



TO: Board of Selectmen and Planning Board
FROM: Greg Guimond, Town Planner
RE: New FEMA (Inland Waterways)
DATE: January 12, 2021

Last year (February 2020) FEMA had provided new Inland Waterways FIRM Maps and a Flood Insurance Study (FIS) to the Town for a Town Meeting vote. Due to COVID-19 FEMA withdrew the requirement for the Town to act on the maps and the study for last year with the understanding they would resubmit the Inland Waterways flood maps and FIS for this Spring Town Meeting. The Flood maps are referenced in the revised floodplain zoning article that the Planning Board voted last night (1/11/21) to submit for the Spring Town Meeting warrant.

By voting the new revised Article 15 Floodplain Zoning language the Town will automatically be voting to accept Inland Waterways (Riverine) FIRM Maps and Flood Insurance Study (FIS) and updating the FEMA maps to reflect the Coastal LOMR updates for Duxbury and Marshfield from last summer. This vote is required by FEMA in order to keep the Town in the Federal Flood Insurance program.

A review of the new map panels for the Inland Waterways update shows a generally modest increase in the floodplain along the rivers, brooks and creeks in Town. By comparing the topography it shows the new Inland Waterways flood layer conforms better to the lay of the land than the previous flood plain layer.

In particular, the changes are along the following tributaries:

- **South River**, southwest of Plain Street (RTE. 139) to Duxbury;
- **Furnace Brook**, from just north of St. Christine church to the South River;
- **Bares Brook**, runs north from Rugani Ave to Summer Street;
- **Hannah Eames Brook**, runs west from Summer Street under Rte. 3A;
- **Littles Creek**, runs north along Church Street under Summer Street to the South River;
- **North River Tributary A**, runs from North River past Hatch Mill, Oakman Pound and Magoun Pond to the North River.

There are no changes to the North River or South River (east of Route 139/3A) and no changes to the coastal areas of Town with the Inland Waterways update of the flood maps.

As far as impacts to individual properties, it appears that

5 properties are going into the Floodplain:

- 60 Cross Street (house),**
- 108 Cross Street (appears to be a large garage or barn),**
- 391 Union Street (Hatch Mill)**
- 1187 Main Street (house)**
- 229 Old Ocean Street (small accessory building)**

120 Rugani Avenue (house),
88A Flames Road (house),
201 School Street (house),
485 Pleasant Street (house),
465 Pleasant Street (house),
125 Canoe Tree Street (house),
1436 Main Street (house),
1410 Main Street (house),
457 Main Street (house).

If you have any questions please call or email either Greg Guimond or Karen Horne at the Planning Department.

Email is gguimond@townofmarshfield.org or khorne@townofmarshfield.org