

1. Work Zone Along Belmont Road

1.1 AV Routes and Swept Paths

A 19m long and 2.5m wide Articulated Vehicle (AV) is used for the swept path analysis.

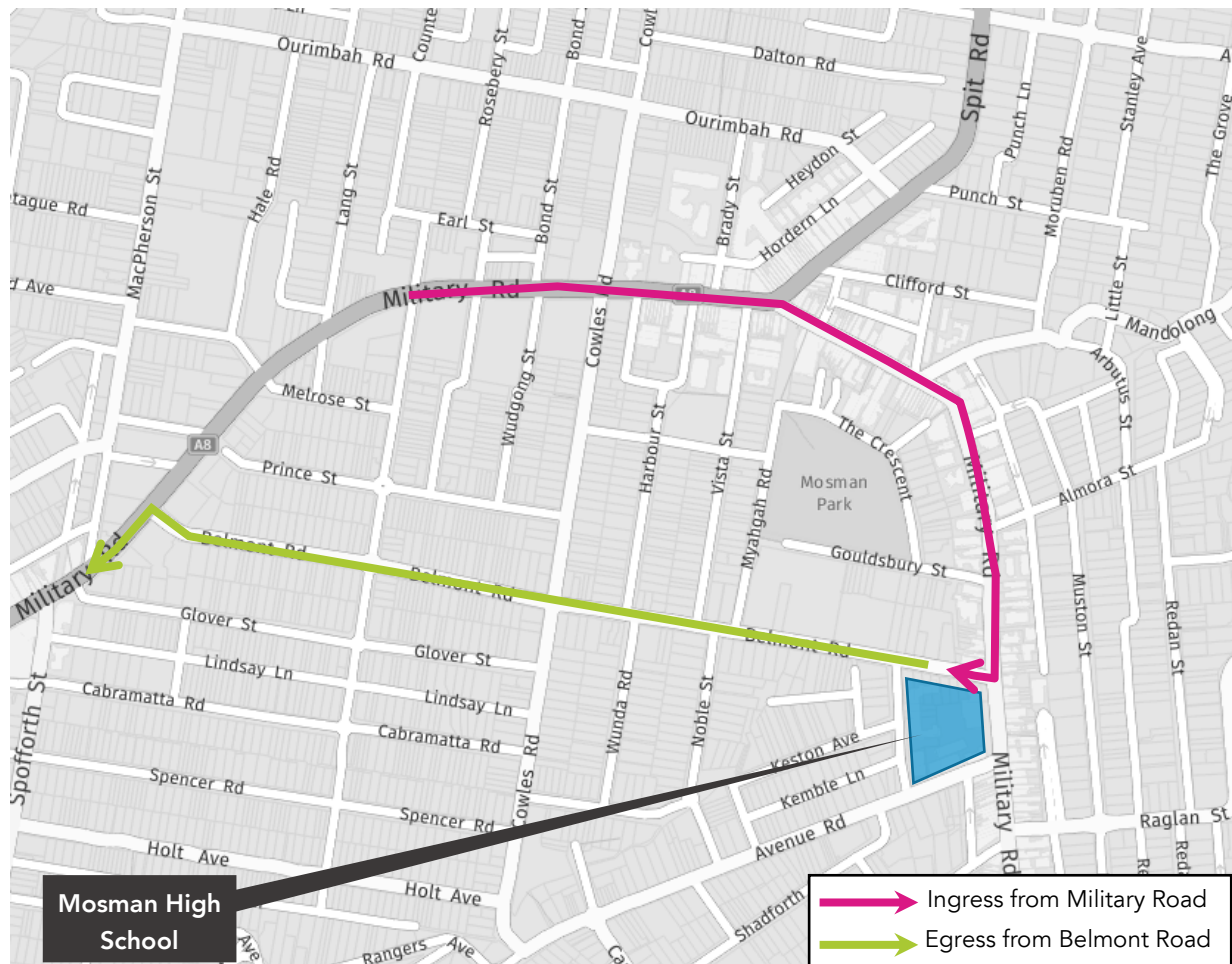


Figure 1 – AV Entry and Exit Routes

1.1.1 Entry Route via Military Road

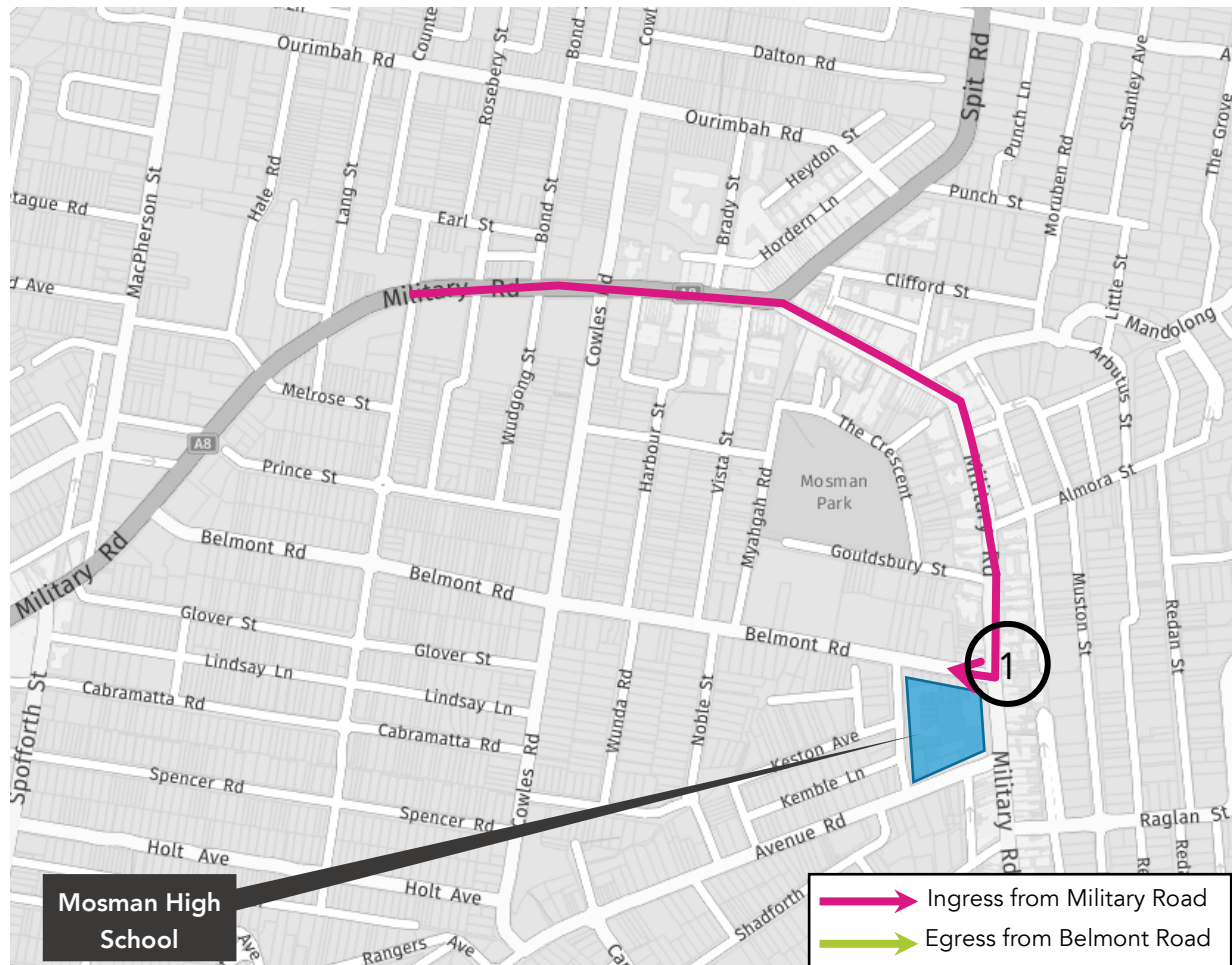
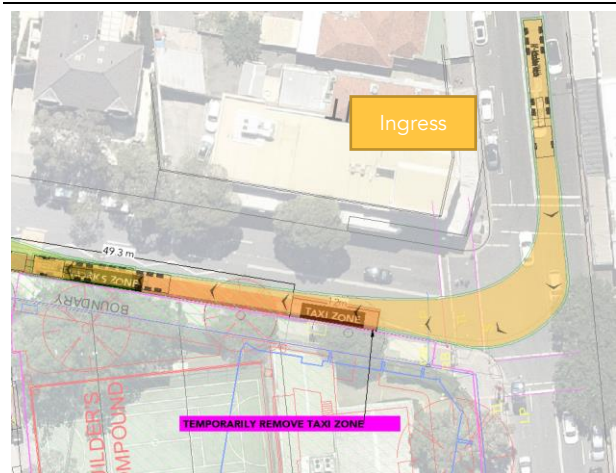


Figure 2 – Entry via Military Road

Entry Route via Military Road

1 – Military Road / Belmont Road



- No traffic control measures required.
- The taxi zone has to be temporarily removed to accommodate the turning movement.

1.1.2 Exit Route via Belmont Road

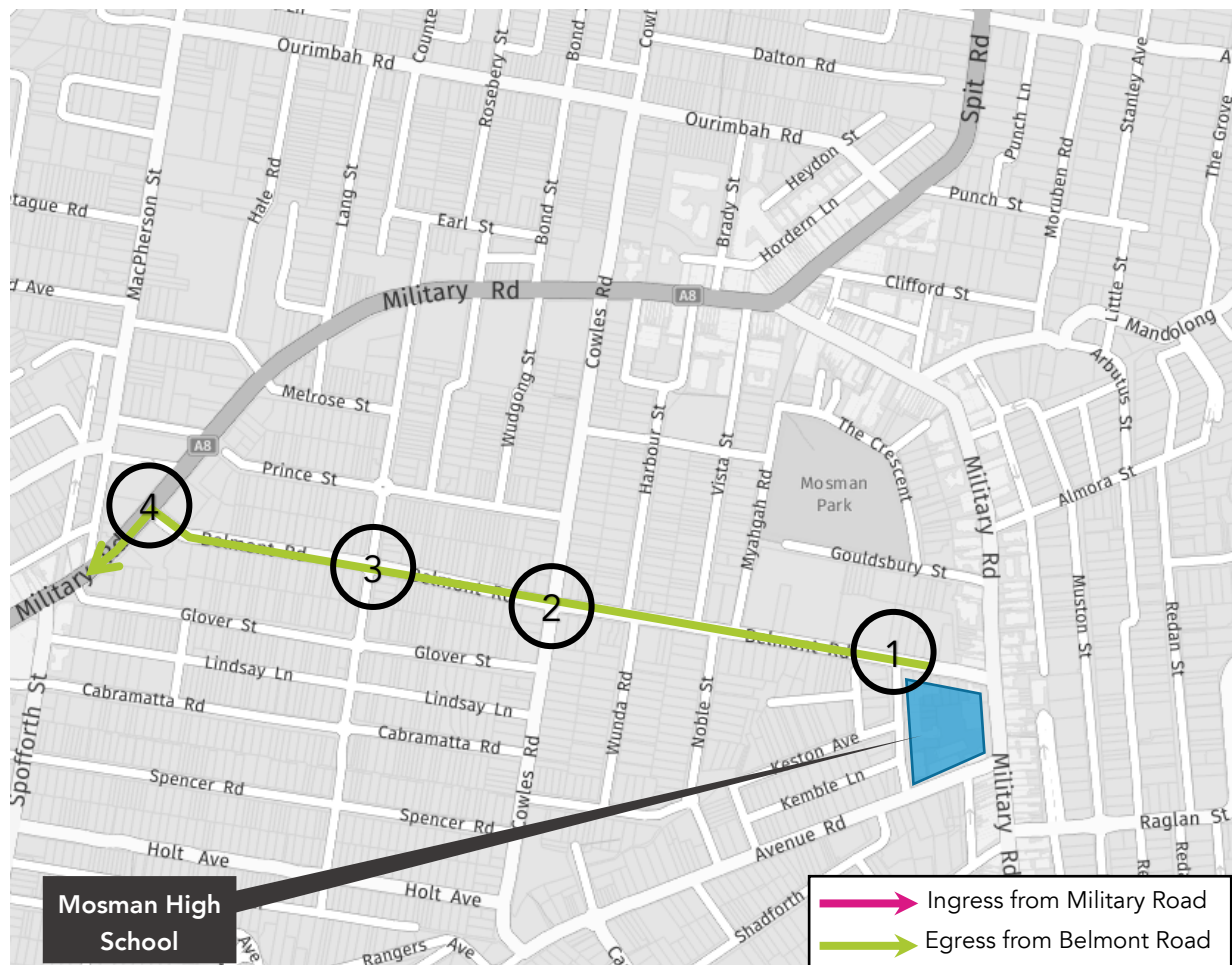


Figure 3 – Exit Route via Belmont Road

Exit Route via Belmont Road

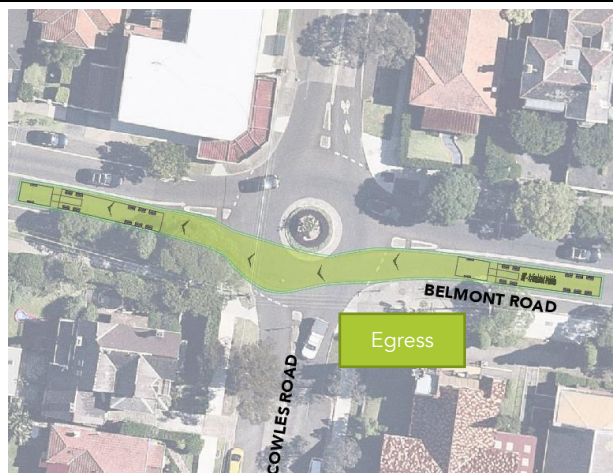
1 – Belmont Road near Gladstone Avenue



- No traffic control measures required.
- It is to be confirmed that the existing power lines do not encroach the minimum height clearance requirement of 4.5m as per AS2890.2.

Exit Route via Belmont Road

2 – Belmont Road / Cowles Road



- No traffic control measures required.

3 – Belmont Road / Bardwell Road



- No traffic control measures required.

4 – Belmont Road / Military Road



- No traffic control measures required.

1.2 HRV Routes and Swept Paths

A 12.5m long and 2.5m wide Heavy Rigid Vehicle (HRV) is used for the swept path analysis.

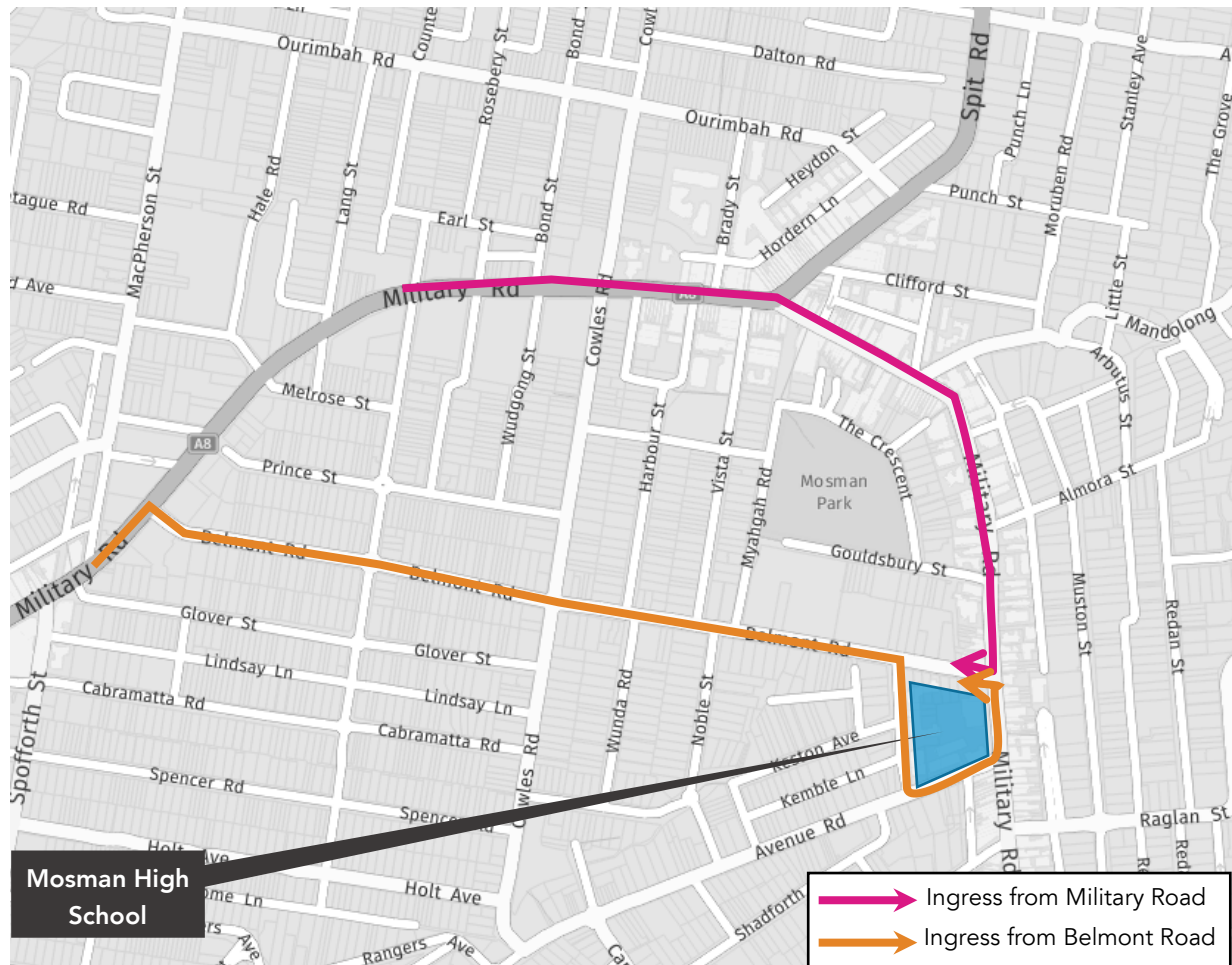


Figure 4 – HRV Entry Routes

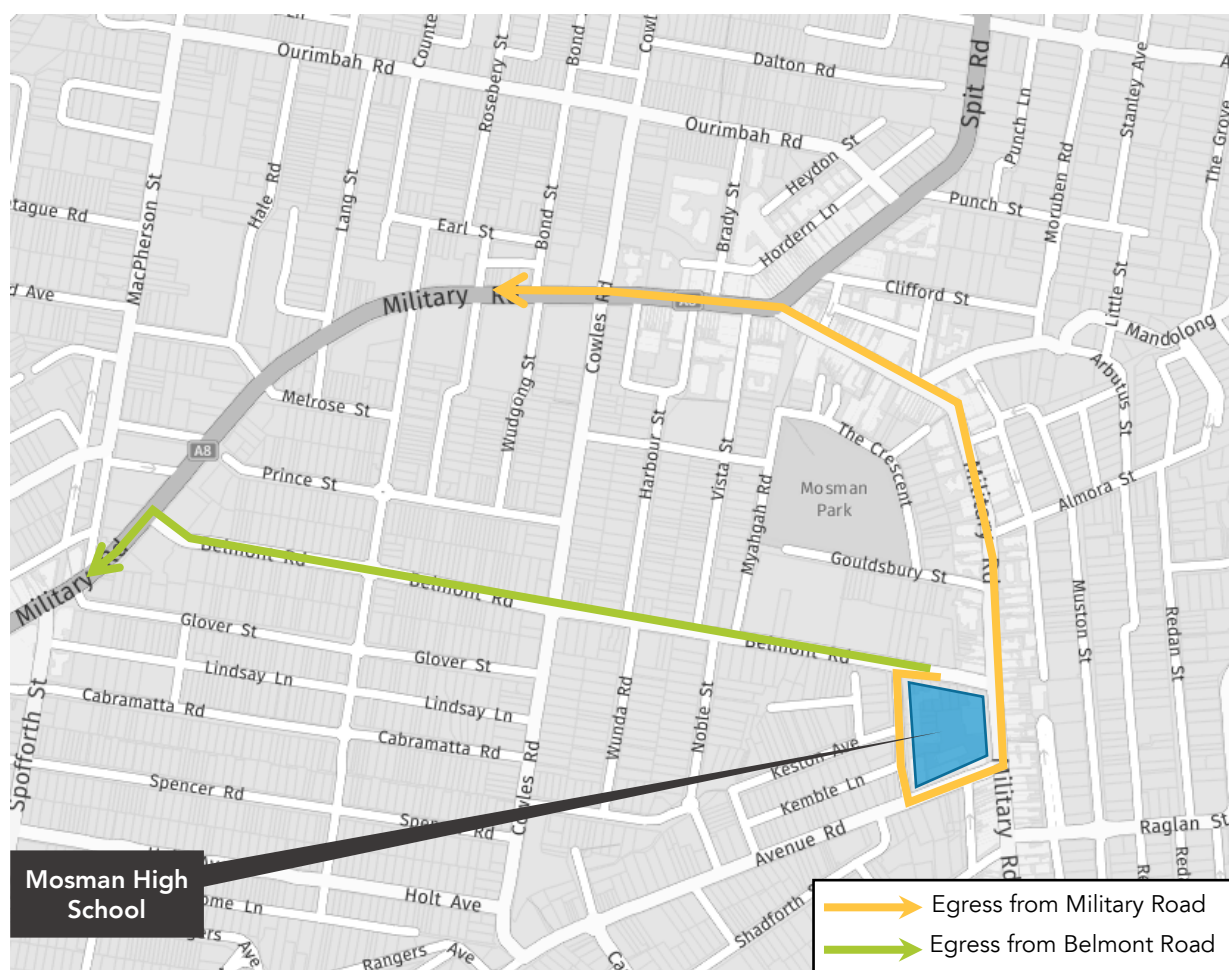


Figure 5 – HRV Exit Routes

1.2.1 Entry Route via Military Road

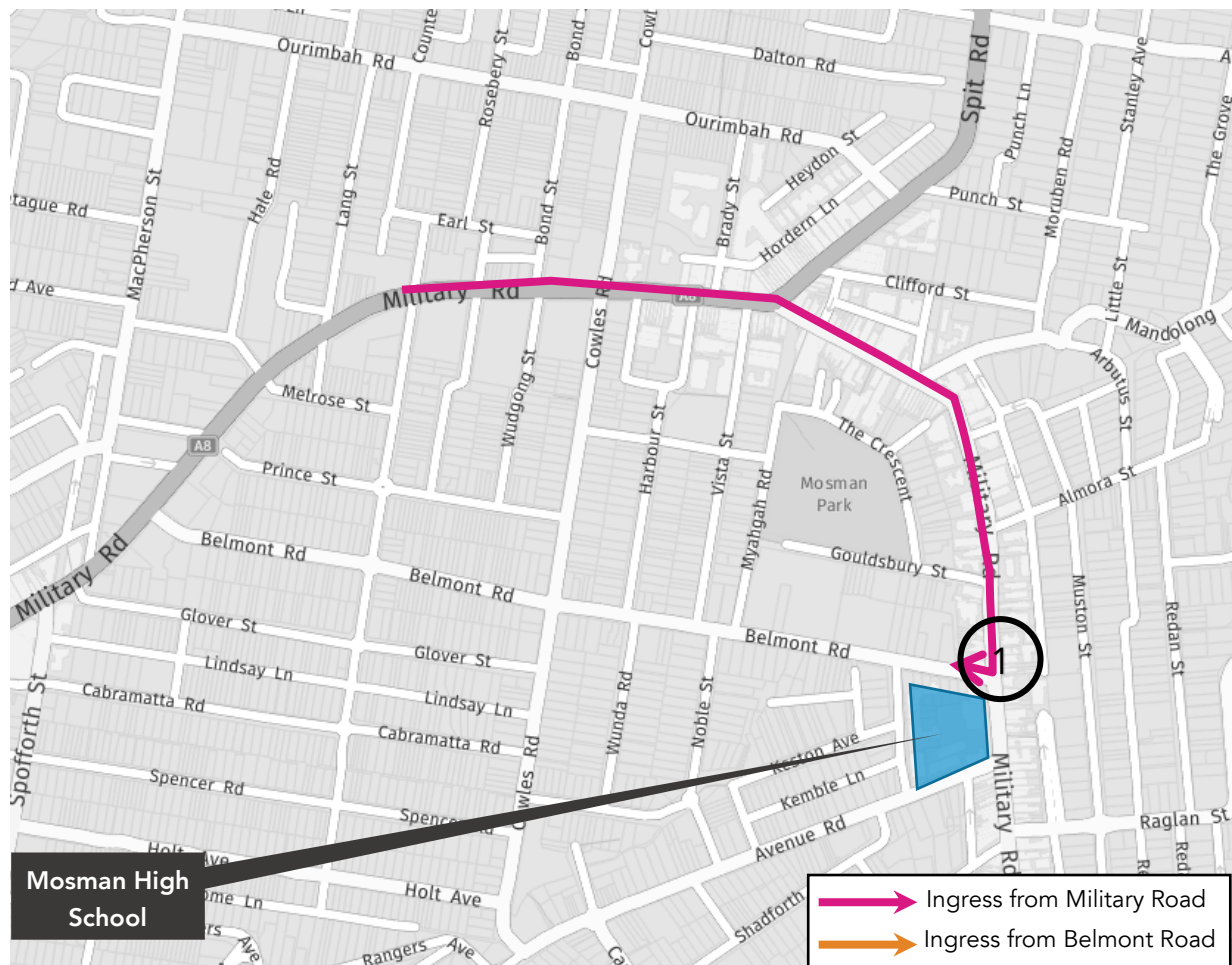
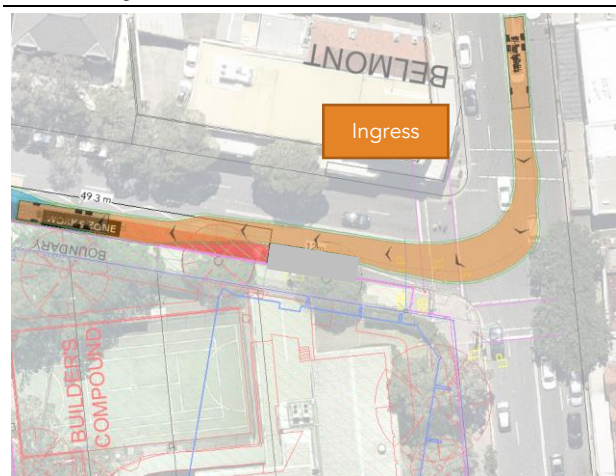


Figure 6 – HRV Entry Route via Military Road

Entry Route via Military Road

1 – Military Road / Belmont Road



- No traffic control measures required.

1.2.2 Exit Route via Military Road

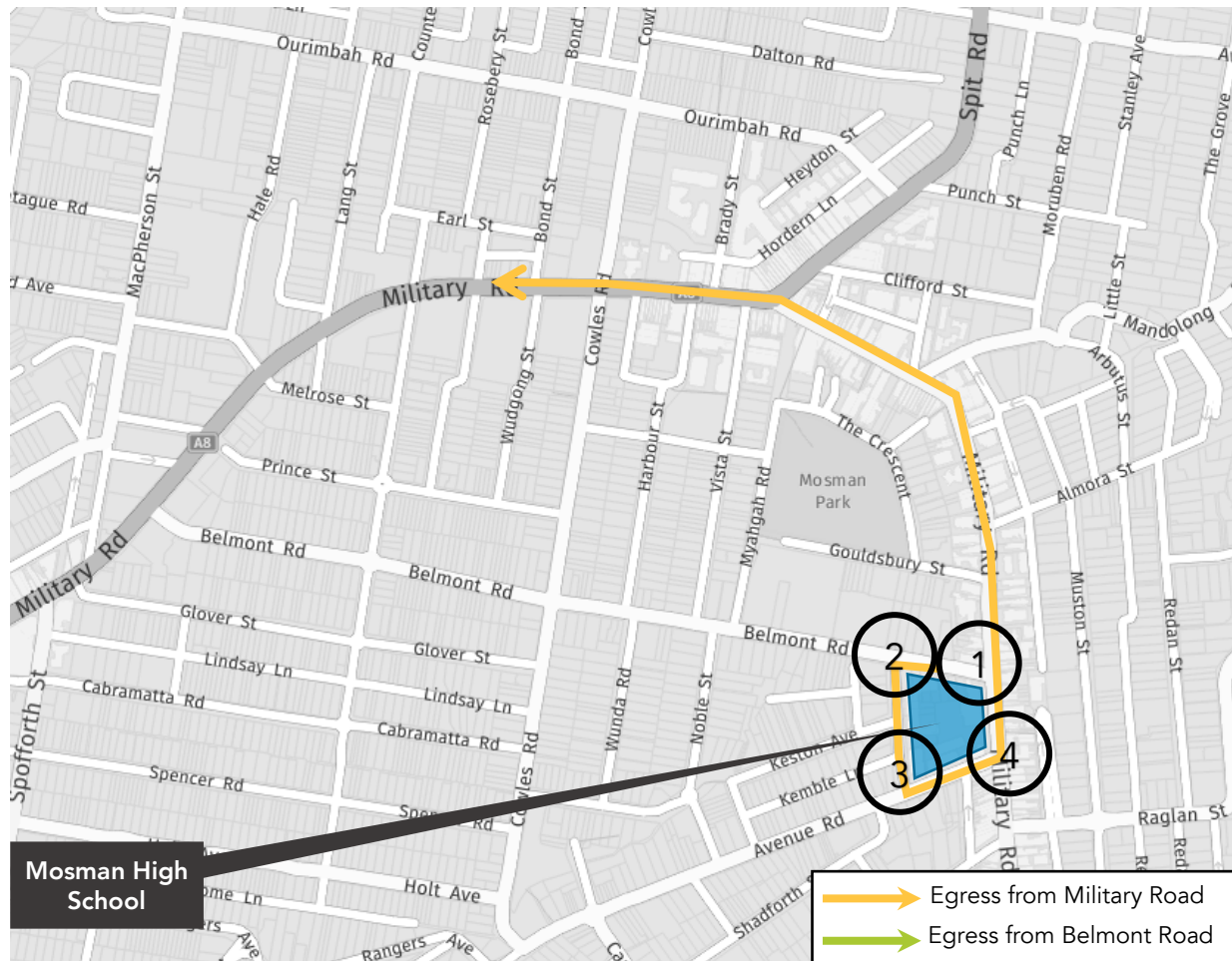
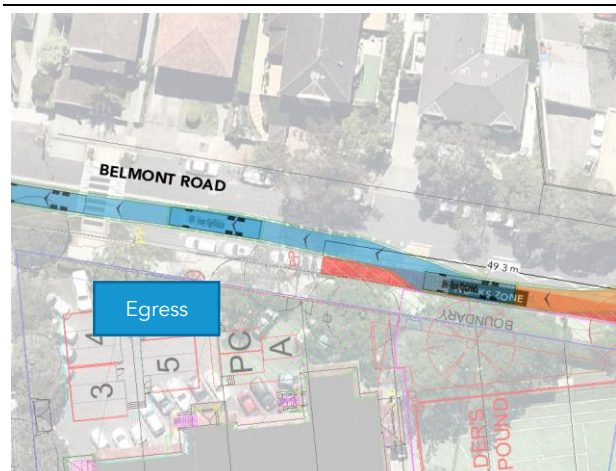


Figure 7 – HRV Exit Route via Military Road

Exit Route via Military Road

1 – Belmont Road near Gladstone Avenue



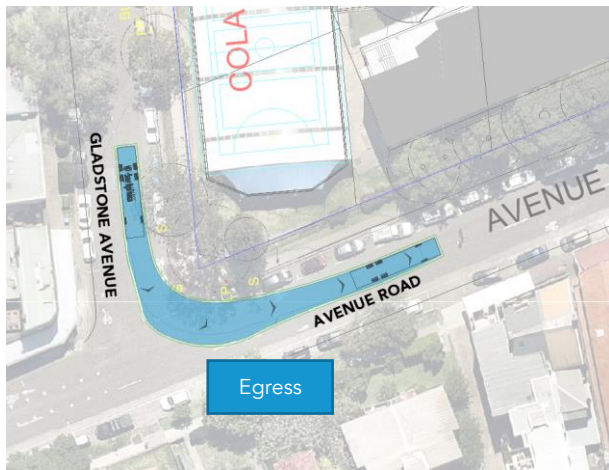
- No traffic control measures required.
- It is to be confirmed that the existing power lines do not encroach the minimum height clearance requirement of 4.5m as per AS2890.2.

2 – Belmont Road / Gladstone Avenue



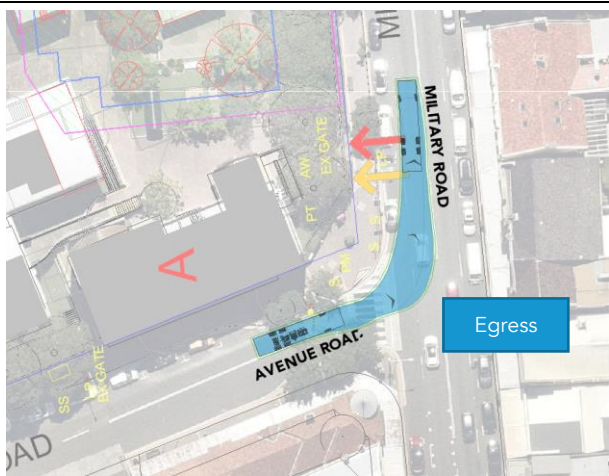
- No traffic control measures required.

3 – Gladstone Avenue / Avenue Road



- No traffic control measures required.

4 – Avenue Road / Military Road



- No traffic control measures required.

1.2.3 Entry and Exit Route via Belmont Road

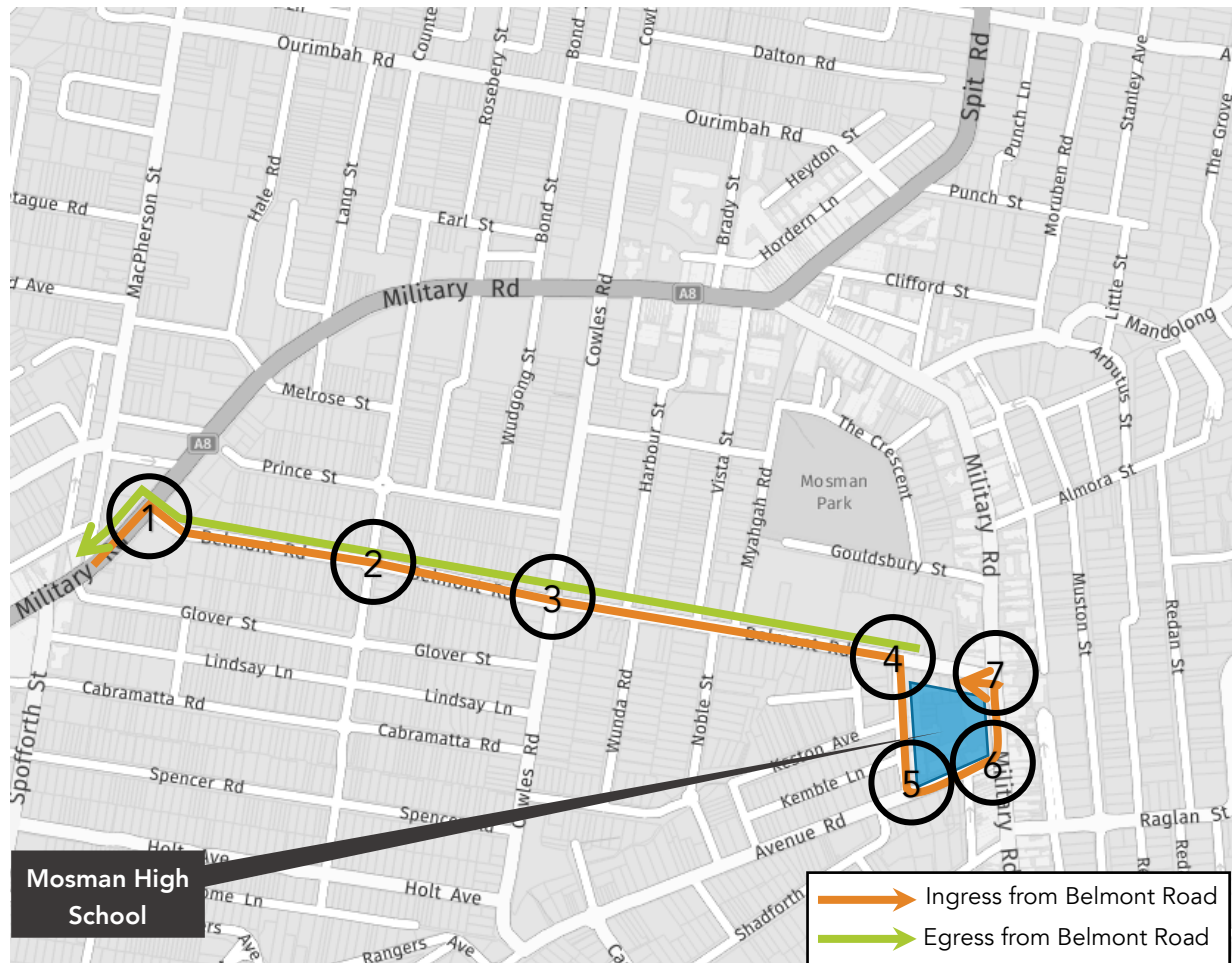


Figure 8 – HRV Entry and Exit Route via Belmont Road

Entry and Exit Route via Belmont Road

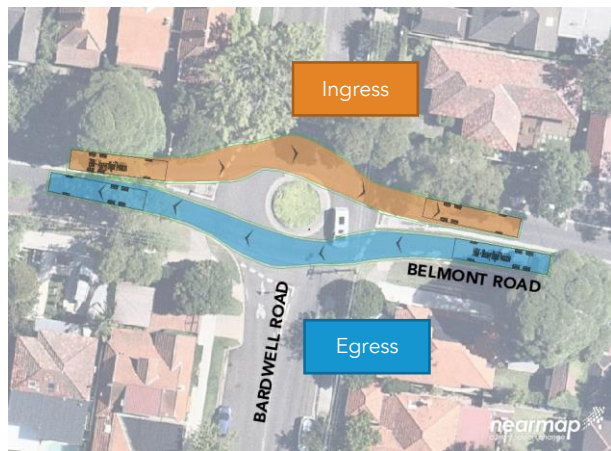
1 – Military Road / Belmont Road



- No traffic control measures required.

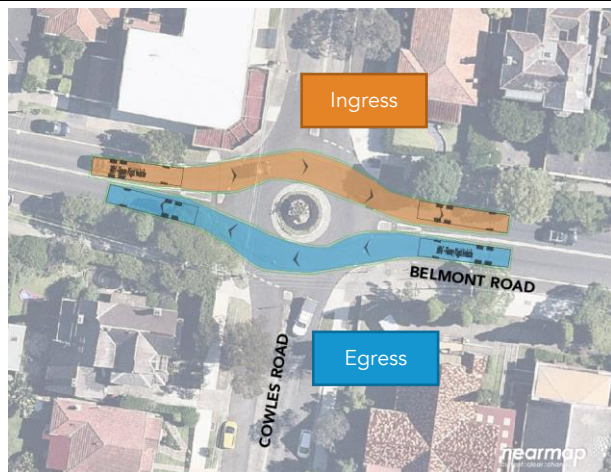
Entry and Exit Route via Belmont Road

2 – Belmont Road / Bardwell Road



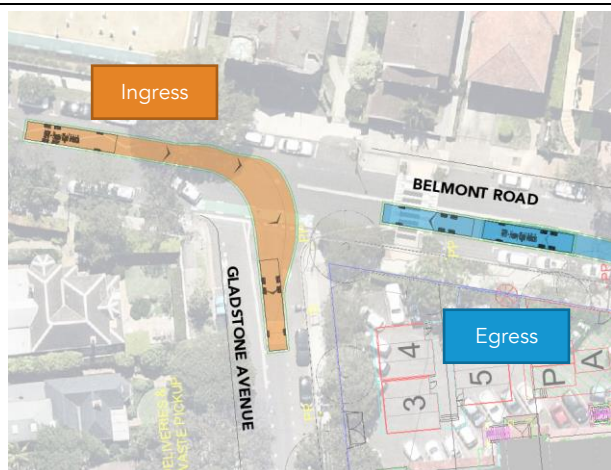
- No traffic control measures required.

3 – Belmont Road / Cowles Road



- No traffic control measures required.

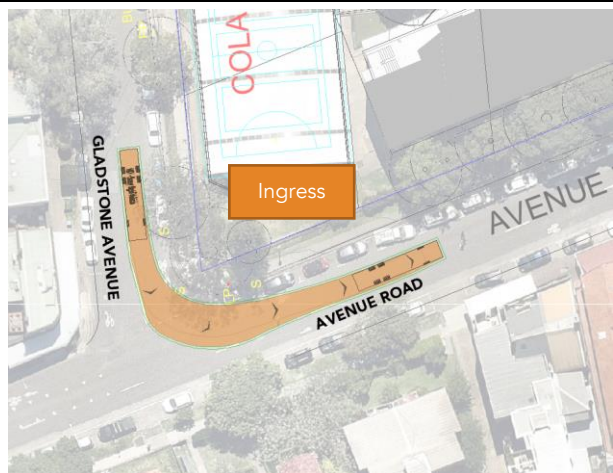
4 – Belmont Road / Gladstone Avenue



- No traffic control measures required.

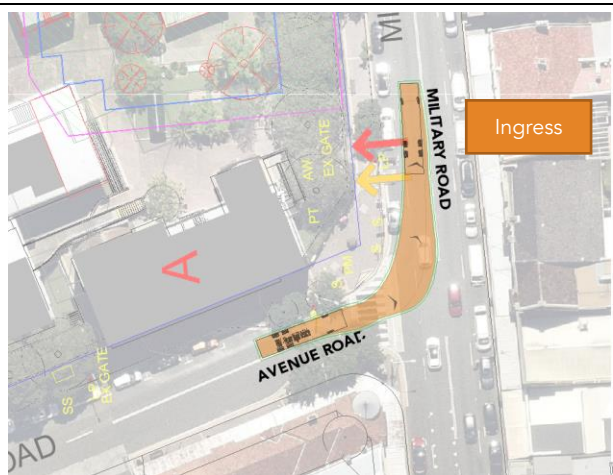
Entry and Exit Route via Belmont Road

5 – Gladstone Avenue / Avenue Road



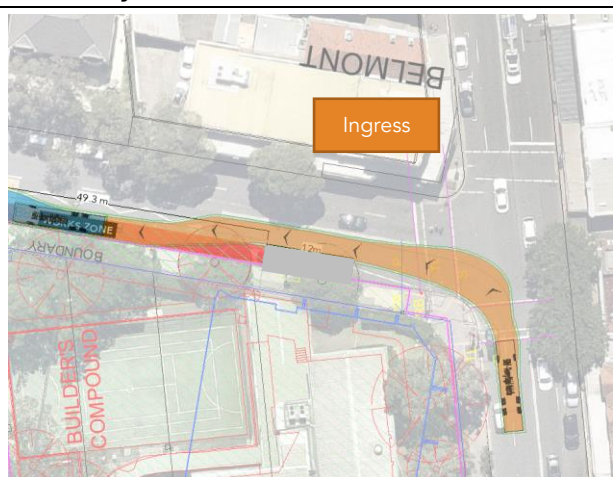
- No traffic control measures required.

6 – Avenue Road / Military Road



- No traffic control measures required.

7 – Military Road / Belmont Road



- No traffic control measures required.