

Honolulu High-Capacity Transit Corridor Project Managed Lane Alternative Summary Cost Comparison of Alternative Analysis			2006\$ with Contingency
date: 10/20/06 last update: 10/20/06 1:45 PM			Reversible Facility
Description			
			Elevated
70.00	VEHICLES		
70.01	Light Rail		not used
70.02	Heavy Rail		not used
70.03	Commuter Rail		not used
70.04	Bus		not used
70.05	Other		not used
70.06	Non-revenue vehicles		not used
70.07	Spare parts (10% of LRV's)		not used
	SUBTOTAL VEHICLE COST		\$0
		\$0	
	CONTINGENCY & ENGINEERING STAFF(10%+14%)	24%	\$0
		0	
	TOTAL VEHICLE COSTS		\$0
80.00	SOFT COSTS		
80.01	Preliminary Engineering	3.0%	\$53,926,583
80.02	Final Design	4.5%	\$80,889,874
80.03	Project Management for Design and Construction	5.5%	\$98,865,401
80.04	Construction Administration & Management	10.0%	\$179,755,275
80.05	Insurance-Professional liability	1.50%	\$26,963,291
80.06	Legal, Permits, Review Fees by other agencies, cities, etc	1.50%	\$26,963,291
80.07	Survey, Testing, Investigation, Inspection	0.50%	\$8,987,764
80.08	Agency: Force Account Work (2%3,4)	3.5%	\$62,914,346
	SUBTOTAL SOFT COSTS		30% \$539,265,825
90.00	CONTINGENCY (Project Reserve) (10 thru 90)	6.0%	\$145,572,215
100.00	FINANCE CHARGES		\$0
110.00	Total Construction (10+20+30+40+50) (2006\$)		\$1,797,552,750
	OTHER PROJECT COST (60+70+80+90+100) (2006\$)		\$774,223,040
	TOTAL PROJECT COST (10+20+30+40+50+60+70+80+90+100) (2006\$)		\$2,571,775,790
	Route foot length		83.112'
	Construction Cost per Route Foot (2006\$)		\$21,700
	Construction Cost per Route Mile (2006\$)		\$114,576,000