

Lessons learned from one of New Zealand's most challenging civil engineering projects: rebuilding the earthquake damaged pipes, roads, bridges and retaining walls in the city of Christchurch 2011 - 2016.

Armagh Street bridge – photographic record of the works

Story: Heritage Bridges

Theme: Construction

A document containing photographs of SCIRT's Armagh Street bridge repairs.

This document has been provided as an example of a tool that might be useful for other organisations undertaking complex disaster recovery or infrastructure rebuild programmes.

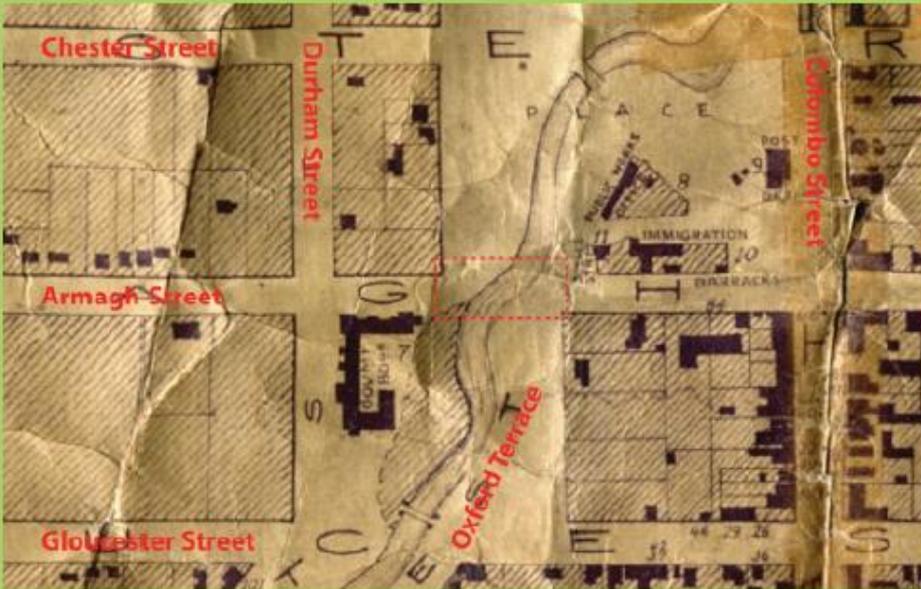
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Photographic Record of the Works



Historic map of Christchurch before the timber Armagh Street bridge was built in 1873



The main crack to the brick barrel



Armagh Street Bridge in 1914



Christchurch City Tour tram passing over the Armagh Street Bridge



Brick diorama showing cross pinning and stitching



A built for purpose storage box for the dismantling of balustrade. Each compartment was labelled to ensure it was returned to the correct place

ARMAGH STREET BRIDGE REPAIRS



The main crack and western abutment



1



Bricks placed along the crack



3



2



Above: Samples of the heritage finds from site



4



6



5



The Goldfield Stone team, placing mortar around newly installed bricks



Installation of grout tubes ready for injection



The tram running over the completed Armagh Repairs



The completed bridge



The completed brick work