



Legislation Text

File #: 16-154, **Version:** 1

TITLE:

Hydrology Study and Stormwater Drainage Policy

PURPOSE: The purpose of this item is to receive the results of preliminary engineering hydrologic studies related to drainage concerns in three areas of Town. This item will also present the Board of Alderman with the Town's current drainage policy as adopted by the Town on June 12, 1984.

DEPARTMENT: Public Works

CONTACT INFORMATION: JD Freeman - (919) 918-7427 jfreeman@townofcarrboro.org
<<mailto:jfreeman@townofcarrboro.org>> Henry Wells - (919) 859-2243 hwells@sungatedesign.com
<<mailto:hwells@sungatedesign.com>>

INFORMATION: On March 1st, 2016 the Board of Alderman authorized the Town to conduct comprehensive hydrology and hydraulic studies for Toms Creek, Piedmont Health, and Morningside Drive. This agenda item follows on reports provided on January 12th (<http://carrboro.legistar.com/gateway.aspx?m=l&id=/matter.aspx?key=2278>) and March 1st (<https://carrboro.legistar.com/LegislationDetail.aspx?ID=2592401&GUID=1DB27FB9-9403-4411-8D4F-40A817C71887>)

At the meeting Tuesday night, Town staff and Town Engineer (Sungate Design Group, PA) will present the findings of recently completed hydrologic studies and will be prepared to distribute the associated reports. This approach will allow the Board of Aldermen sufficient opportunity to consider the information. The first step is to allow the Board to hear the overview presenting not only the findings but the procedures and assumptions utilized for calculations and receive the written reports. The next step will be for the Board to consider in detail at the June 14th work session. Due to the comprehensive and detailed nature of these studies, and the interest of the Board of Alderman to consider this information before the end of the fiscal year, we are presenting the information to the Board of Alderman in this way.

These engineering studies got underway in earnest by mid-March and have involved significant efforts to collect and compile the needed field data to allow for numerous analyses of various stormwater alternatives. Of the alternatives evaluated, each study focuses in detail on the top three or four options and advises the Board on how it does or does not mitigate the stormwater concerns. Town Staff will also present the Town's current drainage policy as adopted by the Town on June 12, 1984. Attached to this item are excerpts from the June 12, 1984 minutes which detail the adopted drainage policy.

FISCAL & STAFF IMPACT: There is no fiscal or staff impact for your considering this information. Preliminary costs have been previously presented for two of the areas studied. Fiscal and staff impacts will be determined as the Board decides on the next steps.

RECOMMENDATION: The recommendation is that the Board receive the presentations Tuesday evening, review the attached drainage policy and provide feedback.