

# When does my project need a Hydrologic and Hydraulic (H&H) Study?

Vermont Emergency Management released [guidance](#) about the contents of an H&H Study and when it is (and is not) necessary.

In brief:

- An H&H Study is required when a **town highway structure** conveys a perennial stream. While recommended, an H&H Study is not required for crossings that are not part of the transportation network. Bridge and culvert work on perennial stream crossings must conform with the Vermont statewide DEC Stream Alteration Standard.
- In the State of Vermont, H&H studies must be conducted by VTrans or by consultants for H&H Studies. **Studies must adhere to VTrans hydraulics standards outlined in the 2015 VTrans Hydraulics Manual**