

Encroachment ID	Chainage Start	Chainage End	Left / Right	Encroachment (maximum within Ch. range)	Current design x-section	Road reserve width (at greatest encroachment)	Difference between road widths	Width Reduction Measure 1 - Offset between the cycleway and shared path to 0.5m	Width Reduction Measure 2 - Verge either side of the "corridor"	Width Reduction Measure 3 - Median reduction between the traffic lanes	Width Reduction Measure 4 - On-road cycleway to 2.0m (from 2.5m)	Width Reduction Measure 5 - Turning Lanes (3.5m to 3.0m)	Width Reduction Measure 6 - Shared Path to 2.0m (from 2.5m)	Width Reduction Measure 7 - Relocated 2.5m wide shared path to integrate with future playing fields on Lot 101 DP1226265, Lot 111 DP777967, Lot 5 DP1158627 & Lot 101 DP1226265	Additional width reduction measure	Total width reduction	New design x-section width	Description (Refer Notes below)	Resultant difference (design minus road reserve width) or encroachment if noted	Encroachment (Y/N)
					(A)	(B)	(A-B)									(C)	(D = A-C)		(D-B)	
1	240	260	L	0.0	33.9	37.7	-3.9	0.5								0.5	33.4	Measures + Shift centreline due to RHS encroachment	-4.4	N
2	360	370	L	0.1	29.2	31.6	-2.4	0.5								0.5	28.7	Measures + Shift centreline	-2.9	N
3	550	650	L	1.7	31.0	29.9	1.1	0.5		0.7						1.2	29.8	Measures + Shift centreline, median width reduced to 1.8m (previous median width: 2.5m)	-0.1	N
4	770	1040	L	0.5	34.0	42.7	-8.7	0.5								0.5	33.5	Shift centreline	-9.2	N
5	1110	1160	L	2.2	32.1	29.9	2.2	0.5	1	1						2.5	29.6	Measures + Shift centreline, median width reduced to 1.5m (previous median width: 2.5m)	-0.3	N
6	1700	1770	L	0.0	28.1	30.5	-2.4									0	28.1	Higher resolution showed no encroachment as measured in CAD	-2.4	N
7	2650	2750	L	0.7	28.1	30.2	-2.1									0	28.1	Shift centreline	-2.1	N
8	2800	2900	L	2.6	28.1	30.2	-2.1									0	28.1	Shift centreline	-2.1	N
9	2940	3120	L	4.9	32.5	30.2	2.3	0.5	1	1						2.5	30.0	Measures + Shift centreline, median width reduced to 1.5m (previous median width: 2.5m) Right Turn Lane (incl. deceleration) length reduced to 150m	-0.2	N
10	3620	3630	L	0.2	32.5	30.6	1.9	0.5	1	2						3.5	29.0	Measures + Shift centreline, median width reduced to 4m (previous median width: 6m)	-1.6	N
11a	3830	4000	L	3.9	32.5	30.1	2.4	0.5	1	2						3.5	29.0	Measures + Shift centreline	-1.1	N
11b	4000	4110	L	2.2	32.5	30.1	2.4	0.5	1	1						2.5	30.0	Measures + Shift centreline, median width reduced to 1.5m (previous median width: 2.5m) Right Turn Lane (incl. deceleration) length reduced to 150m	-0.1	N
12	4250	4650	L	10.0	32.5	30.3	2.2	0.5	1	2						3.5	29.0	Measures + Shift centreline, encroachment within Besmaw land	5.0	Y
13a	4650	4900	L	9.7	32.5	30.28	2.2	0.5	1	2						3.5	29.0	Measures + Shift centreline, encroachment within Besmaw land	8.6	Y
13b	4900	5200	L	8.6	32.5	30.28	2.2	0.5	1	4.2	1				3.5	10.2	22.3	Remove one through lane and transition to 2m onroad cycleways to tie into existing road, median reduction of 4.2m to 1.8m	-8.0	N
14	0	40	R	4.2	27.0	29.6	-2.6									0	27.0	Shift centreline	-2.6	N
15	930	950	R	3.9	38.1	46.1	-8.1									0	38.1	Realign off road path	-8.1	N
16	1200	1240	R	1.9	28.1	30.8	-2.7									0	28.1	Shift centreline	-2.7	N
17	1970	2000	R	2.5	28.1	30.7	-2.6									0	28.1	Shift centreline	-2.6	N
18	2050	2110	R	4.3	28.2	30.2	-2.0									0	28.2	Shift centreline	-2.0	N
19	3060	3070	R	0.0	32.5	30.3	2.2	0.5	1	1.5				2.5		5.5	27.0	Measures + Shift centreline, median width reduced to 1.5m, Right Turn Lane (incl. deceleration) length reduced to 150m. Off road shared path to be located within Breen Holdings Land subject of VPA to be dedicated to Council in future.	-3.3	N
20	3430	3500	R	2.7	32.5	31.6	0.9	0.5	1	0.7				2.5		4.7	27.8	Measures + Shift centreline, median width reduced to 1.8m (previous median width: 2.5m) Off road shared path to be located within Breen Holdings Land subject of VPA to be dedicated to Council in future.	-3.8	N
21	3500	3870	R	7.1	32.5	30.2	2.3	0.5	1	2				2.5		6	26.5	Measures + Shift centreline, (within Council playing fields), median width reduced to 4m (previous median width: 6m) Off road shared path to be located within Breen Holdings Land subject of VPA to be dedicated to Council in future.	-3.7	N
22	3950	4270	R	4.2	32.5	30.5	2.0	0.5	1	2		0.5		2.5		6.5	26.0	Measures + Shift centreline, median width reduced to 4m (previous median width: 6m). Encroachment of off road shared path within council owned land.	1.6	Y
23	4890	4910	R	11.4	32.5	30.8	1.7	0.5		2						2.5	30.0	Measures + Shift centreline, median width reduced to 4m (previous median width: 6m)	-0.8	N
24	5125	5350	R	5.3	32.5	30.2	2.3	0.5	1	4.2	1				3.5	10.2	22.3	Remove one through lane and transition to 2m onroad cycleways to tie into existing road, median reduction of 4.2m to 1.8m	-7.9	N

**Legend**  
 Denotes no encroachment  
 Denotes an encroachment  
 Denotes encroachment on Besmaw land

**Notes**  
 1. Some additional width reductions required due to road alignment constraints  
 2. Encroachment refers to encroachment beyond road reserve