

FOX RIVER FLOOD COMMISSION

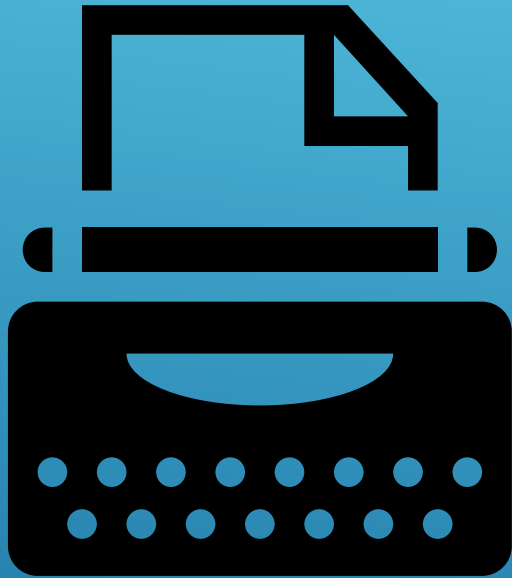
June 19, 2019



Agenda

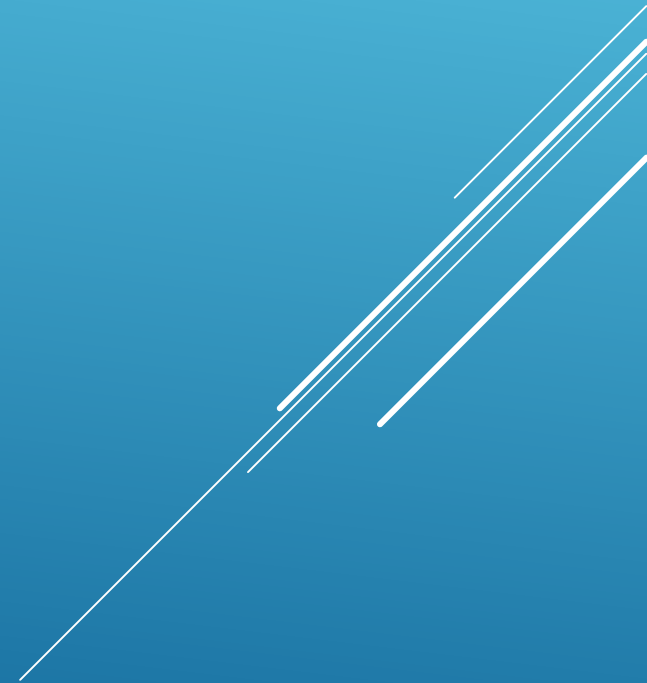
- Introductions
- Meeting minutes approval
- Public Act 100-0730
- Survey Results and Interactive map
- Recap of Shortfalls in Existing Flood Control Practices
- Long term Structure for the Coalition
- Purpose of the Coalition
- Future meeting dates and plan





Approval of meeting minutes

- February 27, 2019
- April 17, 2019
- June 19, 2019





- Amends the Flood Control Act of 1945
- Creates the 32 member Flood Control Commission for the Fox River Watershed
- Created to study and develop integrated floodplain management coalition
- Requires a report be provided to the General Assembly by December 31, 2019

PUBLIC ACT 100-0730

SURVEY RESULTS

▶ 59 Participants

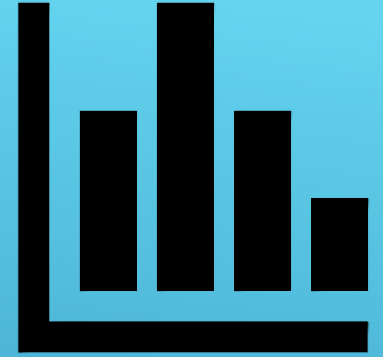
- 6 Counties
- 12 Townships
- 1 HOA
- Fox Waterway Agency
- 39 Municipalities

▶ Freeboard

- 3 feet along Fox River in Kane County
- 2 feet – 28 communities
- 1 foot – 17 communities

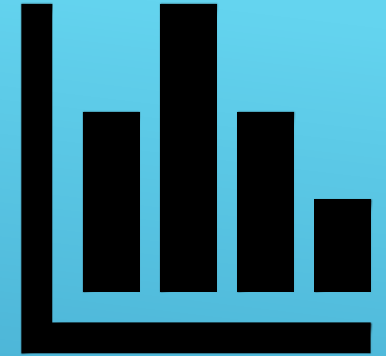
▶ Cumulative Tracking Substantial Damage

- 13 do not track
- 15 Life of Structure
- 2 After a Specified date
- 14 Ten years
- 2 Five years



SURVEY RESULTS

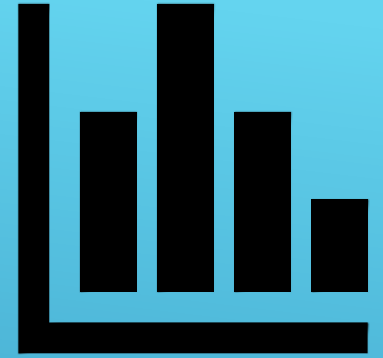
- ▶ 16 reported Flooding outside of Regulatory Floodplain
- ▶ 15 reported Critical Infrastructure in the Floodplain
 - 4 Wastewater treatment plants
 - North Aurora Village Hall
 - Fox Waterway Agency
 - 2 Police/fire stations
 - 2 schools
- ▶ 13 have used State or Federal Mitigation Grant Programs
- ▶ 27 have a Flood Response Plan
- ▶ 12 have Local Flood Risk Maps
- ▶ 20 need Floodplain Mapping along tributaries/unstudied Zone A



SURVEY RESULTS

▶ 31 listed top mitigation needs

- Buyouts throughout the watershed
- Updated Mapping
- Pump stations
- Storm sewer improvements
- Shoreline stabilization
- Detention basin construction
- Detention basin retrofits
- Roadway improvements to address roadway and local flooding
- Local floodplain and stormwater management plan
- Bathymetric survey of river and lakes
- Dam repair



RECAP - CURRENT SHORTFALLS IN FLOOD CONTROL PRACTICES



- Rainfall and Stream Flow Gages
- New and Updated Floodplain Mapping
- Comprehensive Planning for Open Space and Mitigation/Buyout Strategies
- Using Update Rainfall Data and Future Conditions
- Uniformity in Floodplain Regulations (Freeboard, etc.)
- Requirements for use of BMPs
- Sandbagging Risks and Impact on Damages
- Use of Cumulative Substantial Damage for Mitigation

LONG-TERM STRUCTURE FOR THE COALITION

- ▶ Successful when self-organized from the grass-roots level
- ▶ Studies show most success found when driven by one individual or a few individuals committed to addressing a problem
- ▶ How to structure the coalition
 - New vs. expanded mission of an existing group
 - Informal vs. Formal bylaws/voting members
- ▶ Who should be included in final coalition:
 - Entire Fox River watershed vs. Upper Fox only
 - Communities along the mainstem vs. Watershed wide
 - Municipal, Township and County governments
 - Other stakeholders



HOW TO: ADVANCE FLOOD DAMAGE REDUCTION MEASURES





HOW TO: IMPROVE FLOOD PREPAREDNESS, PROTECTION AND RESPONSE





HOW TO: ADVOCATE FOR FLOODPLAIN MANAGEMENT EDUCATION





HOW TO: SAVE TAX PAYER DOLLARS





HOW TO: BENEFIT PARTICIPATING COMMUNITIES AND THE STATE



NEXT STEPS

- ▶ IDNR will draft report and request comments from the Commission and Stakeholders in November
- ▶ Final Commission Meeting in December to approve Final Report
- ▶ Report will be sent to Governor by December 31



QUESTIONS?

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