

**Preconstruction Meeting Document
KNOX COUNTY, TENNESSEE**

Knox County Engineering & Public Works
865.215.5800



Date: _____

Attendees:

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Erosion Control

Before Construction Begins

For a Grading Permit to be issued, a design plan is required. Design plan approval needs an approved TDEC Erosion Prevention and Sediment Control Plan for most sites.

Prior to beginning work, silt fence or other sediment barriers must be installed.

Prior to beginning work, a construction entrance must be installed. Minimum dimensions are 20 feet wide, 50 feet long, and 6 inches thick. A larger entrance and/or additional stone may be required depending upon the conditions at the site.

Sediment basins, sediment ponds, and/or sediment traps must be constructed before the land draining to them is disturbed. If detention basins are to be used as sediment basins during construction, they should be over-excavated. The low level outlets should be blocked until all of the area flowing to the pond is stabilized.

During Construction

Sediment must be removed from ponds and barriers when the capacity has been reduced by 50%.

Excavated topsoil to be reused must be stockpiled, seeded and encircled with properly installed silt fence.

Litter, construction debris, and construction chemicals exposed to stormwater must be picked-up prior to anticipated storms or otherwise prevented from becoming a pollutant source for stormwater discharges.

All pipes should have sediment barriers at the inlet and rip-rap at the outlet.

Cut slopes steeper than 2 to 1, and fill slopes steeper than 3 to 1 should be protected with temporary or permanent matting.

Stabilization should be accomplished as soon as practicable after attaining final grade and no later than 7 days after attaining final grade. When earth-moving activity is to be stopped for 15 days or more before final grade is attained, temporary stabilization must be applied with 7 days.

Preconstruction Meeting Document KNOX COUNTY, TENNESSEE

Knox County Engineering & Public Works
865.215.5800



Inspection of sediment prevention and erosion control measures should be made before anticipated storm events and within 24 hours after a storm event of 0.5 inches or greater, and twice per week at least 72 hours apart.

Reminder: Knox County does not supersede TDEC.

Site Considerations

Before Construction Begins

Does earthwork balance? If not, where is borrow coming from?
Where is spoil material going to?
Properly permitted?
Traffic control plan needed?

Is there any preliminary work that must be done to establish sight distance for construction traffic?

Are buffers (peripheral, stream, sinkhole) required? If required, are buffers to remain undisturbed?

Are there other environmental permitting requirements (i.e., ARAP, sinkholes, wetlands, etc.)?

Is the site in the floodplain? Delineation of the no-fill line is required.

During Site Preparation

When grading the roadbed, the entire ROW width must be graded.

When cutting the centerline, achieve sight distance at the entrance.

Address compaction testing requirements.

It is a requirement that the subdivision inspector be contacted after the subgrade is ready.

Utilities must be located out of the pavement.

Discuss disposal of trees or other construction waste on site.

Pipes

Discuss pipe material.

Discuss backfilling trenches.

Roads

Address sidewalks and ramps.

Is "D" mix required?

Discuss boulevard entrance design.