

Tabled by
Keaney #3
16/6/06

**Table 3.1A - Daily Traffic Volumes for the Build and No Build Cases,
Year 2006**

Road ID	Road Description	Road Type	Daily Vehicle Volumes					
			Cars			Trucks		
			No LCT	With LCT	% Change	No LCT	With LCT	% Change
L1-A	M2, West of Pittwater Road	Feeder Road	50,432	62,476	23.9%	789	862	9.3%
L1-B	Epping Road, West of Pittwater Road	Feeder Road	69,585	74,585	7.2%	1,381	1,797	30.1%
L2	Epping Road, West of Mowbray Road	Western Portal Area	120,875	138,174	14.3%	2,183	2,863	31.2%
LCT	Tunnel	LCT Tunnel	-	109,100	-	-	2,500	-
L3	Epping Road, East of Mowbray Road	Epping Road	102,146	17,265	-83.1%	1,832	256	-86.0%
L4	Epping Road, East of Sam Johnson Way	Epping Road	101,954	14,556	-85.7%	1,961	237	-87.9%
L5	Epping Road, East of Centennial Avenue	Epping Road	99,170	12,541	-87.4%	2,261	276	-87.8%
L6	Gore Hill Freeway, East of Gore Hill Freeway Ramps	Gore Hill Freeway	178,914	162,194	-9.35%	6,184	5,555	-10.17%
L7	Pacific Highway, North of Mowbray Road	Feeder Road	109,556	110,721	1.1%	4,910	4,732	-3.6%
L8	Pacific Highway, North of Tunnel	Feeder Road	53,531	48,781	-8.9%	2,652	2,493	-6.0%
L9	Pacific Highway, South of Tunnel	Feeder Road	44,838	44,772	-0.2	2,355	2,300	-2.4%
L10	Mowbray Road West, East of Epping Road	Mowbray Road	16,944	13,891	-18.0%	361	174	-51.7%
L11	Mowbray Road West, West of Centennial Avenue	Mowbray Road	16,944	13,891	-18.2%	361	174	-51.7%
L12	Mowbray Road West, East of Pacific Highway	Mowbray Road	43,293	43,470	0.4%	1,728	1,839	6.4%
L13	Centennial Avenue-South of Epping Rd	Feeder Road	37,844	33,267	-12.1%	844	670	-20.7%
L14	Centennial Avenue-North of Epping Rd	Feeder Road	32,074	33,868	5.6%	671	686	2.1%
L15	Longueville Road, South of Epping Road	Feeder Road	19,783	16,444	-16.9%	676	515	-23.7%
L16	Pittwater Road, South of Epping Road	Feeder Road	39,523	39,955	1.1%	683	869	27.3%
L17 ⁽¹⁾	LCT Tunnel on and off ramp to Pacific Highway	Eastern Portal Area	15,825	32,700	106.6%	352	700	99.1%
L18	Longueville Road connection to Gore Hill Freeway	Eastern Portal Area	93,090	16,022	-82.8%	2,644	591	-77.6%
L19	Longueville Road on and off ramps to Pacific Highway	Epping Road	37,641	13,324	-64.6%	884	393	-55.5%
L20	Pacific Highway on and off ramps to Gore Hill Freeway	Eastern Portal Area	53,584	54,169	1.1%	2,630	2,616	-0.5%

RTA 2004 SKM

Cars / Trucks

37,882 / 2,288

54,836 / 4,996

73,137 / 12,587

75,288 / 6,722

17,060 / 941

23,503 / 1618

18,962 / 941

11,597 / 392

Road ID	Road Description	Road Type	Daily Vehicle Volumes						
			Cars			Trucks			
			No LCT	With LCT	% Change	No LCT	With LCT	% Change	
L21W	Gore Hill Freeway on and off ramps to the West of Reserve Road	Eastern Portal Area	32,240	25,141	-22.0%	910	853	-6.2%	
L21E	Gore Hill Freeway on and off ramps to the East of Reserve Road	Feeder Road	27,766	17,624	-36.5%	466	344	-26.2%	
L22	Reserve Road, north of Gore Hill Freeway	Feeder Road	18,291	18,269	-0.1%	476	387	-18.6%	12,267 / 1,034
L23	Reserve Road, south of Gore Hill Freeway	Feeder Road	21,691	21,544	-0.7%	537	543	1.1%	20,730 / 1,745
L24	LCT Tunnel connection to and from Gore Hill Freeway	Eastern Portal Area	0	66,862	0	0	1,495	0	
L25	Epping Road connection to and from Tunnel (western portal)	Western Portal Area	0	52,232	0	0	1,381	0	
L26	LCT connection to surface roads (west of portal)	Western Portal Area	0	109,100	0	0	2,500	0	
L27	Longueville Road, west of Pacific Highway	Epping Road	210,274	45,359	-78.4%	5,925	1,574	-73.4%	84,915 / 6,922
L28	Pacific Highway, south of Mowbray Road	Feeder Road	103,764	100,768	-2.9%	5,151	4,981	-3.3%	
L29	Mowbray Road, west of Pacific Highway	Mowbray Road	25,073	23,600	-5.9%	725	494	-31.0%	23,877 / 1,195

Note 1 - Traffic numbers in section L17 allow for the combined traffic from the Pacific Highway exit ramp and the newly constructed entry ramp. As a consequence, traffic numbers have nearly doubled.

Table 3.1B ? Summary of the Daily Vehicle Volumes for the Two Cases (No Build and Build Options), Year 2006

Analysed Road Sections	Daily Vehicle Volumes					
	Cars			Trucks		
	No Build	Build	% Change	No Build	Build	% Change
Total Western Portal Area	120,875	138,174	14.31%	2,183	2,863	31.17%
Total LCT Tunnel	-	109,100	-	-	2,500	-
Average Epping Road (above tunnel)	110,237	20,609	-81.31%	2,573	547	-78.73%
Average Mowbray Road	25,564	23,713	-7.24%	794	670	-15.56%
Total Eastern Portal Area	194,739	128,032	-34.25%	6,536	4,760	-27.16%
Total Feeder Road (analysed sections only)	807,592	785,269	-2.76%	27,777	26,735	-3.75%
Longueville Road west of Pacific Highway	247,915	58,682	-76.33%	6,808	1,968	-71.10%
Pacific Highway exit ramp portal	69,356	64,219	-7.41%	3,004	2,765	-7.96%
Eastern Portal intake	146,674	137,053	-6.56%	5,274	4,702	-10.84%
Gore Hill Freeway, east of Gore Hill Freeway Ramps	178,914	162,194	-9.35%	6,184	5,555	-10.17%

The vehicle emission results for the two scenarios were then compared. The percentage changes in vehicle emissions for each road section are summarised in Tables 3.2A & 3.2B below.