

6th March 2023

Project No: 300304122

City of Greater Geelong
PO BOX 104
GEELONG VIC 3220

Attn: Sasha Sheko

Dear Sasha,

RE: **Creamery Road PSP
Select Link Analysis (Usage) Assessment**

A request has been made by the City of Greater Geelong for an understanding of the level of usage for external items that would be apportioned to the Creamery Road PSP and broader Growth Area, including:

- The three (3) bridges within the Batesford South PSP
- Evans Road, and
- Bluestone Bridge Road

The location of the items in the context of the Western Geelong Growth Area are shown in Figure 1.



Figure 1: Select Link Analysis Location

Reference: 301400615

In order to understand the shared usage of each infrastructure item, Select Link Analysis (SLA) has been undertaken for the five locations. The SLA's have utilised the GGATIS strategic model to determine the proportion of users travelling to and from a selected location on each of the items.

Each of the items for the SLA utilised the 'Do Different' Scenario except for Bridge #3 which utilised the 'Do More' Scenario. This is due to the level of traffic usage being higher on Bridge #3 in the "Do More" Scenario when compared to the remaining scenarios.

The level of traffic usage has been apportioned to the nine respective PSP's within the Growth Areas based on the location of where a trip that uses the item commences its journey. Table 1 summarises the proposed apportionment to the nine respective PSP's noting that it includes external usage.

Table 1: Summary of Daily Volumes for each PSP

PSP	Bridge 1	Bridge 2	Bridge 3	Evans Road	Bluestone Bridge Road
Merrawap Road	439	180	498	108	9
McCanns Lane	2,326	1,425	4,498	523	41
Batesford South	7,216	5,231	5,935	1,220	97
Batesford North	1,876	419	50	1,576	0
Creamery Road	1,117	880	208	1,436	542
Elcho Road East	187	117	154	789	81
Elcho Road West	321	170	49	1,807	31
Heales Road West	610	385	284	2,635	660
Heales Road East	227	174	207	415	374
External	4,847	3,398	8,249	3,201	586
Total	19,166	12,378	20,131	13,709	2,421
Merrawap Road	2%	2%	2%	1%	1%
McCanns Lane	12%	11%	21%	4%	2%
Batesford South	37%	41%	29%	9%	6%
Batesford North	10%	3%	0%	11%	0%
Creamery Road	6%	7%	1%	10%	24%
Elcho Road East	1%	1%	1%	6%	3%
Elcho Road West	2%	1%	0%	13%	1%
Heales Road West	3%	3%	2%	19%	21%
Heales Road East	1%	1%	1%	3%	12%
External	26%	29%	43%	24%	30%
Total	100%	100%	100%	100%	100%

Reference: 301400615

The results include a proportion of external traffic that is not assigned to a specific PSP, ranging between 24% and 43% of usage. Whilst the DCP Guidelines do provide guidance on external usage and how it should be included in a DCP, this approach has recently been a cause for concern for the DTP on recent PSPs in regional Victoria.

In this regard, Table 2 has been prepared to exclude the external trips from the SLA assessment.

Table 2: Summary of Daily Volumes for each PSP – Excluding External Trips

PSP	Bridge 1	Bridge 2	Bridge 3	Evans Road	Bluestone Bridge Road
Merrawap Road	439	180	498	108	9
McCanns Lane	2,326	1,425	4,498	523	41
Batesford South	7,216	5,231	5,935	1,220	97
Batesford North	1,876	419	50	1,576	0
Creamery Road	1,117	880	208	1,436	542
Elcho Road East	187	117	154	789	81
Elcho Road West	321	170	49	1,807	31
Heales Road West	610	385	284	2,635	660
Heales Road East	227	174	207	415	374
External	0	0	0	0	0
Total	14,319	8,980	11,882	10,508	1,835
Merrawap Road	3%	2%	4%	1%	0%
McCanns Lane	16%	16%	38%	5%	2%
Batesford South	50%	58%	50%	12%	5%
Batesford North	13%	5%	0%	15%	0%
Creamery Road	8%	10%	2%	14%	30%
Elcho Road East	1%	1%	1%	8%	4%
Elcho Road West	2%	2%	0%	17%	2%
Heales Road West	4%	4%	2%	25%	36%
Heales Road East	2%	2%	2%	4%	20%
External	0%	0%	0%	0%	0%
Total	100%	100%	100%	100%	100%

Regards

Reece Humphreys

Market Lead – Transport, Roads & Highways

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