

December 2022 Updated for Escalation

Escalation Uplifts, as noted below in Red & Yellow
 ABS Escalation Data utilised See Below

Background

Jacobs have previously prepared various estimates for Bridge Options. Diana Au from Government (DoT / Department of Jobs, Precinct and Regions) has approached Jacobs and Jonathan Howe, for updating of Estimates

As per DoT's request, the updates are limited to the following;

Guide Cost - \$M

- 2a **Salmon Street - utilise existing road bridge, and new dedicated cycling and pedestrian lanes**

\$ 75.3 Utilise Existing Bridge, add new SUP Bridge (Cycle/Ped Only)

Note / General Disclaimers: The previous estimates are high level cost plans, which were suitable for comparison purposes, to assist in assessing options. These estimates continue as high level cost plans, without structural verification, and without structural design. There are some limitations to these estimates, due to no geotechnical information, constructability assessments, etc. However, the Jacobs Estimators have taken all care to represent realistic and reasonable cost plans, which are consistent with the previous cost plans. These cost plans have been benchmarked against similar projects.

2a **PEDESTRIAN & CYCLEWAY BRIDGE - 420M x 7m WIDE**

Salmon Street
 Concept Design

Notes:

- a Guide images below focus on the potential for a Cycleway & Pedestrian Bridge on the **Western Side** of the Existing Salmon Street Bridge.
- b Similar, there would be an option to construct on the Eastern Side of the existing road bridge
- c Minor road widening could be required, taking up small areas of the existing medians, for road safety
- d Some services relocations would be required

2a **PEDESTRIAN & CYCLEWAY BRIDGE - 350M x 7m WIDE**

Salmon Street

Nov 2020 New Estimate

Site Preparation and Demolition Allowances, to establish Bridge Abutments, etc.	5,000 m2	50	250,000
Cycle Bridge: 350m Long x 7m Wide - indicative	2,450 m2	8,000	19,600,000
General allowance for local road modifications - Lane Lengths of around 150m x 5m x ~\$250	750 m2	250	187,500
Utilities and Services Allowances - drainage, power, etc.	1 Item	1,000,000	1,000,000
Traffic Management - including Freeway Closures	1 Item	3,000,000	3,000,000
New Freeway Gantry, as new bridge is likely to obscure existing gantry - these are expensive structures, which we have current costs on from Monash Freeway Upgrades - not required at this location	- Item	2,500,000	-
Traffic Light and Intersection Modifications - allowance	1 Item	1,000,000	1,000,000
Pedestrian Lights	2 Sets	125,000	250,000
Contractors Costs	30%		7,586,250

**2 Years of Infrastructure Escalation, Vic Heavy Infra Roads & Bridges
 - Dec 2022 Update** **14.8% of** **32,873,750** **4,865,315**

TOTAL **37,739,065**

Client Costs

Strategic Planning & Project Development	2%	754,781
Project Delivery Management	15%	5,660,860
Program Administration	5%	1,886,953
Design	10%	3,773,907
Miscellaneous, Survey, Other	1%	377,391

TOTAL **50,193,000**

Inherent Risk Allowance	25%	12,548,000
Contingent Risk Allowance	25%	12,548,000

GRAND TOTAL **75,289,000**