

In the case of most channel and shoreline applications, the reason for wall construction is to protect existing structures from erosion caused by flowing water or wave action. These existing structures create tight construction limits, poor access and little or no room to overdig. This typically translates into construction problems and cost overruns. **Neptune™ Retaining Wall Modules** solve these problems beautifully and economically.

THE NEPTUNE™ ADVANTAGE

- Over digging is eliminated in most cases because Neptune™ Modules rarely require additional soil reinforcement.
- Can be installed at any angle of inclination between 70° and 45°.
- Can be installed on a variety of footings.
- Can handle concave or convex curves.
- Can easily be formed around existing structures protruding or venting into channels.
- Material can be positioned at or near work area, thus reducing labor.
- Once the footing is complete, the Neptune™ Modules yield an excellent labor rate, which keeps costs down.
- Can be backfilled with site soil and/or granular material.
- Walls constructed of Neptune™ Modules offer a greater creative outlet for the developer or the public agency because of their ability to support vegetation.
- From the face, Neptune™ and Hercules™ Modules are identical and can be used together in the same wall.

AESTHETICS

Neptune™ Modules create channel and lakefront walls that stand out from the ordinary. Walls that curve, flow and blend naturally with their surroundings. **Neptune™ Retaining Walls** are truly an innovative visual departure from railroad ties, poured concrete and rock-filled baskets!

STABILITY

Neptune™ Modules have high compressive strength. In the wall they derive their excellent stability from weight, friction and variable wall inclination. The side walls of each module provide wide, flat, load-bearing surfaces. The trough when backfilled, allows the modules effective weight to be greatly increased. Walls constructed of **Neptune™ Modules** resist the damaging effects of differential settlement, freeze-thaw and hydrostatic pressure. The protrusions or "ears" at the sidewalls of each module provide a side-to-side interlock which protects backfill from the effects of flow or wave action. **Neptune™ Modules** may be used to build walls of considerable height. Depending on site conditions, variations in wall inclination and footing design may be required.

SAFETY

Rain-swollen channels can be dangerous regardless of precautions taken. Channel walls built with **Neptune™ Modules** become permanent concrete steps affording easy escape from channel regardless of weather conditions. **This feature could be a lifesaver, especially for a child.**

OLD WALLS

Neptune™ Modules are an excellent choice for replacement of failing concrete or railroad tie walls. In many cases the old wall face can be removed and the **Neptune™ Modules** installed in their place with very little excavation. The easier the replacement, the lower the cost. It's that simple.

COST EFFECTIVENESS

Neptune™ Retaining Wall Modules are competitively priced. When coupled with ease of installation, great labor rates and reduced excavation, these walls will bid significantly lower than many other methods of channel stabilization.



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St. Louis Retaining Wall Company, LLC
Covered by one or more of the following patents:
5,277,012 • D360,475 • D340,996 • D362,077 • D347,285 • D372,106



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