

# OPTION 1 BETWEEN THE BRIDGES, 2 X RAIL TRACKS

Option 1 proposes to build two new bridges between the existing rail bridge and the existing Fremantle Traffic Bridge. The new passenger rail bridge includes two tracks, to the east of the current rail bridge.

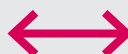



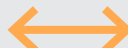

### Key considerations:

- all transport infrastructure would be closer together, maximising the available space for urban landscape and design on the southern bank
- facilitates the possible retention of a remnant portion of the existing Fremantle Traffic Bridge
- constrained site would make design and construction more complex
- the heritage listed Ferry Capstan base would need to be relocated or reinterpreted
- current estimates would see construction of this alignment finished by late 2025.

- ➊ New rail bridge, 2 new rail tracks
- ➋ Existing rail bridge
- ➌ New road bridge, 4 road lanes, western alignment
- ➍ New PSP (Principal Shared Path)
- ➎ New pedestrian footpath
- ➏ Remnant Fremantle Traffic Bridge

Existing bridge to remain in part and functional as new bridge is under construction.

### KEY SITE CONNECTIVITY

	PEDESTRIAN		SITE BOUNDARY
	PSP (Principal Shared Path)		NEW RAIL
	VEHICLE		EXISTING RAIL



# OPTION 2 BETWEEN THE BRIDGES, 1 X RAIL TRACK

Option 2 proposes to build two new bridges between the existing rail bridge and the existing Fremantle Traffic Bridge. The new passenger rail bridge includes one track, to the east of the current rail bridge.



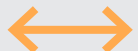

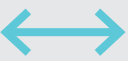

**Key considerations:**

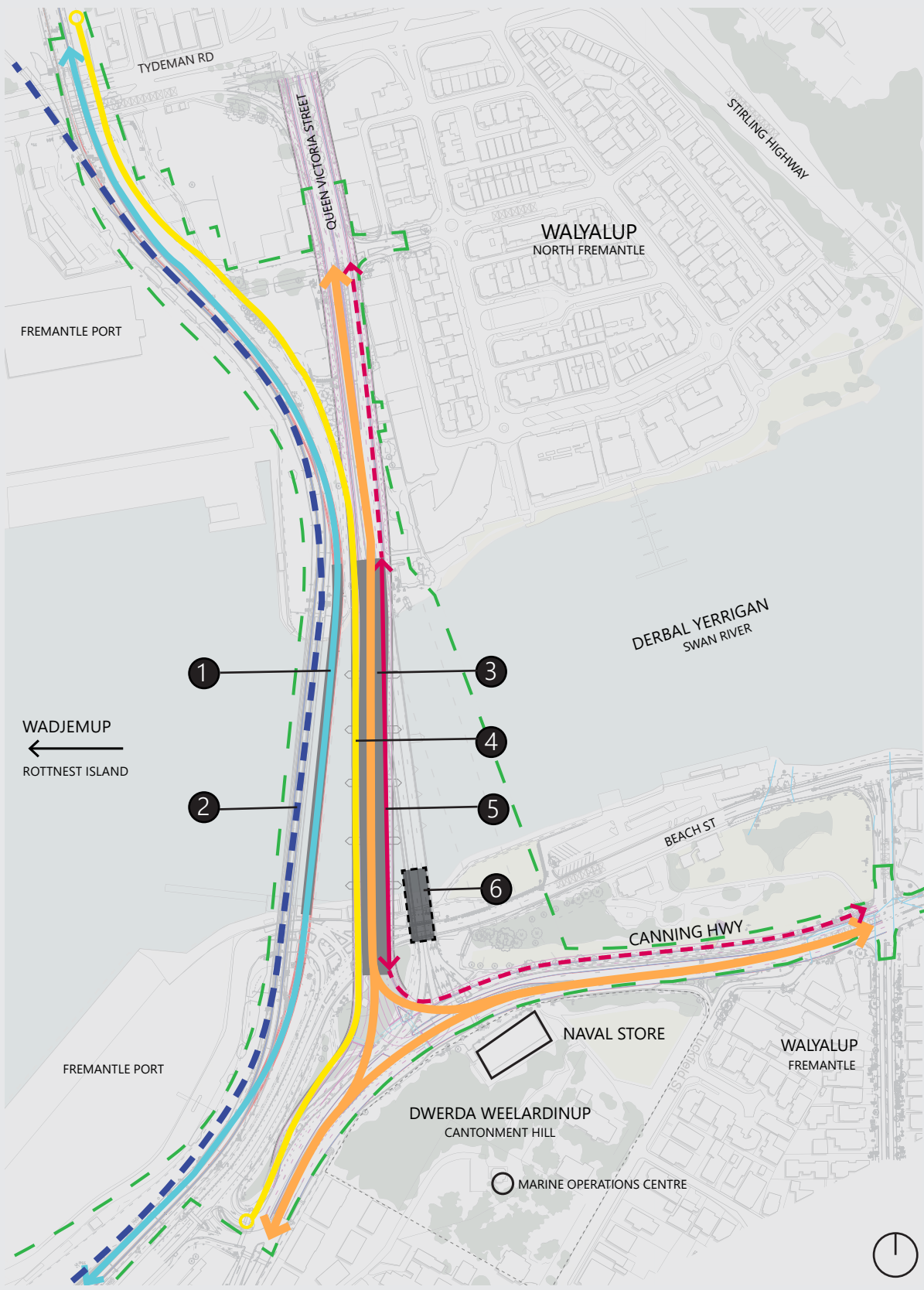
- all transport infrastructure would be closer together, maximising the available space for urban landscape and design on the southern bank
- facilitates the possible retention of a remnant portion of the existing Fremantle Traffic Bridge
- the heritage listed Ferry Capstan base would need to be relocated or reinterpreted
- the rail bridge would only facilitate one new track for passengers
- existing rail bridge would require significant work (or replacement) in 30 to 40 years
- current estimates would see construction of this alignment finished by late 2025.

- 1** New rail bridge, 1 new rail track
- 2** Existing rail bridge
- 3** New road bridge, 4 road lanes, western alignment
- 4** New PSP (Principal Shared Path)
- 5** New pedestrian footpath
- 6** Remnant Fremantle Traffic Bridge

Existing bridge to remain in part and functional as new bridge is under construction.

**KEY SITE CONNECTIVITY**

-  PEDESTRIAN
-  PSP (Principal Shared Path)
-  VEHICLE
-  SITE BOUNDARY
-  NEW RAIL
-  EXISTING RAIL





# OPTION 3 TO THE EAST, 2 X RAIL TRACKS

Option 3 proposes to build the new traffic bridge to the east of the existing Fremantle Traffic Bridge and includes a new passenger rail bridge with two tracks, to the east of the current rail bridge. This is the alignment that was presented by Main Roads last year.

**Key considerations:**

- facilitates the possible retention of a remnant portion of the old Fremantle Traffic Bridge, in between the new rail and road bridges
- alignment (including footpath) would move approximately 15m closer to the northern bank apartments than the existing alignment
- simpler more efficient southern intersection (Canning Hwy / Queen Victoria St)
- the alignment would widen the footprint of the transport infrastructure
- current estimates would see construction of this alignment finished by late 2024.

- 1

New rail bridge, 2 rail tracks
- 2

Existing rail bridge
- 3

New road bridge, 4 road lanes, eastern alignment
- 4


New PSP (Principal Shared Path)
- 5


New pedestrian footpath
- 6

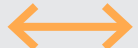
Remnant Fremantle Traffic Bridge


Existing bridge to remain in part and functional as new bridge is under construction.

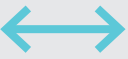
**KEY SITE CONNECTIVITY**


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PEDESTRIAN
- 

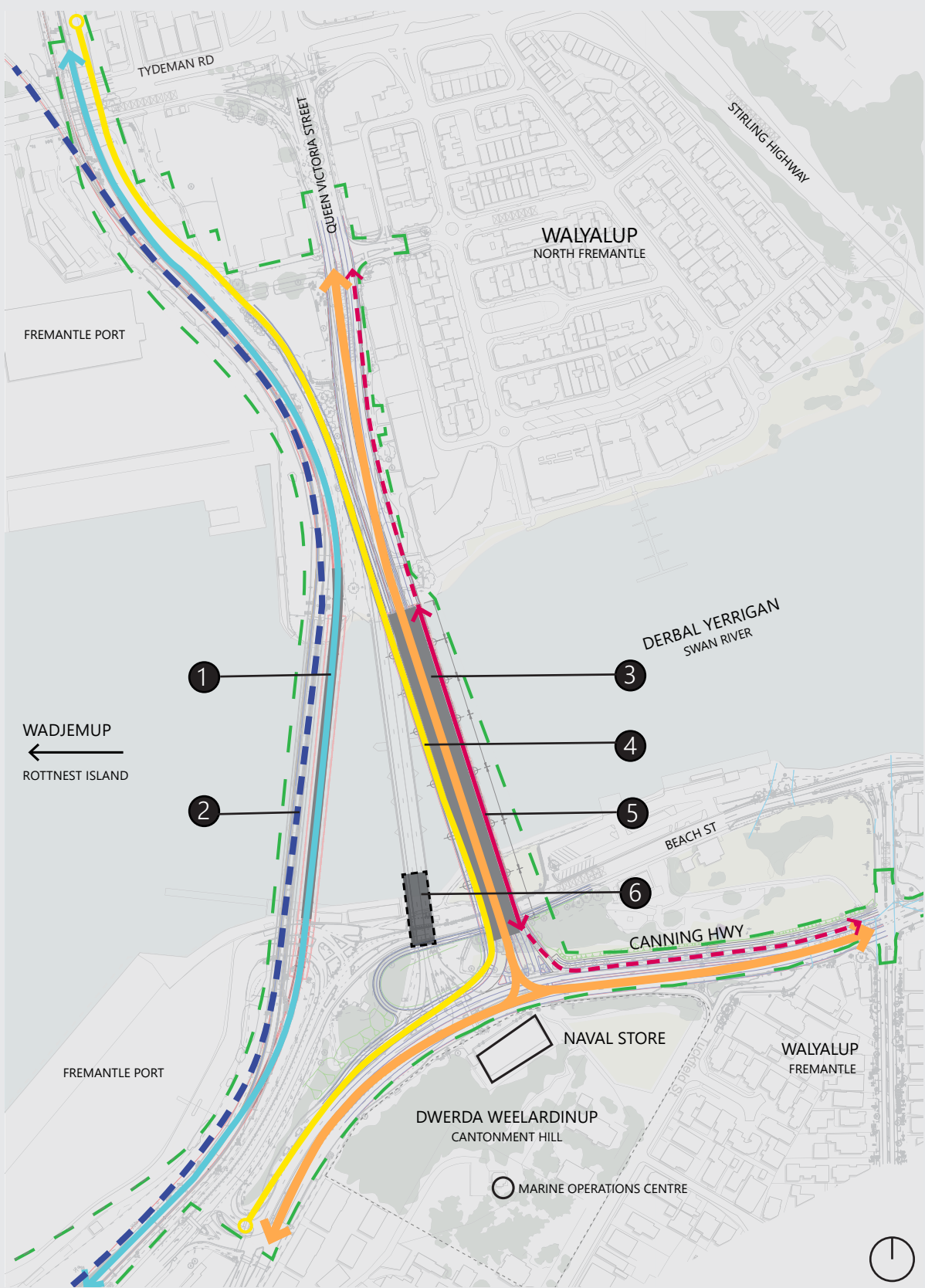
PSP (Principal Shared Path)
- 

VEHICLE
- 

SITE BOUNDARY
- 

NEW RAIL
- 

EXISTING RAIL



# OPTION 4 CURRENT LOCATION, 2 X RAIL TRACKS

Option 4 proposes to build the new traffic bridge on the same alignment as the existing Fremantle Traffic Bridge and includes a new passenger rail bridge with two tracks, to the east of the current rail bridge.





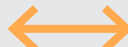

### Key considerations:

- reduced construction complexities due to demolition of existing Fremantle Traffic Bridge
- the alignment would be on an already disturbed footprint of development
- the alignment would require the full closure of the existing Fremantle Traffic Bridge for up to 2 years, which is expected to have a significant impact on the adjacent road network
- heritage aspects would need to be interpreted differently as the new bridge would replace the current structure
- current estimates would see construction of this alignment finished by late 2024.

- 1 New rail bridge, 2 rail tracks
- 2 Existing rail bridge
- 3 New road bridge, 4 road lanes, western alignment
- 4 New PSP (Principal Shared Path)
- 5 New pedestrian footpath

Existing bridge to to be completely demolished and all traffic to be diverted onto Stirling Bridge during construction of new bridge.

### KEY SITE CONNECTIVITY

	PEDESTRIAN		SITE BOUNDARY
	PSP (Principal Shared Path)		NEW RAIL
	VEHICLE		EXISTING RAIL

