



# RICHLAND PARISH DATA CENTER

EROSION CONTROL

SLOPE STABILIZATION

STORMWATER MANAGEMENT

## TACKLING A LARGE-SCALE INFRASTRUCTURE PROJECT

### THE CHALLENGE

The Richland Parish Data Center in northeast Louisiana represents one of the largest and most complex commercial infrastructure projects in the region, with a projected \$10 billion investment across two phases. Phase one spans 2023 to 2026 with an engineer's estimate of \$378 million, followed by a second phase from 2027 to 2030 projected at an additional \$378 million. The scale of the project introduces significant demands on land engineering, environmental compliance, and construction logistics, creating a high-stakes environment where precision and coordination are critical.

The site required extensive re-engineering to transform flood-prone land and weak infrastructure into reinforced areas capable of supporting heavy equipment and a self-contained water cooling system. These conditions demanded advanced erosion and sediment control, careful sequencing, and a coordinated approach to both temporary and permanent site stabilization to maintain regulatory compliance while keeping construction moving efficiently.



## MAINTAINING BOTH COMPLIANCE AND PROJECT EFFICIENCY



### THE SOLUTION

Ero-Guard delivered a comprehensive erosion control and environmental management strategy designed to align revegetation goals with aggressive construction timelines. The team provided custom seed blends, fertilizers, straw matting, and containment measures, applied strategically to stabilize exposed areas, protect sensitive zones, and support rapid recovery as work progressed across the site.

Working closely with installation and rental partners, Ero-Guard coordinated material deployment, removal, and replacement in step with the phased construction schedule. This field-driven, collaborative approach ensured resources were available exactly when needed, minimized downtime, and maintained consistent compliance throughout changing site conditions and evolving regulatory requirements.

### THE RESULTS

The project established a reliable framework for environmental compliance and long-term site performance across a multibillion-dollar development. Enhanced drainage, improved access routes, extended pavement life, and durable roadway and bridge infrastructure supported efficient construction and sustainable operations. The Richland Parish Data Center demonstrates how Nexterra's platform and Ero-Guard's technical expertise can scale to high-profile, complex projects, delivering resilient, compliant, and performance-driven outcomes at extraordinary scale.



From slope stabilization on major infrastructure projects to advanced stormwater systems on complex energy sites, our track record reflects our role as a reliable, forward-thinking environmental partner.

### CONTACT SALES

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