

Table 8.3: Sonoma Marin Rail Implementation Alternatives: Total Project Costs and Revenues (in 1999 \$ million)

Rail Implementation Alternatives

	Alternative 1 (Preferred)	Alternative 2	Alternative 3	Alternative 4	Alternative 5
	Cloverdale to San Rafael in 2004, service enhancements in 2011; Alt 1 has mid-day service; Alt 2 does not.		Santa Rosa to San Rafael in 2004; extension to Cloverdale in 2011; Alt 4 has mid-day service; Alt 3 does not.		Cloverdale to San Rafael in 2011
Costs					
Planning/Design (1)	\$13.80	\$13.80	\$9.40	\$9.40	\$16.20
Total Capital Costs (inc. EIR/EIS)	\$162.50	\$162.50	\$145.50	\$145.50	\$162.50
Total Operating Costs (2)	\$132.96	\$127.33	\$120.30	\$123.59	\$80.26
Interest Payments/Debt Expenses (3)	\$42.40	\$42.82	\$32.05	\$31.87	\$5.94
Total Costs	\$351.66	\$346.45	\$307.25	\$310.35	\$264.89
Revenues					
Farebox Revenues (3)	\$44.74	\$41.34	\$32.32	\$34.47	\$30.89
Sales Tax Contributions, Capital	\$180.73	\$181.19	\$140.74	\$140.52	\$118.94
Sales Tax Contributions, Operating	\$88.21	\$85.98	\$87.99	\$89.12	\$49.36
Interest Earned	\$8.90	\$9.08	\$18.03	\$17.82	\$37.56
Existing Federal Earmarks	\$5.55	\$5.55	\$5.55	\$5.55	\$5.55
Proposed Federal Earmarks	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Existing State Prop 116 Earmarks	\$28.00	\$28.00	\$28.00	\$28.00	\$28.00
Total Revenues (4)	\$356.14	\$351.15	\$312.63	\$315.48	\$270.30
Percentage of Total Sales Tax Dedicated to Rail Funding from FY 01 to FY 12	38.3%	38.0%	31.4%	31.5%	19.9%
Percentage of Total Sales Tax Dedicated to Rail Funding over the 20-Year Project	26.6%	26.4%	22.6%	22.7%	16.6%

Notes:

- (1) Planning and design costs are assumed to be 10 percent of first-phase capital costs; Alternatives 3 and 4 incur a substantial portion of capital costs in their second phase.
- (2) Operating costs and farebox revenues for Alternative 5 are low because the revenue service date is later than in the other alternatives and scenarios.
All capital and operating costs reflect the use of DMUs.
- (3) Interest payment and debt expenses are calculated as the total amount of debt service paid, minus the amount used for capital expenditures.
- (4) Total revenues are roughly \$3 million higher than costs for the five alternatives, because a small percentage of the sales tax continues to be allocated to a capital account, which carries a surplus at the end of the 20-year period.

Source: Pittman & Hames Associates, April 2000

