

ENGINEERING NEWSLETTER

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logo to be
directed to their
Website!

WHY GRAVIX?

- Designed for DOT and Heavy Rail applications as well as challenging commercial projects
- Gravix® is accepted by 31 DOT's across the United States and expanding rapidly. NYSDOT Approved!
- Over 100,000 SF of Gravix already designed and installed in the U.S. and Canada
- Cost reduction and time savings due to smaller (typically 3 to 4 man) crews/100% precast
- Onsite soils can often be utilized with the Gravix system (AASHTO Bin Wall Design Methodology)
- Gravix Slot Construction – tighter sites, existing utilities & obstructions



GRAVIX: SLOT CONSTRUCTION

One advantage of the Gravix retaining wall system is the elimination of temporary shoring and/or excavation due to the unique stem structure. Gravix installation only requires a small slot into a sloped backcut.

This method reduces the amount of soil excavated and utilizes the excavated soil as fill within the slots after Gravix installation, resulting in significant savings.



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MASH TL-4 TRAFFIC BARRIER

- Gravix is the first all precast traffic barrier to pass the MASH TL-4 impact test.
- Integrated moment slab
- Gravix barriers come in 36" and 42" single slope options
- Can be placed on top of Gravix walls and MSE panel walls

Click [Here](#) to watch the Gravix Impact Test



SAFETY IMPROVEMENT RETAINING WALL

PROJECT: Safety and operational improvements along the entire corridor of Pine Mountain Road.
LOCATION: Pine Mountain Rd. Kennesaw, Georgia
OWNERS: American Engineers Inc. (AEI)

PROJECT HIGHLIGHTS: The 1.5 miles of Pine Mountain Road will be widened to three 12-ft. lanes, sidewalks were added to both sides of the road, and retaining walls were constructed to minimize right-of-way impacts. Gravix was selected because of the limited excavation and impact required to install the wall.



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INTERSTATE NORTH



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PROJECT: Roadway improvements to accommodate the increased traffic and pedestrian flow.

LOCATION: Interstate North - Atlanta, GA

PROJECT HIGHLIGHTS: The Gravix Slot Construction method eliminated the added cost of temporary shoring and kept the wall within the county right of way. The versatility of the Gravix retaining wall system allowed the cut and fill retaining walls, including a traffic barrier, to be completed with one wall system.

BRIDGE ABUTMENT


PROJECT: Bridge abutment

LOCATION: Bridgeport CSX - Newnan, Georgia

PROJECT HIGHLIGHTS: A unique feature of this project's design included custom narrower face widths provided to avoid conflict. One of the benefits of the Gravix system is the ability to work with difficult circumstances such as around bridge pilings and a soft foundation of stems with the bridge piles' locations.




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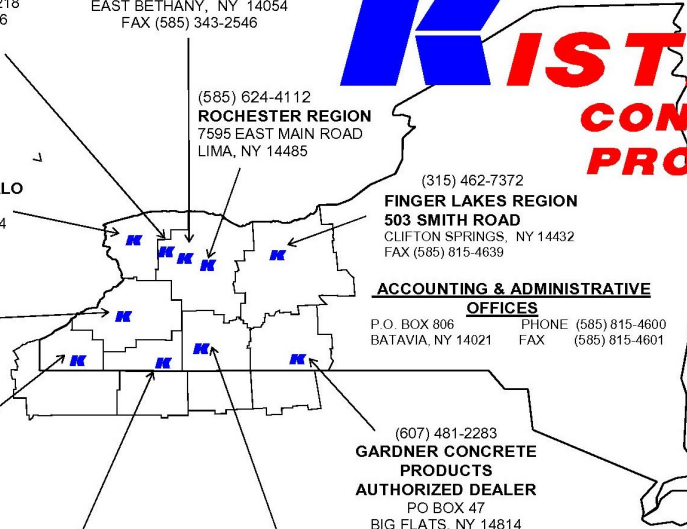

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