Stoughton Public Works Flood Preparedness

This document serves as an outline of the Stoughton Public Works Departments response to, or monitoring of, the heightened risk for flooding or actual flooding in the City of Stoughton. In general Stoughton has a relatively low risk for flooding from the Yahara River. The greater threat that we may realize is from heavy rain events that may inundate our storm sewer system creating localized flooding on roadways and on to private property.

Floodplain Map (See Attached)

Initial Response

- Conduct the initial infrastructure assessment
- If warranted, the Emergency Operations Center (EOC) would be activated.
    - If the EOC is activated, the Public Works Department would follow the National Incident Command Structure (NIMS) and then respond accordingly
- If the EOC is not activated, Public Works staff would follow the normal chain of command to report area of flooding concerns and respond accordingly.

Areas with the Greatest Risk

- Areas with Heightened Risk (Based on Floodplain Maps and General Observations)
    - Stoughton Dam
    - Homes along Dunkirk Avenue downstream of the Dam
    - Elven Sted Apartments
    - RDA development along the river
    - Mandt Park
    - Fishing peninsula downstream of the Fourth St Bridge (ability to close if condition warrant)

- Areas to Monitor
    - All property along the Yahara River
    - Swale North of Roby between Clancy and Page
    - Swale East of the Riverside Cemetery between Milwaukee St and Riverside
    - Pond South of Milwaukee St
    - Storm Sewer System in General
    - Storm Basins
    - Paradise Pond, Pumping Station and Swale
    - Virgin Lake
    - Storm water storage area behind Conant Automotive
    - Coopers Causeway

    - Division St along the Division St Park
    - All bridges crossing the Yahara

- Monitoring Devices
    - USGS River Gauges
        - Forton St Bridge
        - Dunkirk Dam Impoundment
        - Lake Kegonsa
        -

Equipment and Materials

City Equipment and Materials

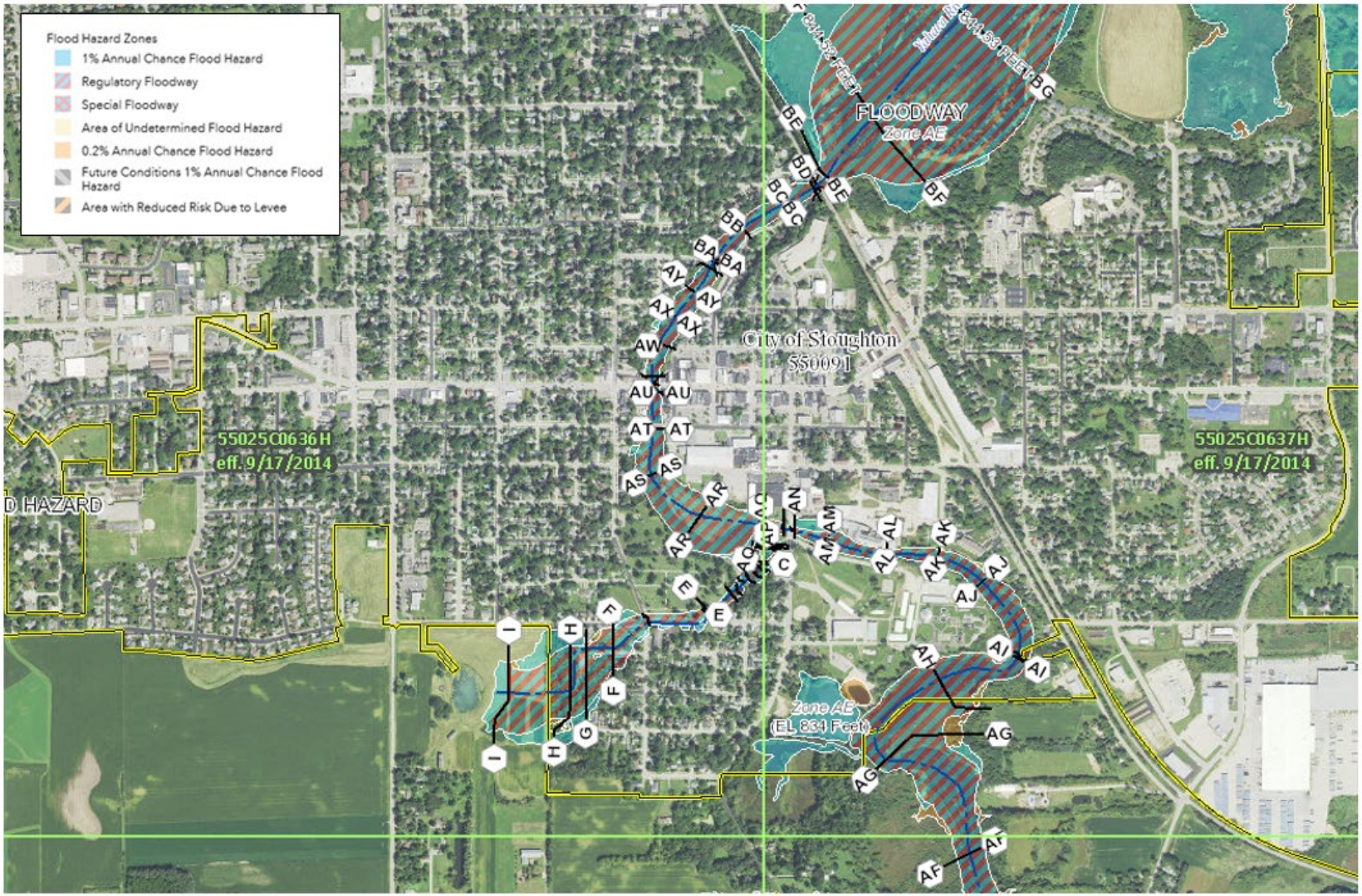
- As of March 1, 2020 we have 3,000 empty sand bags in stock
- 2-inch trash pump
- 2 Front End Loaders
- 9 Dump trucks for hauling sand or earthen material to temporary berm
- 50 barricades
- Approximately 400 cones of various sizes
- Vacuum Sweeper can basin cleaning capabilities
- Stoughton Utilities Vactor
- Stoughton Utilities trash pumps

Mutual Aid Partners

- Dane County (Request through Dane County Emergency Management)
    - Resource for extra sand bags
    - Sand Bagging Machine
- Beloit (Request through the Director of Public Works)
    - Sand Bagging Machine

Suppliers

- Lincoln Contractors (608-249-6476)
    - Auxillary Large Capacity pumps hoses and fittings
- Fuel Delivery (800-472-3810)
    - FS
- Sand (608-873-1944)
    - Rosenbaums

Dam Operation (See Dam Emergency Action Plan)

Stoughton Floodplan Map