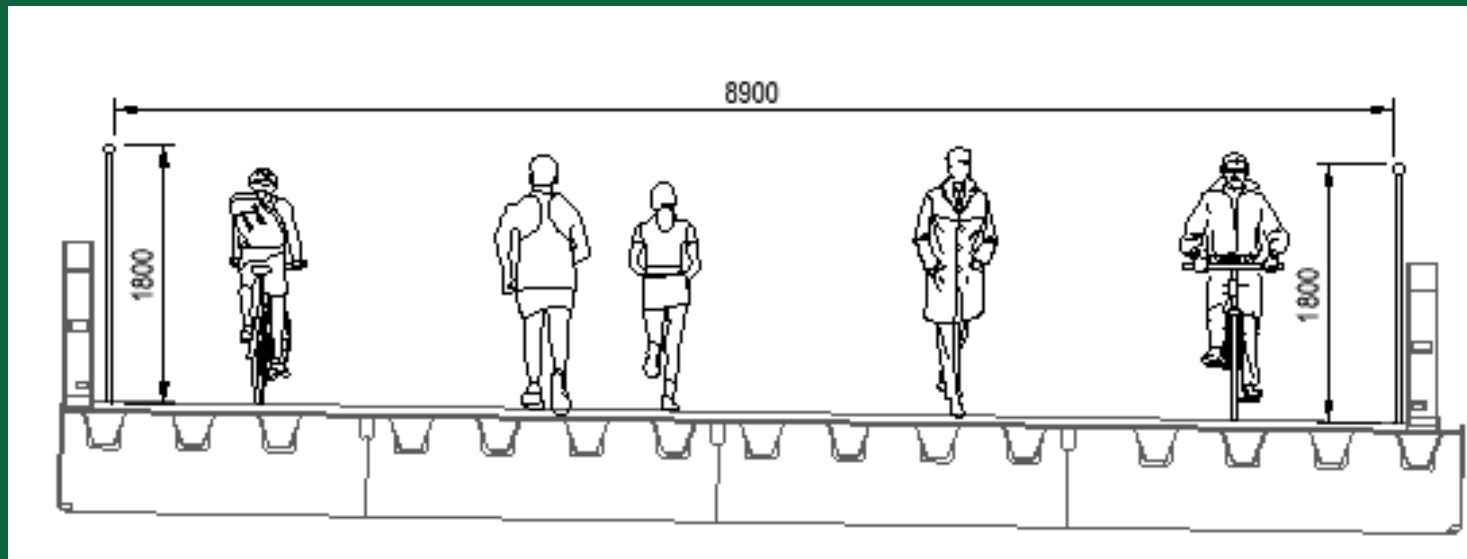


Southbound Walking & Cycling Event

Option
SB

Cross Section - Overarch Span



Key Risks & Mitigations

Risk	Mitigation
Event patrons in close proximity to traffic	Steel barrier system between users & vehicles
Event patrons access to harbour	Fencing, Strategically stationed security personnel
Steep bridge gradient	Clear delineation of mode types, speed limit signage
Network and stakeholder impacts	Extensive communications plan and strategy
Inclement weather during event	Quick deploy plan to remove patrons from AHB

Option Specific Issues & Opportunities

- Security upgrades required (e.g. lighting) at Tennyson Street Underpass
- Ramp/scaffold construction required at north access point
- Vehicle access at Sulphur Beach Road & Sulphur Beach Road Underpass will have to be restricted
- Only 1 ramp closure required (Shelly Beach Road)

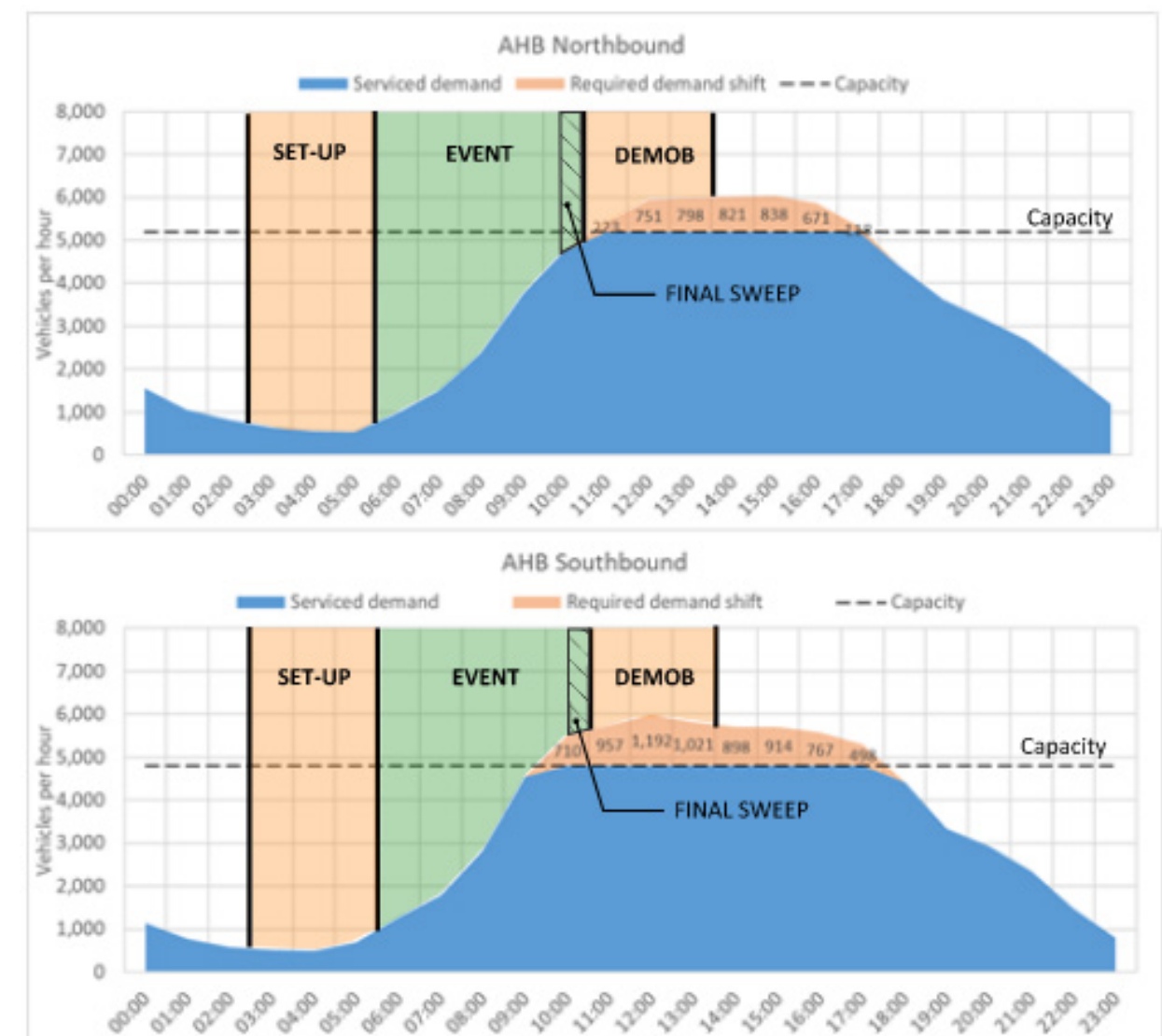
Estimated Costs

Barriers, Attenuator, Signage	\$200,000
Access	\$20,000
Communications	\$20,000
Mobilisation & Demobilisation	\$80,000
Security & Safety Upgrades	\$10,000
Design & Project Management	\$40,000
Contingency	\$50,000
TOTAL	\$420,000

AHB Traffic Demand v. Capacity

Sunday morning - 3 traffic lanes northbound, 3 traffic lanes southbound

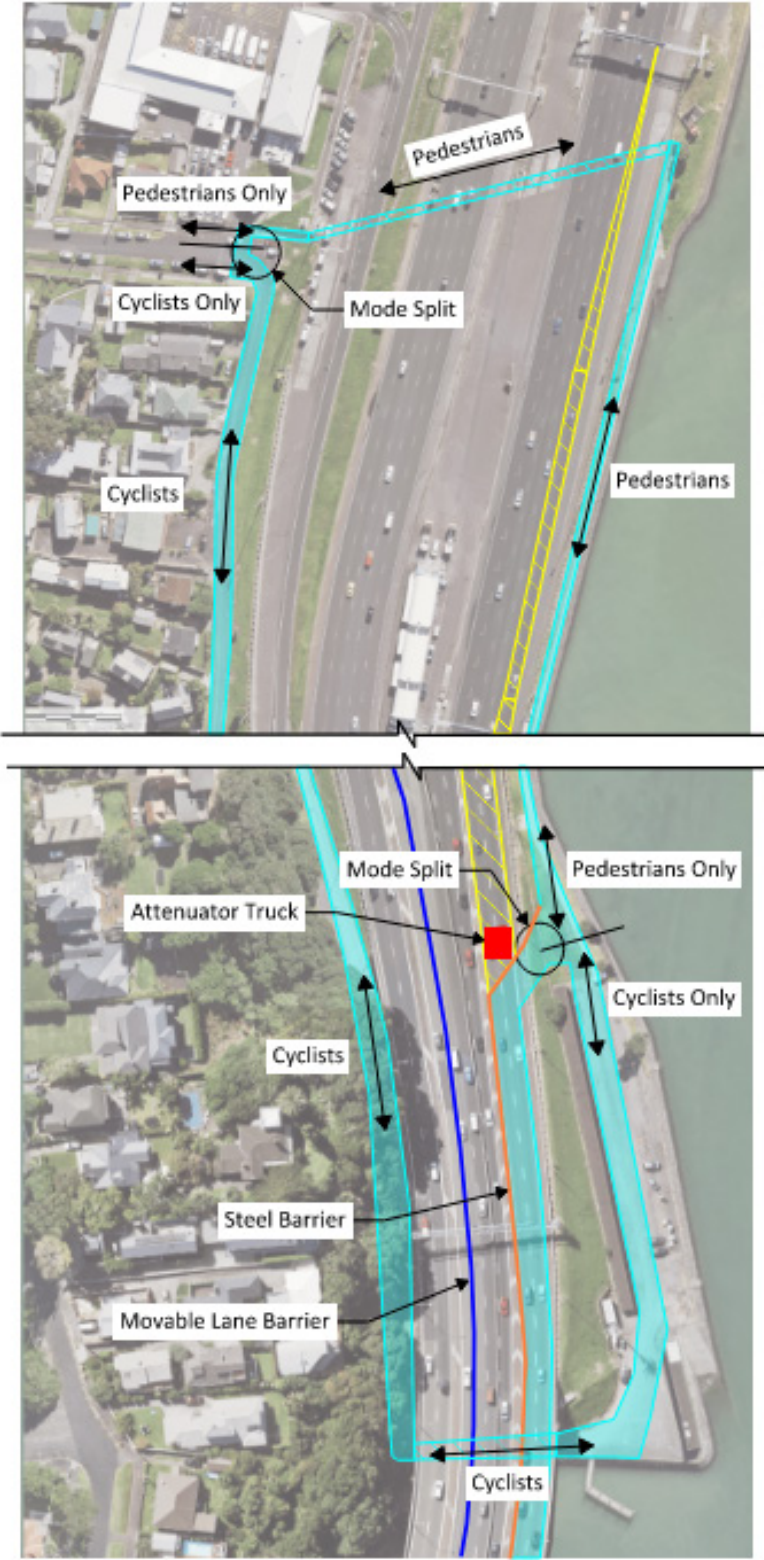
In a 3 lane northbound/3 lane southbound configuration, the capacity of the Auckland Harbour Bridge is slightly greater than 5,000 vehicles per hour in each direction. Based on typical Sunday traffic volumes, traffic demand would be greater than capacity between 11am and 2pm in the northbound direction, and 10am and 2pm in the southbound direction. A strong communications strategy alerting motorists and heavy haulage to the event will assist in mitigating this by allowing vehicles time to plan to use alternate routes.



Southbound Walking & Cycling Event - Access

Option
SB

North Access - via Tennyson Street Underpass & Suphur Beach Road



South Access - via Shelly Beach Road & Westhaven Drive

