Oak Grove Neighborhood Meeting
Project #FM-19-F1
April 22, 2021
5:30 PM
Overview

- Fargo-Moorhead Diversion Project Update
- In-Town Projects
- Oak Grove Neighborhood
  - Past Floods
  - 2021 Construction Project
- Questions
100-year Flood Protection Minimum
   • Also give ability to defend against a 500-year flood

Diversion Channel

Southern Embankment and Control Structures

Temporary Staging of Flood Waters Upstream to Prevent Downstream Impacts

In-town Levees
   • Additional levees needed to safely pass RS 37-feet during 100yr flood.
FARGO-MOORHEAD METRO DIVERSION PROJECT

Existing Conditions – 100yr Flood

With Project– 100yr Flood
FARGO-MOORHEAD METRO DIVERSION PROJECT

- Project Website: fmdiversion.gov
- USACE Ongoing Construction
  - Diversion Inlet Structure
  - Wild Rice Structure
  - Southern Embankment Reach 1
  - I29 Grade Raise
- Diversion Channel
  - Anticipated P3 Developer Selection in May 2021
  - Planned to be Operational in Spring of 2027
In-Town Projects
PROJECTS COMPLETED SINCE 2009

- More than 22 miles of levees and floodwalls constructed
  - *47 miles of emergency levees constructed by the City in 2009
- Project Cost ≈ $295 million
- Reduces required sandbags by approximately 5.0 million
- All completed projects are built to proper elevations to accommodate Plan B’s proposed 37’ flow through town
257 Properties Purchased
• Over 400 since 1990

At cost of approximately $107 million

Over 90 private property easements
2021 IN-TOWN LEVEE CONSTRUCTION

- Drain 10/North of the Airport
- Riverwood Addition
- Royal Oaks Drive Area
- Elm Circle Area
- Oak Grove Area
Oak Grove Flood Risk Management Project
PROJECT DESIGN

- Slope Unloading Cross-Section
FLOODWALL APPEARANCE

- Wall Cap, Gray Color
- Brick Soldier Course
- Wall Accent Band, Gray Color
- Column Cap, Gray Color
- Brick Running Bond Column
- Wall Elevation
- Stone Textured Wall
  Gray Colored Tones
REMOVABLE FLOODWALL APPEARANCE
• City received bids for construction on March 31, 2021
  • Low bidder was Meyer Contracting, Inc. from Maple Grove, MN

• Construction anticipated to start the week of May 3rd, 2021
  • North Terrace and South Terrace will remain open throughout construction
  • Ash Street will be closed at times
  • One access into Oak Grove Park must be maintained at all times

• Substantial completion of construction by October 15th, 2021
  • Floodwalls and levees fully constructed
  • Underground utilities installed
  • Road pavement replaced

• Final completion of construction by June 15, 2022
  • Staining, painting and anti-graffiti coatings on floodwalls
  • Miscellaneous punch list and cleanup items