

Table 5.7 - Summary of TEE Tables for CHUMMS Strategy and Alternative Proposal

*(Benefits appear as positive numbers, costs as negative numbers.
 All entries are discounted present values in £,000s, 2002 prices and values)*

	CHUMMS Strategy	Alternative Proposal
Consumers		
User benefits		
Travel time	805,250	902,502
Vehicle Operating costs	-38,293	6,817
User charges	0	0
During Construction & Maintenance	-19,956	-30,494
NET CONSUMER BENEFITS	747,000	878,825
Business		
User benefits		
Travel time	1,362,396	1,549,619
Vehicle Operating costs	-240,935	-180,686
User charges	0	0
During Construction & Maintenance	-77,914	-130,256
NET BUSINESS BENEFITS	1,043,547	1,238,677
Private sector provider impacts		
Revenue	30,005	27,889
Operating costs	0	0
Investment costs	0	0
Grant/subsidy	0	0
SubTotal	30,005	27,889
Other business impacts		
Developer Contributions	0	0
NET BUSINESS IMPACT	1,073,552	1,266,566
TOTAL PV of TEE Benefits	1,820,552	2,145,391
Appraisal Period	2010 to 2069	

Table 5.8 - Summary of Public Accounts Table for CHUMMS Strategy and Alternative Proposal

*(Costs appear as positive numbers, revenues as negative numbers.
 All entries are discounted present values in £,000s, 2002 prices and values)*

	CHUMMS Strategy	Alternative Proposal
Local Government Funding		
Revenue (a)	-1,018	-965
Operating Costs	0	0
Investment Costs	0	0
Developer Contributions	0	0
Grant/Subsidy Payments	0	0
NET IMPACT	-1,018	-965
Central Government Funding		
Revenue	0	0
Operating Costs	6,945	6,007
Investment Costs	388,589	378,284
Developer Contributions	0	0
Grant/Subsidy Payments	0	0
Indirect Tax Revenues (b)	-286,299	-269,910
NET IMPACT	109,235	114,381
TOTAL PRESENT VALUE OF COSTS (PVC)	108,217	113,416

Table 5.9 - Summary Analysis Table for CHUMMS Strategy and Alternative Proposal

(All entries are discounted present values in £,000s, 2002 prices and values)

	CHUMMS Strategy	Alternative Proposal
Non-Exchequer Impacts		
Consumer User Benefits	747,000	878,825
Business User Benefits	1,043,547	1,238,677
Private Sector Provider Impacts	30,005	27,889
Other Business Impacts	0	0
Accident Benefits	334,117	309,706
Net Present Value of Benefits (PVB)	2,154,669	2,455,097
Local Government Funding	-1,018	-965
Central Government Funding	109,235	114,381
Net present Value Costs (PVC)	108,217	113,416
Overall Impact		
Net present Value (NPV)	2,046,452	2,341,681
Benefit to Cost Ratio (BCR)	19.9	21.6
HA Benefit to Cost Ratio (BKR)	6.2	7.1
Definitions:		
NPV = PVB - PVC		
BCR = PVB/PVC		
BKR = (PVB-(a)-(b))/(PVC-(a)-(b))		