



Land Development News

Technical Bulletin

Subject: Certification Requirements for the Installation of Stormwater Management Facilities in Public Rights-of-Way Within the Tysons Corner Urban Center

Date: August 6, 2013

No.: 13-05

Summary: Third-party certification is required to demonstrate proper construction and installation of some stormwater management facilities and devices located within areas of the Tysons Corner Urban Center that are, or will be, controlled by the Virginia Department of Transportation (VDOT).

Effective Date: Immediately.

Background: The Board of Supervisors (Board) and VDOT entered into a Memorandum of Agreement (MOA) concerning Design Standards and Related Responsibilities of Streets in the Tysons Corner Urban Center in 2011.

Requirement: Proposed stormwater management facilities and devices located within areas of the Tysons Corner Urban Center either within existing VDOT rights-of-way or where a street is proposed for acceptance into the state secondary road system that 1) are *not* conventionally part of VDOT's current standards as described in Sections 3(c) and (d) of the MOA; and, 2) are to be maintained either by a private entity or the County, must have third-party certifications of proper construction and installation performed by a professional engineer licensed in the Commonwealth of Virginia. This certification shall be provided to VDOT as part of the secondary street acceptance process.

The facilities and devices shall be inspected during construction by the certifying professional engineer or an individual under responsible charge of the certifying licensed professional engineer. Upon completion of construction, the facility or device shall be inspected between both 12-24 and 36-48 hours after a significant rainfall event (i.e., at least 0.5 inches) or an artificial flooding to determine that the facility or device is draining properly. The licensed professional engineer shall certify that the facility or device was constructed according to the approved design, materials, specifications and installation requirements. The certification shall be accompanied by any material delivery tickets, certifications from the material suppliers and results of any required tests or inspections.

Other proposed stormwater management facilities and devices that 1) are a part of VDOT's current standards as described in Sections 3(c) and (d) of the MOA; and, 2) are to be maintained either by VDOT or the County, shall be installed pursuant to the current inspection and acceptance procedures between VDOT and the County.

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The MOA and a related attachment are available online:

- [Transportation Design Standards for Tysons Corner Urban Center, Memorandum of Agreement, September 13, 2011](#)
- [Transportation Design Standards for Tysons Corner Urban Center, Attachment D, September 13, 2011](#)

If you have any questions regarding these requirements, please contact a supervising engineering inspector from the Site Development and Inspections Division at **703-324-1720, TTY 711**.

Approved by: Michelle A. Brickner, P.E., Director
Land Development Services