



Stormwater Facilities & Maintenance

Compost Amended Vegetated Filter Strips

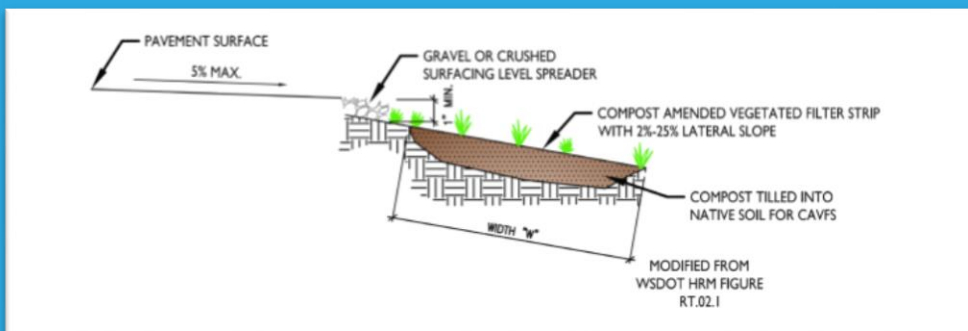
CAVFS or Compost Amended Vegetated Filter Strips are a variation of a basic vegetated filter strip that add soil amendments to the roadside embankment. The advantage of the CAVFS (once vegetation is established) are higher surface roughness, greater retention and infiltration capacity, improved removal of contaminants, improved overall vegetative health, and a reduction in invasive weeds. For filtration to be effective, the CAVFS must remain covered with well-established vegetation, as small breaks in the sod and small erosion channels can quickly become significant problems. Reseed or inter-seed bare areas of the filter as necessary. Regularly inspect the filter strip as well as the flow spreader - especially after a large storm. Check for clogging and remove built-up sediment (Sources: WA Dept. of Ecology, & WA Dept. of Transportation).

Pro Tip:

Compost can become clogged which will require replacement. Including vegetation with compost helps prevent the medium from becoming plugged with sediment.



Thurston County CAVFS



Source: Stormwater Partners

CAVFS drawing modified from WSDOT Highway Runoff Manual

Maintenance required when:

- Erosion or channeling occurring
- Vegetation absent in areas
- CAVFS modified or filled in
- Trash, debris, or yard waste present in structure
- Excessive vegetation (i.e. grass above 10 inches)
- Noxious weeds in or near facility
- Inlet/outlets clogged

Contact your HOA or property manager immediately if:

- Inlet/outlets blocked
- Structure is flooding
- There is damage from a storm or vandalism

Visit us online:

ThurstonStormwater.org

Don't let your systems fail.

**Keep water clean.
Protect county roads from flooding.
Save money.**

For additional information regarding stormwater management in Thurston County, reference our Stormwater Drainage Manual at DM.ThurstonStormwater.org.



Call us with any questions at (360) 754-4681

Join our mailing list @ Join.ThurstonStormwater.org