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# Late Season Stabilization, Native Planting Challenges

# Late Fall





Early  
Spring



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# Temporary Stabilization: Ordinance

- Any disturbed site that remains inactive for greater than 7 days shall be stabilized with temporary stabilization measures such as soil treatment, temporary seeding or mulching.
- “Inactive” means that no site grading, landscaping or utility work is occurring on the site and that precipitation events are not limiting these activities. Frozen soils do not exclude the site from this requirement.

# Vegetated Channel Stabilization

- All planned vegetated channels shall be stabilized with BMPs (erosion control matting, sod, etc.) by no later than November 15.
- Ditch checks, sediment traps and other sediment control BMPs are only for use *during* channel grading work, and must be replaced with final site stabilization BMPs per the approved plans ASAP.
- None of these are suitable for controlling erosion/sedimentation of open channels over winter.

# Late-Season Stabilization Policy

## Before September 15: Permanent Seed

- Seeds per the rates and mixes of WisDOT Roadway Standard Section 630
- Apply mulch, erosion control matting, or other permanent stabilization BMPs as specified in the approved erosion control plans
- Inspect all seeded areas weekly. Ensure adequate water is provided until full vegetative cover is obtained, and repair any erosion problems

# Sept. 15 – Oct. 15: Temporary Seed

- Increase seeding rate to  $>2$  lb / 1,000 sf
- Mat all channels using WisDOT Erosion Control Product Acceptability (PAL) Class 3 Type A matting
- Apply Type B Soil Stabilizer, mulch and tackifier from the PAL to all disturbed areas that remain exposed
- Install sod pads (2 rolls) at all culvert outfalls, and other high-erosion locations

# Oct. 15 – Nov. 15: Dormant Seeding

- Temporary seeding must still be done
- Increase rate to 3-5 lb / 1,000 sf
- Mat all channels using WisDOT Erosion Control Product Acceptability (PAL) Class 3 Type A matting
- Apply Type A Soil Stabilizer from the PAL to all other disturbed areas that remain exposed
- Install sod pads (2 rolls) at all culvert outfalls, and other high-erosion locations







# Native Vegetation Challenges

- Purpose is to enhance and perpetuate infiltration
- Problem is how to get the plants to germinate and grow, in a working stormwater management system
- County holds part of financial assurance until native vegetation is established and documented

# Root Systems of Native Plants

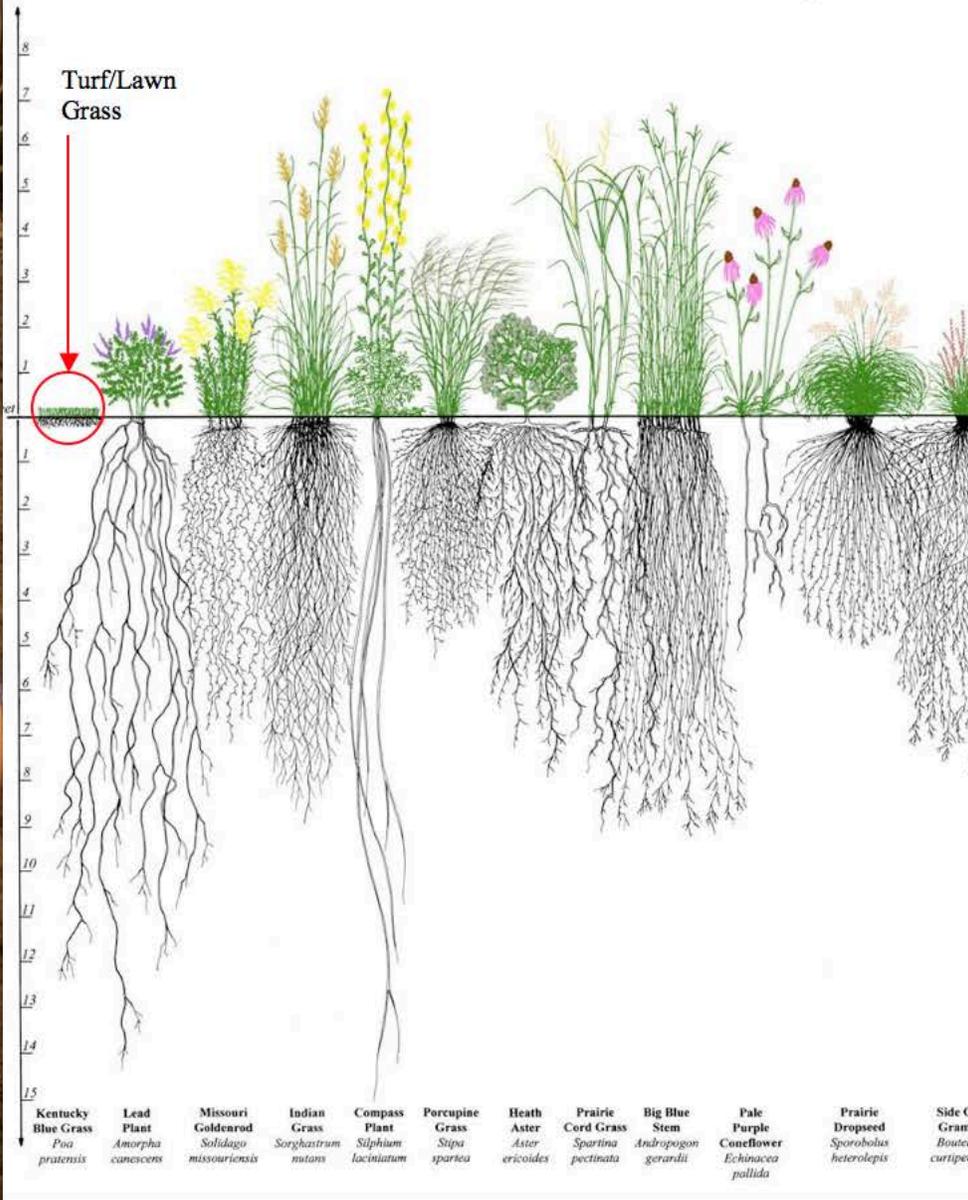


Diagram referenced from the "Conservation Research Institute"













