ROUTE 30 RESTORED

Route 30 Landslide Remediation | East Pittsburgh, PA
Powerful Teamwork Saves Lives and Reconnects Allegheny County Communities

“A typical project of this magnitude would take approximately two to three years...IN LESS THAN THREE MONTHS, this project has been designed, built, and the roadway reopened.”
— Leslie S. Richards, State Secretary of Transportation

MINIMIZING DISRUPTION
An extraordinary engineering effort minimized the widespread disruption caused by the sudden collapse of Route 30 near Pittsburgh. Quick thinking by an engineering team before the collapse likely saved dozens of lives.

A massive landslide caused the destruction, crumbling the roadway and dropping tons of debris down a hillside, damaging two apartment buildings beyond repair. Just hours earlier, engineers had initiated the evacuation of apartment residents. No one was injured, but the closure of the vital artery threatened to paralyze the region—30,000 motorists depend on Route 30 every day.

REMARKABLE ACHIEVEMENT
Around-the-clock work and an unconventional design approach helped the remediation team meet an extremely aggressive schedule to rebuild the roadway. By collecting geotechnical data and designing remediation simultaneously, engineers avoided the years-long closure that commuters were dreading. The delivery of a remediation design and bid package in 10 days kicked off construction that safely reopened Route 30 just 80 days after the collapse.