

REDUCING AGGREGATE CONSUMPTION THROUGH THE USE OF SOIL REINFORCEMENT PRODUCTS.

MINIMIZE CARBON EMISSIONS

CO² Emissions

58,600 kgCO²e

← Save 61% →

Stabilized Roads

126,960 kgCO²e

Unstabilized Roads

Reduce your CO² emissions by requiring less aggregate thickness and fewer trucks for material transportation.

A POTENTIAL OF UP TO 70% IN AGGREGATE SAVINGS



Incorporating geosynthetic products **helps tackle aggregate shortages** and maintains your construction project's performance and reliability.

INCREASED SAFETY



Less truck traffic reduces the occurrence of unexpected debris falling onto roadways.

RESILIENT INFRASTRUCTURE



Reinforcing compacted aggregate layers with geosynthetics significantly enhances load-bearing capacity, outperforming aggregate-only layers that are twice as thick.

REDUCED TRUCK TRAFFIC

Dump Truck Visits

677

← Save 60% →

Stabilized Roads

1,702

Unstabilized Roads

Reduced aggregate thickness also reduces the number of trucks you need for material transport.

ACCELERATED PROJECT DELIVERY



Construction Time

12 Days

← Save 53% →

Stabilized Roads

31.2 Days

Unstabilized Roads

Decreased aggregate requirements allow for a quicker placement process, resulting in faster construction completion.

DIRECT COST SAVINGS



Incorporating geosynthetics can save on transportation, construction time, and aggregate material and water costs.