

Proposed Regulation Changes

Storm Drainage Design and Technical Criteria Manual

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- General Housekeeping.
- Include HP (High Performance Polypropylene Pipe) as an acceptable construction material within County right-of-way.
- General update to the Stormwater Runoff Detention Section.
- Update variance procedure for stormwater detention and water quality for residential lots.
- Remove "Standard forms for the calculation of Time of Concentration and Storm Drainage System Design".
- State that natural channel segments shall be designed to have a calculated Froude number of 0.6 for non-cohesive soils or those with poor vegetation and a maximum of 0.8 for vegetated cohesive soils.
- Include when Safety Grates will be required.
- Include Bioretention and Underground Practices in the list of Water Quality Basin types.
- Update NOAA Atlas 14 Figure
- Update MPLD Figure
- Remove concrete-lined from the basic methods of stabilization for drainageways.
- Remove "Credit will be given for WQCV and EURV facilities that have already been constructed in the upstream watershed."
- Remove Section 14.9 "Design Examples"
- Include language that the appropriate Fire Protection District and Planning and Zoning may approve a Local/Driveway overtopping depth greater than 12" for the 100-year storm event.
- Update Detention Section Design Criteria to reference the Urban Drainage UD-Detention software.