



Tyler Coulee Stormwater Improvements

Project SE 576

Bismarck City Commission

Presentation – June 24, 2025

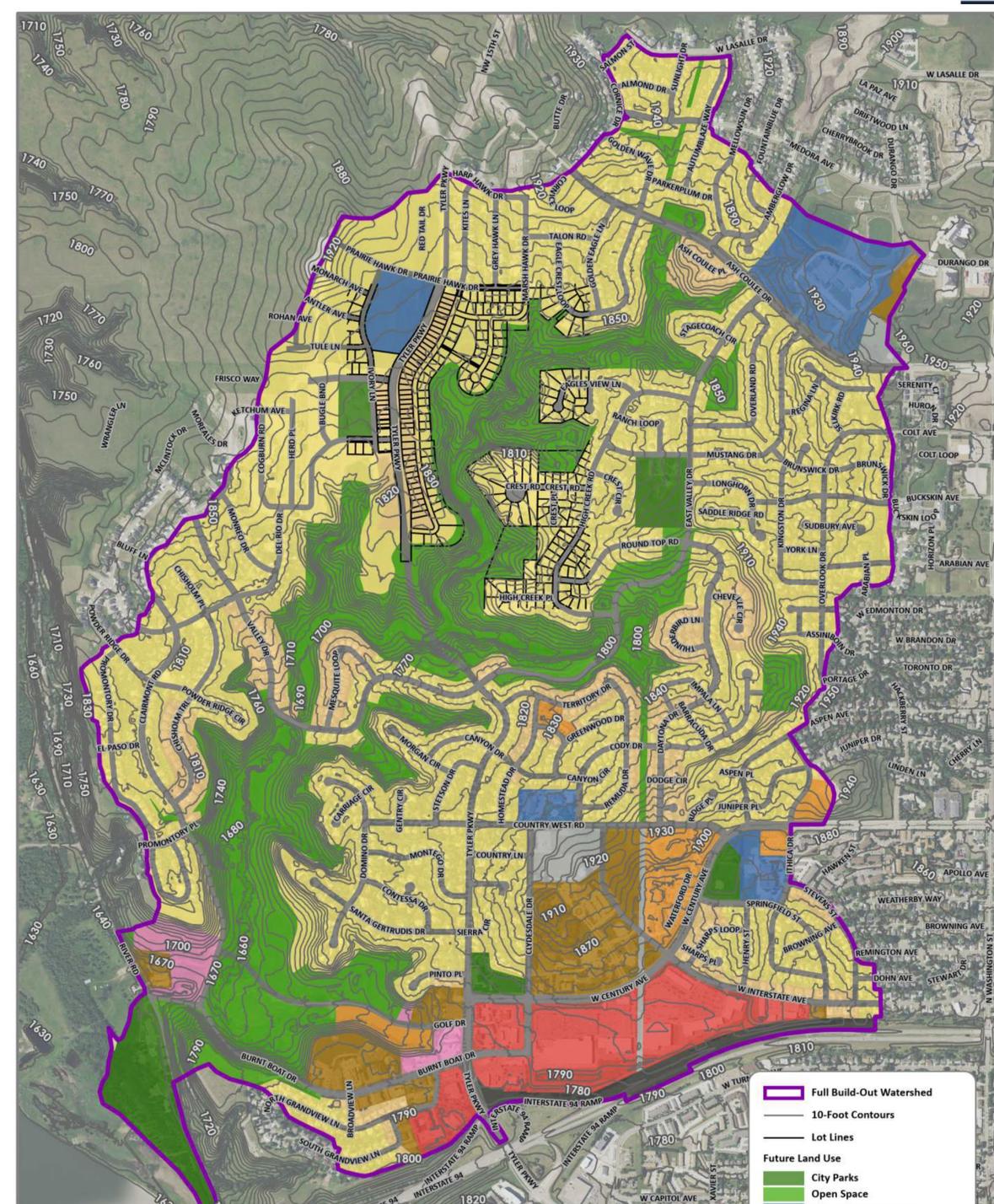
Gabe Schell, PE, City Engineer

# Presentation Goals

- Provide update on project
- Coordination with Tyler Parkway Extension Project
- Discussion on Public Communication

# Tyler Coulee Watershed

- Northwest Bismarck
- ~1,870 Acres
- Largely Developed
- Masterplans 2002, 2007, 2016
- Drains Through Pioneer Park to Missouri River



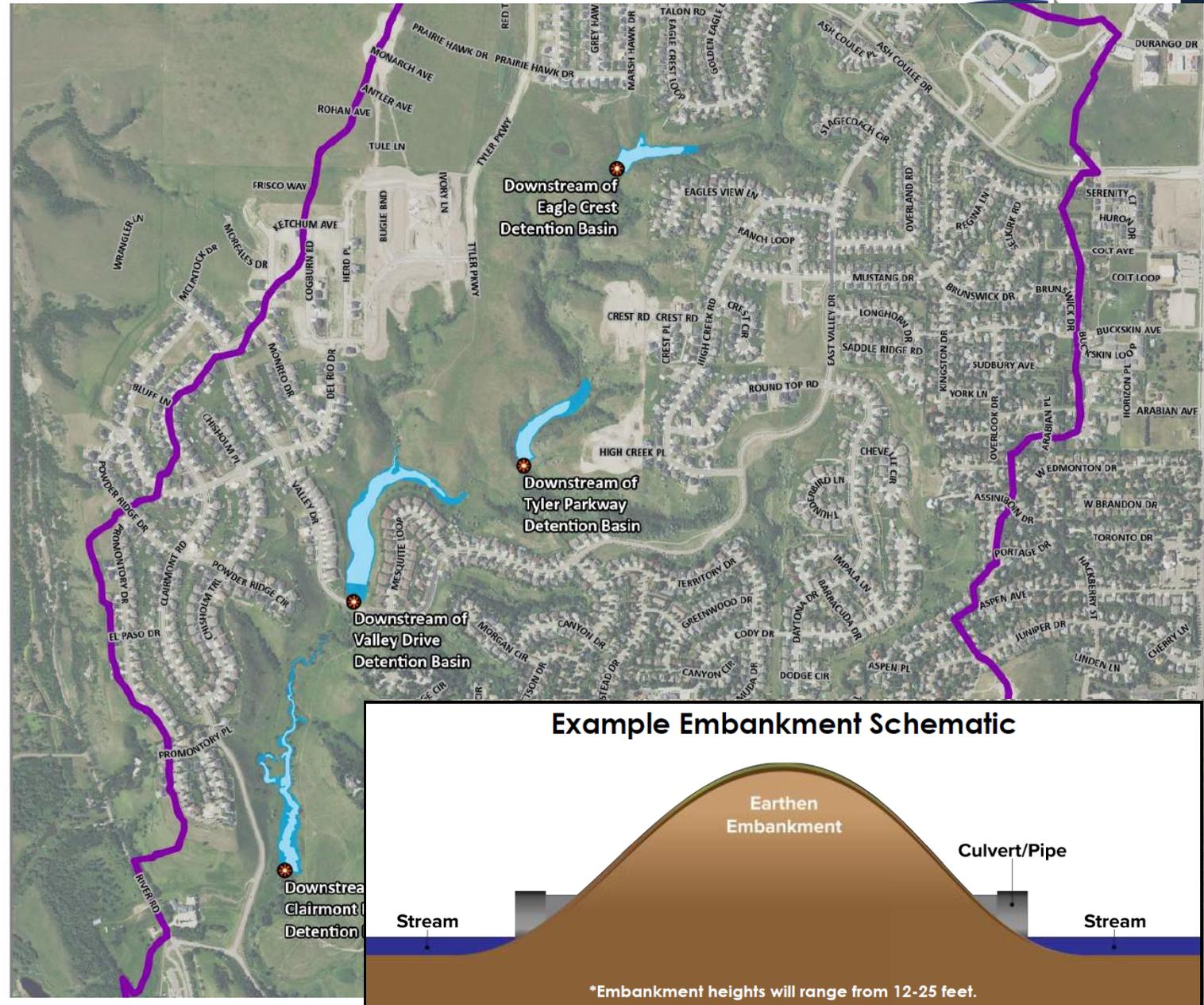
# Goals and Funding

- Eliminate High Hazard Dams
- Provide Peak Discharge Control
- Provide storm water quality treatment
- Funded through special assessment to properties within the watershed



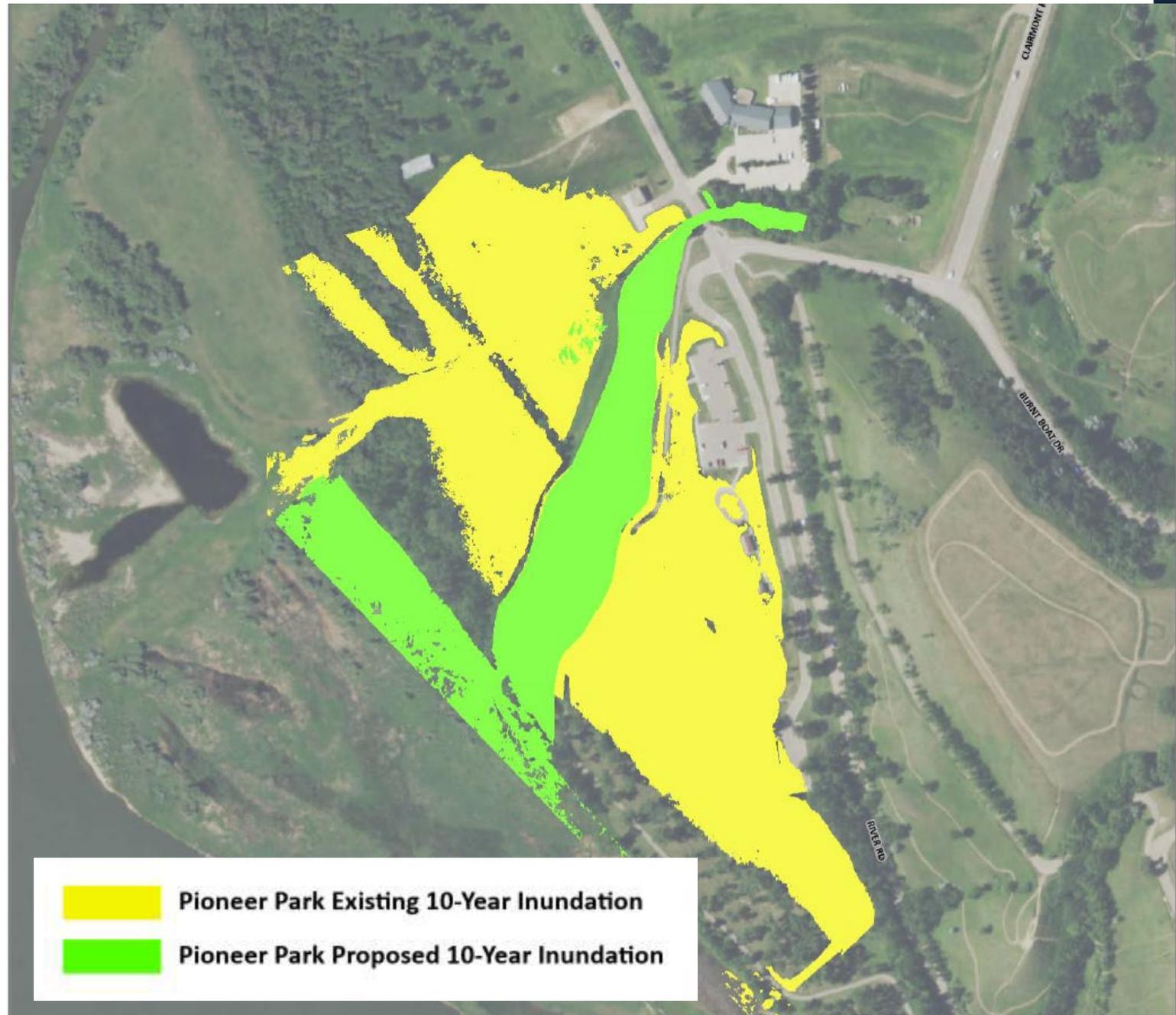
# Proposed Improvements

- Detain water behind new embankments (Clairmont Dr, Valley Dr, Tyler Parkway, Eagle Crest)
- Increase capacity of existing crossings (River Road, Clairmont Dr, Valley Dr)



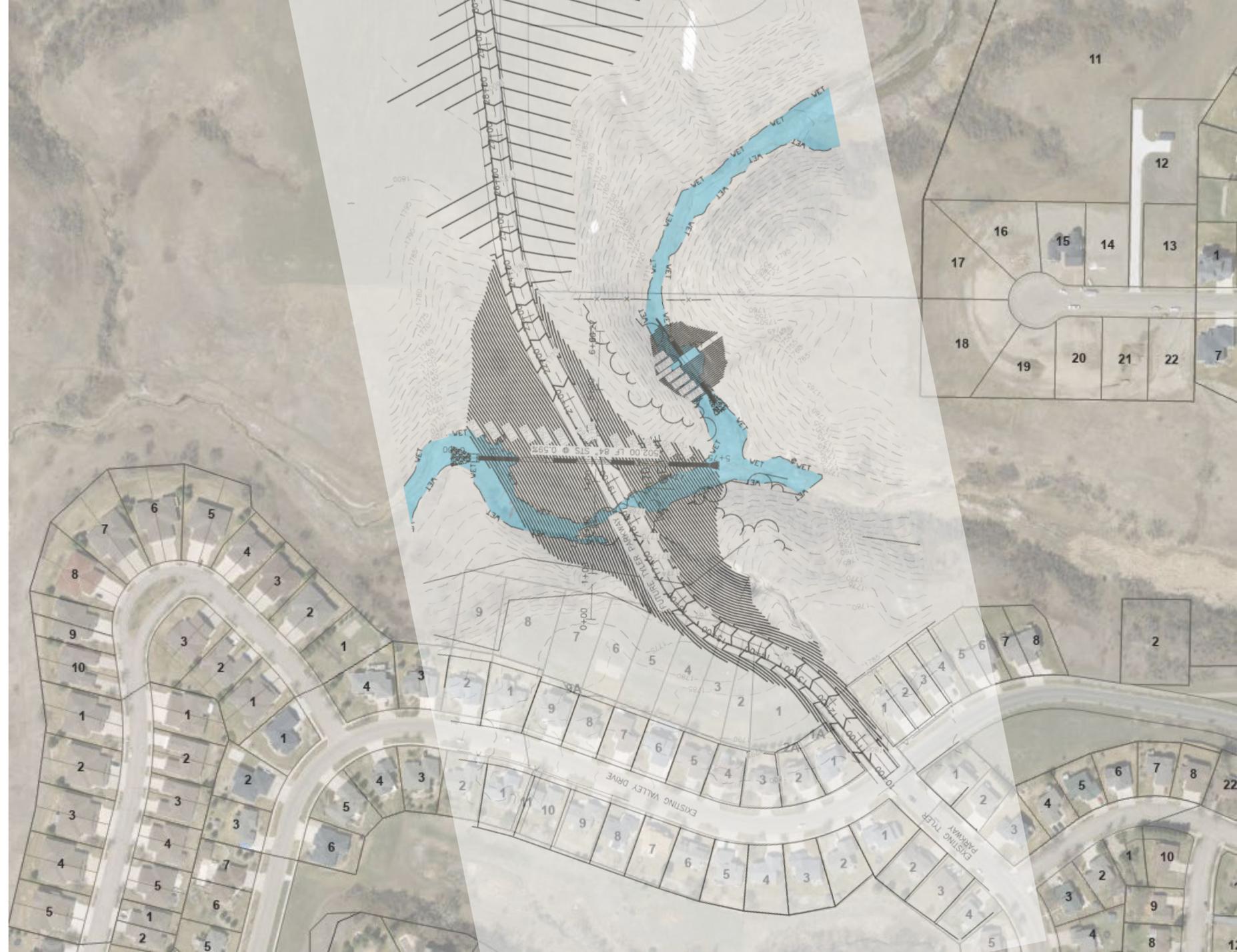
# Proposed Improvements

- Improve conveyance through Pioneer Park
- Berms approx. parallel to the existing shared-use path.



# Tyler Parkway Coordination

- Coordinating with design teams
- Elements to consider
  - Embankment
  - Access
  - Duration
  - Phasing



# Upcoming Items

- **Permitting**
  - US Army Corps of Engineers
- **Easement Acquisition**
  - Bismarck Parks and Recreation District
  - Private Landowners
- **Finalize Design**
- **Bid ready Fall 25/Winter 26**
- **Construction Anticipated 2026**

# Public Communication

- Website
- Direct Mailing to adjacent properties
- Future direct mailing to all properties within assessment boundary
- Other?

Tyler Coulee

Tyler Coulee is located in NW Bismarck and represents approximately 1,900 acres draining stormwater from River Road and Burnt Boat Road to west of Washington St and north of Ash Coulee Dr. See links below for current masterplan documents and Board actions and presentations.

- [2016 Storm Water Master Plan \(current adopted plan\)](#)
- [2016 Storm Water Master Plan City Commission Presentation](#)
- [2019 Management Plan City Commission Update Presentation](#)
- [2022 Bismarck Parks And Rec Presentation](#)
- [2020 City Commission Agenda Item Creating SE 576](#)
- [2023 FAQ Letter](#)

**Project Information Handout**  
**Tyler Coulee Storm Water Improvements**

**Bismarck ENGINEERING**

**THE WHAT?**  
This project consists of installing new regional stormwater detention facilities, road embankments and storm crossings, and improving the existing channel conveyance within the Tyler Coulee drainageway. Embankment locations and a schematic drawing are included in Figure 1.

**THE WHERE?**  
The project is located within the Tyler Coulee drainageway from River Road to Washington St.

detention and conveyance through the Coulee to alleviate erosion and the frequency of flooding downstream properties.

**THE WHEN?**  
Construction is anticipated to begin in 2024 pending permitting and favorable bids, and the project is expected to take 1-2 years.

**THE WHO?**

# Questions

