

Project Spotlight



Vegetated drainage way able to exceed 15 lbs/ft2 shear stress.



Project name: Oak Hills Condominium Association
 Project location: Adjacent to Oak Hills Golf Course Omaha, Nebraska
 Products incorporated: North American Green C-350 TRM, ScourStop Transition mats
 Purpose of project: Stabilize swale created by removal of decaying asphalt cart path
 Previous repair attempt: Compacted topsoil with sod

One failed attempt to stabilize a newly created drainage swale using topsoil and sod drew the Oak Hills Owners Association to the conclusion that there was too much water coming off the road and parking areas to keep the highly erosive soils from migrating onto the neighboring golf course. Calculated but conservative estimates of the water's velocity coming off the paved surfaces was 12 ft/sec.



This falls well within the range of the recommended North American Green C-350 Turf Reinforcement Matting (TRM). The C-350 is a tried and proven product; however, there was a concern with the stability of the vegetation in the area immediately adjoining the existing asphalt. Since the funding for this project came from the homeowners annual dues no one wanted to pay to repair it a third time.

With this concern in mind, ScourStop Transition Mats were proposed, debated and approved. Initially used for drainage pipe outlets it is proving quite effective at the unstable hard to soft conversion point next to parking lots. One unique aspect of this project was the desire for immediate vegetation and the only way to accomplish that is using sod on top of the TRM and as the photos show one might never know the TRM was even in use. Once the TRM was properly installed, using the appropriate staple pattern as well as trenching the edge along the top of the swale, sod was rolled out and stapled down. Finally, the ScourStop panels were laid and anchored into the compacted sub-grade. The contractor had never installed ScourStop before and was very impressed by the ease of installation and plans on proposing it on future jobs.



The Oak Hills' residents like the new softer green aesthetic appeal and look forward to the permanent protection offered by this system for many years to come.

Project created and documented by Brian Williams, CPESC-ASP Omaha

Tell it like it is!!

We want your feedback?

What would you like as a part of this newsletter? What civil site solutions can we provide to solve problems you are having? We want to hear it all!!

We would love to hear from you. Email us at news@aspent.com and give us your thoughts. We are always looking to improve our services to our customers.



ASP Employee Profile

Name: Jeff Pearce
Branch: Kansas City/Wichita
Territory: Kansas and Oklahoma
Cell Number: 316-393-1554

"I know that if I show my customers that I am willing to work hard for them, I will gain their trust and their business."



Jeff has been with ASP for close to 1 year and is fully trained and ready to take on the world. He is a real go-getter with a keen knack for getting in front of key decision makers and making things happen.

Jeff is beginning to get a handle on his territory and has a real strong sense of commitment to customer service and going above and beyond to make the customer not only satisfied but delighted. His family includes his wife Ginny, and 3 children: Jeremy (age 13), daughter Jordan (age 9) and John Michael (age 6). Please help us welcome Jeff to the ASP family.