



K·FRIESE
+ ASSOCIATES
PUBLIC PROJECT ENGINEERING



City of Rollingwood
Rollingwood Park Drainage Concerns

May 15, 2024

OVERVIEW



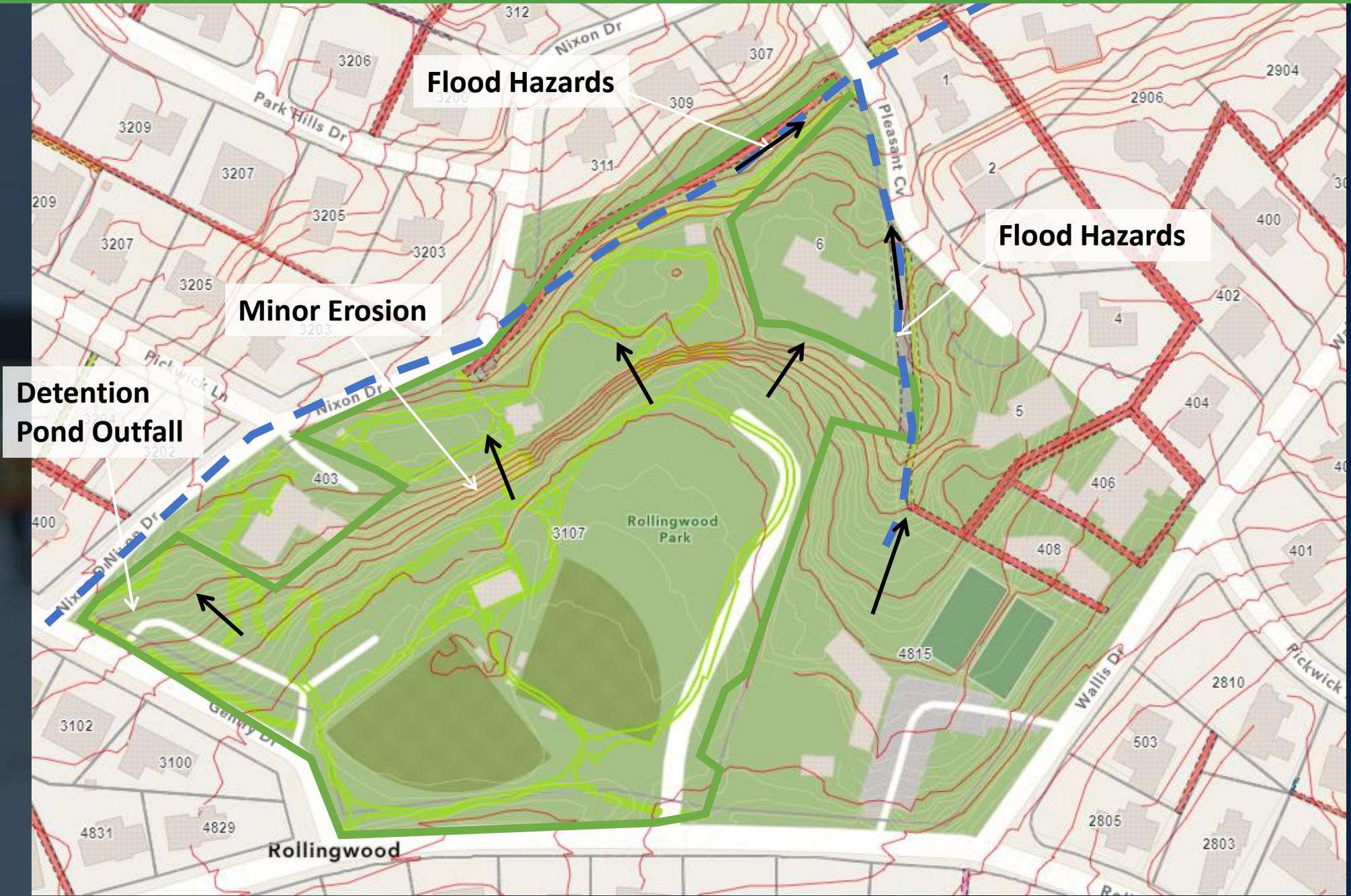
Presentation outline

- **Project Location Overview**
- **Understanding the Problem**
 - Review of known issues
- **Cost-Benefits Discussion**
 - **Option 1 (\$):** Hire a landscape contractor to address minor concerns; *Low cost, provides immediate benefits*
 - **Option 2 (\$\$\$):** Perform a detailed engineering study and then design to address bigger flood risk concerns; *High cost, major impacts to park, long timeline*
- **Discussion**

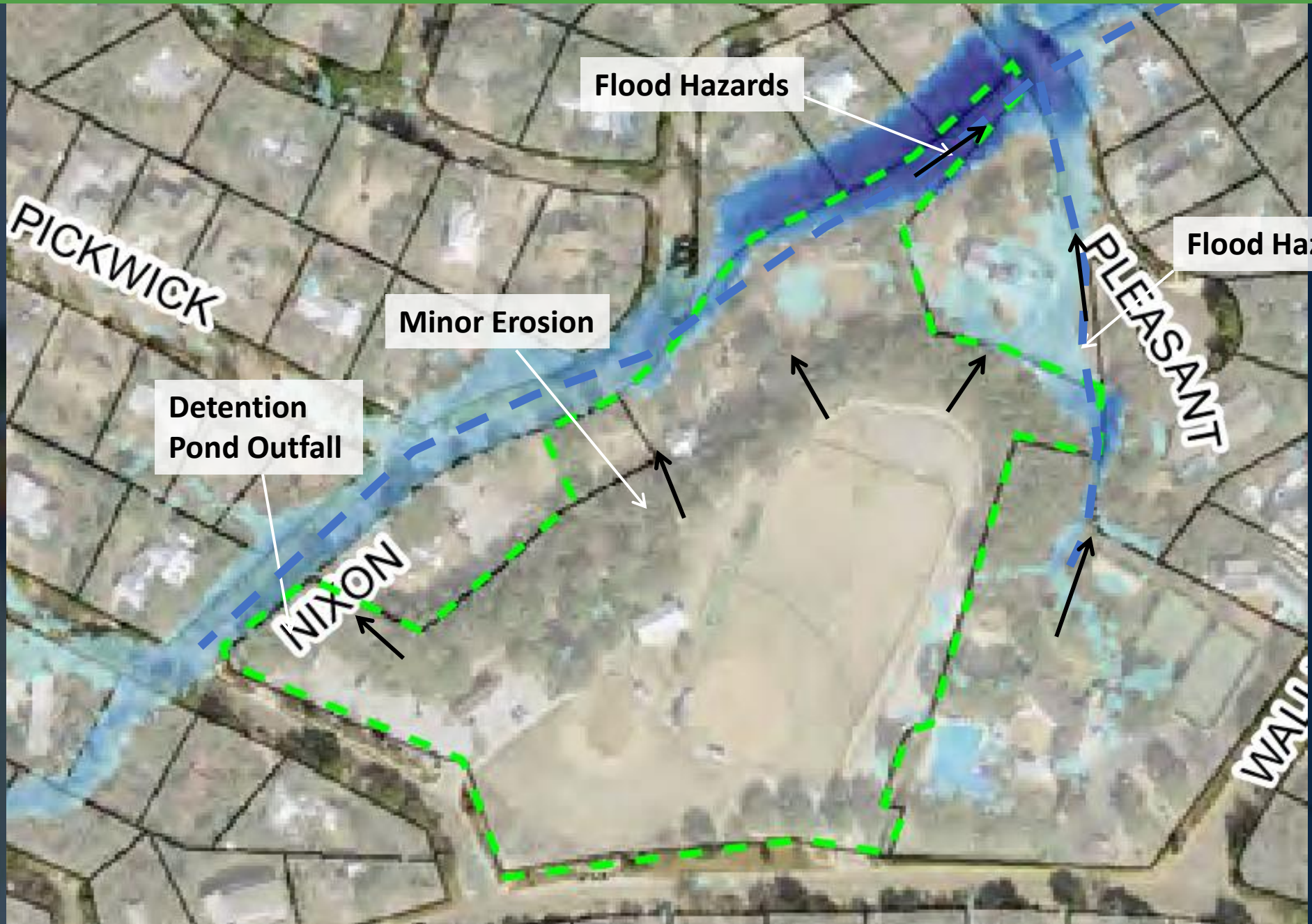
Understanding the Problem – Aerial Imagery



Understanding the Problem – Topography



Understanding the Problem – Infrastructure Improvement Plan Flood Mapping Results



Understanding the Problem – Photos

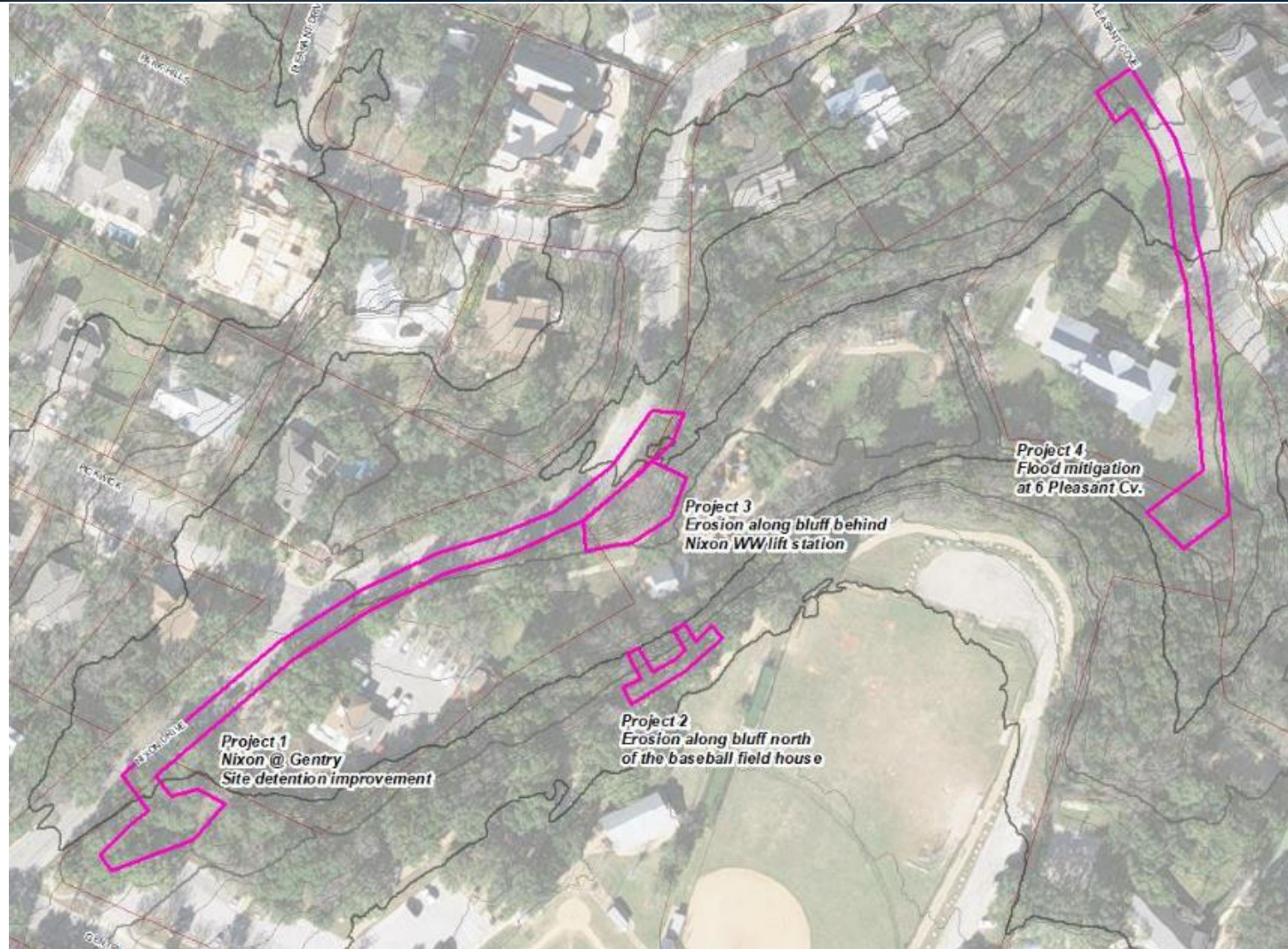


Option 1 – Landscape Designer/ Contractor

Objective: Improve known minor issues. Perform maintenance/ repairs. Enhance park features.

Scope: Contractor to design and construct minor improvement projects.

Results: Implement improvements quickly.



Option 2 – Drainage Study & CIP

IIP Projects Identified

- F – Nixon Storm Drain System (\$2.5M)
- H – City Hall Drainage Improvements (\$500k-\$700k)
- L – Pleasant Cove Drainage Improvements (\$500k-\$700k)

Objective: Identify significant drainage improvement projects

Scope: Perform a detailed 2D hydraulic study of park area.

Results: Identify, prioritize, and design major projects

