

## ROADBASE COST PER MILE OF ROAD

Compacted to 6" thickness

VARIABLES			COST PER TON				
Width/Feet	Tons Used	Loads (25 Ton/Load)	\$6.00	\$8.00	\$10.00	\$12.00	\$14.00
10	1565	63	\$9,390	\$12,520	\$15,650	\$18,780	\$21,910
20	3130	125	\$18,730	\$25,040	\$31,300	\$37,560	\$49,820
30	4693	188	\$28,158	\$37,644	\$46,930	\$56,316	\$65,702

Reference: *Excavation Handbook* by H.K. Church

The above table illustrates the cost per mile for roadbase given a six-inch thickness. Using the same figures, consider the cost of one square yard of roadbase, one inch thick. At \$6.00 per ton, the cost of the roadbase is \$0.27 per square yard per inch thick. If the roadbase costs \$10.00 per ton, the square yard cost is \$0.44 per inch.

When **ROADBOND EN 1** is used to reduce the amount of roadbase the savings can be significant and the more expensive the base material, the more pronounced the savings. For example, if 8" of roadbase is reduce to 6" and the base material costs \$10 per ton, the roadbase cost is reduced by \$0.88 per square yard. That is over \$15,000 per mile on a 30 foot roadway!

## ROADBOND EN 1 SAVES TIME, MONEY AND NATURAL RESOURCES



In January 1991, the southbound service road of Loop 820 in Ft. Worth, TX was reclaimed using **ROADBOND EN 1** soil stabilizer and paved with one and one-half inch of asphalt overlay.

Central Freight has a large terminal on the right and hundreds of trucks use this road each week.



After 14 years the road has slight channeling in the wheel paths, but no pushes, heaves, soft spots or repairs of any kind.

The total material cost to reclaim this road, other than paving was less than \$0.50 SY!

**ROADBOND EN 1 soil stabilizer saved between \$25,000 and \$35,000**