

# Update on Efforts Since November Flooding

July 26, 2022 Natural Resources Committee Meeting

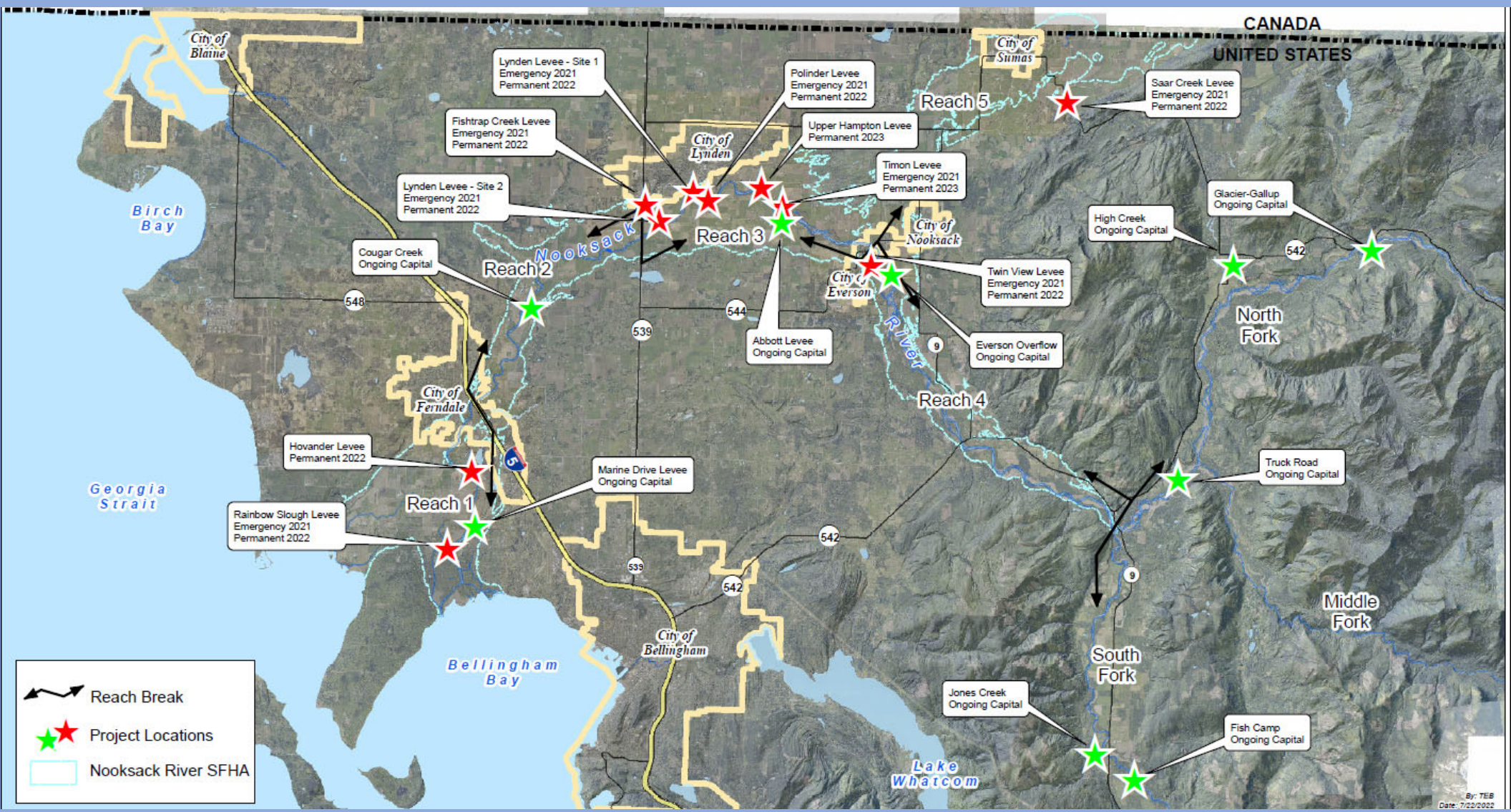
# Recent FCZD Efforts

- REPAIR PROJECTS

- Emergency repairs for 6 levees and Truck Road completed
- Permanent repairs for 8 levees – USACE lead on 2 sites (next summer)
- Ongoing capital project design and permitting for 5 sites

- FLOOD HAZARD REDUCTION

- Ongoing design and permitting for 6 flood hazard reduction projects
- Development of acquisition and elevation assistance program (applications submitted for 23 acquisitions and 17 elevations)



# Recent FCZD Efforts

- **FLOODPLAIN INTEGRATED PLANNING**

- Preliminary calibration to 2020 flood
- Collected new river bathymetry (2022)
- Preliminary sediment analysis conducted by USGS
- Conducted design charrette – generated actions to move forward

- **EARLY WARNING SYSTEM**

- New technology and more measurements to improve gaging ability (USGS)
- New gages at Emerson Road and Hannegan

- **FLOODPLAIN PERMITTING**

- Developed National Flood Insurance Program (NFIP) compliance plan



# Current and Future FCZD Efforts

- Design and permitting of side channel enhancement project at Everson
- Updating hydrology and hydraulic model with new bathymetry
- Calibrating model to 2020 and 2021 floods
- Concept design of potential mitigation projects
- Hydraulic modeling and evaluation of alternatives
- Design of preferred alternative project components
- Ongoing coordination with FLIP Teams and Canadians
- Public outreach and communication

