

Table 1
Marin Emergency Radio Authority
700MHz System Financial program
Capital Costs and Average Facilities Life

	Cost Class	Estimated Life	Estimated Cost**	Average Life - years	Effective Bond Term Years
Planning	soft cost	*	\$175,000		
Special counsel	soft cost	*	150,000		
Staff support	soft cost	*	2,200,000		
Vender payment - equipment	equipment	12	2,200,000		
FCC approval	soft cost	*	50,000		
Environmental	soft cost	*	500,000		
ROW	soft cost	*	200,000		
Permits	soft cost	*	150,000		
Design	soft cost	*	1,100,000		
Site improvements	grading/concrete	30	3,000,000		
Microwave equipment	equipment	15	2,000,000		
Backbone equipment	equipment	12	4,400,000		
Dispatch center	radios/equipment	10	550,000		
Master and remote site equipment	equipment	12	1,100,000		
Training	soft cost	*	300,000		
Test equip	equipment	12	150,000		
Subscriber equipment	radios (5,000)	7	16,650,000		
Testing	soft cost	*	1,100,000		
Final acceptance	soft cost	*	550,000		
Spare parts	equipment	12	250,000		
Subtotal Capital Costs			36,775,000		
Contingency @ 25%		*	<u>9,194,000</u>		
Total Capital Cost			\$45,969,000		
Weighted average facility life - with radios				11.3	18
Weighted average facility life - w/o radios				16.3	25

* - Estimated life of soft costs & contingency equals the weighted life of construction and equipment.
 ** - Cost estimates prepared by Marin County staff and consultants.

Table 3
Marin Emergency Radio Authority
700MHz System Financial program
Amount of Bond Issue

Required proceeds	from Table 1	\$46,000,000	\$39,400,000
Capitalized interest	30 months @ 3.5%	4,000,000	3,600,000
Reserve fund	average annual payment	3,700,000	3,200,000
Issuance		<u>300,000</u>	280,000
Amount of Bond Issue		\$54,000,000	\$46,480,000
Average annual payment: 18 years, 4.0%		\$4,270,000	\$3,672,000
Less: earnings on reserve fund @ 1.0%		37,000	32,000
Net annual payment		\$4,233,000	\$3,640,000
Estimated number of equivalent parcels		105,000	105,000
Annual cost per equivalent parcel		\$40	\$35