

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.

List as of August 2025

Allan Block Retaining Wall System

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

Landmark Retaining Wall System

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

Vistawall

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

MagnumStone Retaining Wall System

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

Dura Hold

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

Gravix

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

Reinforced Earth

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

T-wall

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

Sine Wall

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

TechWallTM

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

EarthTec

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

Key System III

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

Key System II

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

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

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

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

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

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

MESA

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

Tricon Retained Soil Wall System

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

Triweb Retained Soil Wall

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