

Departmental Policy

Policy Name: Stream Crossing

Approval Authority: Storm Water Management Regulations

Responsible Office: Community Development

Originally Issued: July 1, 2019

Revisions: -

1. Policy Statement

This policy should be used by Engineering staff when receiving inquiries or applications for any activity that involves a stream crossing with the driveway / utility approach through the Waterway Natural Area (WNA).

2. Reason for Policy

This policy is intended to allow the consistent review of applications in compliance with Section 4.2.G. of the Storm Water Management Regulations of Williamson County Tennessee, which states that:

Roadway and public utility crossings, and the associated encroachments, as allowed by a Tennessee Department of Environment and Conservation (TDEC) ARAP, which are perpendicular to the channel, are permitted in the WNA.

However, the practicability of 90 degree approaches on both sides of a stream is not always feasible due to topography, stream sinuosity, and many other factors. Rarely is an approach at 90 degrees to the stream, so this policy clarifies how the Engineering Department will review the roadway and utility crossing skews within the Waterway Natural Area. It is important to note that when there is over 1 square mile of drainage and/or the crossing is located within a floodplain/floodway, there are additional requirement not addressed within this policy.

3. Who Should Read Policy

All Engineering or Planning personnel who may be responsible for approving applications.

4. Related Documents or Regulations

The Williamson County Storm Water Management Regulations, Zoning Ordinance, Subdivision Regulations.

5. Contacts

The Williamson County Engineer
1320 West Main Street, Suite 400
Franklin, TN 37064
Phone: 615-790-5809
Email: Engineering.Dept@williamsoncounty-tn.gov

6. The Policy

Roadway and public utility crossings and the associated encroachments which will run through a Waterway Natural Area will require the following:

- Compliance with terms of ARAPs as determined by TDEC.

- Approaches within the WNA must be within an average skew of no more than 15 degrees.
- Skews may be averaged between the approaches on each side of the stream.
- To average the skew, measure the angles on both sides of the waterway within the Waterway Natural Area as they relate to the stream, and average those angles.
- The skew on either side must not exceed 30 degrees.