

## Product Spotlight



*Focal Point High Performance Media.*



*Vegetation for Stabilization.*

**Project:** MoDOT Rte 164 VE  
**Location:** Chesterfield, Missouri  
(I-64 WB @ Timberlake exit)  
**Application/Solution:** Stormwater  
Quality & Volume Reduction

**Market Sector:** DOT  
**Installed:** Late September, 2015  
**Products:** FocalPoint  
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**Project Scope:** The original bioretention design was let in May, 2014 and included approximately 19,000 sf of traditional bioretention. This included excavation to accommodate a large amount of bioretention soil mix, PVC underdrain and thousands of native plant plugs. The challenge was introducing a new nex gen bioretention system – FocalPoint to both MoDOT and the consulting engineer. After consulting with CMT Engineers and both MoDOT construction and roadside management departments, the FocalPoint System was submitted for acceptance as a VE solution.

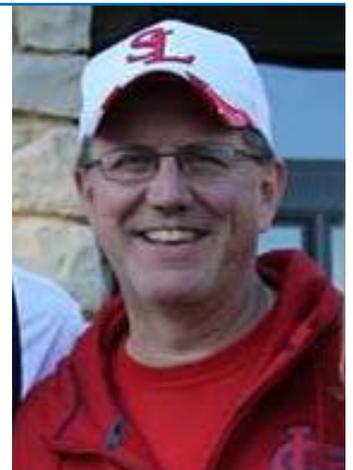
**Product Description/Benefits:** FocalPoint was approved by MoDOT. The largest and first of the 4 basins was constructed in one day on September 25th, 2015. The design of the slopes in the basin was left unchanged. CMT Engineers selected a TRM-Turf Reinforcement Mat for the 3:1 slopes that surrounded the basin. North American Green SC250 TRM was selected and installed by Site System Landscaping. MoDOT's cool season seed mix was used to vegetate the slopes. Native plants will be placed in the FocalPoint media in the Spring of 2016. The basin is draining very well and meets the 48 hour draw down time including the 24 hour storm event.

**Conclusion/Result:** MoDOT realized a 43% cost reduction that resulted in savings of more than \$125,000 to Missouri residents and taxpayers. Better yet, the nex gen FocalPoint High Performance System is backed by a 1 year guarantee. Included in its design, non-proprietary specification and construction are 2 maintenance visits and 2 hydro-conductivity tests providing assurance that the system is working as expected before turning the facility over to the owner. The 3 other basins and bio-swale at I-64 and Maryville Center are to be installed in Spring of 2016, which they hope to complete in 2016.

## Editor's View

### A Huge Thank You!

I look forward to this article every year as it gives me again, the opportunity to thank all of you for your business. We have a great deal to be thankful for this year. We have had a good year and it is all because of your trust in our efforts: our efforts to assist with the design of your projects, our efforts to supply the best quality products to our contractors and our efforts to make sure the materials are installed correctly and effectively. We have been to over 1000 project sites this year to explain the install process, come up with creative solutions to unique problems, or maybe just drop off a water bottle on a hot day. We have visited with so many designers discussing product applications, material specifications and the like we cannot begin to count them. We thank all of you for your business. Thank You!!



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