

HIGHWAY 22 RECONSTRUCTION

EROSION CONTROL

SLOPE STABILIZATION

STORMWATER MANAGEMENT

MODERNIZING A CRITICAL HIGHWAY CORRIDOR

THE CHALLENGE

The \$37 million reconstruction of Highway 22 from Mankato to St. Peter targeted one of Minnesota's busiest and most vital corridors. The project aimed to enhance safety, streamline traffic, and modernize aging infrastructure while preparing the route for a future Minnesota State Trail connection. Crews needed to upgrade intersections, improve pavement conditions, and maintain efficient traffic flow throughout construction.

At the same time, the corridor crossed environmentally sensitive areas, including the impaired waters of the Minnesota River. The project required strict erosion and sediment control to protect waterways while meeting MnDOT standards and maintaining construction schedules. Coordinating detours, managing heavy traffic, and preserving environmental compliance created a complex, high-visibility challenge.



TARGETED CONTROLS KEEP CORRIDOR ON TRACK



THE SOLUTION

Ero-Guard, a Nexterra company, supplied \$260,000 in erosion control and environmental construction materials, including blankets, hydro-mulch, and custom seed blends tailored to local soils and conditions. These measures stabilized slopes, reduced sediment runoff, and accelerated vegetation growth, protecting sensitive waterways while allowing construction to proceed efficiently.

Working alongside MnDOT and consulting engineers at Bolten & Menk, the team applied proactive erosion control and careful site management throughout each phase of reconstruction. Traffic detours were coordinated to maintain public access, while environmental measures remained in place to ensure compliance and protect surrounding ecosystems.

THE RESULTS

The completed corridor now offers safer intersections, smoother pavement, improved traffic flow, and infrastructure ready for a future multi-use trail. Stabilized slopes, controlled runoff, and thriving vegetation provide lasting environmental performance while reducing maintenance demands. The Highway 22 reconstruction demonstrates how strategic materials, technical expertise, and coordinated planning can deliver safer, more resilient transportation infrastructure.

ERO-GUARD

Ero-Guard is an industry-leading manufacturer of high-quality erosion control products built for demanding projects across the country. Since 2004, Ero-Guard has earned its reputation by delivering consistent product quality with the response time that keeps jobs moving.

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