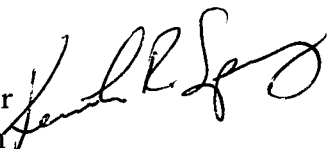


DESIGN MEMORANDUM NO. 3A-05

TO: Chief District Engineers  
Design Engineers  
Active Consultants

FROM: *for* David Kratt, Acting Director  
Division of Highway Design 

DATE: July 5, 2005

SUBJECT: Drainage Manual – Revisions in the  
Erosion Control Plan Development Process

As per Design Memorandum 3-05, dated January 25, 2005, the Erosion Control Plan Development Process has changed. Since the release of this memorandum, some issues have been brought to light that need addressing. This has necessitated some minor changes and/or clarifications to the policy. A summary of major changes and clarifications are listed below:

- Consideration of drainage area when sizing sediment basins
- Inclusion of mulching as an option for protecting erodible slopes
- Limitations on drainage area for traps
- For point discharge locations with drainage areas larger than 10 acres, a 10 year peak flow rate, and the total drainage area will now be shown at the discharge point
- Sediment basins will be limited to 10 acre-ft
- Estimates of quantities should include all erosion control bid items except for detention basins and sodding.
- The bid items for “Temporary Silt Ditch” and “Temporary Drainageways” have been combined under “Temporary Ditch”

Erosion control plan development procedures are covered in Chapter 10 of the drainage manual. The newly revised Chapter 10 is attached to this memorandum.

This policy will take effect on all projects that have not begun the erosion control plan development stage by the date of this memorandum.

DEK:RM:DM:JAD

Attachment