

 GISBORNE DISTRICT COUNCIL		Development Engineer Technical Report	
		Action	Date
		Complexity extension request	No
		s92 request sent to planner	No
		S92 response reviewed	N/A

Consent Number	113441	Site Visit - Date	
Site Address	SH2 RP406/8.830		
Proposal	undertake flood resilience works and upgrades to the stop bank adjacent to and within the Waipaoa River to reduce the existing and potential flooding effects on Te Karaka township.		
Zone	Rural General General Residential	Road Hierarchy	Arterial SH2 Local Rangatira Rd
Reticulated Services	Outside Boundary	Land Overlay	Land 1
Other Relevant Overlays	Site One North end - Adjacent F1 and F4 Site Two South end - Adjacent F3 Site Three Rangatira Rd – F4		

Notes from Planner	please review Appendix 5: Road Raising Concept Design Report and drawing and the Concept Design report (Page 357) advise any concerns regarding the effects of the proposed works on traffic.
Notes for Specialist	(incl. page nos.)

Matter	Assessment, comments or further information
NZTA SH2 Highway implications	Further info required (s92) N/A
	Summary of proposal with respect to the matter. Road raising to pass over north and south ends of Proposed stop banks Design criteria meet AUSTROADS Standards – minimum levels
	Assessment of Matters/effects Design allows for safe passage over the stop banks Note highway outside protected area may be inundated in major events
	Conditions / action required & reason Road Raising Design report and drawings for SH2 Sites 1 & 2 to be submitted to NZTA for EPA
NZTA SH2 Highway Vehicle Crossings	Further info required (s92) N/A
	Summary of proposal with respect to the matter. Some existing rural entrances are adjacent the proposed road raising
	Assessment of Matters/effects Rural entrances to SH2 affected by road raising works to meet NZTA requirements including surfacing, alignment, culverts and sight lines.
	Conditions / action required & reason Vehicle Entrance design and drawings to be submitted to NZTA for EPA
GDC Local Road implications	Further info required (s92) N/A
	Summary of proposal with respect to the matter. Road raising to pass over Proposed stop bank to access Rangatira Bridge Design criteria not described in App 5 – may not meet ECoP minimum levels
	Assessment of Matters/effects Design allows for safe passage over the stop bank to the existing bridge Note bridge and road outside protected area may be inundated in 1% AEP

	Conditions / action required & reason Road Raising Design report and drawings for Rangatira Road to be submitted to DE for EPA
GDC	Further info required (s92) N/A
Local Road	Summary of proposal with respect to the matter.
Vehicle	Road raising will affect some existing vehicle entrances to Rangatira Rd.
Crossings	Assessment of Matters/effects Vehicle crossings to Rangatira Rd affected by road raising works to meet GDC ECoP requirements including surfacing, alignment, culverts and sight lines.
	Conditions / action required & reason Vehicle crossing design and drawings to be submitted to DE for EPA
Access Lots	Further info required (s92) N/A
	Summary of proposal with respect to the matter. N/A
	Assessment of Matters/effects N/A
	Conditions / action required & reason N/A
Wastewater Disposal	Further info required (s92) N/A
	Summary of proposal with respect to the matter. N/A
	Assessment of Matters/effects N/A
	Conditions / action required & reason N/A
Stormwater Disposal	Further info required (s92) N/A
	Summary of proposal with respect to the matter.
	Proposed extension of existing culverts under SH2 beyond road raising
	Assessment of Matters/effects
	Existing road drainage will be relocated by the proposed road works
	Conditions / action required & reason N/A
Flooding Effects	Further info required (s92) N/A
Ø/lays, ReG, SW Models	Summary of proposal with respect to the matter. N/A
	Assessment of Matters/effects N/A
	Conditions / action required & reason N/A
Building Platforms	Further info required (s92) N/A
(suitability)	Summary of proposal with respect to the matter. N/A
FFL height	Assessment of Matters/effects N/A
	Conditions / action required & reason N/A
Any other matters	Further info required (s92) N/A
Easements	Summary of proposal with respect to the matter.
ROW, Utilities.	Proposed work by Network Utilities to upgrade and/or maintain assets.
etc.	Assessment of Matters/effects
	Existing access arrangements under SH2 Limited Access Road rules continue.
	Conditions / action required & reason N/A

Notes to Planner	NZTA State Highway 2 Appendix 5 Concept Design Report covers the 2 Sites on SH2 and includes the design criteria to meet AUSTROADS Standards – minimum levels The design will be subject to NZTA approval processes. GDC Rangatira Road A drawing of the Rangatira Rd site is included in the report but it is silent on the design criteria used for the road raising. The design & drawing need to take account of the limited stopping sight distance due the crest height over the stop bank. The proposed lane width is for one lane of traffic, but road shoulders are very narrow, with no provision for pedestrians. The estimated traffic count of 100 vehicles per day includes 6% Heavy Vehicles. Vehicle entrances that require raising due to the earthworks for road raising will require detailed design to ensure safe sight distances and safe entry to the road as per the GDC Engineering Code of Practice.
-------------------------	---

	S92 RFI Response: The design has been subject to a Safe Systems Audit and ongoing reviews to ensure compliance with ECoP. (The CoP includes compliance with current NZTA and AustRoads standards – formerly Transit NZ and NAASRA) The recommended condition for Engineering Plan Approval (EPA) will formalise approval process for the final design and Construction plans.
--	---

Code	Recommended Conditions and Advice Notes
AC5	Road Raising Design – Rangatira Road
	Prior to commencement of the road raising works on Rangatira Road, the consent holder shall submit design/construction drawings for the road raising and vehicle crossings to Gisborne District Council's Development Engineer for certification. The design shall be in accordance with Council's standards as set out in the Tairāwhiti Resource Management Plan and Gisborne District Council's Engineering Code of Practice or Austroads and shall include (but not be limited to): a) Geometric design including Vertical Alignment b) Pavement design including Surfacing and Traffic Services c) Earthworks design d) Disposal of stormwater including all structures e) Long term erosion and sediment control.
VC1	Vehicle crossing – upgrade
	Prior to completion of the works the consent holder shall upgrade the existing vehicle entrances affected by the works on SH2 in accordance with NZTA Appendix B Diagram C Vehicle Entrance or alternative standard.
	Prior to completion of the works the consent holder shall upgrade the existing vehicle crossings affected by the works on Rangatira Road in accordance with the Tairāwhiti Resource Management Plan and Gisborne District Council's Engineering Code of Practice 2000 Type A Sealed Vehicle Entrance.

Name:	R Beale	Development Engineer	Date finalised	06-05-2026 29-06-2026
--------------	---------	----------------------	-----------------------	--------------------------