

A scenic sunset over a frozen body of water. The sun is low on the horizon, casting a warm orange glow across the sky and reflecting on the ice. Bare trees and a building are visible in the background. A blue semi-transparent banner is overlaid on the image.

OCTOBER 5, 2020 COMMISSION MEETING

- Update on In-Town Projects
- Oak Grove Neighborhood Alignment

A scenic landscape featuring a river in the foreground, surrounded by trees with vibrant autumn foliage in shades of yellow, orange, and red. The sky is a clear blue with a few wispy clouds. A semi-transparent blue banner is overlaid across the middle of the image, containing the text "COMPLETED PROJECTS" in white, bold, sans-serif capital letters. The river flows from the left towards the center, with a rocky shoreline in the lower right foreground. The trees line both banks of the river, creating a picturesque autumn scene.

COMPLETED PROJECTS

PROJECT ACQUISITIONS SINCE 2009

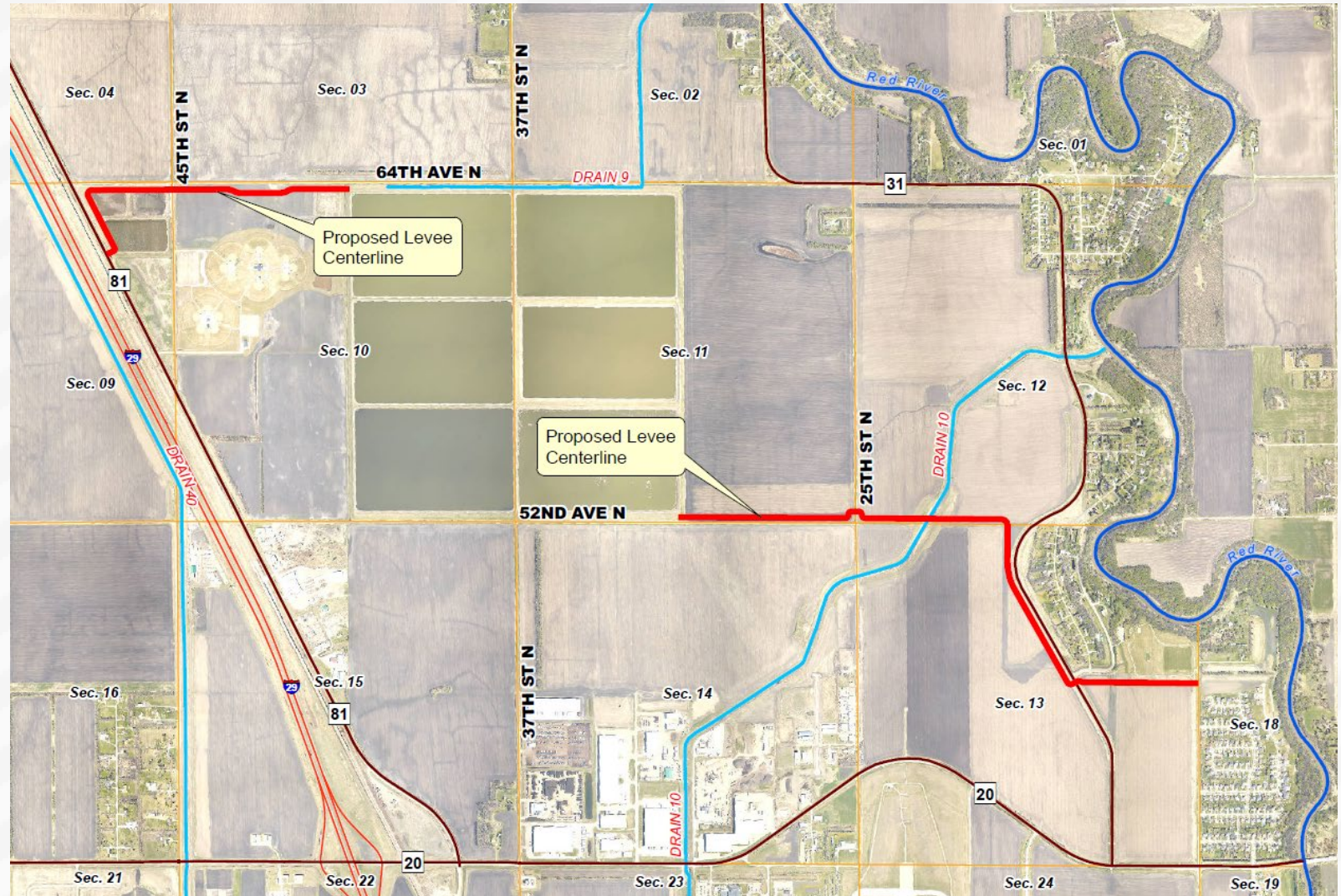
- 254 Properties Purchased
 - Over 380 since 1990
- At Cost of Over \$105 million
- Approximately 90 Private Property Easements Purchased
- Remaining Acquisitions
 - 9 Complete Property Acquisitions
 - 30 Levee Easements



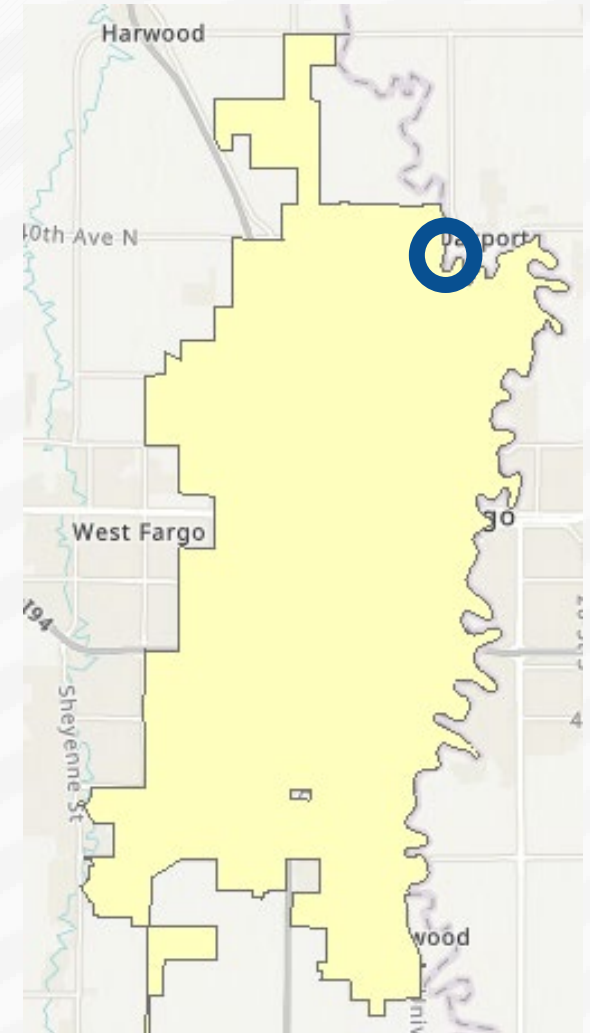
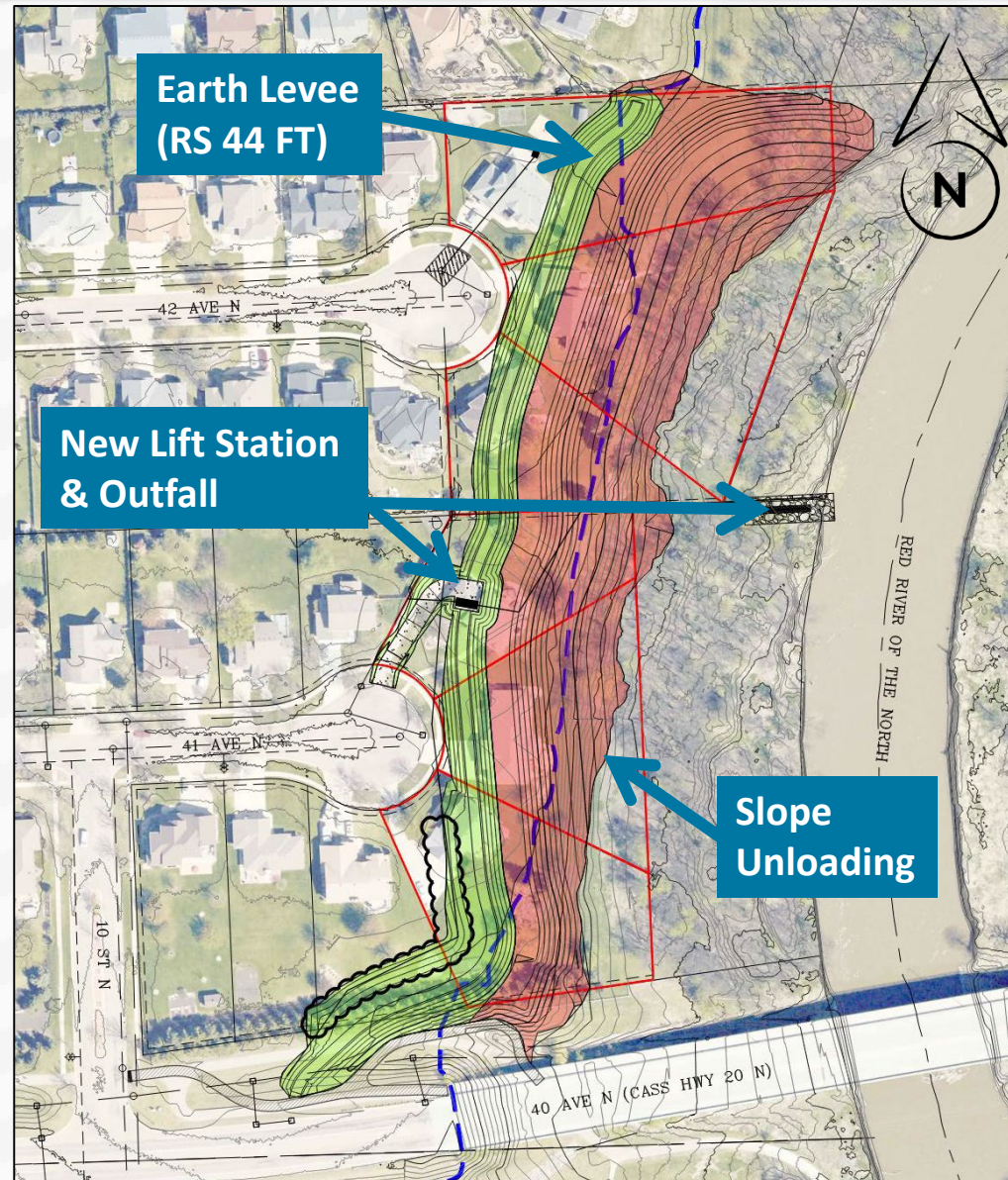
A scenic sunset over a frozen body of water, likely a lake or river. The sun is low on the horizon, casting a warm orange glow across the sky and reflecting on the ice. In the background, a city skyline is visible, including a prominent tall building. Bare trees line the shore, and their silhouettes are reflected in the water. A blue semi-transparent banner is overlaid on the right side of the image, containing the text "REMAINING IN-TOWN PROJECTS" in white capital letters.

REMAINING IN-TOWN PROJECTS

- Construction started this past September
- Levee & STS lift station to be operational for 2022 spring melt

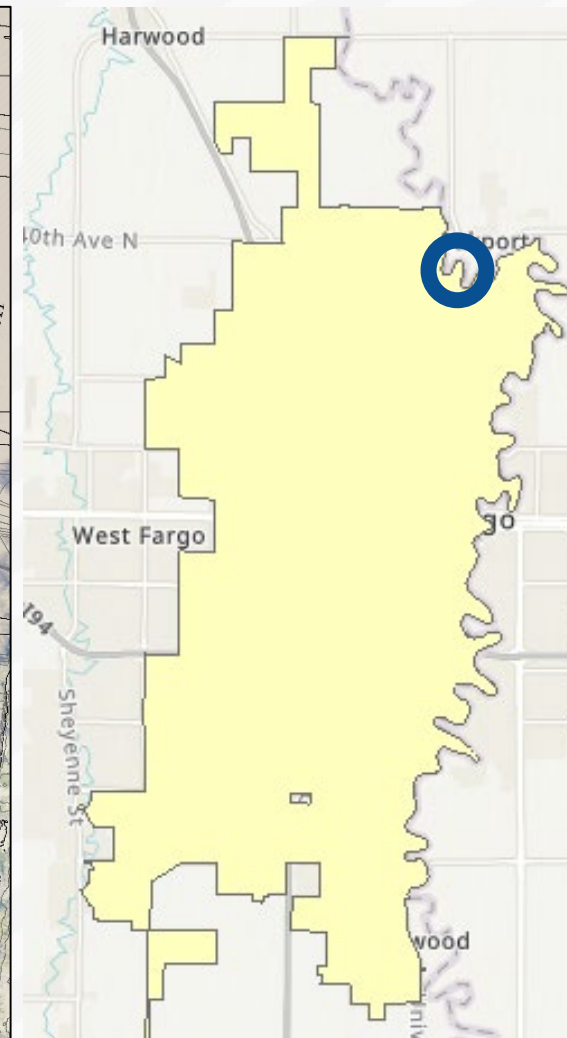
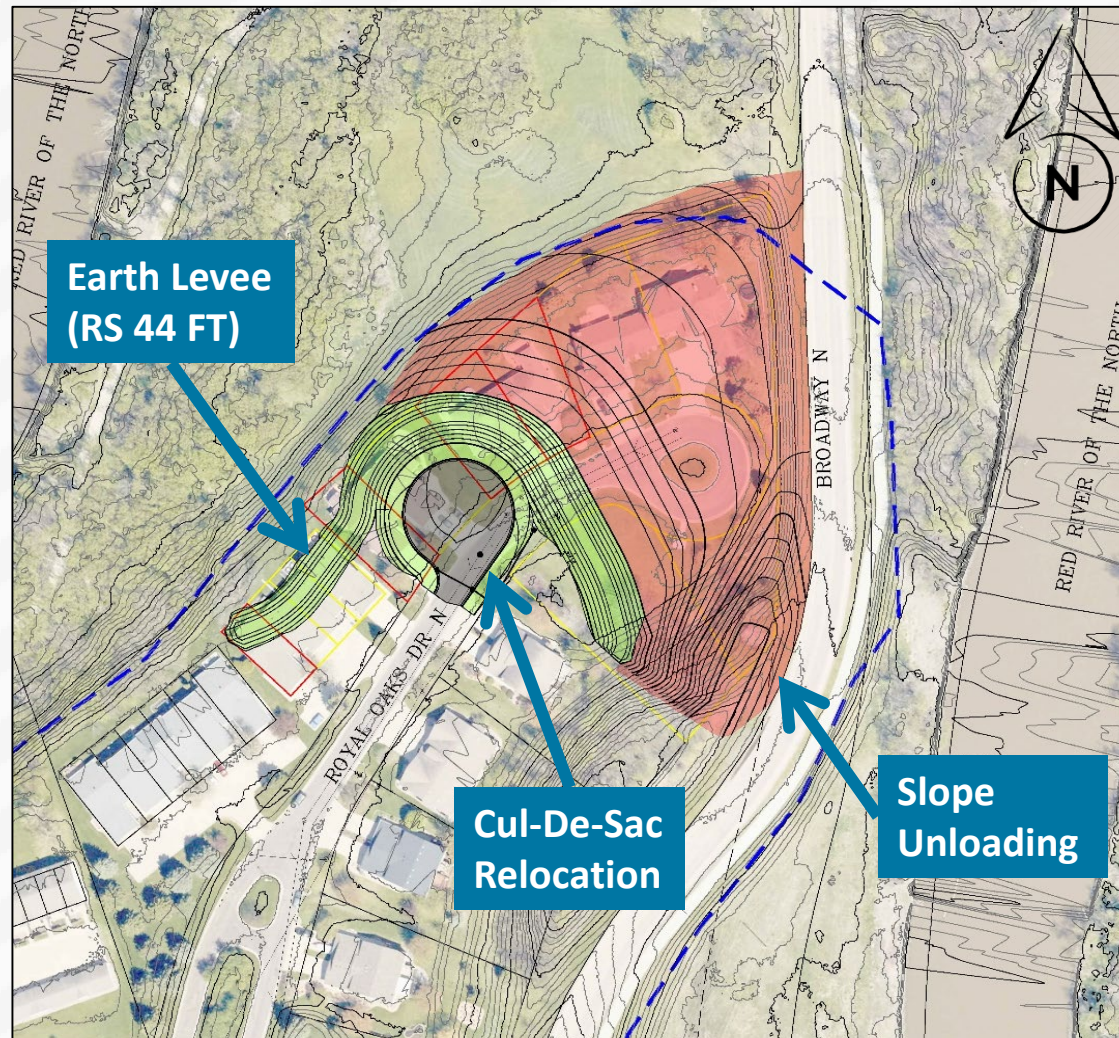


- Planned for 2021 construction
- 1 acquisition remaining
 - 5 acquisitions completed
- 4 levee easements necessary

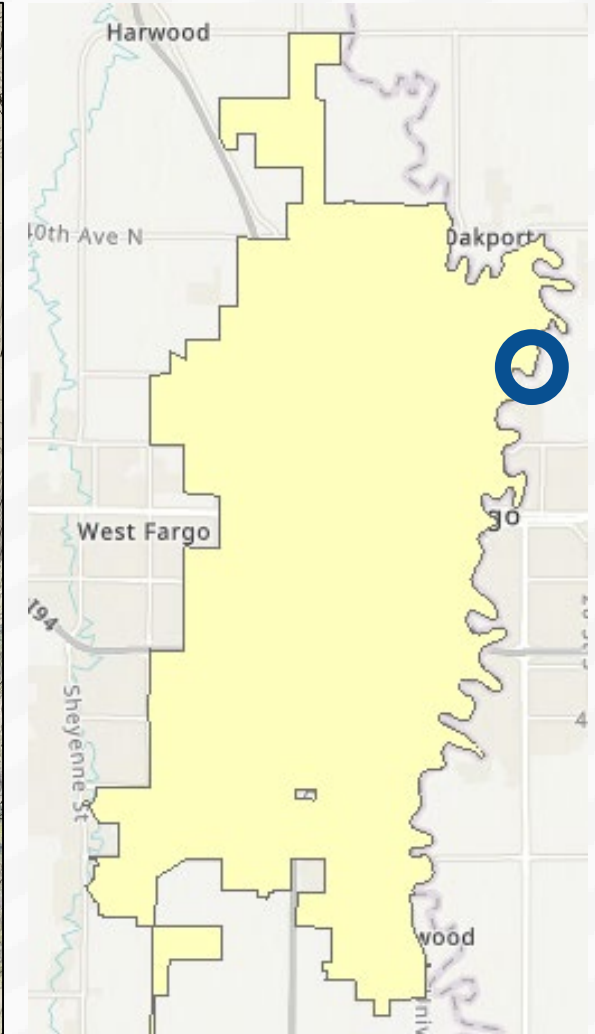
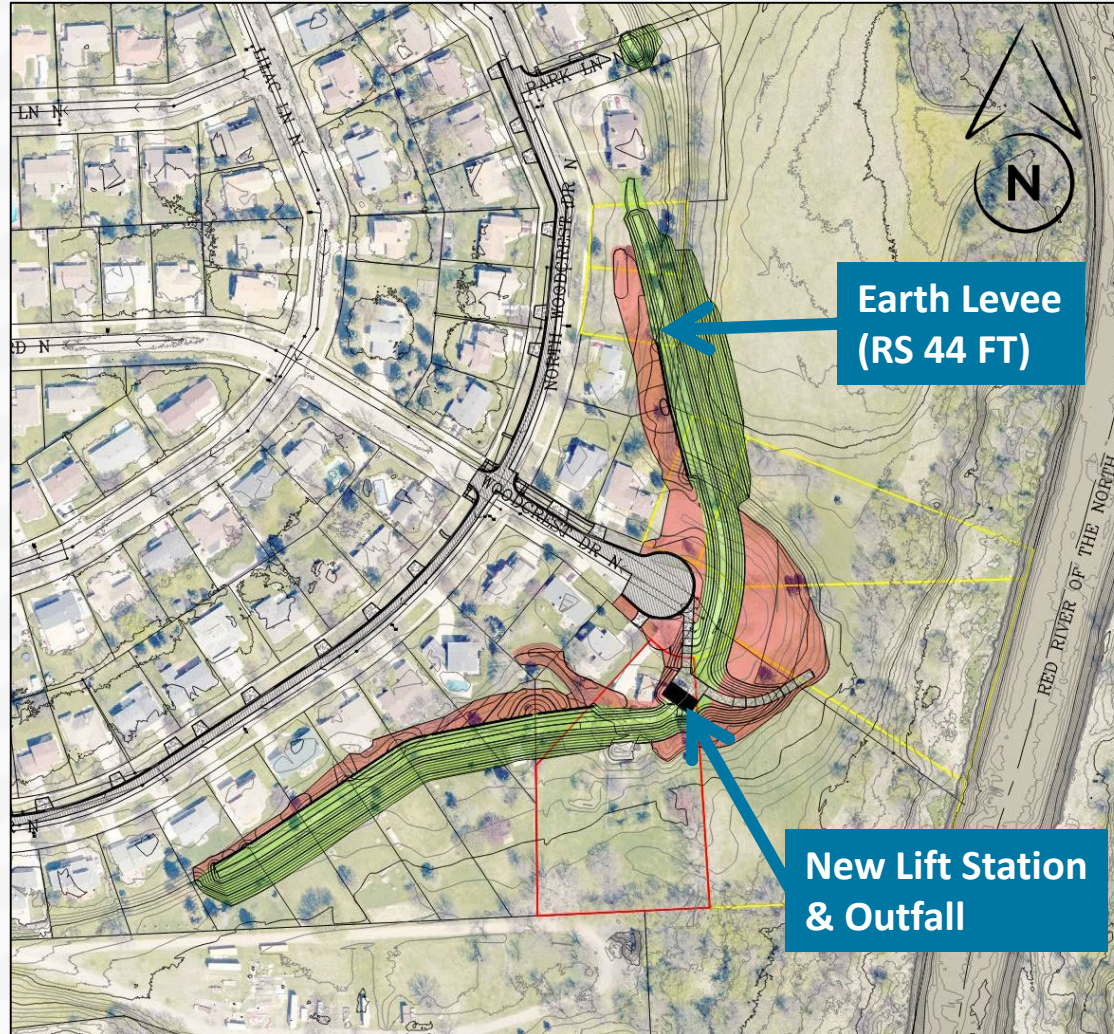


ROYAL OAKS DRIVE AREA

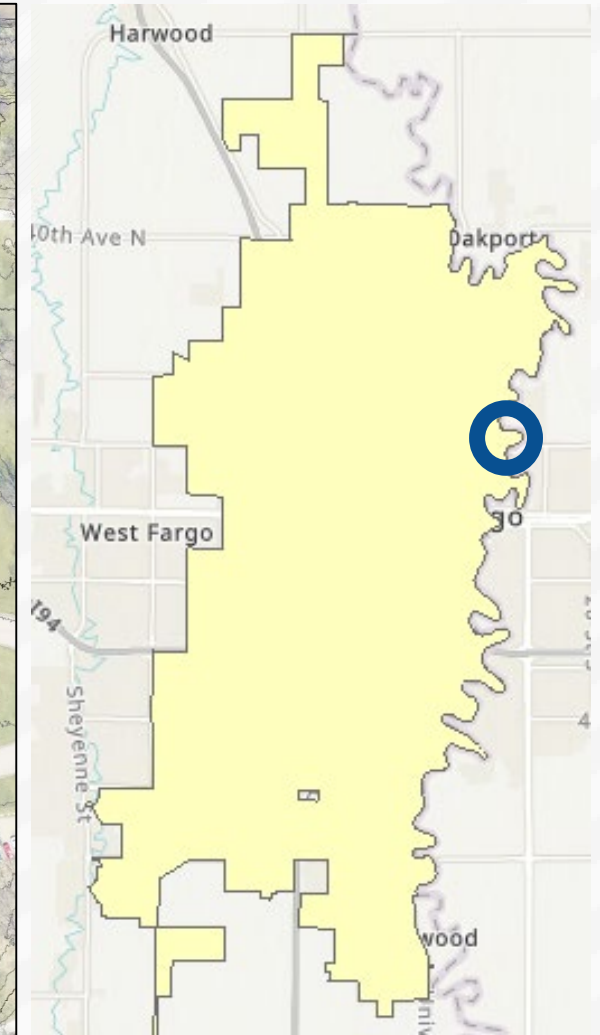
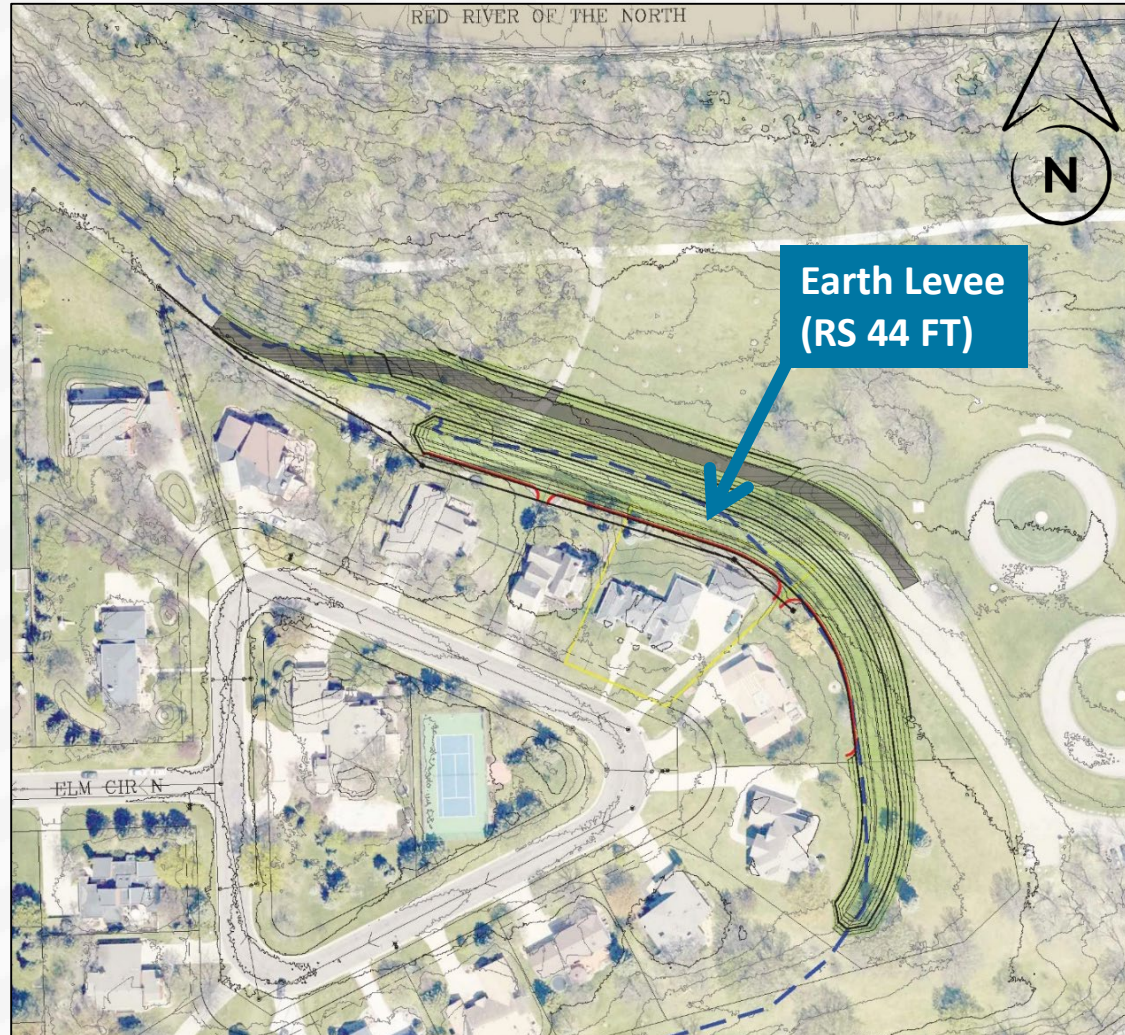
- Planned for 2021 construction
- 2 acquisitions remaining
 - 10 acquisitions completed
- 1 levee easement necessary



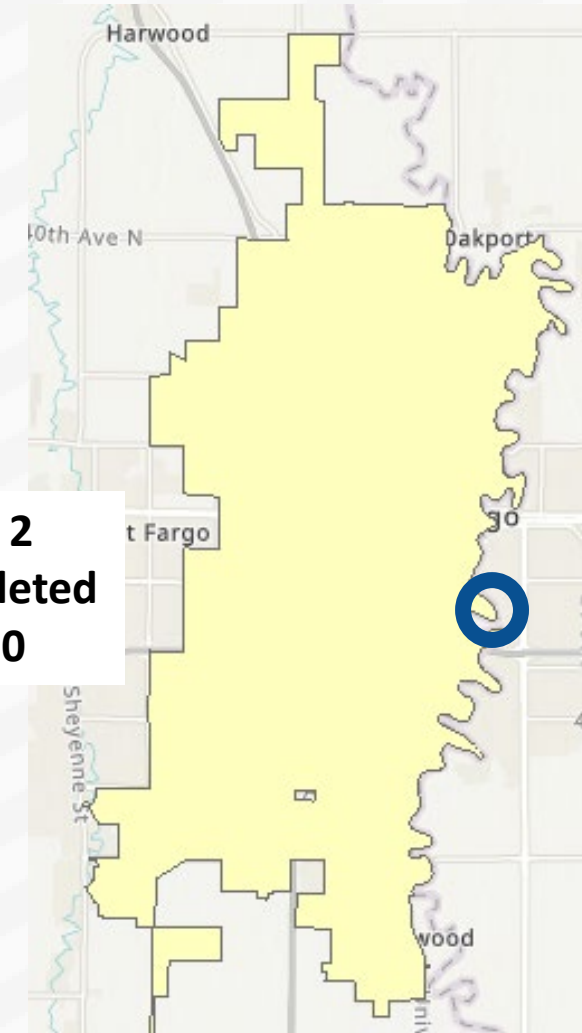
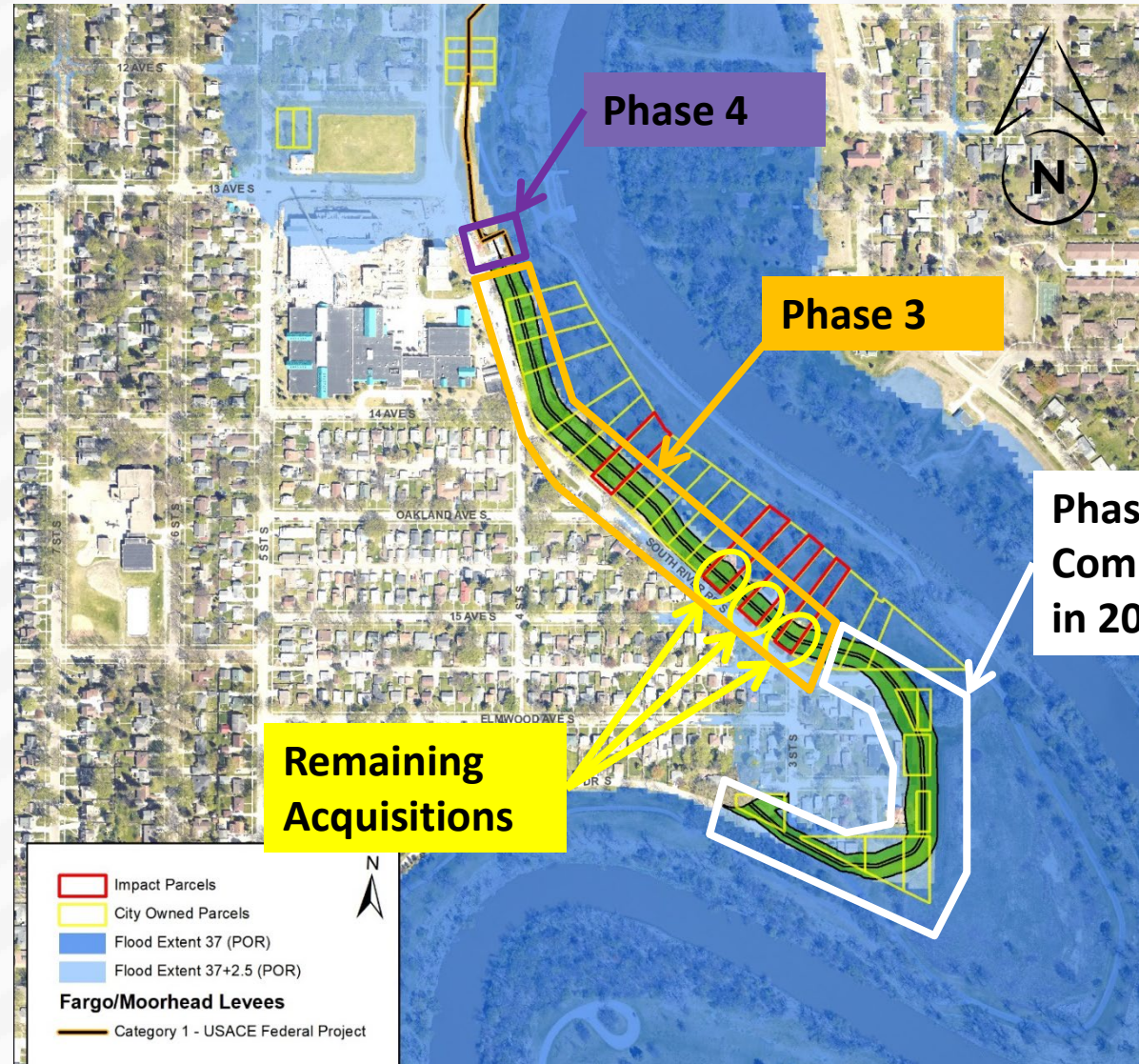
- Planned for 2022 construction
- Full property acquisitions completed
- 10 levee easements necessary



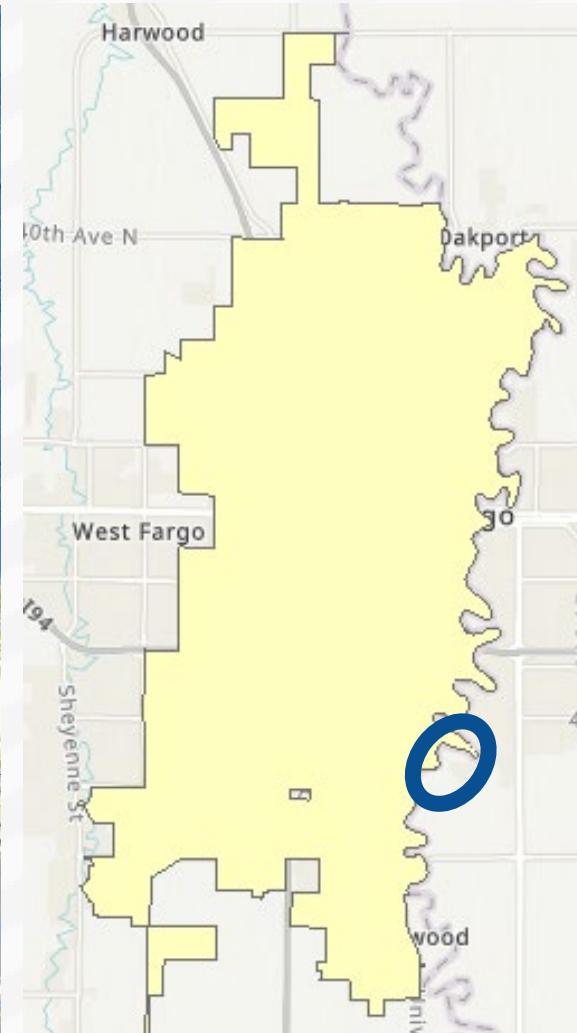
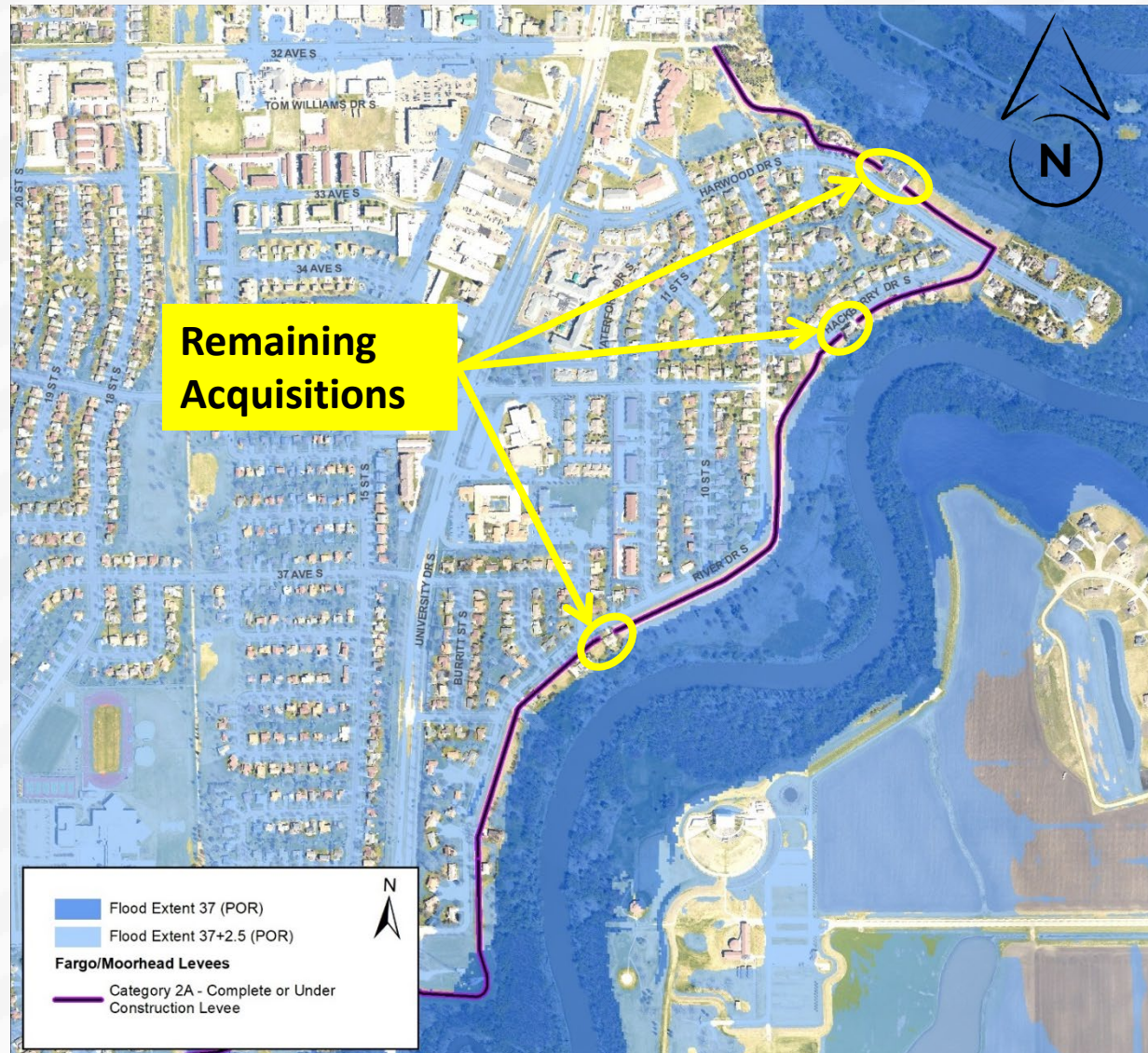
- Planned for 2021 construction
- Full property acquisitions completed
- 5 levee easements necessary



- Phase 2
 - Completed this summer
- Phase 3
 - 3 Acquisitions Remaining
 - Alignments being developed
 - Construction Tentatively Set for 2022
- Phase 4
 - Water Intake Building Modifications
 - PDM Grant Awarded
 - Construction planned for 2021

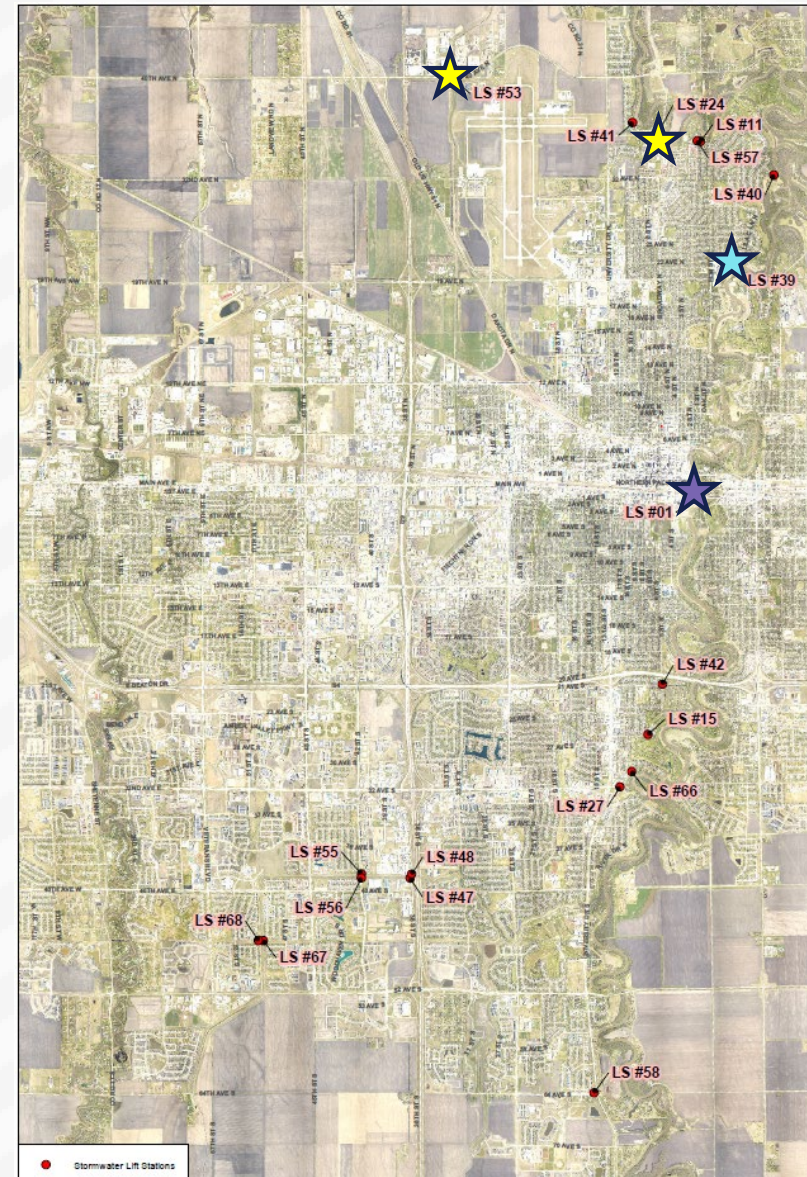


- Phase 3
 - 3 acquisitions remain to complete entire neighborhood
 - Negotiations are ongoing
 - Resolution of Necessity's approved by City Commission on March 27, 2017
 - No tentative construction timeline



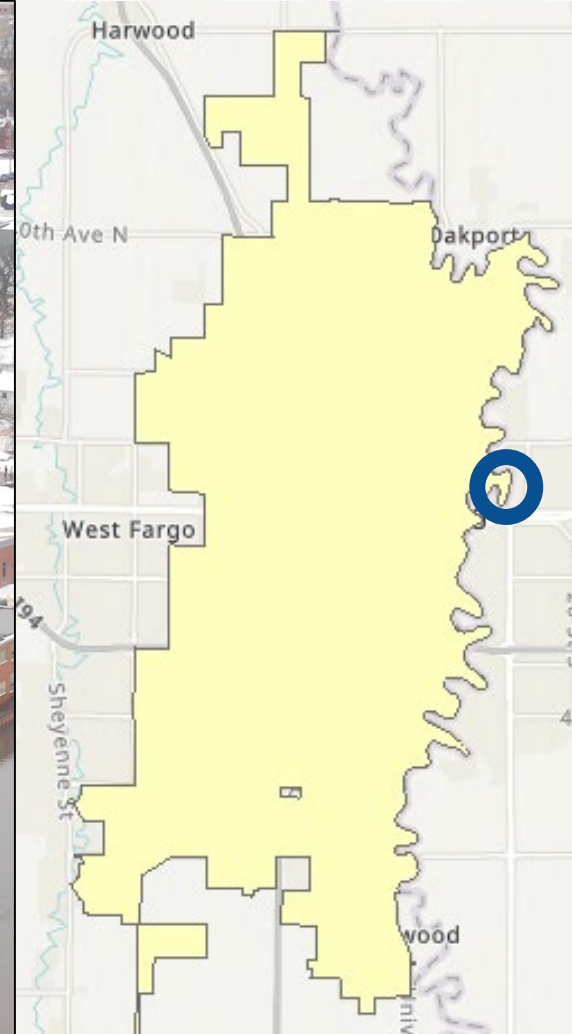
- 19 planned for reconstruction or improvements
 - 1 – Completed
 - 2 – Construction Ongoing
 - 1 – Design Underway
- Plan for minimum of 3 completed per construction season starting in 2022

- ★ Construction Completed
- ★ Construction Ongoing
- ★ Design Underway





OAK GROVE NEIGHBORHOOD

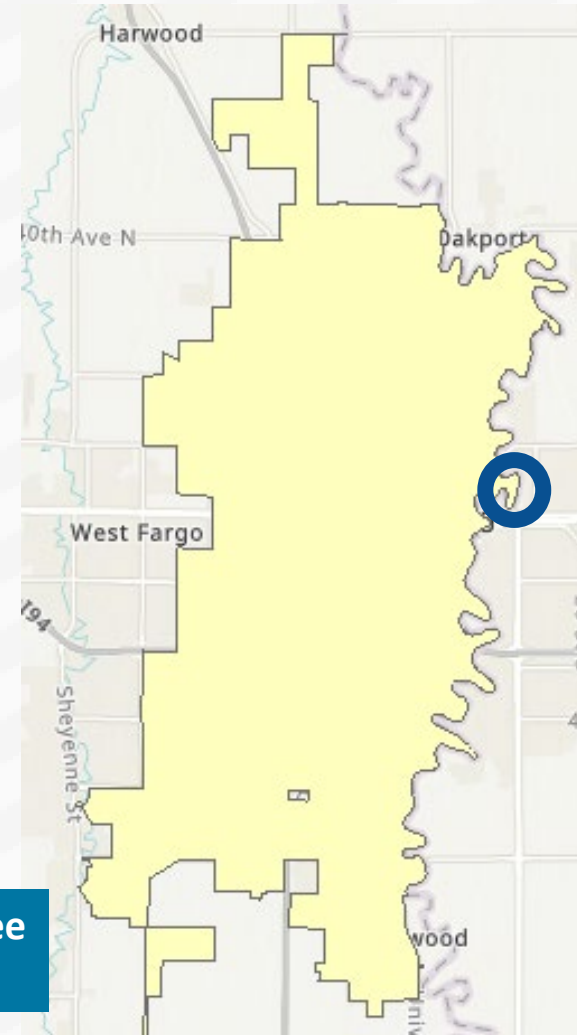
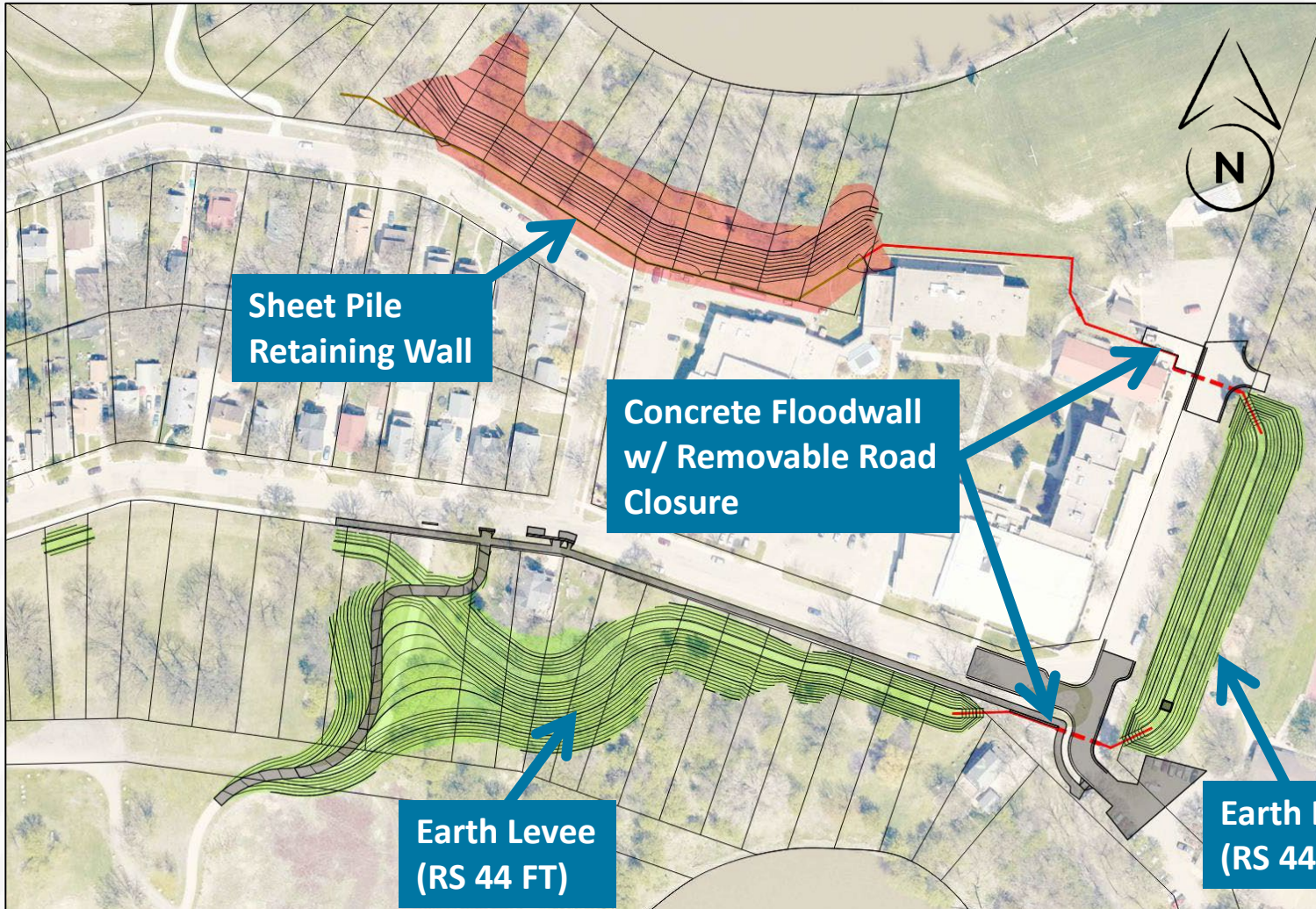


OAK GROVE “PLAN B” (37-FEET) – CONCEPTUAL PLAN

- Complete Property Acquisitions – 2
- Levee Construction on Property Acquisitions
- Road Raise on South Terrace
- Oak Grove School would remain and continue to be within 100yr floodplain.
 - Existing protection around school will protect against 37-foot floods but is not able to be accredited by FEMA



OAK GROVE RECOMMENDED PROJECT ALIGNMENT



“PLAN B” (37-FEET) CONCEPTUAL PLAN VS. RECOMMENDED PLAN COST COMPARISON

PROJECT NAME	CONSTRUCTION ESTIMATE (JULY 13, 2018)	CONSTRUCTION ESTIMATE (30% CONTINGENCY)
OAK GROVE	\$ 1,100,000	\$ 9,100,000



Recommended Motion:

Authorize Engineering to complete the final design on the recommended alignment, as shown, and to complete the necessary easement acquisitions presented for Project #FM-19-F, which are required to allow safe passage of 37-feet thru town on a 100-year flood event with the Fargo-Moorhead Area Diversion project in place.