

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.

Allan Block Retaining Wall System

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|---------------------------|------------------------------|----------------------------|-----------------------|
| 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

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|---------------------------|-----------------------|----------------------------|----------------------|
| 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

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|---------------------------|--|----------------------------|------------------------|
| 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

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

Dura Hold

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

Gravix

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

Reinforced Earth

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

T-wall

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

Sine Wall

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

TechWallTM

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

EarthTec

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

Key System III

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

Key System II

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

Macres

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|---------------------------|-------------------------|----------------------------|--------------------------|
| <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

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|---------------------------|--|----------------------------|-------------------------|
| <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

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|---------------------------|---------------------------------------|----------------------------|-------------------------|
| <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

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|---------------------------|--------------------------|----------------------------|--------------------|
| <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

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|---------------------------|-------------------------|----------------------------|------------------------|
| <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

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|---------------------------|-----------------------|----------------------------|------------------------|
| 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

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|---------------------------|-----------------------------|----------------------------|---------------------------|
| 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

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|---------------------------|-------------------------|----------------------------|--------------------------|
| 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 |