



# PermaMatrix® Road Cut Revegetation

Road Side Erosion Control and Restoration  
Spring 2010



**Project Info:** The Philomath site is located approximately 2 miles off US Hwy 20 in Western Oregon. This site had been a bare slope for over 4 years with multiple attempts at establishing vegetated cover. The site was a cut slope for an access road that was heavy red clay with no topsoil. The site was seeded for 4 consecutive years with no success of establishing a plant community. County road maintenance crews were concerned with sediment load into nearby creeks because of erosion.

**Challenges:** The cut slope that was excavated for the new road was heavy clay and had no organics to establish plants. The steepness of the slope created erosion and contributed to sediment being discharged into the nearby stream. Top soil replacement was attempted only to be washed away with the winter rains. PermaMatrix was used along with a native wildflower mix and a BFM class hydro mulch to keep the seed and PermaMatrix in place. Growth was incredible, 4 weeks after application the area was 100% vegetated and with in 8 weeks the wildflowers were in full bloom. Quoted by the President of the HOA "I don't know what kind of Voodoo the contractor put in the tank but look at it, it is wonderful, Thanks!"

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**Contractor  
Landscaper**

Northwest Hydromulchers, Inc. was the contractor on this site and gave the HOA a guarantee of successful vegetation. PermaMatrix performed that guarantee, giving the contractor one more successful project. The HOA was able to meet compliance issues with an erosion problem and the County Road Crews no longer have a problem site.

**Environmental  
Follow Up**

Native wildflowers are thriving on this site and have reestablished the second growing season with no outside inputs, and no synthetic fertilizers. PermaMatrix contributed to the overall health and development of a diverse community of native wildflowers on this project.

**Cost  
Advantage**

PermaMatrix was installed on this site with a 70% cost savings over a typical topsoil and compost application. With superior results and no infiltration of undesirable weed species, PermaMatrix reduced the time, cost and ultimately the risk of failure on a challenging site.



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