Cost Benefit Disclosure Stateme	ent – Selwyn	District Council	Pre- consultation		
Road and Section name	Reynolds Road from Two Chain Road to Burdons Road				
Road Classication as per the Land Transport Rule:	Rural connector	•			
Setting of Speed limits 2025					
Length (km)	1.1 km				
Average annual daily traffic (AADT) Total	944 vpd				
Traffic growth rate (% per annum)	2%	2%			
Existing Speed Limit (km/h)	100				
Proposed speed limit (km/h)	80				
Estimated safety impacts					
Existing Speed Limit safety impacts:	•		_		
Number and severity of crashes on the road.	Crash injury	Actual recorded crash	Actual crash number		
Note: Use 5 years data from CAS, or if new road is	severity	number over	per year		
less than 5 years use crash data since road		previous 5 years			
operational.	Fatal	(total)	0.00		
	Fatal	0.00			
	Serious Minor	0.00	0.00		
		0.00	0.00		
	Non-Injury	1.00	0.00		
Droposed Speed Limit asfety impacts:	Total	1.00	0.20		
Proposed Speed Limit safety impacts: Future safety impacts, estimated for the	Crash	Estimated crash	Estimated crash		
number and severity of crashes on the road if	injury severity	number over future 5	number per year		
speed limit changes.	injury severity	vears	number per yeur		
(Estimated crash numbers, over future 5 years, shown	Fatal	0.00	0.00		
as an annual rate, then averaged over 5 years)	Serious	0.00	0.00		
Note: non injury crashes aren't calculated for	Minor	0.77	0.15		
predicted crashed due to low statistical	Non-Injury	Not calculated	Not calculated		
impact.	Total	0.77	0.15		
Estimated Percentage (%) reduction of <u>all</u> <u>injury</u> crashes	23% reduction in injury crashes				
Estimated travel time impacts					
Current Mean operating speed	63 km/h				
Estimated Mean operating speed (post speed limit change)	55.2 km/h				
Individual vehicle journey time - Light vehicles	daily	9 seconds increase per jou	ırney		
Aggregated annual travel time increase/decrease?	yearly 929 hours increase for all vehicles per year				
Estimated implementation costs					
Implementation costs may include such things as	\$1000				
planning, road signs and markings, installation costs,					
overheads, and consultation and administration costs.					
planning, road signs and markings, installation costs,	φ 1000				

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h injury rity us r Injury Injury	Actual recorded crash number over previous 5 years (total) 0.00 0.00 1.00 Estimated crash number over future 5 years 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.	
km 4 vpd h injury rity sus r Injury h y severity sus r	number over previous 5 years (total) 0.00 0.00 1.00 0.00 1.00 Estimated crash number over future 5 years 0.00 0.00	0.00 0.00 0.20 0.20 0.20 Estimated crash number per year 0.00
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rity pus r Injury h y severity pus r Injury	number over previous 5 years (total) 0.00 0.00 1.00 0.00 1.00 Estimated crash number over future 5 years 0.00 0.00	0.00 0.00 0.20 0.20 0.20 Estimated crash number per year 0.00
rity pus r Injury h y severity pus r Injury	number over previous 5 years (total) 0.00 0.00 1.00 0.00 1.00 Estimated crash number over future 5 years 0.00 0.00	0.00 0.00 0.20 0.20 Estimated crash number per year 0.00
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r Injury I h y severity ous r	1.00 0.00 1.00 Estimated crash number over future 5 years 0.00 0.00	0.20 0.00 0.20 Estimated crash number per year
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h y severity ous r Injury	1.00 Estimated crash number over future 5 years 0.00 0.00	0.20 Estimated crash number per year 0.00
h y severity ous r Injury	Estimated crash number over future 5 years 0.00 0.00	Estimated crash number per year
y severity bus r Injury	number over future 5 years 0.00 0.00	number per year
y severity bus r Injury	number over future 5 years 0.00 0.00	number per year
ous r Injury	0.00 0.00	
ous r Injury	0.00	
r Injury		0.00
Injury	0.84	0.00
, ,		0.17
	Not calculated	Not calculated
	0.84	0.17
16% reduction in injury crashes		
/l-		
n/h		
km/h		
	11 seconds increase per jo	ourney
yearly 3,917 hours increase for all vehicles per year		
0		
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Cost Benefit Disclosure Stateme	ent – Selwyn	District Council	Pre- consultation	
Road and Section name	Two Chain Road from intersection of Telegraph Road to Reynolds Road.			
Road Classication as per the Land Transport Rule:	Rural road			
Setting of Speed limits 2025				
Length (km)	3.5 km			
Average annual daily traffic (AADT) Total	417 vpd			
Traffic growth rate (% per annum)	2%			
Existing Speed Limit (km/h)	100			
Proposed speed limit (km/h)	80			
Estimated safety impacts				
Existing Speed Limit safety impacts:	_			
Number and severity of crashes on the road. Note: Use 5 years data from CAS, or if new road is less than 5 years use crash data since road operational.	Crash injury severity	Actual recorded crash number over previous 5 years (total)	Actual crash number per year	
•	Fatal	0.00	0.00	
	Serious	0.00	0.00	
	Minor	0.00	0.00	
	Non-Injury	0.00	0.00	
	Total	0.00	0.00	
Proposed Speed Limit safety impacts:				
Future safety impacts, estimated for the number and severity of crashes on the road if speed limit changes.	Crash injury severity	Estimated crash number over future 5 years	Estimated crash number per year	
(Estimated crash numbers, over future 5 years, shown	Fatal	0.00	0.00	
as an annual rate, then averaged over 5 years)	Serious	0.00	0.00	
Note: non injury crashes aren't calculated for	Minor	0.00	0.00	
predicted crashed due to low statistical	Non-Injury	Not calculated	Not calculated	
impact.	Total	0.00	0.00	
Estimated Percentage (%) reduction of <u>all injury</u> crashes	No reported injury crashes and expected no changes from the proposed speed limit change			
Estimated travel time impacts				
Current Mean operating speed	59 km/h			
Estimated Mean operating speed (post speed limit change)	51.2 km/h			
Individual vehicle journey time - Light vehicles	daily 33 seconds increase per journey			
Aggregated annual travel time increase/decrease?	yearly 1,504 hours increase for all vehicles per year			
Estimated implementation costs				
Implementation costs may include such things as planning, road signs and markings, installation costs, overheads, and consultation and administration costs.	\$1000			

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Cost Benefit Disclosure Stateme	ent – Selwyn	District Council	Pre- consultation	
Road and Section name	Burdons Road from Reynolds Road to a point generally 1500m South			
	,	West of Aylesbury Road		
Road Classication as per the Land Transport Rule:	Rural connector	•		
Setting of Speed limits 2025	<u> </u>			
Length (km)	1.57 km			
Average annual daily traffic (AADT) Total	1070 vpd			
Traffic growth rate (% per annum)	2%			
Existing Speed Limit (km/h)	100			
Proposed speed limit (km/h)	80			
Estimated safety impacts				
Existing Speed Limit safety impacts:				
Number and severity of crashes on the road.	Crash injury	Actual recorded crash	Actual crash number	
Note: Use 5 years data from CAS, or if new road is	severity	number over	per year	
less than 5 years use crash data since road		previous 5 years		
operational.	=	(total)		
	Fatal	0.00	0.00	
	Serious	0.00	0.00	
	Minor	0.00	0.00	
	Non-Injury	2.00	0.40	
	Total	2.00	0.40	
Proposed Speed Limit safety impacts:	T	T=	<u></u>	
Future safety impacts, estimated for the	Crash	Estimated crash	Estimated crash	
number and severity of crashes on the road if	injury severity	number over future 5	number per year	
speed limit changes.	Fatal	years 0.00	0.00	
(Estimated crash numbers, over future 5 years, shown as an annual rate, then averaged over 5 years)	Serious	0.00	0.00	
Note: non injury crashes aren't calculated for	Minor	0.00	0.00	
predicted crashed due to low statistical		Not calculated	Not calculated	
impact.	Non-Injury Total			
·	lotai	0.00	0.00	
Estimated Percentage (%) reduction of all	No reported ini	ury crashes and expected	no changes from the	
injury crashes	proposed spee	-	3	
Estimated travel time impacts				
Current Mean operating speed	62 km/h			
Estimated Mean operating speed (post speed	54.2 km/h			
limit change)				
Individual vehicle journey time	daily	14 seconds increase per j	ourney	
- Light vehicles	,	January March Por J.	-,	
	yearly 1555 hours increase for all vehicles per year			
Aggregated annual travel time		1	i - J	
Aggregated annual travel time increase/decrease?				
increase/decrease?				
increase/decrease? Estimated implementation costs	\$1000			
increase/decrease? Estimated implementation costs Implementation costs may include such things as	\$1000			
increase/decrease? Estimated implementation costs	\$1000			

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