

Approved Proprietary Noise Barrier Systems

In order for a proprietary Noise Barrier System to be constructed within Maryland State Highway Administration (SHA) right-of-way, the system must be on the following list of Approved Proprietary Noise Barrier Systems maintained by SHA's Office of Structures. In order to be included on this list, a proprietary noise barrier system must go through an approval process with SHA's Office of Structures, which examines the design theory, history of system, calculations, etc.

To be considered for an SHA project, the noise barrier system must be included on the approved list prior to a project's bid opening. On some occasions the use of certain noise barrier systems is limited based on aesthetic or other reasons. The inclusion of noise barrier system on an SHA project depends on the barrier's ability to meet site specific requirements.

It should be noted that the approval of a noise barrier system does not extend to approval of precast plants or to the approval of the materials to construct the wall. All precasters and materials used on SHA projects must be approved by SHA's Office of Materials Technology prior to use.

All proprietary noise barrier systems utilize caisson foundations unless otherwise noted in the comments.

Sierra Wall

Manufacturer	Smith-Midland	Contact Information	Matthew Smith
Post Material	Concrete		540-439-3266
Panel Material	Concrete		5119 Catlett Road
Maximum Height	24'		P.O. Box 300
Post Spacing	12'		Midland, VA 22728
		Website	www.smithmidland.com
Comments	Combined Post and Panel System where one post is cast integrally with the panel.		

AngleWall

Manufacturer	Faddis Concrete Products	Contact Information	Gary Figallo
Post Material	N/A		201-888-1553
Panel Material	Concrete		3515 Kings Highway
Maximum Height	24'		Downingtown, PA 19335-
Post Spacing	15' Panel Lengths	Website	www.faddis.com
Comments	This system contains interlocking panels placed at angles for stability. The system does not contain a caisson foundation, the panels are placed on a compacted crushed stone base.		

Precast Post & Panel Noise Barrier

Manufacturer	Hanson Pipe and Precast	Contact Information	Timothy Poppenberg, P
Post Material	Concrete		610-970 2216
Panel Material	Concrete		201 S. Keim Street
Maximum Height	27'		Pottstown, PA 19484
Post Spacing	12', 16', or 20'	Website	www.hansonpipeandprecast.com
Comments			

StoneWall

Manufacturer	Faddis Concrete Products	Contact Information	Gary Figallo
Post Material	Concrete		201-888-1553
Panel Material	Concrete		3515 Kings Highway
Maximum Height	38' (16' post spacing), 34' (20' p ost spacing)		Downingtown, PA 19335-
Post Spacing	16' and 20'	Website	www.faddis.com
Comments			

ShoreWall

Manufacturer	Faddis Concrete Products	Contact Information	Gary Figallo
Post Material	Concrete		201-888-1553
Panel Material	Concrete		3515 Kings Highway
Maximum Height	36' (includes fill height)		Downingtown, PA 19335-
Post Spacing	16' and 20'	Website	www.faddis.com
Comments	Barrier system retaining earth fill up to 8' to be used with the StoneWall System. Maximum Height of Wall above ground depends on amount of fill retained.		

Paraglass Soundstop Ready Fit Panels

Manufacturer	Evonik Cyro, LLC	Contact Information	Nathan Binette
Post Material	SHA Standard		207-490-4313
Panel Material	Acrylic		1796 Main Street
Maximum Height	34'		Sanford, ME 04073-9954
Post Spacing	12', 16', and 20'	Website	www.cyro.com
Comments	This system contains 'clear' noise barrier panels with a steel frames to be used with SHA Standard Posts.		