

Table C1: Lorinna Road Investment Appraisal: Least Cost Analysis of Options
 (\$ '000s: 2006 Constant Prices, with GST)

Year Ended June	Base Case: Existing Lorinna Road			Option 1: Botts Road			Option 2: Wilks Road			Option 3: New road north of Wilks Road			
	Capital Cost	O & M Cost	Total Cost	Capital Cost	O & M Cost	Total Cost	Capital Cost	O & M Cost	Total Cost	Capital Cost	O & M Cost	Total Cost	
1	2007	381.0		381.0	1,670.0		1,670.0	1,520.0		1,520.0	1,476.0		1,476.0
2	2008		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
3	2009		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
4	2010		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
5	2011		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
6	2012		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
7	2013		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
8	2014		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
9	2015		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
10	2016		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
11	2017		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
12	2018		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
13	2019		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
14	2020		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
15	2021		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
16	2022		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
17	2023		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
18	2024		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
19	2025		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9
20	2026		18.8	18.8		12.7	12.7		11.6	11.6		8.9	8.9

Total Costs		738.2		1,911.3		1,740.4		1,645.1
NPV @ 7%		\$537.67		\$1,683.42		\$1,532.61		\$1,465.41
NPV @ 6%		\$557.33		\$1,709.16		\$1,556.07		\$1,486.14