



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

Neighborhood Information Meeting
March 29, 2022



Project Team

- **City of Plymouth**

- Ben Scharenbroich, Water Resources Supervisor
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- Chris McKenzie, PE, Engineering Services Manager
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- **Design Consultant, Barr Engineering**

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Chelsea Woods Drainage Improvement Project



Project Timeline

Phase	Time
Resident Questionnaire	2020
<i>Project Scoping & Resident Input</i>	<i>Spring 2022</i>
Initial Preliminary Designs	Late Spring 2022
Resident Meeting #2	Early Summer 2022
Engineering Final Design	Summer/Fall 2022
Contractor Bidding	Fall 2022
Construction	Winter 2022/2023



Resident Questionnaire

- 18 Responses
- Water Level Desires are Variable
- Water quality noted as a concern
- 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



Funding

- Work to balance available budget with potential improvements
- Not anticipating Special Assessments to Residents
- Possibilities of Partnership



Reinstating Weirs

- Evaluate Elevations
- Permitting
- Modeled



Existing Weirs



Trees

- City Forester will aid in:
 - Evaluating Diseased & Hazardous Trees
 - Identify those Impacting flow
 - Identify those potentially impacted by bank erosion improvements areas



Trees



Eroding Banks



Channel Erosion Repair



Pond Maintenance



Questions or Comments?

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