | H'way | Property | 12/06/2020 | 29/06/2023 | | | | | | | | | | | |
| NORTHLAND | way | Implementation | 31/01/2023 | 30/01/2029 | | | | | | | | | | | |
| | | Post-Implementation | 1/02/2029 | 2/04/2030 | | | | | | | | | | | |
| | | Pre-Implementation | 15/06/2018 | 14/09/2023 | | | | | | | | | | | |
| | SH1 Papakura to Drury South | Property | 31/07/2018 | 1/11/2023 | | | | | | | | | | | |
| | Sill Papakula to Didiy South | Implementation | 2/06/2020 | 25/08/2026 | | | | | | | | | | | |
| | | Post-Implementation | 21/02/2023 | 29/07/2027 | | | | | | | | | | | |
| | | Pre-Implementation | 4/11/2019 | 19/08/2021 | | | | | | | | | | | |
| | Northern Pathway Westhaven to Akoranga | Property | 5/11/2019 | 18/04/2023 | | | | | | | | | | | |
| | | Implementation | 12/12/2019 | 3/10/2024 | | | | | | | | | | | |
| 9 | | Post-Implementation | 4/10/2024 | 18/08/2026 | | | | | | | | | | | |
| AUCKLAND | | Business Case | 27/08/2020 | 11/03/2021 | | | | | | | | | | | |
| Š | | Pre-Implementation | 2/03/2020 | 26/08/2021 | | | | | | | | | | | |
| ₹ | NZUP Penlink | Property | 27/03/2020 | 25/03/2021 | | | | | | | | | | | |
| | | Implementation | 2/03/2020 | 13/11/2025 | | | | | | | | | | | |
| | | Post-Implementation | 14/11/2025 | 14/11/2026 | | | | | | | | | | | |
| | | Business Case | 20/12/2019 | 14/10/2022 | | | | | | | | | | | |
| | | Pre-Implementation | 1/09/2020 | 3/11/2022 | | | | | | | | | | | |
| | NZUP Mill Road Corridor | Property | 5/03/2021 | 24/09/2024 | | | | | | | | | | | |
| | | Implementation | 11/10/2021 | 17/10/2029 | | | | | | | | | | | |
| | | Post-Implementation | 18/10/2029 | 20/11/2031 | | | | | | | | | | | |



| Project | | Phases | Start Date | Finish | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|-------------|---|---------------------|------------|------------|------|------|------|------|------|------|------|------|------|------|------|
| | | Pre-Implementation | 16/06/2020 | 31/03/2022 | | | | | | | | | | | |
| | NZUP SH1/29 Intersection Improvements | Property | 16/06/2020 | 30/05/2022 | | | | | | | | | | | |
| | NZOP 3H1/29 Intersection improvements | Implementation | 1/04/2022 | 27/09/2024 | | | | | | | | | | | |
| _ | | Post-Implementation | 2/07/2024 | 30/07/2026 | | | | | | | | | | | |
| WAIKATO/BOP | | Pre-Implementation | 26/02/2020 | 31/03/2021 | | | | | | | | | | | |
| 0 | NZUP Takitimu North Link Stage 1 (previously Tauranga Northern Link) | Property | 26/02/2020 | 21/07/2022 | | | | | | | | | | | |
| ₹ | | Implementation | 20/05/2020 | 8/06/2026 | | | | | | | | | | | |
| ĕ | | Post-Implementation | 8/06/2026 | 7/06/2028 | | | | | | | | | | | |
| _ | | Pre-Implementation | 22/06/2020 | 22/11/2021 | | | | | | | | | | | |
| | NZUP Takitimu North Link Stage 2 | Property | 23/06/2020 | 31/05/2028 | | | | | | | | | | | |
| | (previously SH2 Omokoroa to Te Puna) | Implementation | 1/11/2022 | 31/05/2028 | | | | | | | | | | | |
| | | Post-Implementation | 31/05/2028 | 31/05/2029 | | | | | | | | | | | |
| | SH58 Safety Improvements - | Pre-Implementation | 3/02/2020 | 30/08/2021 | | | | | | | | | | | |
| | | Property | 3/02/2020 | 29/09/2021 | | | | | | | | | | | |
| | Stage 2 | Implementation | 23/03/2020 | 2/06/2023 | | | | | | | | | | | |
| | | Post-Implementation | 6/04/2022 | 6/06/2025 | | | | | | | | | | | |
| _ | | Business Case | 3/07/2017 | 2/03/2020 | | | | | | | | | | | |
| NO. | SH2 Melling Efficiency and Safety | Pre-Implementation | 31/01/2020 | 17/12/2021 | | | | | | | | | | | |
| WELLINGTON | Improvements | Property | 1/07/2020 | 1/12/2022 | | | | | | | | | | | |
| 🖹 | Improvements | Implementation | 26/11/2021 | 17/12/2026 | | | | | | | | | | | |
| WE | | Post-Implementation | 18/12/2026 | 28/12/2028 | | | | | | | | | | | |
| | | Business Case | 14/07/2020 | 23/11/2021 | | | | | | | | | | | |
| | | Pre-Implementation | 16/12/2019 | 8/03/2024 | | | | | | | | | | | |
| | Otaki to North of Levin (O2NL) | Property | 3/12/2020 | 1/01/2025 | | | | | | | | | | | |
| | | Implementation | 1/07/2023 | 17/06/2029 | | | | | | | | | | | |
| | | Post-Implementation | 2/07/2029 | 16/02/2032 | | | | | | | | | | | |



| Project | | Phases | Start Date | Finish | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|------------|---|---------------------|------------|------------|------|------|------|------|------|------|------|------|------|------|------|
| | | Business Case | 11/03/2020 | 1/02/2021 | | | | | | | | | | | |
| | | Pre-Implementation | 2/07/2021 | 5/07/2023 | | | | | | | | | | | |
| | Brougham St Corridor Improvements | Property | 6/07/2021 | 6/01/2023 | | | | | | | | | | | |
| | | Implementation | 22/08/2022 | 17/12/2025 | | | | | | | | | | | |
| | | Post-Implementation | 18/12/2025 | 21/01/2027 | | | | | | | | | | | |
| | | Business Case | 1/07/2020 | 26/11/2021 | | | | | | | | | | | |
| | | Pre-Implementation | 1/07/2020 | 23/02/2024 | | | | | | | | | | | |
| | Rolleston Transport Improvements | Property | 1/07/2021 | 26/09/2024 | | | | | | | | | | | |
| | | Implementation | 5/09/2022 | 4/12/2025 | | | | | | | | | | | |
| | | Post-Implementation | 9/01/2023 | 23/01/2026 | | | | | | | | | | | |
| | | Business Case | 15/09/2020 | 29/06/2021 | | | | | | | | | | | |
| | | Pre-Implementation | 14/07/2021 | 9/12/2021 | | | | | | | | | | | |
| ≿ | SH75 Halswell Rd Imps | Property | 22/09/2021 | 22/12/2022 | | | | | | | | | | | |
| BUR. | | Implementation | 12/12/2022 | 25/06/2024 | | | | | | | | | | | |
| CANTERBURY | | Post-Implementation | 2/07/2024 | 17/10/2024 | | | | | | | | | | | |
| AN | | Business Case | 2/06/2020 | 20/01/2021 | | | | | | | | | | | |
| Ö | | Pre-Implementation | 11/01/2021 | 18/06/2021 | | | | | | | | | | | |
| | SH73 Weedons-Ross Road Intersection | Property | 3/05/2021 | 1/06/2021 | | | | | | | | | | | |
| | | Implementation | 8/06/2021 | 30/03/2022 | | | | | | | | | | | |
| | | Post-Implementation | 29/04/2022 | 16/06/2022 | | | | | | | | | | | |
| | | Pre-Implementation | 29/06/2020 | 19/02/2021 | | | | | | | | | | | |
| | Walnut Avenue Intersection Improvements | Property | 30/06/2020 | 30/06/2021 | | | | | | | | | | | |
| | walnut Avenue intersection improvements | Implementation | 30/06/2020 | 20/10/2022 | | | | | | | | | | | |
| | | Post-Implementation | 21/10/2022 | 16/11/2023 | | | | | | | | | | | |
| | | Business Case | 6/07/2020 | 28/05/2021 | | | | | | | | | | | |
| | | Pre-Implementation | 1/06/2021 | 16/12/2021 | | | | | | | | | | | |
| | Tinwald Corridor Improvements | Property | 31/05/2021 | 10/12/2021 | | | | | | | | | | | |
| | | Implementation | 10/01/2022 | 27/01/2023 | | | | | | | | | | | |
| | | Post-Implementation | 20/03/2023 | 31/07/2023 | | | | | | | | | | | |



| Project | | Phases | Start Date | Finish | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 |
|---------|---|---------------------|------------|------------|------|------|------|------|------|------|------|------|------|------|------|
| | | Business Case | 1/06/2018 | 23/02/2021 | | | | | | | | | | | |
| | | Pre-Implementation | 1/03/2021 | 29/11/2021 | | | | | | | | | | | |
| | SH6A Corridor Improvements | Property | 1/03/2021 | 29/11/2021 | | | | | | | | | | | |
| | | Implementation | 1/12/2021 | 30/01/2025 | | | | | | | | | | | |
| | | Post-Implementation | 3/02/2025 | 29/06/2026 | | | | | | | | | | | |
| × | | Business Case | 1/06/2018 | 23/02/2021 | | | | | | | | | | | |
| 0 | SH6 Ladies Mile Stage 2 NZUP | Pre-Implementation | 1/03/2021 | 29/11/2021 | | | | | | | | | | | |
| INST | | Property | 1/03/2021 | 29/11/2021 | | | | | | | | | | | |
| QUEE | | Implementation | 1/12/2021 | 30/01/2025 | | | | | | | | | | | |
| ŏ | | Post-Implementation | 3/02/2025 | 29/06/2026 | | | | | | | | | | | |
| | | Business Case | 1/06/2018 | 23/02/2021 | | | | | | | | | | | |
| | Count Dal to KE Dailer Incomment (in al | Pre-Implementation | 1/03/2021 | 29/11/2021 | | | | | | | | | | | |
| | Grant Rd to KF Bridge Improvements (incl. Frankton Bus Hub) | Property | 1/03/2021 | 29/11/2021 | | | | | | | | | | | |
| | Frankton Bus Hubj | Implementation | 1/12/2021 | 30/01/2025 | | | | | | | | | | | |
| | | Post-Implementation | 3/02/2025 | 29/06/2026 | | | · | | | | | | | | |