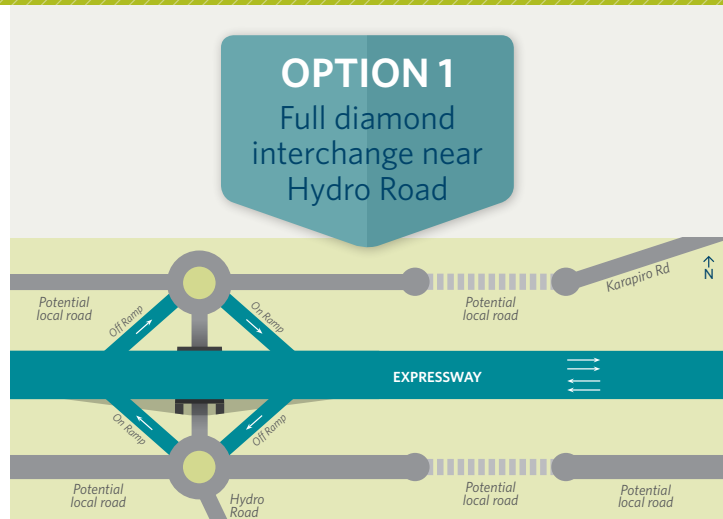


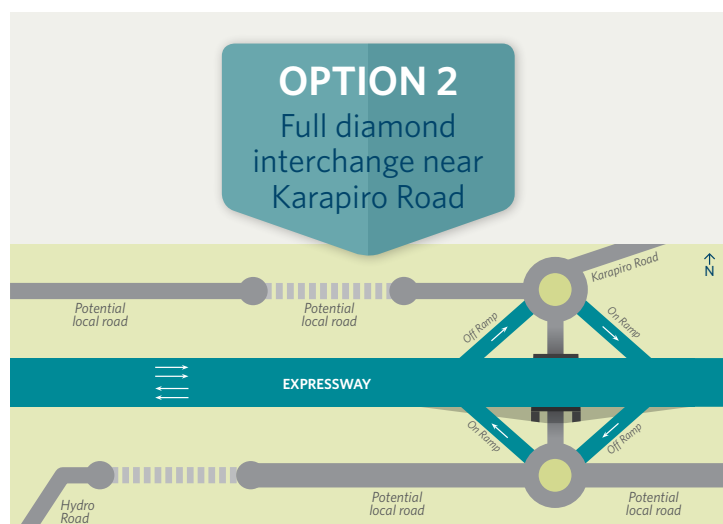
SECTION B

Interchange Options Hydro Road/Karapiro Road

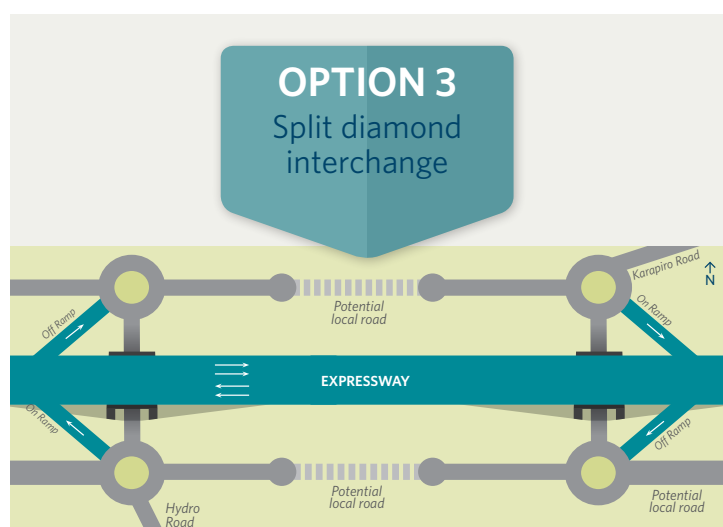


Summary Table

DIRECT CONNECTION TO		FIT AROUND CONSTRAINTS	CAN BE USED FOR ALL ROUTE OPTIONS	COST
HYDRO ROAD	KARAPIRO ROAD			
✓	✗ Some detours for southbound expressway users from Karapiro Road	✓ Guidance suggests a minimum of 5km between interchanges. Cambridge Section interchange is 3km away from Hydro Rd	✓✓	\$



DIRECT CONNECTION TO		FIT AROUND CONSTRAINTS	CAN BE USED FOR ALL ROUTE OPTIONS	COST
HYDRO ROAD	KARAPIRO ROAD			
✗ Some detours for northbound expressway users from Hydro Road	✓	✓ Some challenges around physical and natural constraints	✓ Very challenging to maintain local road connection for route option B4	\$

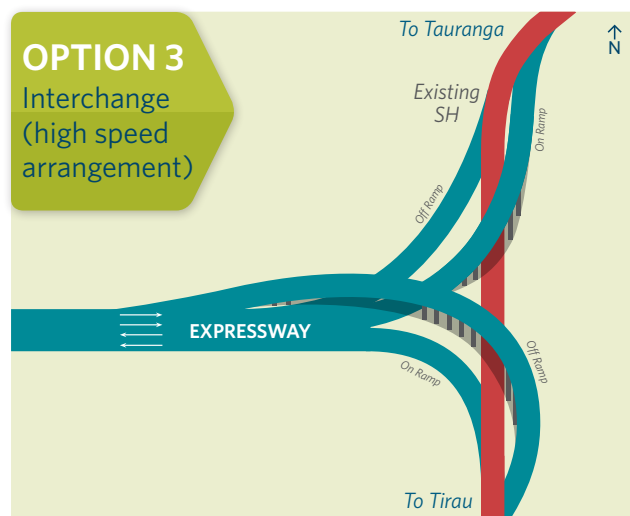
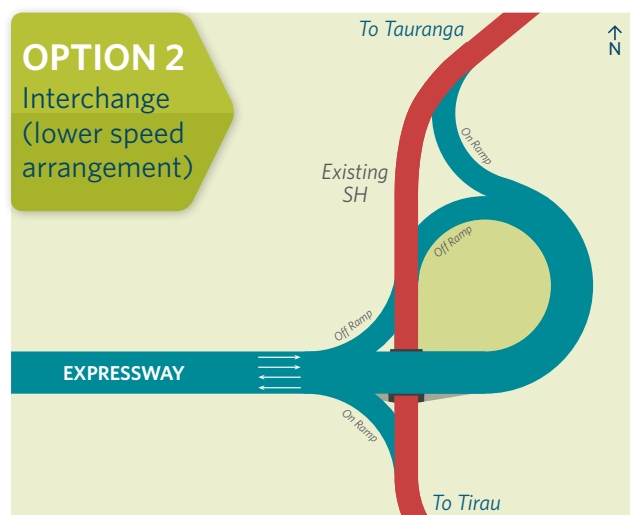
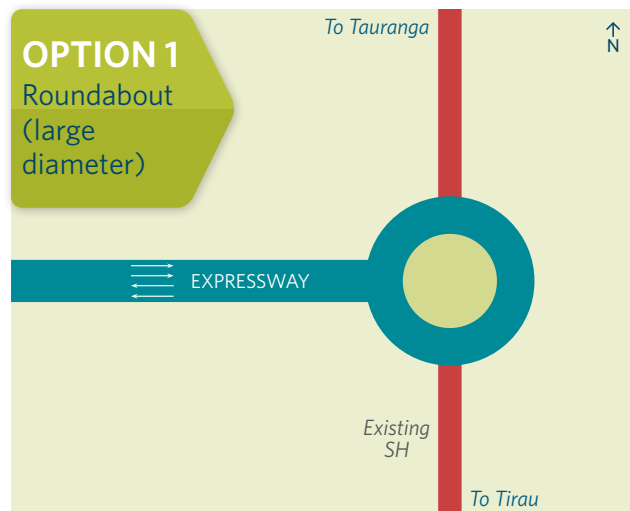


DIRECT CONNECTION TO		FIT AROUND CONSTRAINTS	CAN BE USED FOR ALL ROUTE OPTIONS	COST
HYDRO ROAD	KARAPIRO ROAD			
✓	✓	✓✓ More readily allows adjustment around known constraints	✓✓	\$\$ Some duplication of roads and bridges

All options are illustrative only and should not be considered definitive in terms of location or road layout

SECTION C

Interchange Options SH1/SH29



Summary Table

PROVIDE VISUAL & PHYSICAL CUE TO END OF EXPRESSWAY	INTERCHANGE FOOTPRINT	ACCESS TO LOCAL ROADS & PROPERTY	LEVELS OF SAFETY & EFFICIENCY	CATER FOR FUTURE TRAFFIC GROWTH	COST
✓✓	✗ Very localised	✓✓✓ Easily adaptable (slip lanes & overbridges)	✓	✓ Some upgrade may be needed in 20+ years	\$

PROVIDE VISUAL & PHYSICAL CUE TO END OF EXPRESSWAY	INTERCHANGE FOOTPRINT	ACCESS TO LOCAL ROADS & PROPERTY	LEVELS OF SAFETY & EFFICIENCY	CATER FOR FUTURE TRAFFIC GROWTH	COST
✓	✗✗✗ Very large footprint	✓ Challenging	✓✓	✓✓ Upgrade unlikely	\$\$

PROVIDE VISUAL & PHYSICAL CUE TO END OF EXPRESSWAY	INTERCHANGE FOOTPRINT	ACCESS TO LOCAL ROADS & PROPERTY	LEVELS OF SAFETY & EFFICIENCY	CATER FOR FUTURE TRAFFIC GROWTH	COST
✓	✗✗✗ Very large footprint	✓ Very challenging	✓✓✓	✓✓✓ No upgrade needed	\$\$\$

All options are illustrative only and should not be considered definitive in terms of location or road layout

Short-list of expressway route options and indicative interchange areas

The plan below is illustrative only, and is not to be considered as definitive in terms of land requirements

