

CHECKLIST

- ☐ Provide sediment trapping facilities as the first phase of land disturbing activity.
- ☐ Sediment traps and basins shall be installed if necessary and in the correct location. Basins shall maintain structural integrity during 100-year 24 hour storm event.
- ☐ Cut and fill slopes shall be adequately stabilized. Fill slopes greater than 3:1 will require extra maintenance and control measures.
- ☐ Provide adequate temporary or permanent channel, flume or slope drain for all concentrated runoff down cut or fill slopes.
- ☐ Provide adequate drainage or other protection whenever water seeps from a slope face.
- ☐ Provide adequate inlet protection for all operational storm sewer inlets.

Additional information can be found in the City of Rolla's *Erosion Control Stormwater Protection Guide*.

Public Works Department

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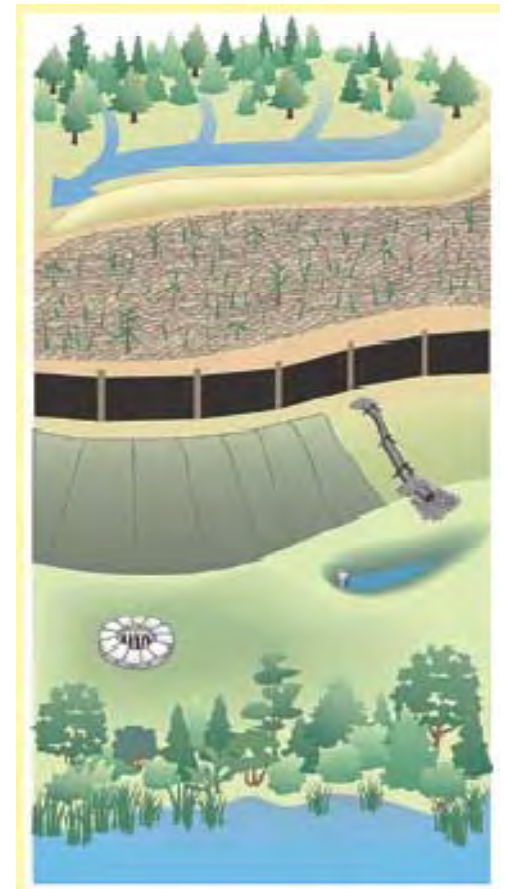
For Further Information:

Protecting Water Quality

A field guide to erosion, sediment & stormwater best management practices for development sites in Missouri & Kansas which was most recently revised by The Mid America Association of Conservation Districts (MAACD), Kansas City, MO, to include Missouri & Kansas

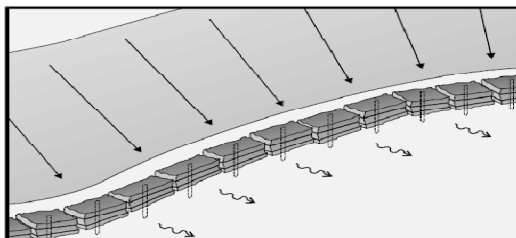
EROSION CONTROL/STORMWATER HANDOUT

CITY OF ROLLA
PUBLIC WORKS DEPARTMENT
2008



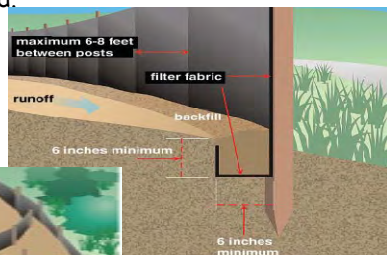
Straw Bale Sediment Trap

Preferred Method of City of Rolla



Silt Fence

Place silt fences to ensure perimeter protection. Placing silt fences on slopes with the ends turned up to trap sheet flow provides better performance. Stagger fence sections to ensure total coverage. Clean out before sediment reaches halfway up. Repair as needed, and remove when grass is well established.



•Stockpile Topsoil

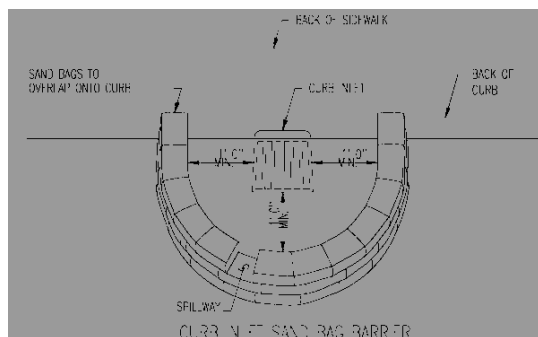


Concrete/Contaminate Washout Basin



Line concrete/contaminate washout areas with impervious material like plastic. Maintain and periodically remove hardened soils.

Fabric Drop Inlet Protection



Very good treatment of roadside areas with blown straw after seeding. In areas near lakes, streams, and rivers, straw in roadway must be cleaned up after application.

•Seed and Straw



Excellent application of hand scattered straw mulch in new residential subdivision. Work sites must be seeded and mulched as soon as final grade is established. Crimp mulch into soil with dozer tracking or disk harrows set straight to prevent straw from blowing.