



23 May 2024

9(2)(a) - Privacy

Project Manager
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Sent by email to: 9(2)(a) - Privacy@ccc.govt.nz

Dear 9(2)(a) - Privacy

Updated Strategy Scruttons Rd Level Crossing Upgrade

Thank you and your colleagues 9(2)(a) - Privacy for the time to meet this week and discuss the status of the Scruttons Rd Level Crossing Upgrade.

Following our discussions below is a summary of the actions the group agreed to move forward on. This strategy is the result of our discussions on safety and financial concerns related to the Scruttons Rd level crossing upgrade project and Heathcote Express cycleway. The agreed actions are as follows;

1. KiwiRail to cancel the three-day Block of Line (major construction works) from the current scheduled November 2024 and look to move to next calendar year likely May / June 2025 TBC. This will allow the Council time to arrange additional funding.
2. Project Team to continue design to completion of 100% Design Stage / For Construction Set.
3. KiwiRail QS to prepare further Cost Estimates at 85% and 100% design stages.
4. Fulton Hogan to carry on with on Level Crossing Pricing for 85% and 100% design stages.
5. Project team to continue to work with Fulton Hogan on Construction Planning Activities with a view that they will carry out the civil construction works for Council.
6. Related to safety review, we will work together on what would be required in place if the project team find that there is a requirement to close cycleway temporarily or longer term.
7. The project team will obtain an updated LCSIA which is based on the temporary measures in place. CCC and KR both confirm safety is paramount and if required the cycleway will be closed until financial issues are worked through.





Safety Considerations and Level Crossing Upgrade Works

It was clear that all parties at the meeting are focused on safety as a priority. This underpins the commitment by both KiwiRail and Christchurch City Council that this project will be resolved and the required upgrades be built in order for the existing cycleway to operate.

The current temporary mitigation measures in put in place October 2023 are as follows;

- Two New Dedicated Signals in operation specifically for Cycleway users
- Rail Warning Signage
- Level Crossing Surface Asphalt resurfaced by Fulton Hogan
- Fencing in place
- Reflective adhesive strips on cycleway
- Road markings

These mitigation measures were put in place with a view that the full upgrade would be completed in November 2024. As a group we agreed that a new LCSIA would be carried out calculating the safety and risk associated with having the temporary measures in longer term and an active cycleway in operation adjacent to the level crossing.

All were in agreement that the cycleway may need to close and if this is the outcome of additional risk assessment and LCSIA process, then the project team would do so.

Cost Estimate and Design Stages

We acknowledge the Council may need to obtain additional funding at the completion of the cost estimating process. By pushing the major works on the block of line out to next year, this will allow Council time to apply for any additional funding needed in alignment with Council annual plan timelines.

The 50% design stage cost estimate calculation came in at \$6.2 million in April 2024 which was significantly more than previous non QS costs provided. We discussed KiwiRail's recent implementation of a QS process to all projects which includes a significant contingency earlier in the design phase in order to cover uncertainty. This 50% design stage estimate has 45% contingency and escalation.

We agreed to proceed with design through to 100% and continue to carry out cost estimations based on the design.

We agreed that the costs related to moving the BOL works to next year and thereby extending the project programme overall would be incorporated into the cost estimates.

The group acknowledged that not purchasing the long lead items this year would also mean the costs of these items would likely increase.





Cost Estimate Process

The QS cost estimation and pricing by Fulton Hogan will be carried out in line with the design progress. This table sets out timing for these activities.

KiwiRail QS Estimate	Status and Timing	Fulton Hogan Pricing	Timing
50% Design Stage	Complete 10 April 2024	Not Applicable	Not Applicable
85% Design Stage	Due Mid June 2024	85% Drawing Set and Schedule of Prices Sent to FH May 2024	Response due 18 June 2024
100% Design Stage	Due August 2024	100% Drawing Set and Schedule of Prices Sent to FH May 2024	August 2024

Project Financial Commitment Stages

Below is a set out of stages the project can be broken into. This can facilitate financial planning and staged commitment discussions for CCC. KR will work on allocating updated costs to some of these stages in June to help with financial planning.

Scruttons Rd Financial Commitment Stages		
1	Design Completion	
2	Ongoing Project Management Engagement and Facilitation following Design Completion	
3	Long Lead Items	
4	Fulton Hogan Ducting Install (to Chapmans and towards Lyttleton) & Associated Civil Works	
5	Block Of Line Construction Works for Level Crossing Safety Upgrade	
6	Signals Commissioning for Level Crossing Safety Upgrade	

We will carry on as a project team with the above and also acknowledge the benefit of meeting as a group in person to talk through the status and strategy for a way forward.

We will look to set up a similar group meeting at the completion of the 100% estimate in August to track the outcome of the actions.

Kind regards,

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Project Manager Project Delivery Team KiwiRail

