



THE CITY OF  
**Fargo**  
FAR MORE

# Oak Grove Neighborhood Meeting Project #FM-19-F1

April 22, 2021  
5:30 PM

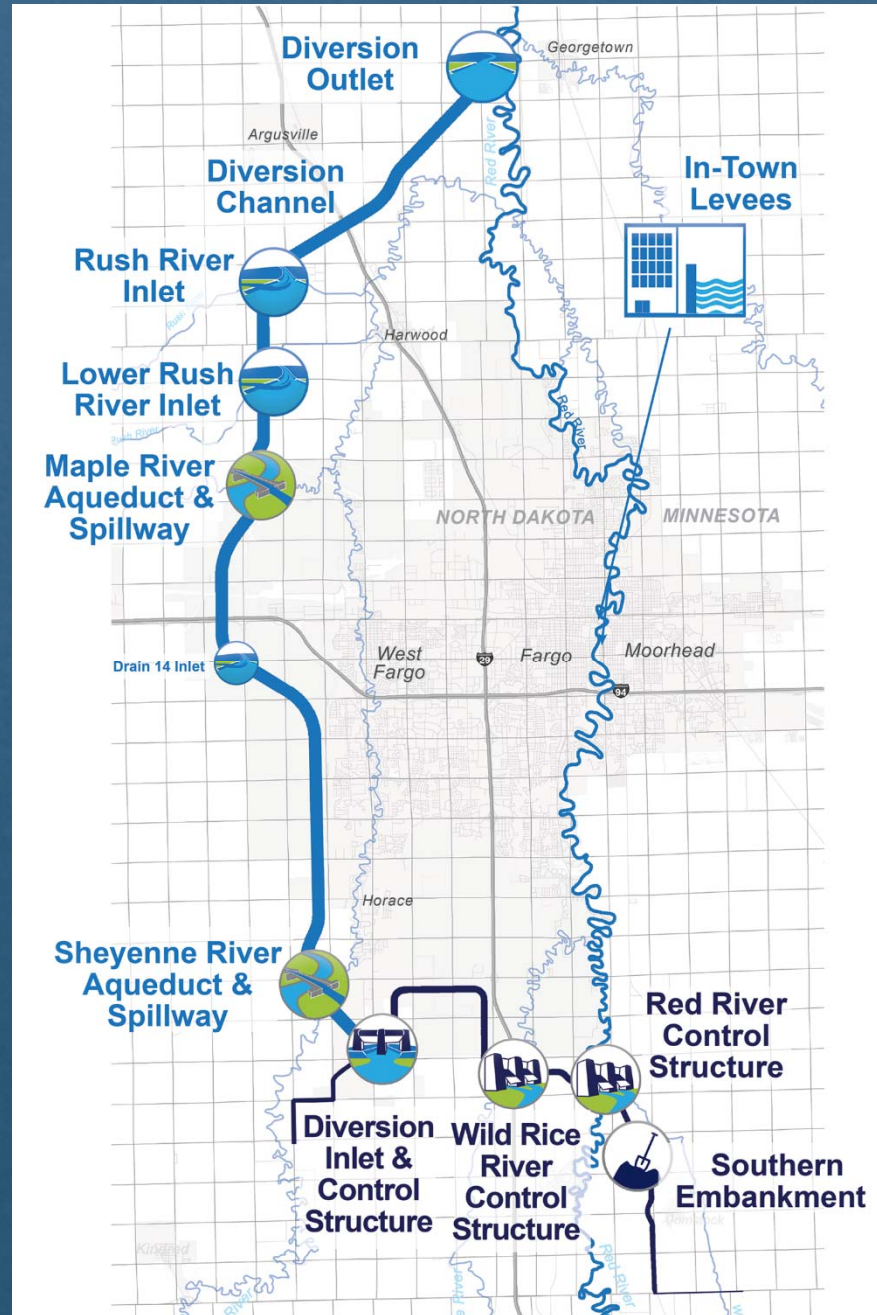
# Overview

- *Fargo-Moorhead Diversion Project Update*
- *In-Town Projects*
- *Oak Grove Neighborhood*
  - *Past Floods*
  - *2021 Construction Project*
- *Questions*



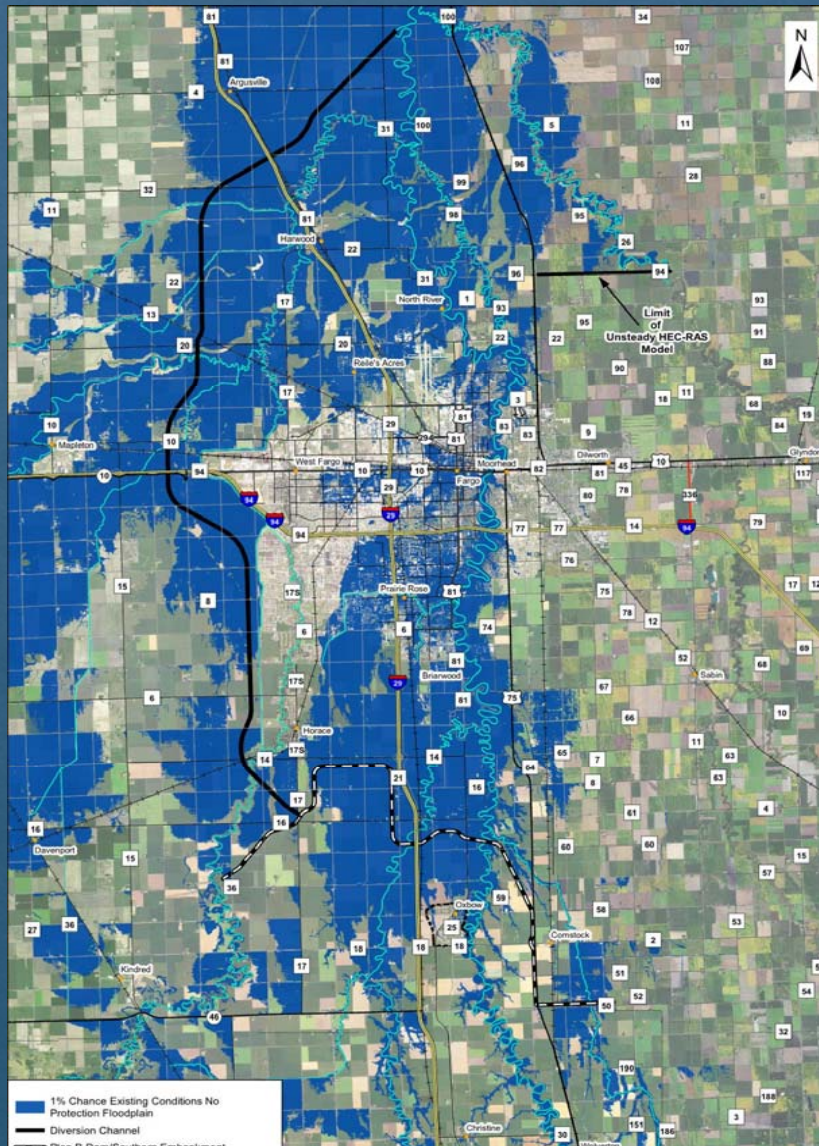
# FARGO-MOORHEAD METRO DIVERSION PROJECT

- 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.

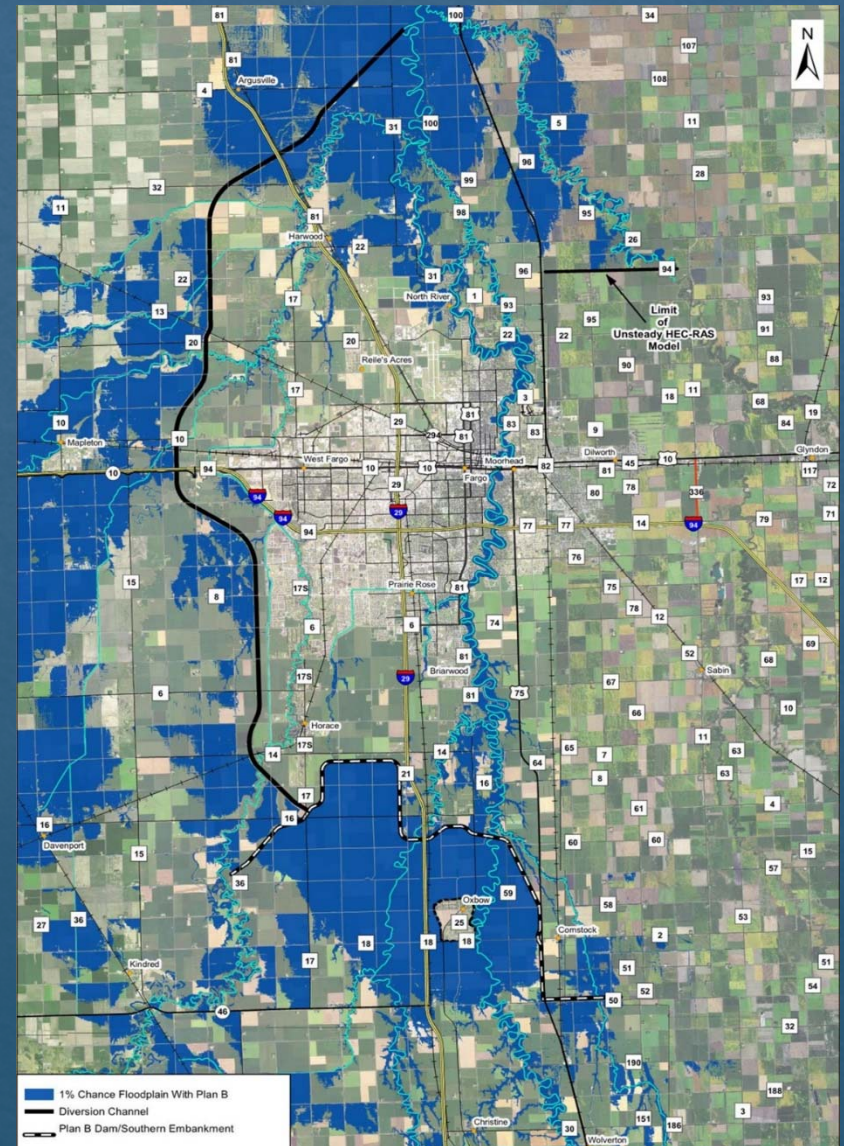


# FARGO-MOORHEAD METRO DIVERSION PROJECT

Existing Conditions – 100yr Flood

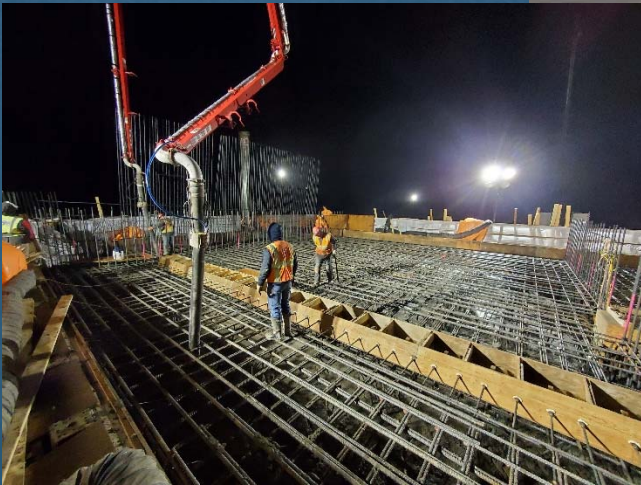


With Project – 100yr Flood



# FARGO-MOORHEAD METRO DIVERSION PROJECT

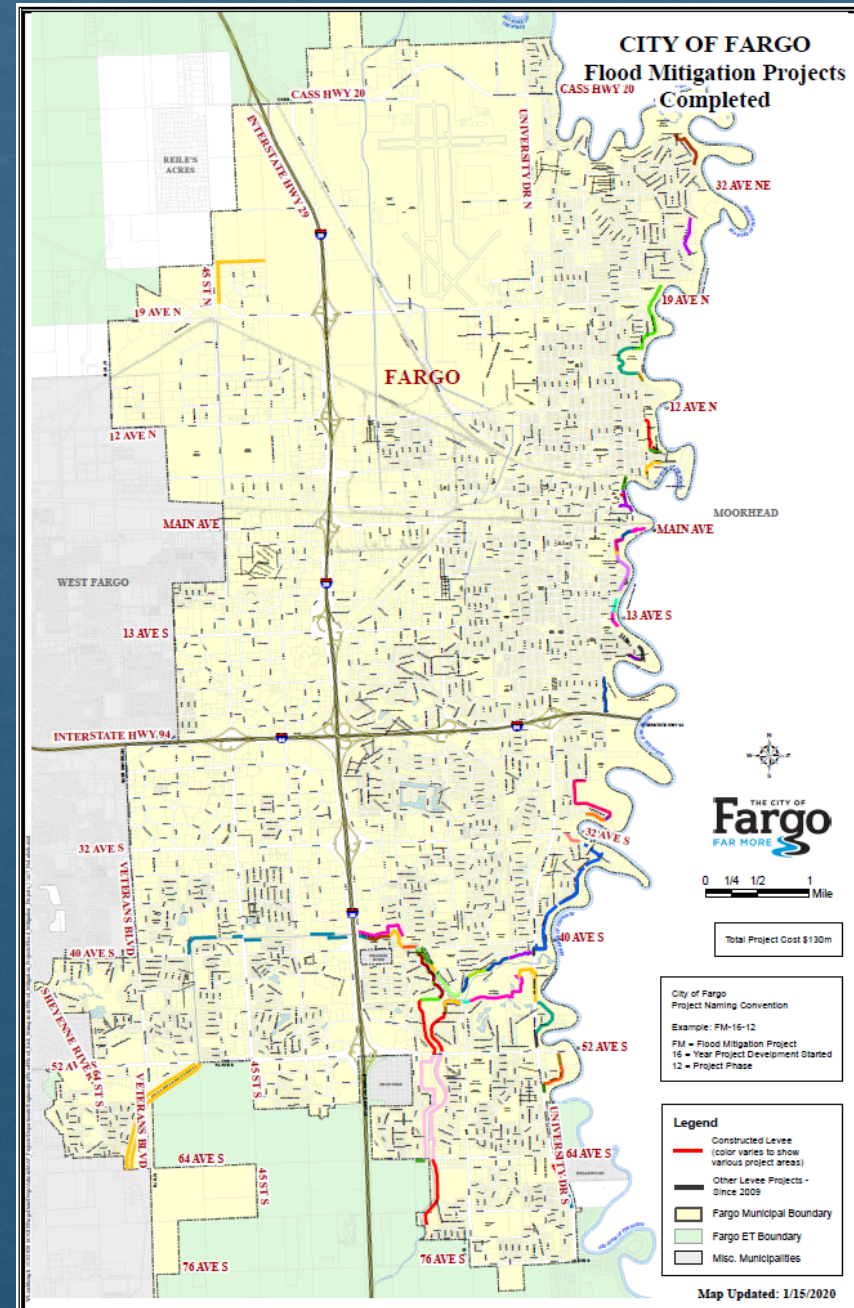
- Project Website: [fmdiversion.gov](http://fmdiversion.gov)
- USACE Ongoing Construction
  - Diversion Inlet Structure
  - Wild Rice Structure
  - Southern Embankment Reach 1
  - I29 Grade Raise
- Diversion Channel
  - Anticipated P3 Developer Selection in May 2021
- Planned to be Operational in Spring of 2027



# *In-Town Projects*

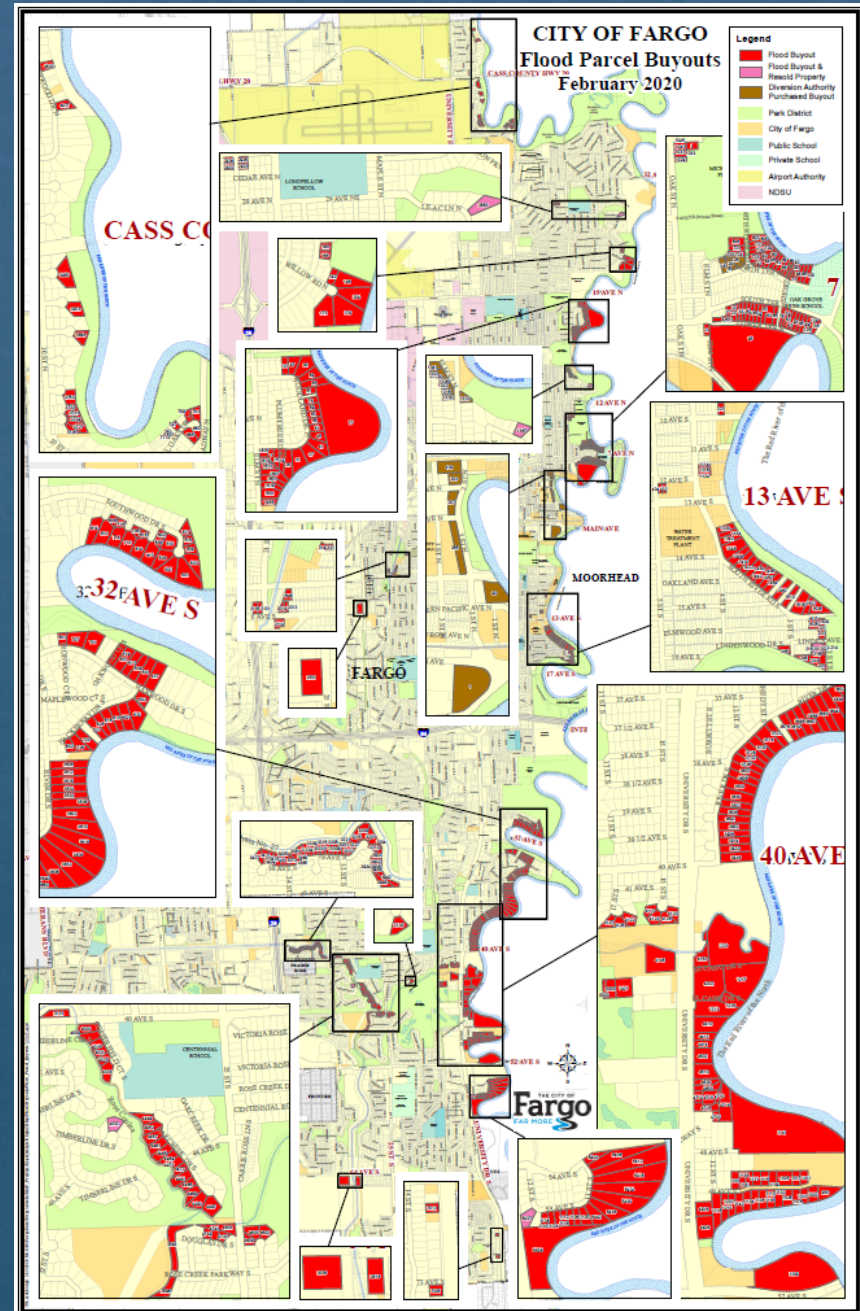
## PROJECTS COMPLETED SINCE 2009

- 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



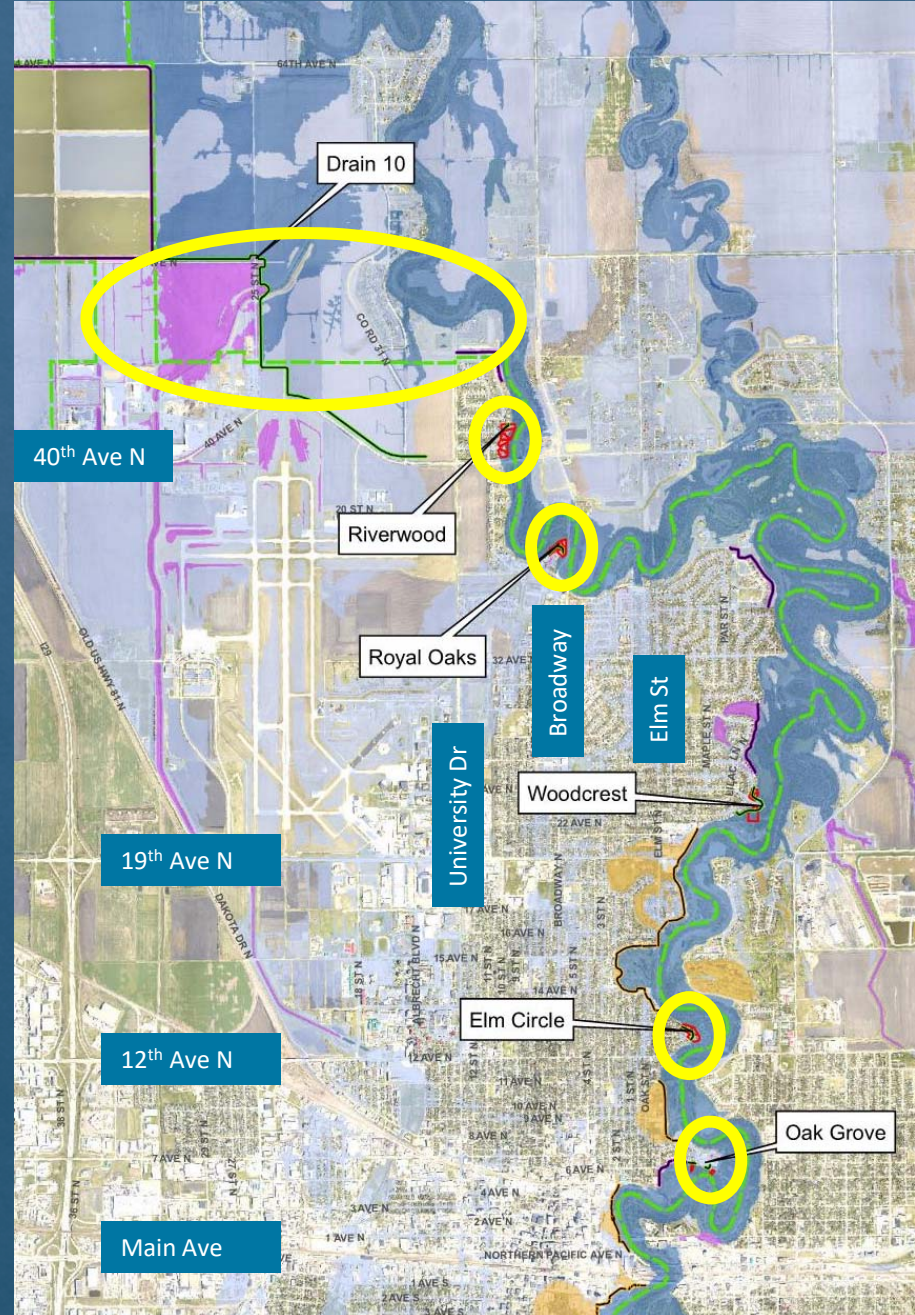
# PROJECT ACQUISITIONS SINCE 2009

- 257 Properties Purchased
  - Over 400 since 1990
- At cost of approximately \$107 million
- Over 90 private property easements



# 2021 IN-TOWN LEVEE CONSTRUCTION

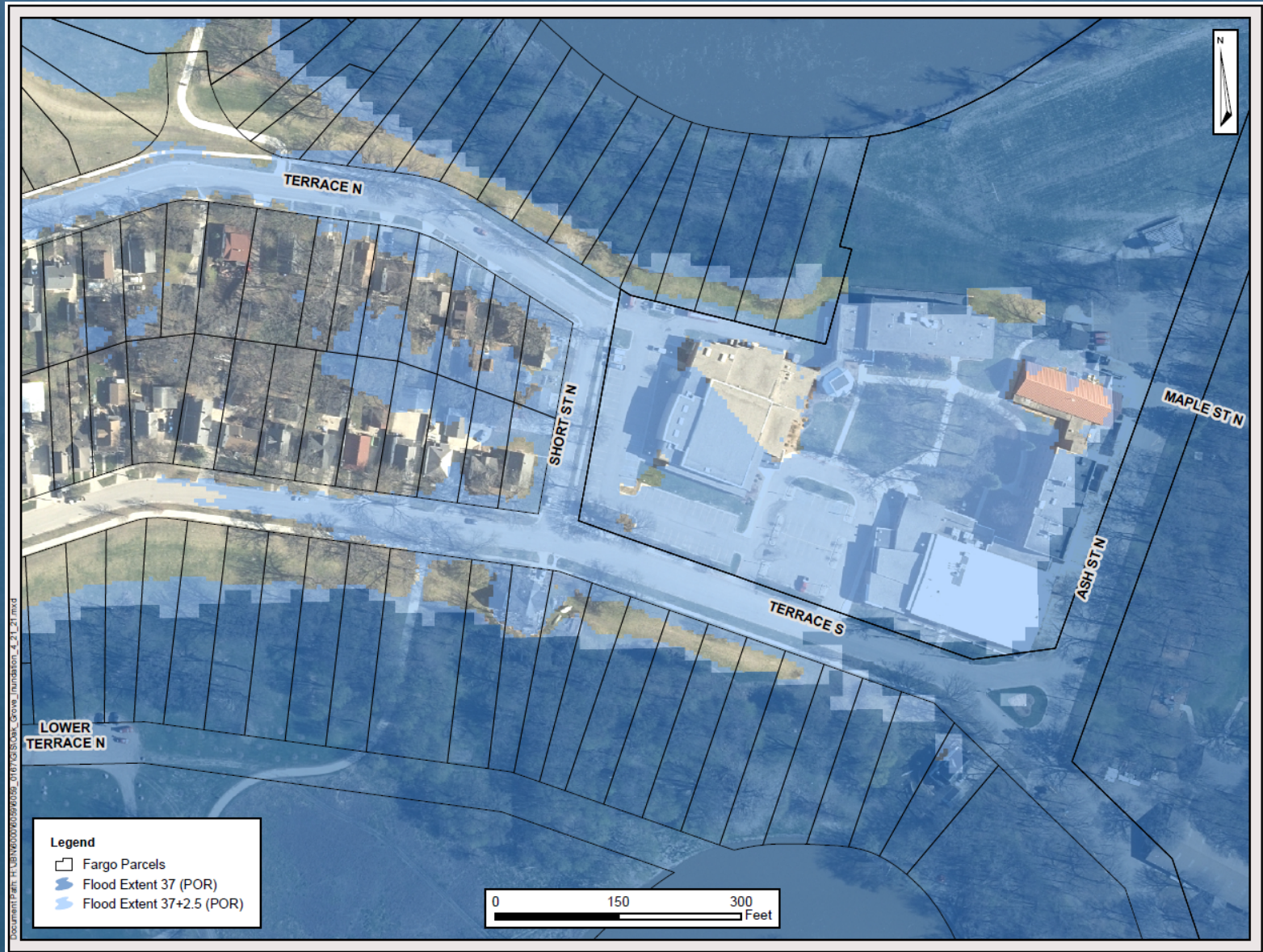
- Drain 10/North of the Airport
- Riverwood Addition
- Royal Oaks Drive Area
- Elm Circle Area
- Oak Grove Area



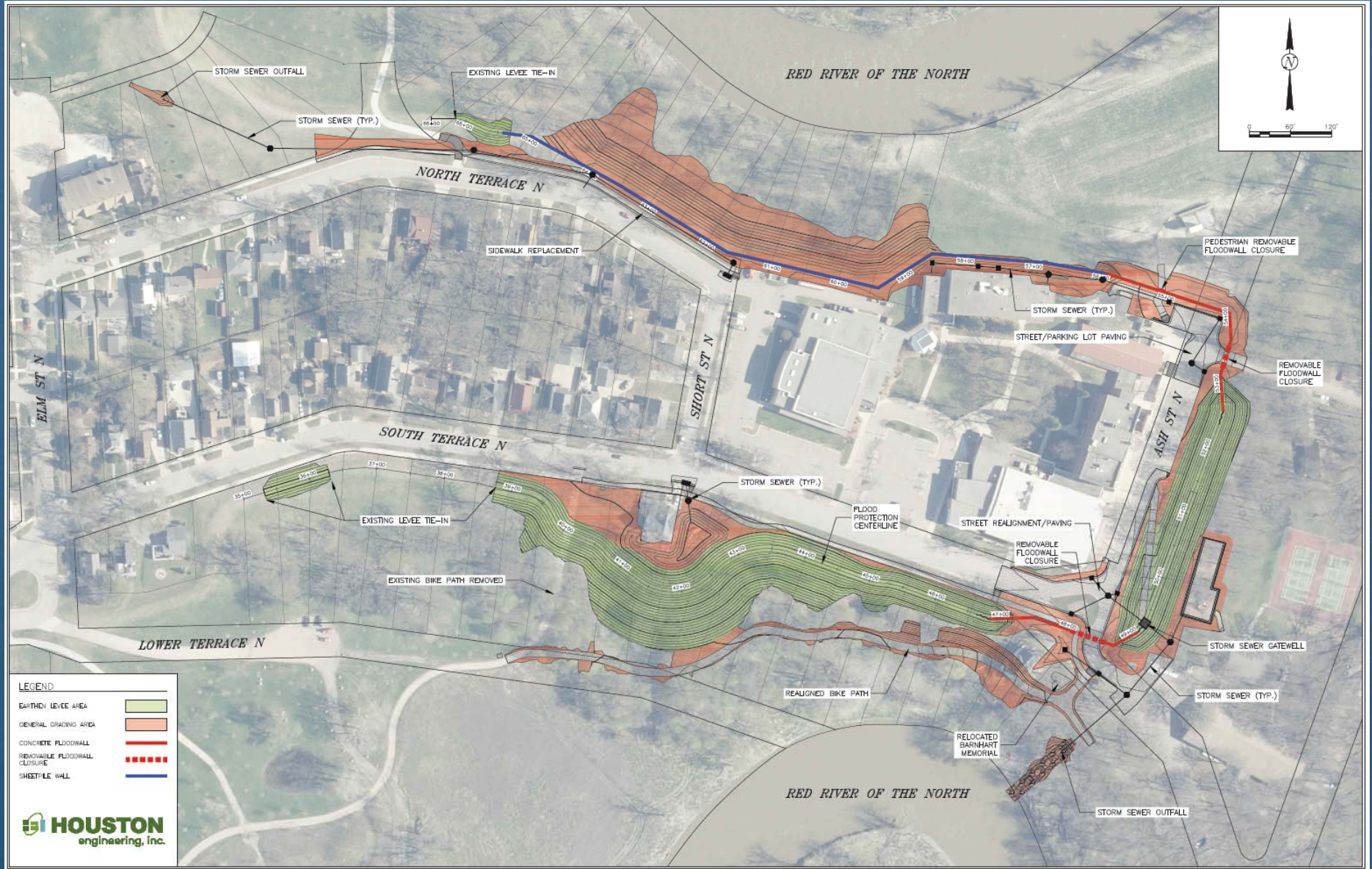
A photograph showing a flooded area next to a brick building. A wooden barrier is lined with white sandbags, and a large pile of dark, wet mud is in the foreground. The water is murky and reflects the sky. Bare trees are visible in the background under an overcast sky.

# *Oak Grove Flood Risk Management Project*

# OAK GROVE FLOOD RISK MANAGEMENT PROJECT

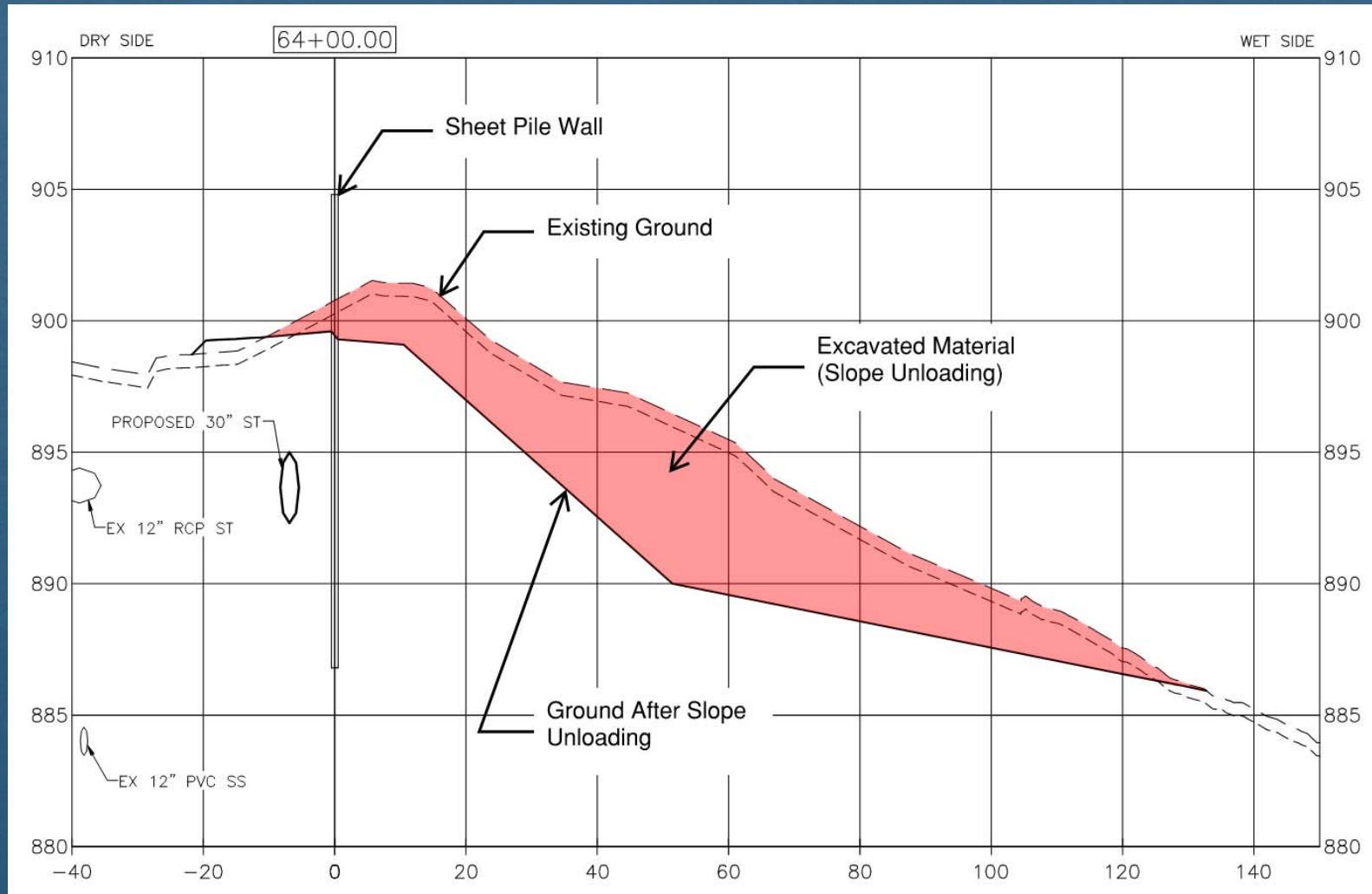


# OAK GROVE FLOOD RISK MANAGEMENT PROJECT

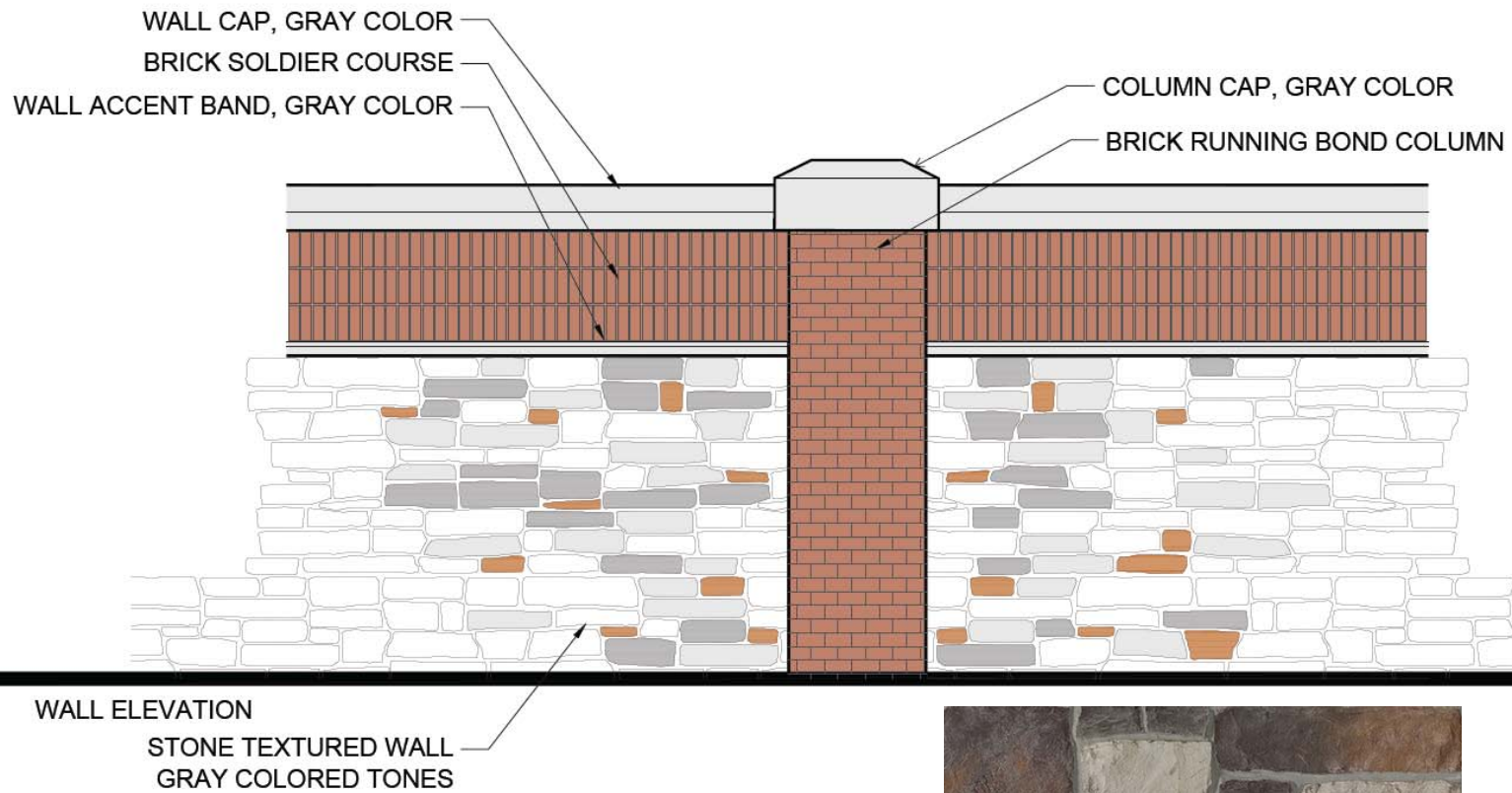


# PROJECT DESIGN

- Slope Unloading Cross-Section



# FLOODWALL APPEARANCE



## REMOVABLE FLOODWALL APPEARANCE



## PROJECT CONSTRUCTION TIMELINE

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- 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 3<sup>rd</sup>, 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 15<sup>th</sup>, 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

# Questions