



TO: Board of Selectmen and Planning Board
FROM: Greg Guimond, Town Planner
RE: New FEMA (Inland Waterways)
DATE: February 20, 2020

FEMA has finalized the Inland Waterways (Riverine) FIRM Maps and Flood Insurance Study (FIS) and provided them to the Town for a Town Meeting vote (modification of the Town's Zoning Bylaws/Map). This vote is required by FEMA in order to keep the Town in the Federal Flood Insurance program. FEMA is replacing 13 of the Flood Plain panels that cover the Town of Marshfield. Of the 13 panels, the changes are focused in the following 5 panels: 25023C0138, 25023C0139, 25023C0207, 25023C0226, and 25023C0228.

A review of the new map panels 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 conform 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;
- **Little 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 this map change.

As far as impacts to individual properties, it appears that

4 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).**

9 properties are coming out of the Floodplain:

- 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).**