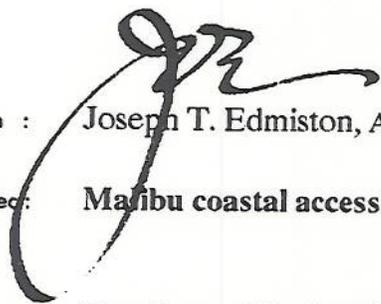


Memorandum

To : Michael L. Fischer
Executive Officer
State Coastal Conservancy

Date : December 23, 1996

From :  Joseph T. Edmiston, AICP, Executive Director

Subject: **Malibu coastal access easements—cost of patrol and maintenance**

The Santa Monica Mountains Conservancy and its field operations arm—the Mountains Recreation and Conservation Authority (MRCA)—have considerable experience in providing the diverse Southern California population with access to public resources in high amenity neighborhoods, especially at overlooks along the Mulholland Scenic Parkway. This experience is analogous to the problems and opportunities presented at the ten to twelve so-called “vertical easements” proposed to be opened along the Malibu coastline.

Recommended Deployment—56 Hours/Week Ranger Patrol: You asked us to estimate the actual expense of a seven-day-a-week, eight hour per day patrol and maintenance deployment, plus incidental costs related to maintenance, repair, and replacement of the access ways themselves. We have used the midrange of Ranger I to calculate the total personnel cost of ranger patrol (including payroll taxes, benefits, workers compensation, personal protective equipment, and uniforms) which is \$26.86 per hour for the 1996-97 fiscal year. Vehicle cost is \$7.14 per hour and includes insurance, maintenance, fuel, and acquisition cost *pro rated* over a useful life of 100,000 miles for a standard one-ton emergency equipped 4 x 4 pickup. Repair and replacement is assumed to be limited to gate fixtures, trash cans, locks, and signs. For the signs we assume three signs per access way (two regulatory signs, one at either end of the access way, and one public information sign on the PCH side), and that two of these would have to be replaced per access way per year. Maintenance costs of \$230 per access way per year are assumed to be limited to trash can liners, vandalism abatement materials, and the *pro rata* cost of dumpster fees.

Personnel (\$26.86 x 56 hrs x 52 weeks)	78,216
Vehicle (\$7.14 x 56 hrs x 52 weeks)	20,792
Repair and replacement (\$400 x 10)	4,000
Maintenance supplies and fees (\$230)	2,300

Total: \$105,308

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Minimum Deployment—42 hrs/week mixed staffing: This is a seven day-a-week program, although only operating six hours per day on a split shift, using primarily unsworn park staff (at \$21.86 per hour, total taxes and benefits) with an average of 2 hours per day of ranger call-out. This alternative assumes (without further research as to feasibility) that Los Angeles County Proposition A funds will be used to improve the access ways, thereby entitling them to a share of maintenance and servicing funds allocated in that measure, and that the Los Angeles County Board of Supervisors will actually allocate repair, replacement, and maintenance funds therefor.

Personnel ($\$21.86 \times 28 \text{ hrs.} \times 52$ and $\$26.86 \times 14 \text{ hrs.} \times 52$)	51,003
Vehicle ($\$7.14 \times 42 \text{ hrs.} \times 52$)	15,594
Total:	<u>\$66,597</u>