Ottawa County Water Quality Forum

Resilient Grand Haven

2016 Master Plan: Resilient Grand Haven

- Resiliency the ability of a community to bounce back from an economic, social, or environmental hardship
- Joint effort between City of Grand Haven and Grand Haven Charter Township
- Vulnerability analysis
- Updated goals and objectives
- Consideration for youth and elderly residents





Implementing the Plan



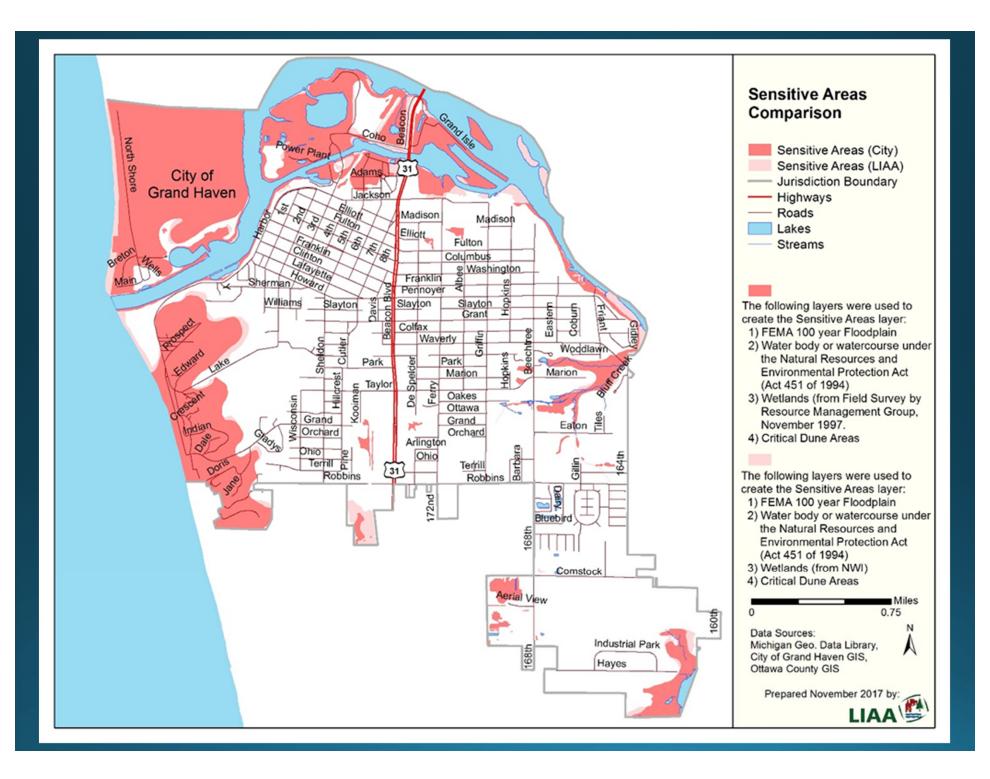
- Update the City's Sensitive Areas Overlay District
- Develop and implement shoreline standards
- Develop best management practices plan to provide educational information to homeowners living within sensitive landscapes

Sensitive Areas Overlay District

- Updated boundary to reflect latest critical dune, wetlands, and floodplain data
- Added wetlands of less than 5 acres in size
- Clarified plan review standards



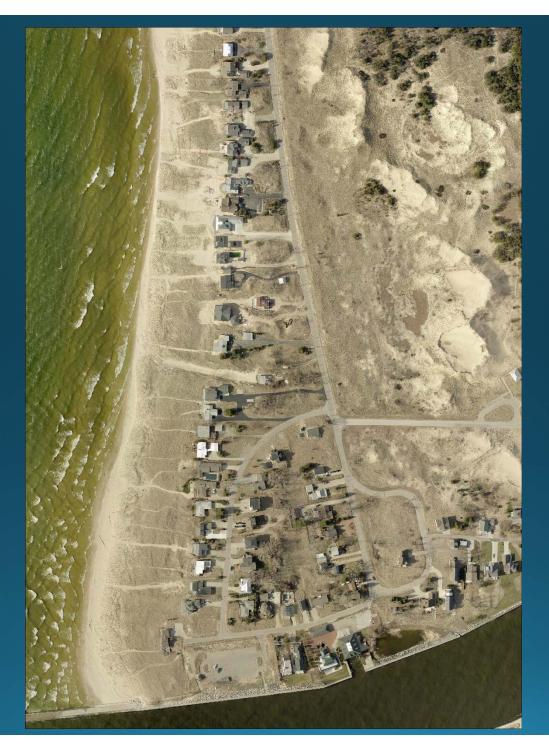




Beach Overlay District

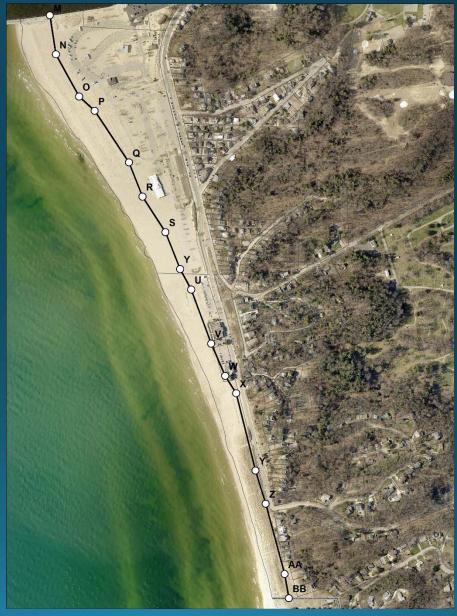
- Prevent damage to private property
- Prevent damage to the public trust shorelands (the beach we all walk along)
- Preserve the character of the public trust shorelands
- Prohibit installation of shoreline protection measures except for temporary fencing





50-year flood elevation + 60-year recession distance





Homeowners Guidebook

- Four Key Areas
 - 1. Living Along the Coast
 - 2. Living in the Dunes
 - 3. Living in the Floodplain
 - 4. Living Near Wetlands
- Simple Best Practices
- Explains the science and data behind our new regulations



LIVING IN SENSITIVE AREAS A HOMEOWNERS GUIDE FOR RESIDENTS OF GRAND HAVEN