



Eliminate Pipeline Exposure
and Erosion Repair
with HydroTurf®


HydroTurf®

ADVANCED REVETMENT TECHNOLOGY



permanent restoration measure

Designed specifically for pipe crossing applications, the HydroTurf® Advanced Revetment System is an impermeable fiber-reinforced concrete liner that combines engineered synthetic turf with a high friction geomembrane.

It is locked into place with a specially formulated HydroBinder® high-strength, cementitious infill. HydroTurf is unique in that it permanently covers the protective soil so that water can't penetrate and erode the subgrade which could damage the integrity of the pipe. It also restores the site to a natural-looking, undisturbed environment.

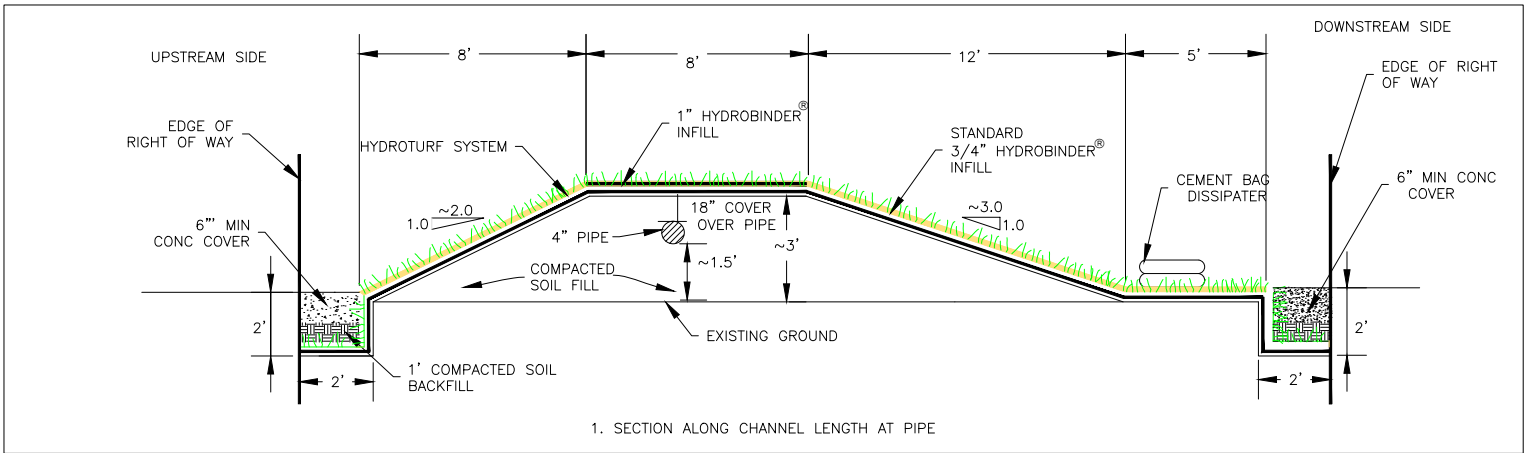
HydroTurf is a permanent restoration measure that is less costly and better performing than traditional hard armoring systems such as articulated concrete blocks and rock riprap. Retrofitting or new construction is quick and easy, and installation requirements are minimally invasive to the surrounding area. Because it does not depend on the establishment of vegetation, long-term monitoring and vegetation maintenance to stabilize the site are not required.



HydroTurf has a **number of benefits** over other revetment solutions.

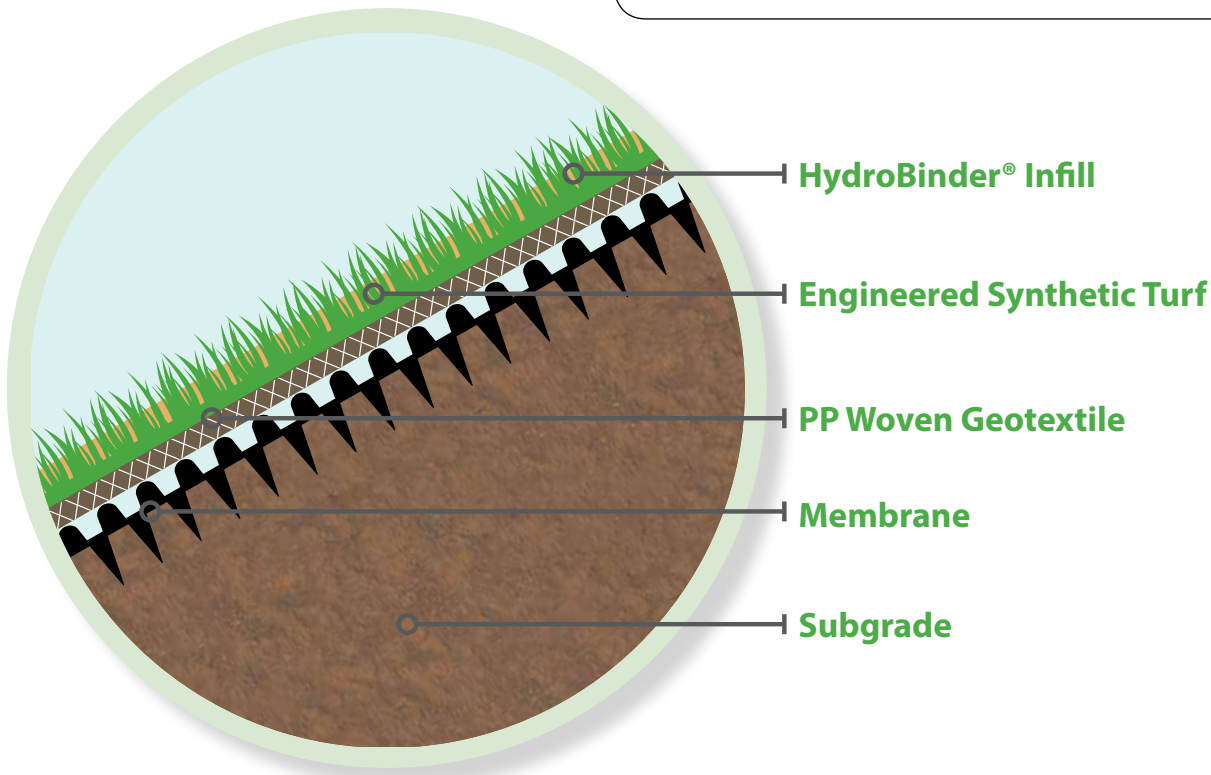
- Construction is rapid, low impact, and scalable
- Only small, light-weight construction equipment is needed for installation
- Minimizes soil and stream disturbances with reduced construction timeline and equipment
- Maintains aesthetics all year round without ongoing maintenance
- Less costly and better performance than traditional hard armor
- Can be used on steep slopes and highly erodible soils





HydroTurf can handle any pipeline application, including those with high velocities, steep grades, highly erodible soils and environmentally sensitive areas. It is designed to resist erosive forces under extreme conditions and provides exceptional performance in all project conditions whether heavy, concentrated water flows, fluctuating water levels or occasional runoff.

PROTECTS AGAINST **40 FT/S** VELOCITY



HYDROTURF® is a U.S. registered trademark which designates a product from Watershed Geosynthetics, LLC. This product is the subject of issued U.S. and foreign patents and/or pending U.S. and foreign patent applications.

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Unearthing Solutions