

## Major Project Features

- Localized levee raises and raise of Lower Unit levee segment protecting the Lakewood residential area
- Geotechnical work including stability berm installation and seepage remediation
- Interior drainage improvements and replacements (pump station)
- Floodwall replacement

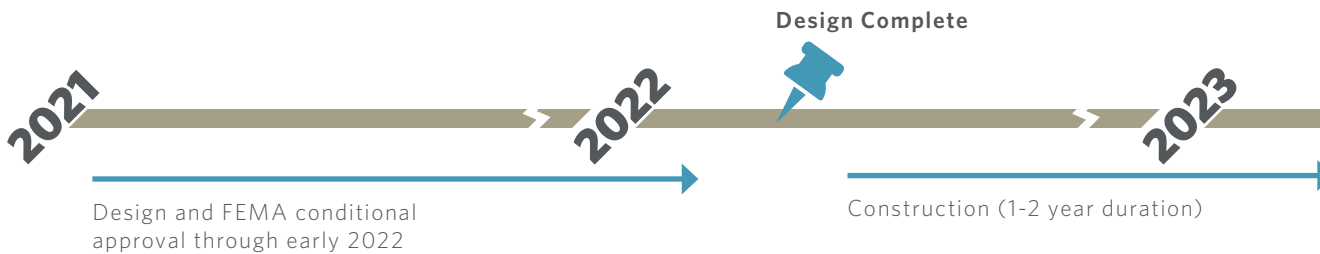
## Project By The Numbers

- 4,100 commercial, industrial, and residential properties at risk.
- \$9.6 million in estimated annual flood insurance requirements if de-accredited.
- \$18 million estimated project cost remaining (construction and administration).
- \$9.3 million estimated need from the North Dakota State Water Commission in 2021-23 biennium.
- Pursuing local funding (\$8.6 million) through water resources district assessment of benefitted properties (NDCC 61-16.1).

## Lower Heart Levee System

The Lower Heart Water Resource District's primary responsibility is assuring the Lower Heart River Levee System operates to successfully provide real and recognized flood protection to the City of Mandan and surrounding areas. Recently, the Lower Heart River Levee System was determined to be out of compliance with federal levee safety standards. Meeting these standards is imperative for the economic well-being of our community as

being out of compliance will invoke flood insurance requirements on over 4,100 residential, commercial, and industrial properties. The Lower Heart Water Resource District is working with a consultant to design remediation work on the levee system to bring it up to current federal standards and maintain FEMA accreditation.



Design and FEMA conditional approval through early 2022

Construction (1-2 year duration)