



WSP

One crossing, two  
crossings, three  
crossings?

*Maddison Phillips, Senior Civil Engineer  
at WSP Queenstown*





Edith Cavell Bridge in 1919 (Lakes District Museum Archives)

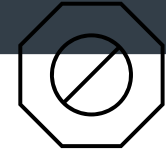


Edith Cavell Bridge in 2022

Provide a safer, more accessible path for all confidence levels of pedestrian and cyclist between existing routes (and planned upgrades) in the short term.



Improve overall network and route resilience to seismic events and closures of SH6A in the long term.



Ensure travel time reliability is maintained for growing vehicle traffic volumes.



Enable future land use development and growth by providing additional traffic and utilities capacity.



# What we are considering?

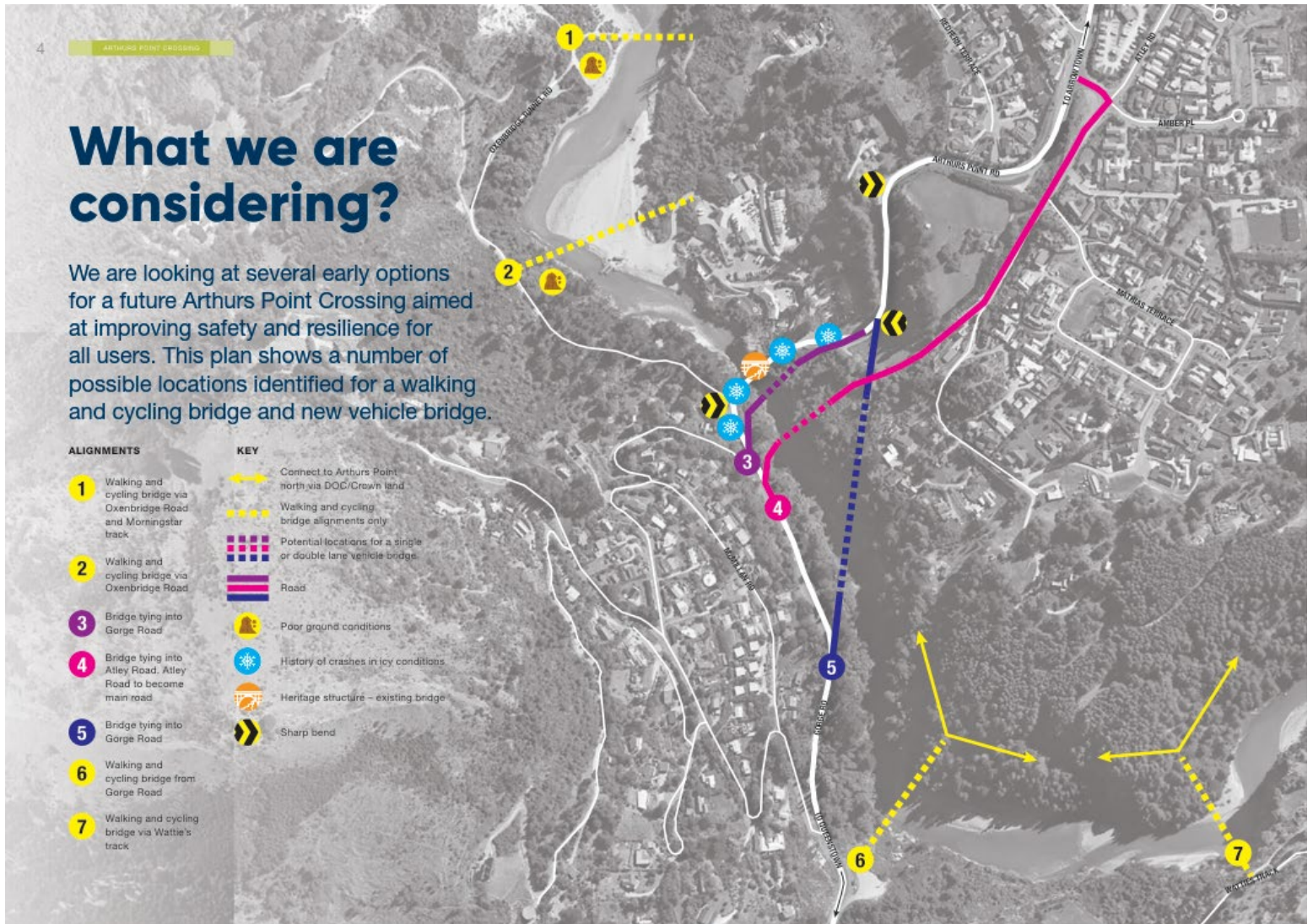
We are looking at several early options for a future Arthurs Point Crossing aimed at improving safety and resilience for all users. This plan shows a number of possible locations identified for a walking and cycling bridge and new vehicle bridge.

## ALIGNMENTS

- 1** Walking and cycling bridge via Oxenbridge Road and Morningside track
- 2** Walking and cycling bridge via Oxenbridge Road
- 3** Bridge tying into Gorge Road
- 4** Bridge tying into Atley Road. Atley Road to become main road
- 5** Bridge tying into Gorge Road
- 6** Walking and cycling bridge from Gorge Road
- 7** Walking and cycling bridge via Wattie's track

## KEY

-  Connect to Arthurs Point north via DOC/Crown land
-  Walking and cycling bridge alignments only
-  Potential locations for a single or double lane vehicle bridge.
-  Road
-  Poor ground conditions
-  History of crashes in icy conditions
-  Heritage structure – existing bridge
-  Sharp bend

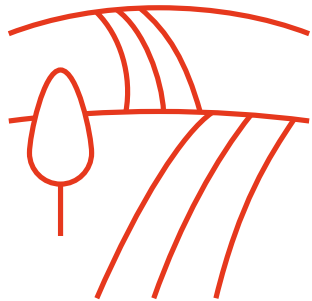


Extract of *Way to Go* Stakeholder Engagement Brochure

What is a  
PGAR and why  
do we need  
one?



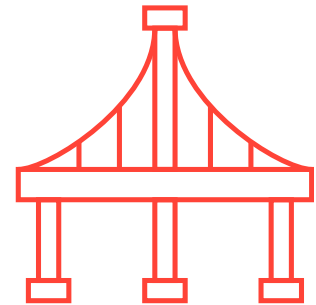
# What risks did we identify for the crossing options?



SITE TOPOGRAPHY



SITE GEOLOGY



CHALLENGING  
STRUCTURES



IT IS FEASIBLE – BUT IS IT  
PRACTICAL..AND HOW MUCH WILL  
IT COST?



There is a risk



We should  
investigate the  
risk further



~~There is no budget  
for investigation,  
can't you just tell me  
how big the risk is?  
We can fix it later,  
let's decide on the  
best option first~~

Thank you

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