

# Approved Proprietary Retaining Wall List

In order for a proprietary retaining wall to be constructed within Maryland State Highway Administration (SHA) right-of-way, the wall must be on the following list of Approved Proprietary Retaining Walls maintained by SHA's Office of Structures. In order to be included on this list, a proprietary wall systems must go through an approval process with SHA's Office of Structures, which examines such things as design theory, history of wall use, etc. It should be noted that the approval of a retaining wall system for inclusion on the Approved Proprietary Retaining Wall list does not extend to approval of precast plants or to approval of the materials used to construct the wall. All precasters and materials used on SHA projects must be approved by SHA's Office of Materials and Technology prior to use.

In order to be considered for an SHA project, a proprietary retaining wall must be on the list prior to a project's bid. On some occasions the use of certain walls is limited based on aesthetic or other reasons. Therefore, the approval to use every wall at every location is not assured, but will depend on the wall's ability to meet any site specific requirements that will be spelled out in the contract documents.

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## Allan Block Retaining Wall System

<b>Wall Firm</b>	Allan Block Corporation	<b>Contact Information</b>	Laura Horstmann
<b>Wall Type</b>	Concrete Modular Block Units		(952)835-5309 x 205
<b>Soil Reinforcement</b>	Geogrid (SG200 and SG350)		7424 W 78th Street
<b>Approved Height</b>	30 ft.		Bloomington, MN 55439
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	05/10/2031

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## Landmark Retaining Wall System

<b>Wall Firm</b>	Anchor Wall Systems	<b>Contact Information</b>	Bruce Brody
<b>Wall Type</b>	Precast Modular Block		301-733-3510
<b>Soil Reinforcement</b>	Mirafi geogrid		860 Oak Street
<b>Approved Height</b>	45 feet		Hagerstown, MD 21740
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	10/05/2017

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## Vistawall

<b>Wall Firm</b>	Big R Bridge	<b>Contact Information</b>	Jeff Stone
<b>Wall Type</b>	Precast Concrete Panels		770-277-6242
<b>Soil Reinforcement</b>	preconfigured galvanized strips using steel wire		P.O. Box 1290
<b>Approved Height</b>	50 feet		Greeley, CO 80632-1290
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	11/12/2024

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## **MagnumStone Retaining Wall System**

<b>Wall Firm</b>	Cornerstone Wall Solutions, Inc.	<b>Contact Information</b>	Tolin Hessell
<b>Wall Type</b>	Precast Concrete Stone Filled Modules		201-281-1218
<b>Soil Reinforcement</b>	Strata Geogrid		6420 79 Ave. SE #24
<b>Approved Height</b>	30 feet		Calgary, AB T2C 4S6
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	01/19/2032

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## **Dura Hold**

<b>Wall Firm</b>	Dura-Sales	<b>Contact Information</b>	Mike Cieslinski
<b>Wall Type</b>	Precast Interlocking Concrete Retaining Wall		724-929-8881
<b>Soil Reinforcement</b>	NA		2481 Bull Creek Road
<b>Approved Height</b>	25 feet		Tarentum, PA 15084
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	08/04/2020

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## **Gravix**

<b>Wall Firm</b>	Earthwall Products	<b>Contact Information</b>	Hunter Fenk
<b>Wall Type</b>	Precast modular counterfort wall		(412) 445-0241
<b>Soil Reinforcement</b>	N/A		1741 Dixie Ave
<b>Approved Height</b>	30		Marietta, GA 30080
<b>LRFD Compliant:</b>	YES	<b>Approval Expiration</b>	11/05/2027

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## **Reinforced Earth**

<b>Wall Firm</b>	Geoquest USA, Inc.	<b>Contact Information</b>	Joseph Harris
<b>Wall Type</b>	Precast Concrete Panels		703-547-8797
<b>Soil Reinforcement</b>	galvanized steel reinforcing strips		45610 Woodland Rd, Suit
<b>Approved Height</b>	50 feet		Sterling, Virginia 20166
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	08/20/2028

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## **T-wall**

<b>Wall Firm</b>	Geoquest USA, Inc.	<b>Contact Information</b>	Joseph Harris
<b>Wall Type</b>	: Precast modular gravity type wall		703-547-8797
<b>Soil Reinforcement</b>	None		45610 Woodland Rd, Suit
<b>Approved Height</b>	50 feet		Sterling, Virginia 20166
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	12/22/2027

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### **Sine Wall**

<b>Wall Firm</b>	Geoquest USA, Inc.	<b>Contact Information</b>	Joseph Harris
<b>Wall Type</b>	Precast Concrete Panels		703-547-8797
<b>Soil Reinforcement</b>	configured galvanized & aluminized steel strips		45610 Woodland Rd, Suit Sterling, Virginia 20166
<b>Approved Height</b>	50 feet		
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	06/15/2020

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### **TechWallTM**

<b>Wall Firm</b>	Geoquest USA, Inc.	<b>Contact Information</b>	Joseph Harris
<b>Wall Type</b>	Precast Concrete Counterfort Retaining Wall		703-547-8797
<b>Soil Reinforcement</b>	N/A		45610 Woodland Rd, Suit Sterling, Virginia 20166
<b>Approved Height</b>	25 ft.		
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	05/09/2031

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### **EarthTec**

<b>Wall Firm</b>	Ground Improvement Systems	<b>Contact Information</b>	Eric P. Hilberath
<b>Wall Type</b>	Precast Concrete Panels		817-223-0969
<b>Soil Reinforcement</b>	ribbed galvanized steel strips		114 South Collins Street Arlington, TX 76011
<b>Approved Height</b>	50 feet		
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	08/03/2031

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### **Key System III**

<b>Wall Firm</b>	Keystone Retaining Wall Systems	<b>Contact Information</b>	keith Miller
<b>Wall Type</b>	Precast Modular Block		952-897-1040
<b>Soil Reinforcement</b>	Mirafi geogrid		4444 West 78th Street Minneapolis, MN 55435
<b>Approved Height</b>	50 feet with proper setback		
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	02/15/2032

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### **Key System II**

<b>Wall Firm</b>	Keystone Retaining Wall Systems	<b>Contact Information</b>	Keith Miller
<b>Wall Type</b>	Precast Modular Block		952-897-1040
<b>Soil Reinforcement</b>	Mirafi geogrid, Strata geogrid		4444 West 78th Street Minneapolis, MN 55435
<b>Approved Height</b>	50 feet with proper setback		
<b>LRFD Compliant:</b>	Yes	<b>Approval Expiration</b>	04/18/2028

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## **Macres**

<i>Wall Firm</i>	Maccaferri	<i>Contact Information</i>	Giulia Lugli
<i>Wall Type</i>	Precast Concrete Panels		(301) 223-6910 Ext. 232
<i>Soil Reinforcement</i>	Unidirectional PET		10303 Governor Lane Bo
<i>Approved Height</i>	50 feet		Williamsport, Maryland 2
<i>LRFD Compliant:</i>	Yes	<i>Approval Expiration</i>	06/10/2026

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## **Terramesh System**

<i>Wall Firm</i>	Maccaferri, Inc.	<i>Contact Information</i>	Alan R. Dinges
<i>Wall Type</i>	Gabion baskets with soil reinforcement		301-223-6910
<i>Soil Reinforcement</i>	double twisted steel mesh		10303 Governor Lane Blv
<i>Approved Height</i>	20 Feet		Williamsport, MD 21795-
<i>LRFD Compliant:</i>	Yes	<i>Approval Expiration</i>	03/18/2019

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## **Stone Strong System**

<i>Wall Firm</i>	Modern Foundations, Inc.	<i>Contact Information</i>	Bruce Neale
<i>Wall Type</i>	Precast Concrete Stone Filled Modules		410-795-8877
<i>Soil Reinforcement</i>	NA		7860 Kabik Court, Suite
<i>Approved Height</i>	36 feet		Woodbine, MD 21797
<i>LRFD Compliant:</i>	Yes	<i>Approval Expiration</i>	05/11/2030

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## **Redi Rock Retaining Wall System**

<i>Wall Firm</i>	Suscon Product	<i>Contact Information</i>	Brian Anstiss
<i>Wall Type</i>	Precast Modular Blocks		443-640-7444
<i>Soil Reinforcement</i>	TenCate Miragrid geogrid		42 Fort Hoyle Road
<i>Approved Height</i>	50 feet		Joppa, MD 21085
<i>LRFD Compliant:</i>	YES	<i>Approval Expiration</i>	09/21/2032

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## **ARES**

<i>Wall Firm</i>	Tensar International	<i>Contact Information</i>	Peter Larkin
<i>Wall Type</i>	Precast Concrete Panels		910-579-7296
<i>Soil Reinforcement</i>	Polyethylene geogrid		453 Lake Shore Drive
<i>Approved Height</i>	50 feet		Sunset Beach, NC 28468
<i>LRFD Compliant:</i>	Yes	<i>Approval Expiration</i>	01/17/2021

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**MESA**

<i>Wall Firm</i>	Tensar International	<i>Contact Information</i>	Peter Larkin
<i>Wall Type</i>	Precast Modular Block		910-579-7296
<i>Soil Reinforcement</i>	Polyethylene geogrid		453 Lake Shore Drive
<i>Approved Height</i>	40 feet		Sunset Beach, NC 28468
<i>LRFD Compliant:</i>	Yes	<i>Approval Expiration</i>	10/05/2017

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**Tricon Retained Soil Wall System**

<i>Wall Firm</i>	Tricon Precast LTD	<i>Contact Information</i>	Bryan Jennings, TEG En
<i>Wall Type</i>	Precast Concrete Panels		616-261-8630
<i>Soil Reinforcement</i>	Galvanized Welded Wire Mesh		1505 44th Street, Suite B
<i>Approved Height</i>	50 feet		Wyoming, Michigan
<i>LRFD Compliant:</i>	Yes	<i>Approval Expiration</i>	08/16/2017

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**Triweb Retained Soil Wall**

<i>Wall Firm</i>	Tricon Precast LTD	<i>Contact Information</i>	Bryan Jennings, TEG En
<i>Wall Type</i>	Precast Concrete Panels		616-261-8630
<i>Soil Reinforcement</i>	Unidirectional PET		1505 44th Street SW, Sui
<i>Approved Height</i>	50 ft		Wyoming, MI 49509
<i>LRFD Compliant:</i>	Yes	<i>Approval Expiration</i>	09/26/2026