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5 August 2020

Landpro Reference: 20012
Council Reference: APP-2020-2268

Nigel Bryce
Level 1,
The Chamberson,
77 Stuart Street
Dunedin, 9016

Dear Nigel,

Re: Clarification regarding Longford Shared Bridge and Pathway.

As discussed via phone and in reference to your email dated 28 July, please find outlined below matters of clarification that form part of the application. Also attached is an updated AEE and Landscape Report including more detailed consideration of the landscape provisions in the Regional Policy Statement (RPS) and Gore District Plan (DP) as they relate to the Mataura River as an Outstanding Natural Feature.

1 Response to Environment Southland S.92 request

We can confirm that the responses to Environment Southland RFI request also forms part of the Gore District Council application. To recap, questions from ES are in *italics* and the information contained in our response follows.

1.1 Paint and Lighting

"In depth details on paint colour and lighting to be used on the bridge. In particular, but not limited to, what colour of paint, what type of lighting, how many lights will be installed, what height they will be installed at

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and what direction they will face. I am requesting this information because the visual effects are of a concern at present and little detail has been supplied in the application regarding paint and lights."

Gore District Council (GDC) staff are working with the local Hokonui Runanga and seeking their advice for cultural sensitivity on this design. Any painting/ colour for the bridge mast will be in agreement with the local Runanga. The colours shown in the design drawings at present are a white mast, stainless steel wires and timber and steel bridge deck and railing materials.

The lighting design has not been commenced, yet. However, any lights on the bridge and cycling track will be primarily for public safety and amenity; downward facing pedestrian lighting, plus an aviation signal light on the top of the bridge mast.

Consent conditions to control these matters have been proposed in Section 5.13 of the Application, with a few further amendments proposed in underline:

> *6. Any lighting installed shall be downward facing and directed away from residential properties.*
>
> *7. Paint treatment of the mast shall be undertaken in consultation with a suitably qualified landscape architect and Hokonui Runanga to ensure that recessive colours are used. This may include patterns.*

1.2 Bridge Levels

"Confirmation of the eastern abutment construction level. The design diagram shows the soffit at a level of 76.4m (plan S101), but the abutment set out plan shows a level 76.269m (SOP-EA1) plan S111. I am requesting this information because Council's Engineer has some concerns relating to the inconsistent construction levels of the eastern abutment."

The abutment shelf level on S111 is not the same thing as the beam soffit level as shown on S101. Between these two levels is the abutment bearing of circa 130mm (see Figure 1 below). This is not an inconsistency.

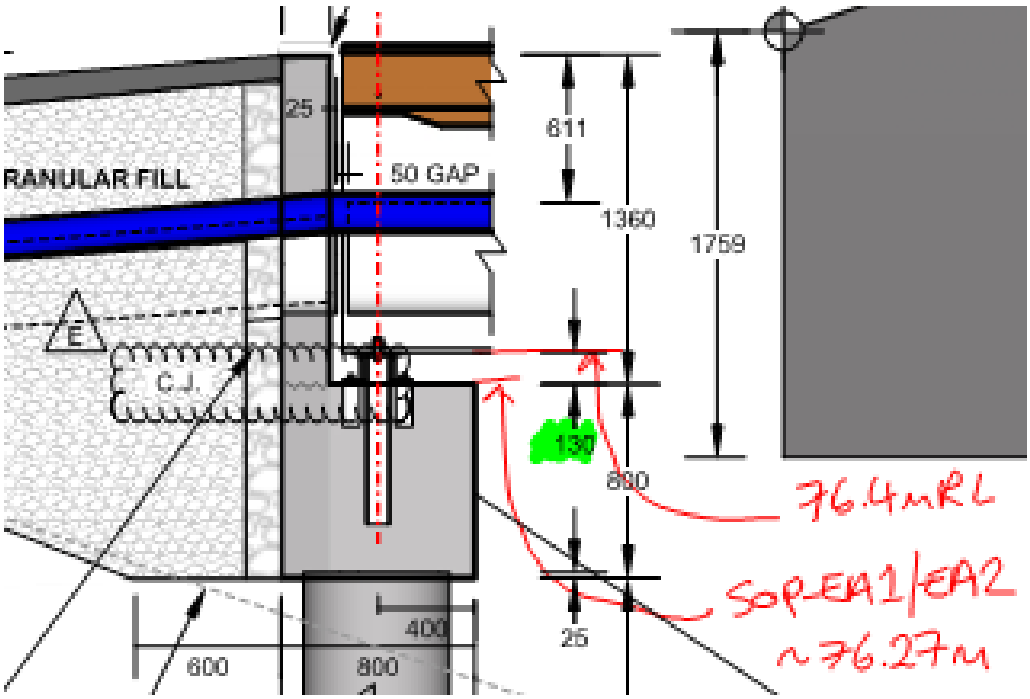


Figure 1: Abutment shelf and beam soffit levels

The entire structure has been modelled in 3D over the top of the 3D survey contours (see Figure 2 below). The set-out has been taken directly from the modelling which mitigates any irregularities from potential conversion and/or offsets that might otherwise be used. This 3D design approach provides added confidence that vertical levels are consistent across all vertical and lateral planes of the structure.

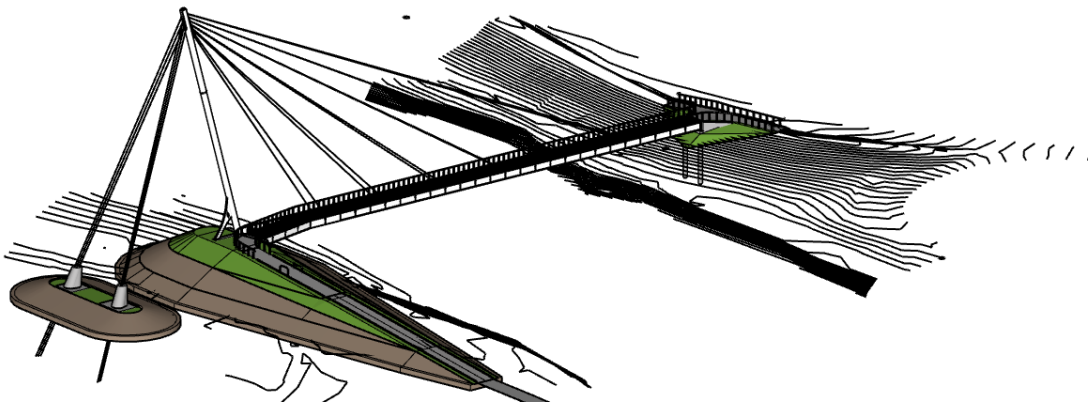


Figure 2: 3D modelling

1.3 Work on cycleway/walkway

"Confirmation that no work associated with the cycleway/walkway in the floodway or stopbank will be undertaken until authorization under the Southland Flood Control and Drainage Management Bylaw 2020 has been granted."

GDC can confirm that no work associated with the cycleway/walkway in the floodway or stopbank will be undertaken until authorisation under the Southland Flood Control and Drainage Management Bylaw 2020 has been granted.

1.4 Culvert

The culvert meets the all permitted activity thresholds under Rule 28 of the Regional Water Plan (RWP) and Rule 59 of the Proposed Southland Water and Land Plan (PSLWP).

Specifically, the culvert will:

- Have a diameter less than 1,200mm;
- Be positioned to align with the river;
- Be purpose built for the passage of water;
- Be installed to a depth of 300mm; and
- Not have fill greater than 4m vertically.

Refer to the culvert design drawing on page 4 of Appendix B (Preliminary Shared Path Design Plans) of the application for further details. Please note that this drawing specifies an "invert 100mm below bed". Following discussion with the engineers, these plans will be updated to reflect a design invert level of 300mm as per the respective plan rules.

2 Earthworks

The western embankment is estimated to have a total earthworks volume of 1168m^3, with a finished height of approximately 5860mm at the northern end of the western embankment. For further

information on the earthworks design, please refer to page 8 of Appendix A (Detailed Bridge Design Plans).

3 Titles

Please see the attached Certificate of Title for Lot 2 Section 80 Blk XVI Town of Gore (SL14/120). Please note that there is no Certificate of Title available for Pt Block XXVI Town of Gore.

I trust that the information set out above satisfies the request for clarification. However, if you have any further queries, please do not hesitate to contact me.

Kind Regards,



Claire Perkins

Senior Planner / Team Leader