



**A leader and innovator in the Concrete Products business  
serving the needs of the transportation and building industry  
for over 50 years.**



**PLANT LOCATIONS: DOWNINGTOWN, KUTZTOWN, NEW CASTLE, PA  
and KING GEORGE, VA**

Faddis Concrete Products  
2206 Horseshoe Pike  
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## **STANDARD PRODUCT LINE**

CONTACT FADDIS TO INQUIRE ABOUT PROJECT SPECIFIC PRODUCTS

### **NOISE BARRIER, RETAINING WALL, SCREEN WALL**

*STONEWALL* post and panel noise barrier

*ACOUSTACRETE*® sound absorptive concrete

*ANGLEWALL*™ freestanding shallow foundation noise barrier

*SHOREWALL*™ combination retaining and noise wall

LAGGING panels for soldier pile wall

MSE retaining wall panel and parapet

*DURAHOLD* concrete crib retaining wall

*ACOUSTAL*™ aluminum lightweight sound absorptive noise barrier

*ACOUSTACLEAR*® acrylic see-through sound-reflective noise barrier

**TRANSIT** platforms, stairway, and parapet wall

**BRIDGE DECK** exodermic and half filled panel

**ECO-SPAN ARCH BRIDGE**

### **TRAFFIC SAFETY BARRIER**

PennDOT and PA TURNPIKE standard and non standard shapes

JJ - HOOK proprietary temporary safety barrier

ARCHITECTURAL safety barrier

**JUNCTION BOXES** for electric utility and traffic signal applications

**PERENNIAL PLANTERS** for perimeter security applications

### **ARCHITECTURAL CAST STONE**

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AND KING GEORGE, VA**

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## StoneWall



StoneWall is a post and panel noise barrier that is made to conform to state DOT specs. Post spacing is from 12 to 24 feet using concrete or steel posts, usually on caisson foundations. Panel patterns cast on formliners can take on the appearance of stone, brick or fractured fins. Reverse side of panel is usually a raked surface, or patterns can be stamped into the surface. Panels may be natural gray, acrylic stained in earth tones, or landscaped with climbing vines. Stone patterned panels can be colorized to make the stones look like real quarried stones. Panels stack in wide post spacings or can be full height if post spacing is 12 feet or less. Post foundation connection options are fully embedded, partial embedded or bolt down.

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## StoneWall

Available in a wide variety of patterns, and colors to meet project specifications.



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## AcoustaCrete®



AcoustaCrete sound absorptive concrete is a durable, free draining material that is approved for use in the demanding environment along Interstate highways subject to freezing and thawing and salt laden snow clearing operations. Available in a variety of patterns. Earth tone colors may be applied using acrylic coatings

Acoustical properties: NRC 70 or higher - single or double sided absorption

Structural properties: Panels for post spacing up to 24 feet c-c

Panels for earth retaining structures

Panels for AngleWall shallow foundation noisebarrier

Posts may be steel, with AcoustaCrete post covers, or concrete, ground or structure mount.

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## AcoustaCrete®

Noise from electric transformers, reactors, and industrial equipment are abated by the installation of AcoustaCrete noise barriers.



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## AcoustaCrete®

Over 5,000,000 square feet of sound absorptive AcoustaCrete walls have been constructed to eliminate reverberation between walls and reflection from noise barriers.

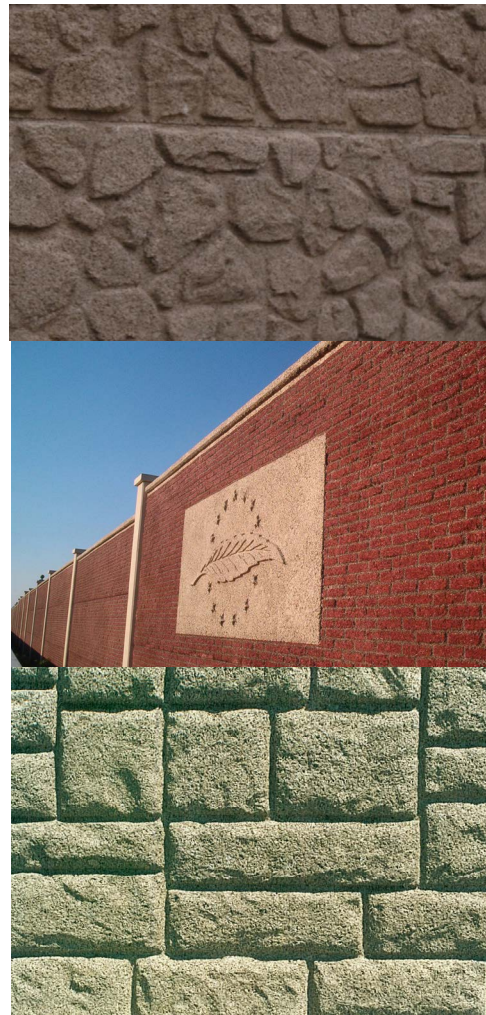
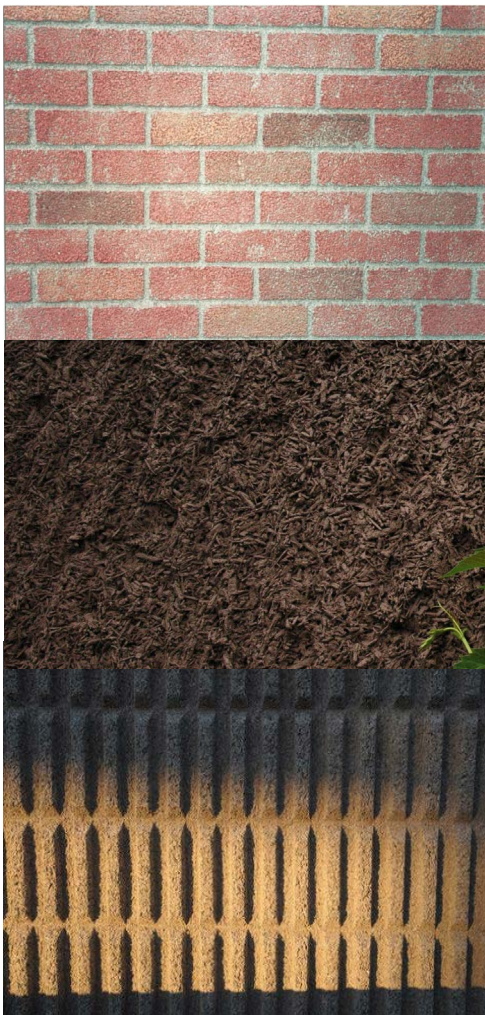


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## AcoustaCrete®

Available in a wide variety of patterns and colors, e.g.,  
brick , field stone, tree bark, graphics, fluted, ashlar stone.



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## AngleWall™



AngleWall is a free-standing wall system, constructed on a shallow foundation of compacted stone. Panels are reflective concrete or AcoustaCrete facing. The undulating panel pattern has an offset for stability. Panels stack to reach wall height.

Panel finishes can be created in any formliner pattern.

Colors are achieved with acrylic stains.

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## AcoustAL™



AcoustAL is a low weight perforated aluminum noise barrier panel designed for noise control applications where ease of installation, durability and broad band sound absorption and an NRC of 1.0 are required. AcoustAL can be installed as an absorber on existing walls, or interior spaces in industrial or broadcast and recording applications. Panels are powder coated after perforating, prior to assembly, allowing coating of perf holes. Post spacing is typically 8 to 12 ft c-c between steel posts, making panels light enough to handle by hand. Colors can be selected from powder supplier color charts.

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## AcoustaClear®



AcoustaClear with Optix extruded acrylic noisebarrier has been installed on an Interstate highway project as shown above on I-71 in Ohio and is ready for applications requiring visibility and protection from noise.



Transmission loss measured per ASTM E-90 is STC 32 for 1/2" acrylic and STC 34 for 3/4".

Galvanized steel frames are available for post spacing of 8, 10, 12, 16, 20 or 24 feet.

Anodized aluminum frames available in post spacing up to 16 feet

Posts may be steel or concrete, ground or structure mounted.

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## ShoreWall



ShoreWall is a post and panel noise barrier that is designed to retain earth. Post spacing is typically 16 feet using concrete or steel posts in caisson foundations.

Posts are embedded fully or partially into the foundation for most wall designs.

Designs are site specific, but can retain 8 feet of earth on a 24 ft tall noise barrier.

If 12 feet of earth must be retained, reduce post spacing to 8 feet.

Panels are thicker where the earth pressure is applied.

Drainage is an important design consideration.

StoneWall or AcoustaCrete features apply.

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## Lagging Panel



Lagging panels are supplied for post and panel retaining walls that are designed to retain earth.

Post spacing is designed for site specific conditions using concrete or steel posts.

Posts are embedded fully or partially into caisson foundations.

Tie-back connections may be incorporated into posts.

Drainage is an important design consideration.

AcoustaCrete surface available.

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# MSE Retaining Wall

Faddis precasts facing panels and parapets for MSE retaining wall systems.



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## **DuraHold®**

# **Precast Interlocking Retaining Wall**



Precast Concrete system for use in Streambanks, Slide correction, Seawalls, Cut slopes, Explosion Barricades, and all variety of grade separation applications where a single wall or bin wall is best. Walls withstand high flow rates and submersion with rapid draw-down. Ideal for riverside use. Architectural stone pattern DuraHold II facing also available. PennDOT approved.

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## **DuraHold®**

# **Precast Interlocking Retaining Wall**

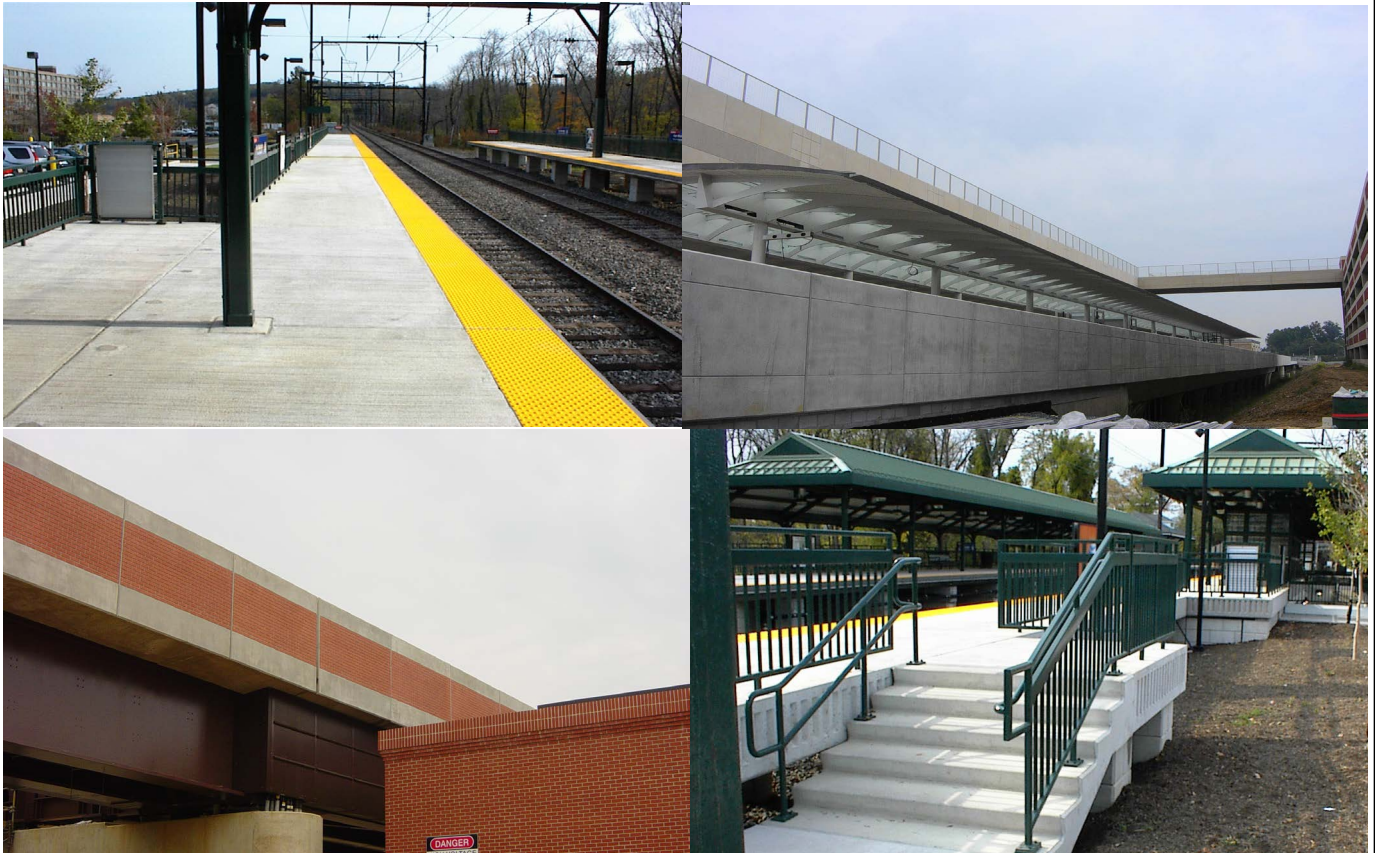


PennDOT Maintenance District 5-2. needed to replace failing railroad - tie walls.  
Architectural stone pattern facing also available.  
PennDOT approved.

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## Transit Platforms, Stairs & Stations



Precast Concrete components for use in SEPTA & WMATA, NJ Transit and other systems.

Precast yellow tactile warning strips.

Project specific designs.

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## Bridge Decks Filled Decks, Exodermic Decks



Precast Concrete bridge decks using Exodermic, Full, or Half-filled steel decking systems, supplied for PennDOT, West Va DOT, Mass DOT, NYSDOT.

Harvey Taylor Bridge over the Susquehanna River.

Project specific designs.

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## **ECO-SPAN Arch Bridge Headwalls & Wing Walls**



**Precast Concrete Arch Bridge using EcoSpan arches,  
head walls and wing walls.  
Project specific designs.**

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## **Safety Barrier Temporary, Permanent & JJ-Hook**

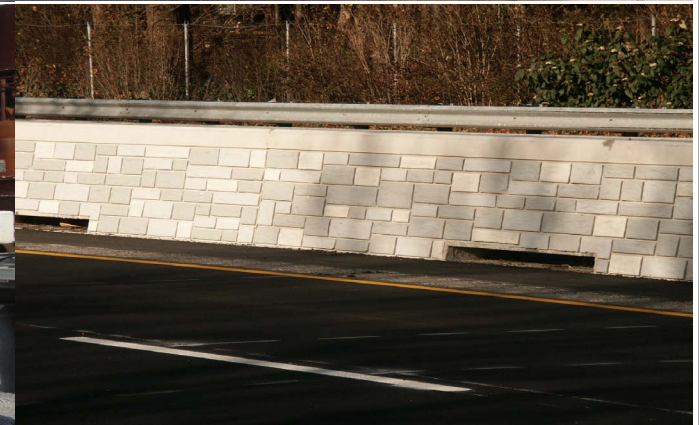


Precast Concrete barrier in all of its DOT approved varieties are available including special shapes, transitions, parapets, bolt down, bridge mount and combination retaining wall shapes. Architectural features are also available.

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## Safety Barrier Parapet, Architectural, Special



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## Electrical Junction Boxes



Precast Concrete junction boxes conforming to project requirements  
Project specific designs available.

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## ARCHITECTURAL CAST STONE

**STANDARD and CUSTOM ARCHITECTURAL ELEMENTS**  
**produced by**  
**VIBRANT DRY TAMP & WETCAST METHODS**



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# ARCHITECTURAL CAST STONE

## VIBRANT DRY TAMP AND WETCAST



Faddis Advantages include in-house shop drawings, and custom molds made by our skilled carpenters

for ESTIMATES & more INFORMATION :  
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Helen Church, Reading, PA



Horsham Police Station



St Joseph's Univeristy

