

Greg Ulman

From: Van Asten, Forrest A - DNR <forresta.vanasten@wisconsin.gov>
Sent: Thursday, July 3, 2025 8:27 AM
To: Greg Ulman
Subject: RE: [External] Regulatory Floodway Question

Greg:

In most cases, elevated walkways/boardwalks in the floodway would require H&H/modeling because they have the potential to impact base flood elevations (by blocking flow). This is because these structures rise up above existing ground and change the channel geometry. For the most part, trails and walkways that do not rise up above ground level (or rise so little that the difference couldn't be modeled in HEC-RAS) wouldn't require an engineered study. I'm not sure if there is a way to construct a boardwalk without it being somewhat elevated on supports, but if the village comes up with a non-elevated design that you would want me to look at for floodplain I can definitely do that for you.

In general, the guidance to keep in mind is that if the development you are considering changes the geometry of the river in such a minor way that you couldn't model the difference in a HEC-RAS cross section, a study usually isn't necessary as it wouldn't effectively calculate the difference anyway.

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From: Greg Ulman <gulman@kronenwetter.gov>
Sent: Wednesday, July 2, 2025 9:58 AM
To: Van Asten, Forrest A - DNR <forresta.vanasten@wisconsin.gov>
Subject: Regulatory Floodway Question

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Good morning Forrest,

A few weeks back we spoke about having an elevated walkway go through regulatory floodway to a dock/pier on a creek. The regulatory floodway area up to the creek is marsh with areas of standing water. Are we able to construct an elevated walkway in the marsh area with posts? Or would we need to do an engineering study to determine the displacement of water in the floodway? Or would this be denied by the DNR?

Just looking for something in writing.

Thanks again,

Greg Ulman

Director of Public Works/Utilities Superintendent



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