

The GEOSOURCE UPDATE

from your Trusted Site Solution Specialists

Geosynthetics | Erosion & Sediment Control | Stormwater Management | Hardscapes

PROJECT HIGHLIGHT

ARMORMAX Installation For Slope Stability

ASP Enterprises Supplied ARMORMAX by Propex GeoSolutions



This project required a solution to prevent erosion, provide flood protection and stabilize the slopes along the channel.

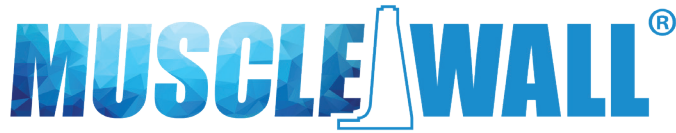
In 2019, catastrophic flooding all along the Missouri River Basin was a direct result of a “bomb cyclone” weather event in March. This, coupled with significant snowmelt coming down from the north, sent unimaginable volumes of water down the Missouri River. In Randolph, NE, the town was overrun by backwater from the river flooding into their stormwater ditch which caused significant issues for the city. Sandbagging and eventual evacuations were the result.

Once the water receded, the US Army Corps of Engineers prepared plans to expand drainage areas for extended storage in the city to reduce the risk of future flooding. The Army Corps has done extensive work on levee repair methods out of other offices in the country and utilized that knowledge to specify a high-performance, high tensile strength, turf reinforcement mat system with anchoring for extended surficial slope support and long term erosion control.

The product recently installed at this project was ARMORMAX Engineered Earth Armoring System™. This system combines High-Performance Turf Reinforcement Mats (HPTRMs) and Engineered Earth Anchors™ (EEA) that work together to lock soil in place and protect against hydraulic stresses.



PRODUCT PROFILE



FLOOD • CONTAINMENT • STORMWATER

Muscle Wall - Portable Barrier System

We are pleased to announce that we are now Muscle Wall distributors and introduce this site solution!

Muscle Wall is a portable, strong plastic barrier that, once placed in the correct position, is filled with water for ballast. It is primarily used to contain or divert water; however, it has many other applications and can be used as an effective alternative to silt fencing, sandbags, concrete and earthen solutions.

Muscle Wall is designed to withstand the immense force of rushing or standing water. It utilizes a toe on the water side of the wall that uses the weight of the encroaching water, coupled with the weight of the water-filled wall to anchor the system to the ground. A liner can be deployed over the wall to help provide the most effective seal. Because of this, it can be used in flood control, stormwater management, primary or secondary containment, erosion control and more.

This system is quick and easy to install, reusable, optimized for storage, and customizable to fit a variety of project needs.

Muscle Wall Webinar

We recently had Tyler Searle, Technical Sales Engineer at Muscle Wall, join us for our Technical Talks Webinar Series.

The webinar discussed specifics of recent deployments with Bowman Construction Supply as well as other applications, 3rd party testing, and the engineering and logistics behind Muscle Wall solutions.

[WATCH RECORDING HERE](#)

To learn more about Muscle Wall, visit our [website](#) or [contact us](#).

We're happy to answer any questions and provide technical information or assistance with your projects.



Flood Control



Stormwater Management



Primary & Secondary Containment



Streambank Diversion



Erosion Control

ENGINEER'S NOTE

Common Sense > Artificial Intelligence

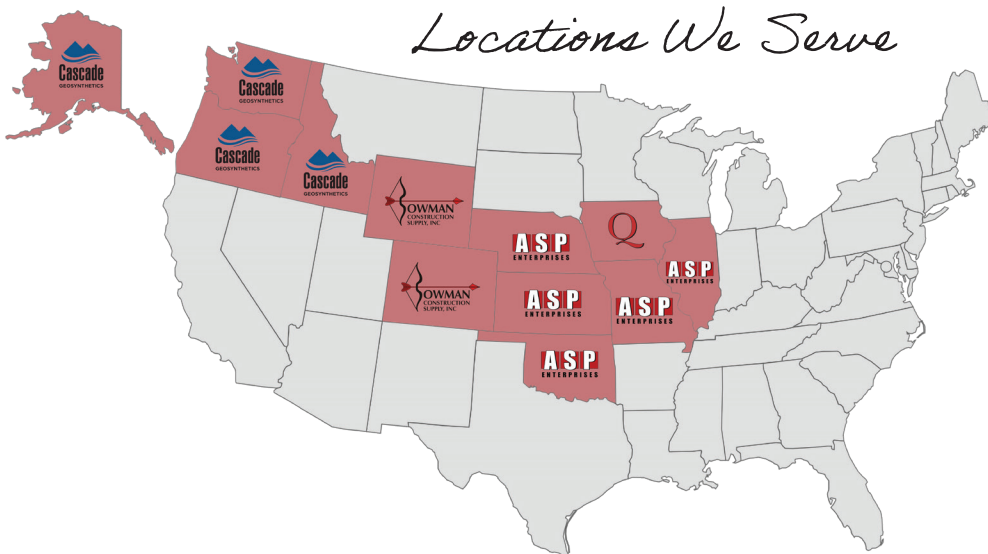
Today I attended a webinar on how to get more out of SharePoint. The presenter is a genius in all things Microsoft. He told us that Artificial Intelligence (AI) is the future and the future is now. He went on to give many examples of how important it is to continue learning how to improve our digital presence as we stay ahead of our competition. Agreed. Our company is dedicated to our theme this year, "Always Improving". The more he spoke, the more I felt appreciation for the human aspect of our business. Experience, relationships, caring, compassion and several other things that make us human are also what make us great at what we do for a living. Here is an example:



Bill Murphy, P.E.
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One of our sales reps called me about a huge project opportunity in his market. A city engineer asked him specifically about a solution we have helped them use successfully in the past. But our sales rep said we have a much more affordable option that would work just as well for this next project, particularly since this next phase is in an old industrial area so aesthetics are not a high priority. Our sales rep suggested we offer the more affordable solution so the city can direct more funds towards other critical infrastructure areas. AI would have given a "yes" or a checked box if the engineer simply looked up the previous solution online. No problem. But the common sense our sales rep provided based upon years of construction experience and caring about the city and their resources offers a better alternative. Common sense and AI together will help us all be better stewards of our precious resources. Call us today so we can help you.

YOUR TRUSTED SITE SOLUTION SPECIALISTS



For more than 45 years ASP Enterprises, Quick Supply Co., Bowman Construction Supply and Cascade Geosynthetics have provided geosynthetic, erosion control, sediment control and stormwater management solutions with integrity and expertise. Our mission is to be your local expert on solutions that improve our communities while providing the highest level of customer service. We are proud to represent numerous manufacturers and will be present from design specification and development to installation to ensure your project's success.

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