

Table 6-4 Short Term Assessment Outcomes

ID	Location (Intersection)	Proposed Upgrades
2016-2021_1	Camden Valley Way / Raby Road	<ul style="list-style-type: none"> Upgrade Camden Valley Way to three lanes each way
2016-2021_2	Thunderbolt Drive / Raby Road	<ul style="list-style-type: none"> Additional approach lane (250m) on Raby Road in the southbound travel direction Duplication of Raby Road from Thunderbolt Drive to Jehovahs Witnesses in the northbound travel direction
2016-2021_3	Spitfire Drive / Raby Road	<ul style="list-style-type: none"> Signalisation and assumed to be coordinated with the Eagle Vale Drive intersection
2016-2021_4	Eagle Vale Drive / Raby Road	<ul style="list-style-type: none"> Signalisation and assumed to be coordinated with the Spitfire Drive intersection Raby Road dual right turn (35m) to Eagle Vale Drive Eagle Vale Drive dual right turn to Raby Road Raby Road left turn lane (120m) to Eagle Vale Drive Additional left turn lane (150m) on Eagle Vale Drive to Raby Road
2016-2021_5	Campbelltown Road Off-ramp / Raby Road	<ul style="list-style-type: none"> Signalisation Duplication of Raby Road / M31 overpass in both directions Additional lane (150m) on the off-ramp for a dual left turn
2016-2021_6	Campbelltown Road / Harbord Road / Plough Inn Road Campbelltown Road / Blaxland Road	<ul style="list-style-type: none"> Upgrade Campbelltown Road to three lanes between Blaxland Road and Harbord Road / Plough Inn Road in the northbound travel direction Additional lane (130m north of Harbord Road) on Campbelltown Road in the northbound travel direction Continuous left turn on Blaxland Road
2016-2021_7	Scenic Hills access / Raby Road	<ul style="list-style-type: none"> Signalisation Duplication of Raby Road from Thunderbolt Drive to Jehovahs Witnesses in the northbound travel direction
2016-2021_8	Campbelltown Road / Raby Road	<ul style="list-style-type: none"> Modify pavement marking to allow dual right turn on Campbelltown Road approach in the southbound travel direction
2016-2021_9	Ben Lomond Road	<ul style="list-style-type: none"> Duplicate Ben Lomond Road to two lanes between Airds Road and Cary Grove in the eastbound travel direction with the addition of a bridge over Bow Bowing canal
2016-2021_10	Pembroke Road / Ben Lomond Road	<ul style="list-style-type: none"> Signalisation Additional lane (60m) on Pembroke Road in the southbound travel direction for a dual right turn to Ben Lomond Road Additional right turn lane (60m) on Pembroke Road in the northbound travel direction Additional right turn lane (45m) on Ben Lomond Road in the westbound and eastbound travel direction

Table 7-3 Medium Term Assessment Outcomes

ID	Location (Intersection)	Proposed Upgrades
2021-2026_1	Raby Road	<ul style="list-style-type: none"> ▪ Duplication of Raby Road to two lanes (between Thunderbolt Drive and Emerald Hills access) in the northbound and southbound travel direction
2021-2026_2	Thunderbolt Drive / Raby Road	<ul style="list-style-type: none"> ▪ Signalisation ▪ Additional lane (250m on each side of the intersection) on Raby Road in the southbound and northbound travel directions ▪ Right turn lanes (60m) on Raby Road in the northbound and southbound travel direction ▪ Additional (left and through) lane (30m) on Epping Forest Drive and Thunderbolt Drive
2021-2026_3	Spitfire Drive / Raby Road Eagle Vale Drive / Raby Road Campbelltown Road Off-ramp / Raby Road	<ul style="list-style-type: none"> ▪ Upgrade Raby Road to three lanes between Spitfire Drive and Campbelltown Road Off-ramp in the southbound travel direction ▪ Additional lane (250m) to Spitfire Drive on Raby Road in the southbound travel direction ▪ Additional departure lane (120m) from Eagle Vale Drive to Spitfire Drive on Raby Road in the northbound travel direction ▪ Additional left turn lane (60m) on Campbelltown Road Off-ramp ▪ Additional through lane (40m) on Raby Road in the westbound travel direction at the Campbelltown Road Off-ramp intersection
2021-2026_4	Campbelltown Road / Raby Road Ben Lomond Road / Campbelltown Road	<ul style="list-style-type: none"> ▪ Signalisation ▪ Dual left and right turns on Raby Road approach to Campbelltown Road ▪ Dual left turns on Campbelltown Road approaches ▪ Dual right turn on Campbelltown Road approach in the southbound travel direction ▪ Duplication of Campbelltown Road in the northbound and southbound travel directions between Raby Road and Ben Lomond Road
2021-2026_5	Campbelltown Road / Rose Payten Drive Campbelltown Road / Harbord Road	<ul style="list-style-type: none"> ▪ Upgrade Campbelltown Road to three lanes between Rose Payten Drive and Harbord Road in the southbound travel direction ▪ Additional lane (250m) to Rose Payten Drive on Campbelltown Road approach in the southbound travel direction ▪ Additional departure lane (250m) from Harbord Road on Campbelltown Road in the southbound travel direction

Table 8-3 Long Term Assessment Outcomes

ID	Location (Intersection)	Proposed Upgrades
2026-2036_1	Camden Valley Way / Raby Road	<ul style="list-style-type: none"> Modify pavement marking to dual left turn so that the two full lanes on Raby Road turn left and convert right turn to short lane
2026-2036_2	Scenic Hills access / Raby Road	<ul style="list-style-type: none"> Upgrade Raby Road to three lanes (250m on approach) in the northbound travel direction Additional short shared left and right turn lane on Scenic Hills access Upgrade Raby Road to three lanes (100m departure from Jehovahs Witnesses) in the northbound travel direction
2026-2036_3	Gould Road / Eagle Vale Drive	<ul style="list-style-type: none"> Duplicate Gould Road approach to Eagle Vale Drive with a dual right turn Modify pavement marking to service dual lane roundabout movements
2026-2036_4	Campbelltown Road / Raby Road Stranraer Road / Raby Road Campbelltown Road Off-ramp / Raby Road	<ul style="list-style-type: none"> Extend dual left turn to 120m on Campbelltown Road in the northbound travel direction Extend dual right turn to 140m on Campbelltown Road in the southbound travel direction Signalisation of Raby Road / Stranraer Road intersection Extend triple left turn to 150m on Campbelltown Road Off-ramp
2026-2036_5	St Andrews Road / Campbelltown Road	<ul style="list-style-type: none"> Signalisation Dual through and dual right turn lanes (60m) on Campbelltown Road in the southbound travel direction Left and right turn lanes (60m) on Campbelltown Road in the northbound travel direction
		<ul style="list-style-type: none"> Upgrade Campbelltown Road to two lanes each way between St Andrews Road and Ben Lomond Road
2026-2036_6	Ben Lomond Road / Pembroke Road	<ul style="list-style-type: none"> Extend left turn lane to 60m on Ben Lomond Road in the eastbound travel direction Extend dual right turn lanes to 100m on Pembroke Road in the southbound travel direction
2026-2036_7	Rose Payten Drive / Pembroke Road	<ul style="list-style-type: none"> Upgrade Pembroke Road to two full departure lanes in the westbound travel direction Extend Pembroke Road to two full lanes each way for 250m on the eastern side of the intersection
2026-2036_8	Blaxland Road / Campbelltown Road	<ul style="list-style-type: none"> Upgrade Blaxland Road to a triple right turn to Campbelltown Road Maintain Blaxland Road continuous left turn Upgrade Campbelltown Road to four departure lanes in the northbound travel direction (250m) Upgrade Campbelltown Road to three approach lanes in the northbound travel direction (110m) Upgrade Campbelltown Road to three departure lanes in the southbound travel direction (110m)

Furthermore, Cardno highlighted a number of right turns from minor roads that should be banned from a safety perspective (especially by 2036 as some sections of the major road (Raby Road) becomes three-lane each-way).

- > Eschol Park Road right turn to Raby Road
- > Mustang Drive right turn to Raby Road
- > Kearns Avenue right turn to Raby Road
- > Macarthur Grange right turn to Raby Road
- > Jehovahs Witnesses right turn to Raby Road.