

Summary of Laboratory Testing

Erosion Resistance Testing

RESULTS: Mixing TSW with road base increased the erosion resistance multiple times and the percentage of loss after treatment is less than 1%.

The research study conducted at TPPC showed that 1% polymer, developed at UT Austin, can prevent erosion significantly. Figure 1 shows with 1% polymer treatment only 0.88% of the road shows erosion where untreated roadway structure shows 100% erosion.

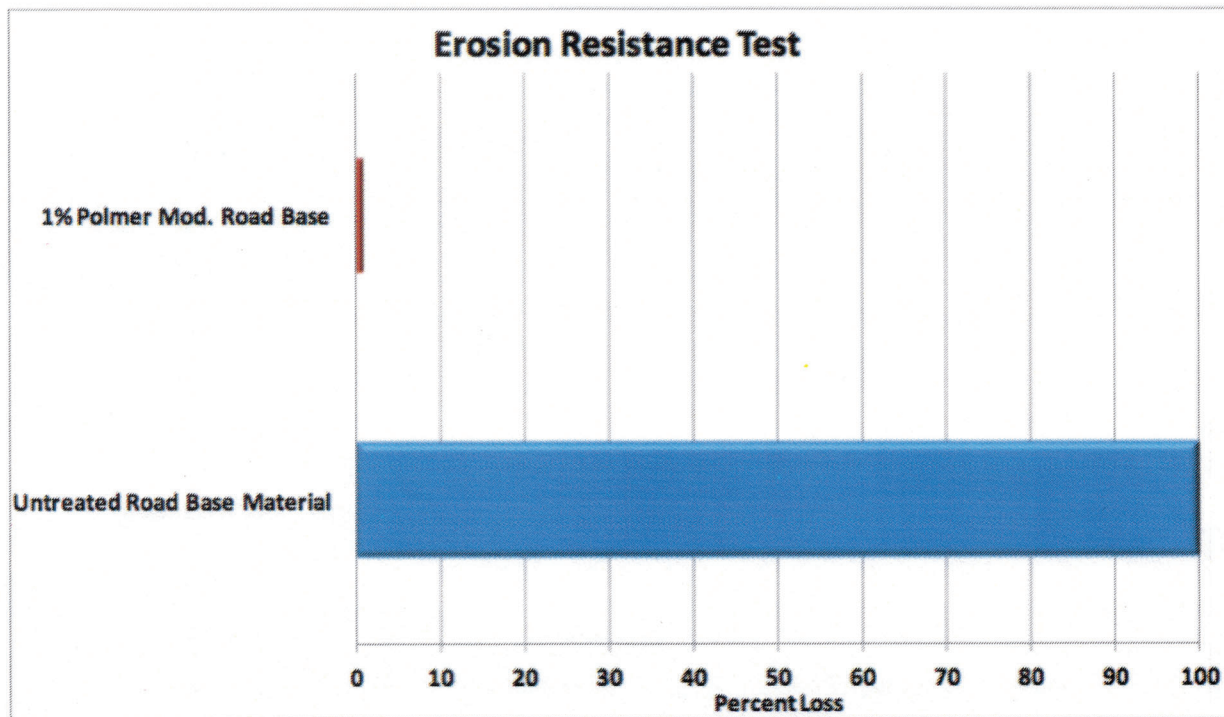


Figure 1: Erosion resistance test results

Researcher

Drit Sokoli, Civil Engineer

University of Texas at Austin

drit@utexas.edu