

# NHDOT Pre-Approved Proprietary Wall Systems\* (Revised 8/29/2019)

## Wet Cast MSE Retaining Walls

Wall Company/ Technology	Company System Name	System Description	Qualified Applications	Limitations/Concerns
The Reinforced Earth Company	Reinforced/ Retained Earth Wall	Precast concrete 5'x5' facing panels with steel strip tensile reinforcement	<ul style="list-style-type: none"> <li>• Retaining walls</li> <li>• Wingwalls</li> <li>• Abutments</li> </ul>	
Tensar	Ares Wall	Precast concrete 5'x5' or 5'x9' facing panels with Tensar HDPE geogrid tensile reinforcement	<ul style="list-style-type: none"> <li>• Retaining walls only</li> </ul>	<ul style="list-style-type: none"> <li>• **Total wall heights &lt; 30-ft.</li> <li>• All designs need to address the long-term stability of the HDPE geogrid in regards to creep and elongation.</li> </ul>
CSI Group	Uwall	U-shaped precast concrete module facing with polymer geogrid reinforcement	<ul style="list-style-type: none"> <li>• Retaining walls</li> <li>• Wingwalls</li> </ul>	<ul style="list-style-type: none"> <li>• **Total wall heights ≤ 28-ft.</li> <li>• All designs need to address the long-term stability of the polymer geogrid in regards to creep and elongation.</li> </ul>
Big R Bridge Corp.	Vist-A-Wall MSE Wall	Precast concrete 5'x5' facing panels with welded wire mesh tensile reinforcement	<ul style="list-style-type: none"> <li>• Retaining walls</li> <li>• Wingwalls</li> <li>• Abutments</li> </ul>	

**\* All systems are subject to additional review and approval by NHDOT, shall address any obstructions, traffic barrier, and include an impervious membrane/drainage pipe for each specific project application.**

**\*\*Total wall height is measured from the top of the wall to bottom of wall with a minimum of 4.5-ft. of frost cover.**

# NHDOT Pre-Approved Proprietary Wall Systems\* (Revised 8/29/2019)

## Precast Concrete Modular Walls

Wall Company/ Technology	Company System Name	System Description	Qualified Applications	Limitations/Concerns
The Reinforced Earth Company	T-Wall	T-shaped precast concrete module with soil infill and 2.5'x5' facing panel	<ul style="list-style-type: none"> <li>• Retaining walls only</li> </ul>	<ul style="list-style-type: none"> <li>• **Total wall heights &lt; 40-ft.</li> </ul>
Double Wal	Double Wal II	Four sided precast concrete module with soil infill and 4'x8' facing panel	<ul style="list-style-type: none"> <li>• Retaining walls only</li> </ul>	<ul style="list-style-type: none"> <li>• **Total wall heights &lt; 30-ft.</li> </ul>
Earth Wall Products, LLC	Gravix Retaining Wall	T-shaped precast concrete module with soil infill and 4'x8' facing panel	<ul style="list-style-type: none"> <li>• Retaining walls only</li> </ul>	<ul style="list-style-type: none"> <li>• **Total wall heights &lt; 30-ft.</li> <li>• Gravix Precast Traffic Barrier not allowed.</li> </ul>
Redi-Rock	Gravity wall	Full width, large precast concrete blocks that act as a gravity wall	<ul style="list-style-type: none"> <li>• Retaining walls only</li> </ul>	<ul style="list-style-type: none"> <li>• **Total wall heights ≤ 9-ft.</li> <li>• Blocks are 46" wide x 18" high, with typical depths of 28", 42" and 60"</li> </ul>
ReCon Wall Systems, Inc.	ReCon Wall System	Full width, large precast concrete blocks that act as a gravity wall	<ul style="list-style-type: none"> <li>• Retaining walls only</li> </ul>	<ul style="list-style-type: none"> <li>• **Total wall heights ≤ 16-ft.</li> <li>• Blocks are 48" wide x 16" high, with typical depths of 24", 39", 45" and 60"</li> </ul>

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***\*\*Total wall height is measured from the top of the wall to bottom of wall with a minimum of 4.5-ft. of frost cover.***