

Date: 10/8/2024 Job No.: 23099.01
To: Diane Williamson, AICP, CFM - Town of Bristol Director of Community Development; Edward Tanner – Town of Bristol Principal Planner
Cc:
From: Nicole Iannuzzi, PE – Vice President (BETA Group, Inc.)
Subject: Mount Hope High School Master Plan Review Planning Board Meeting October 8, 2024

This memo is to provide some clarification in regards to the public comments about stormwater requirements for the Mount Hope High School Project. A letter from Mr. Spinard was received on September 27, 2024. The following provides answers to the following questions.

Recommendations

- An updated model could be performed in the future to depict the changes since 2007.
- It is not the responsibility of any one development along the Silver Creek to perform a more detailed model of the entire creek. It is the development's responsibility to mitigate the stormwater generated on the site to meet the existing conditions. The proposed project can not convey any additional flow to the creek.

Key Findings From Master Plan

- The Design Team can address these more in depth as they are about their Master Plan submission.

Summary of Key Findings From Master Plan- September 12

- Flooding exists in our neighborhood, at the high school, at Chestnut Street, and adjacent areas of the Silver Creek watershed.
 - The Design Team is responsible to mitigate the stormwater generated on the site to meet the existing conditions. The proposed project cannot convey any additional flow to the creek.
- There is a proposed hotel development filling in 40,000 square feet of wetlands upstream of the new school site.
 - That is not a part of this project.
- The use of an outdated flood map, which is included in the Master Plan Report and the absence of the 2007 Silver Creek drainage Study.
 - The most up to date FEMA information is being used. The baseline information provided by FEMA is the industry standard for evaluations of this nature.
 - The 2007 Silver Creek Drainage Study was not intended to be used as a design tool or to set flood elevations for any projects along Silver Creek. It was a planning level study.
- The Town of Bristol commissioned Silver Creek Drainage Study.
 - This was a planning level study and the intent was to identify problem areas. It was not based on survey information and was not a detailed enough study to be used to indicate flood elevations. It was meant to identify restrictions within the creek so that future drainage improvements projects could be identified. This study should not be

compared to FEMA or used to determine flood elevations. A very different, more detailed approach would be necessary to construct a model to gain that information.

- Rainfall amounts have increased.
 - Agreed. The Design Team will use increased rainfall amounts in their calculations.
- Storm events are occurring more frequently and more significantly:
 - The Design Team will use increased rainfall amounts in their calculations.
- There is a rise in sea level
 - This area is not tidal. The baseline information provided by FEMA is the industry standard for evaluations of this nature.
- Stormwater Management proposed by BWRSD is not addressing the serious flood problem.
 - The design is required to meet the stormwater regulations set forth by the Town of Bristol and the Rhode Island Department of Environmental Management.