

Department of Public Works – Engineering Division

MEMO

TO: Utilities Committee

FROM: Danielle Block, Director of Public Works
Pete Neuberger, Staff Engineer

DATE: December 7, 2022

RE: Amend 2021D stormwater consulting services contract for Lightning Drive Extension Final Design with raSmith in an amount not to exceed \$25,000.

The Department of Public Works is requesting approval to amend the 2021D stormwater consulting services contract for Lightning Drive Extension Final Design with raSmith in an amount not to exceed \$25,000. If the amendment is approved, the new total contract amount will be \$132,000. The amount remaining in the 2022 stormwater consulting budget will be \$210,746.

raSmith is currently contracted to provide final design and permitting for the planned extension of Lightning Drive from 600 feet north of Edgewood Drive (CTH JJ) to Broadway Drive.

The Lightning Drive extension includes two stream crossings with FEMA-regulated floodways. Prior to submitting the necessary flood study to FEMA for approval, the City is required to obtain NR116 review and concurrence from Wisconsin Department of Natural Resources (DNR).

In July 2022, raSmith submitted the draft flood study to DNR for concurrence. The flood study limits were set to the immediate area affected by the two stream crossings and included approximately 4 miles of stream; this approach is similar to the approach taken by the four previous floodplain projects within the watershed since 2008. After initial review and discussion with raSmith, DNR has determined that NR116 compliance under current State standards requires that the flood study be expanded from approximately 4 miles of stream to approximately 12.6 miles of stream. This level of effort is not included in the existing raSmith contract. At DPW's request, raSmith has estimated this additional effort will cost up to \$25,000.