



**Chelsea Woods Drainage
Improvement Project
WR-15-0004**

Neighborhood Information Meeting
October 5th, 2023



Project Team

- **City of Plymouth**

- Ben Scharenbroich, Water Resources Supervisor
 - bscharenbroich@plymouthmn.gov
- Chris McKenzie, PE, Engineering Services Manager
 - cmckenzie@plymouthmn.gov

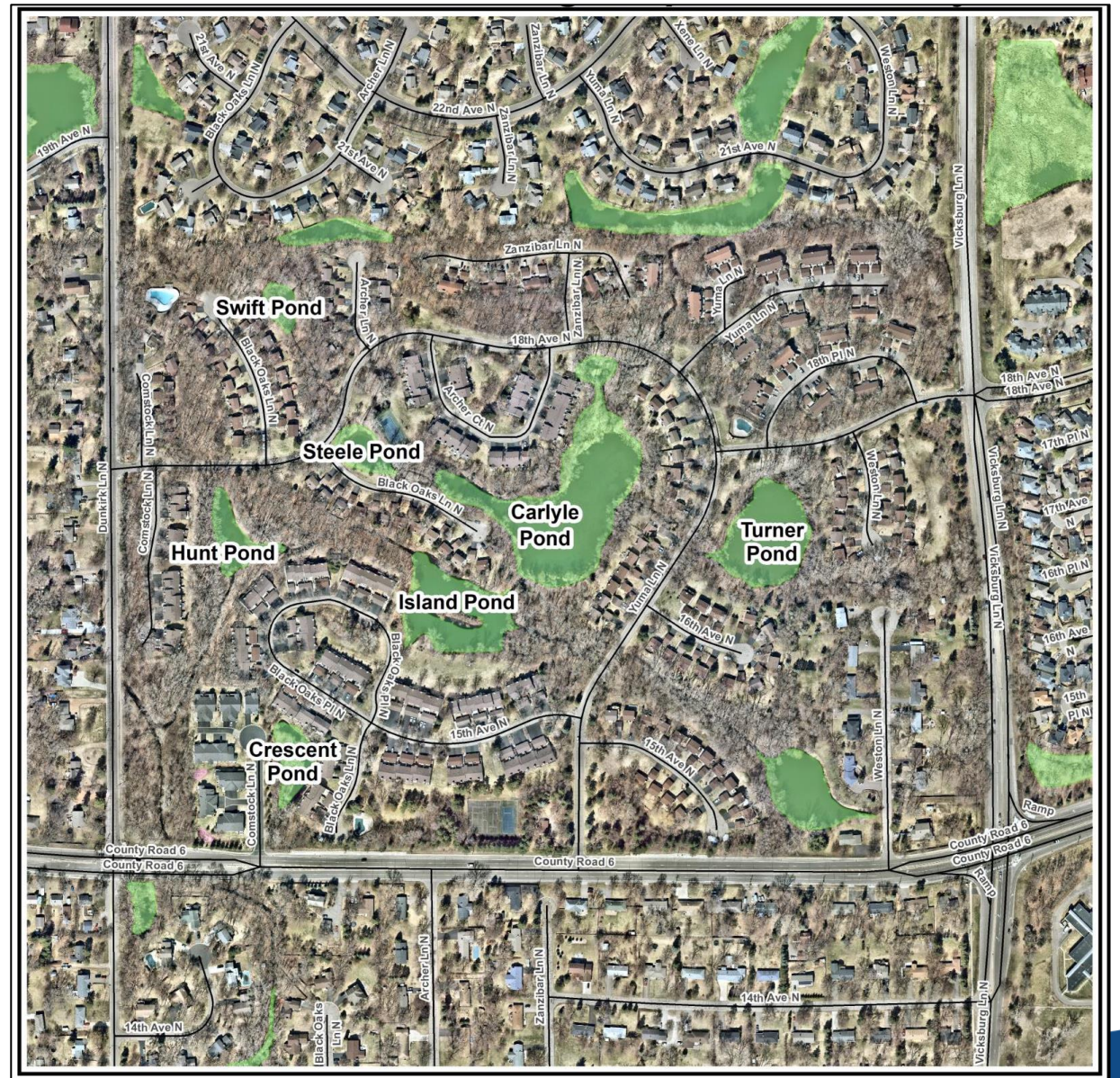
- **Design Consultant, Kimley-Horn and Associates, Inc.**

- Ron Leaf, PE
- Adam Tjaden, PE



Chelsea Woods Drainage Improvement Project

Location Map



Chelsea Woods Current Conditions



Project Timeline

Phase	Time
Resident Questionnaire	2020
Project Scoping & Resident Input	Spring 2022
Initial Preliminary Designs	Late Spring 2022
Resident Meeting #2	Summer 2022



Resident Input

- Water Level Desires are Variable
- Water quality noted as a concern
- Wildlife habitat has been noted as important
- Weirs and trails are important features to the neighborhood
- Bank Erosion Observed
- General maintenance of sediment and debris



City Identified Potential Improvements

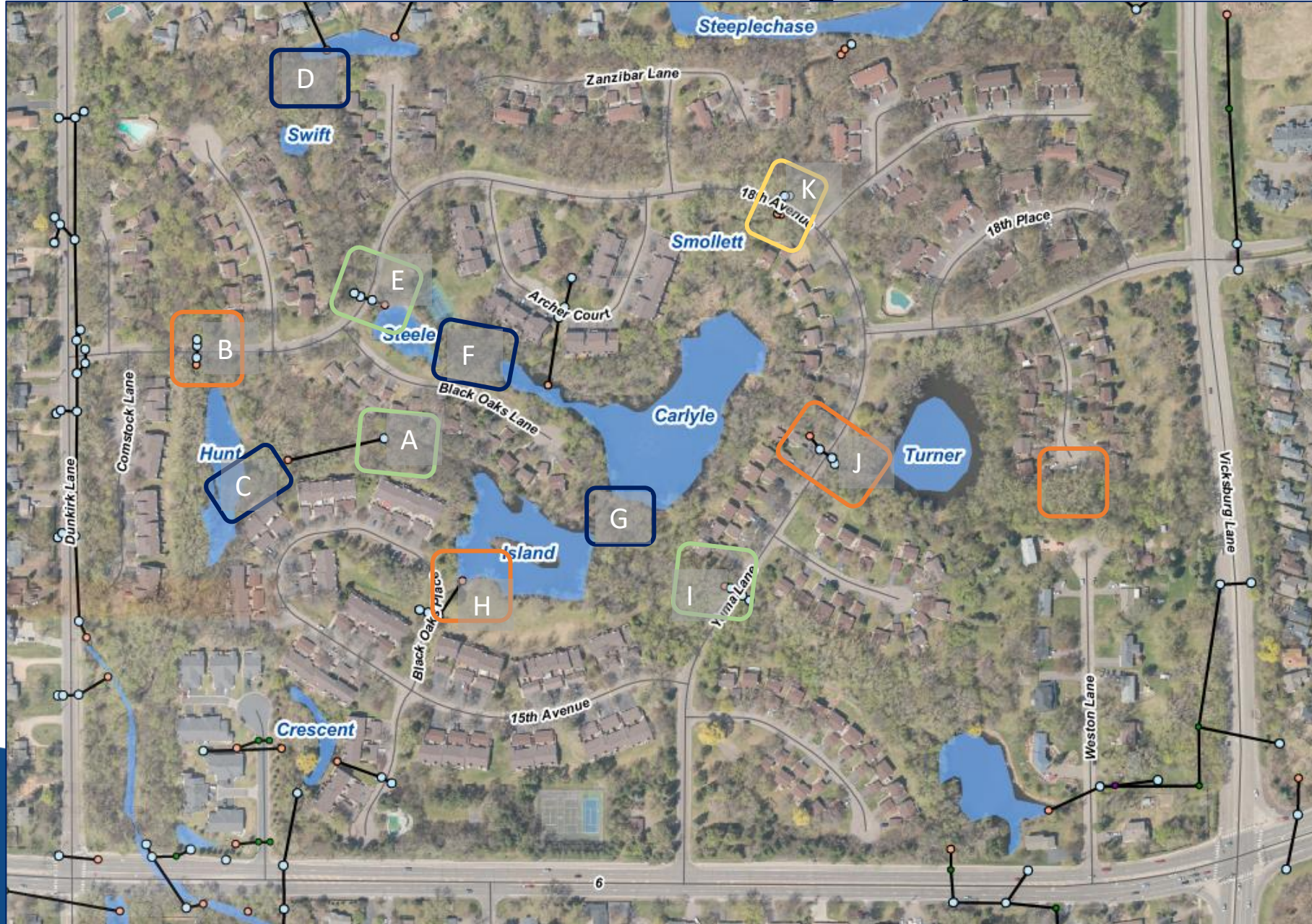
- Address Weirs
- Perform Pond Maintenance
 - Address Water quality
 - Address Bank Erosion
 - Removal of sediment and debris
- Consider localized drainage concerns
- Resident Input



Chelsea Woods Drainage Improvement Project



Chelsea Woods Drainage Improvement Project



Proposed Work:

Sediment Removal



New Pipe Installation
and/or Weir Maintenance



Bank Grading



Pipe Maintenance/



Sediment Removals



Weirs Reinstatement or Pipe Installation



Bank Grading



Bank Grading - Restoration



Vegetation Restoration



Low Grow Woodland Edge Fescue Mix – expect better initial coverage and establishment. Low maintenance.



Native Woodland Wildflower Mix – longer establishment period (2-3 years) and more challenging to establish and maintain.



Pipe Maintenance



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<i>Engineering Final Design</i>	<i>Early Fall 2023</i>
Contractor Bidding	Early Winter 2023
Construction	Winter 2023/2024
Restoration	Spring/Summer 2024

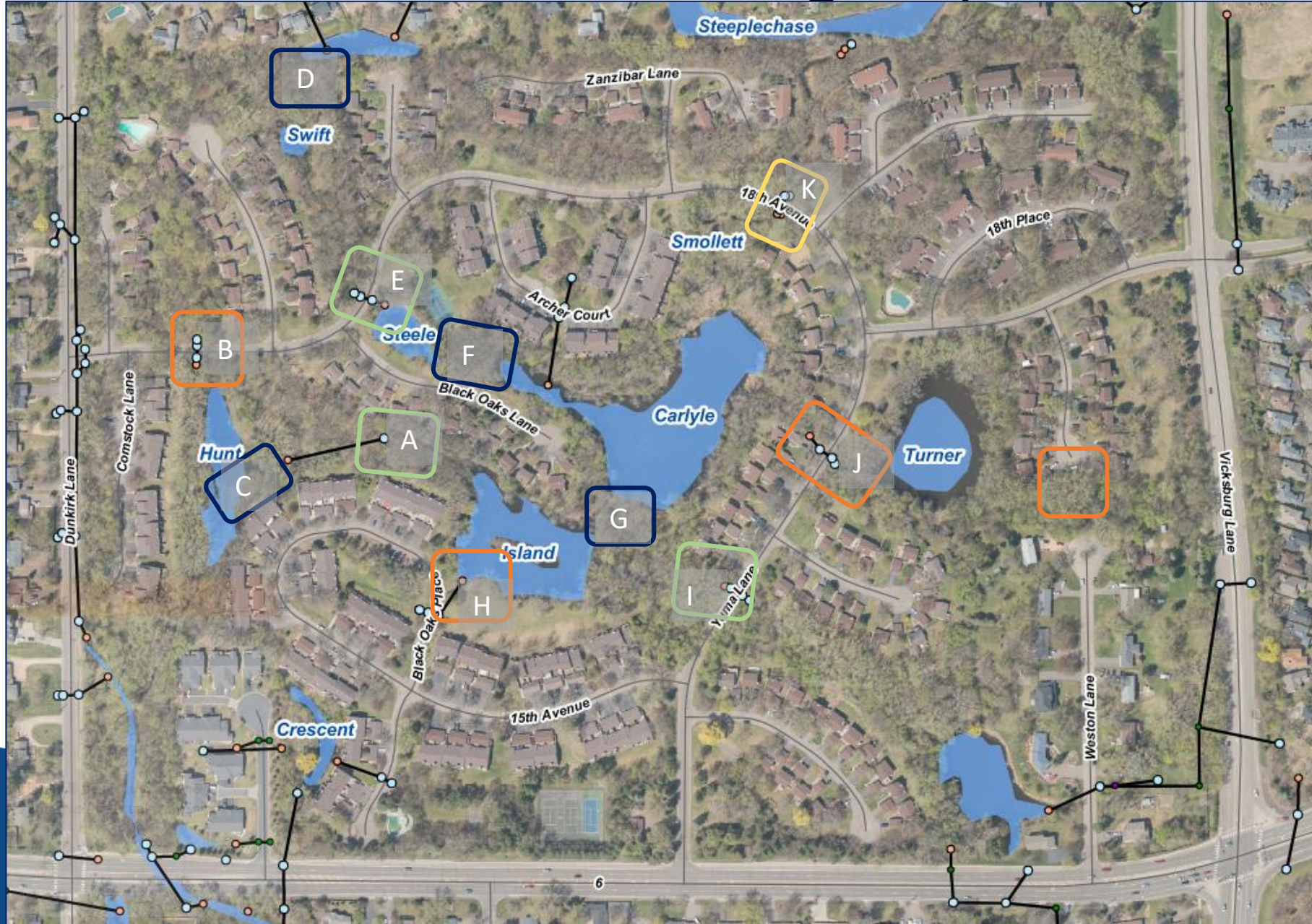


Questions or Comments?

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- Chris McKenzie, PE, Engineering Services Manager
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