

Welcome!

This Meeting will Begin Soon

Technology Overview – Things to Know

- Attendee video cameras are disabled (we can't see you)
- Attendee screen share is disabled
- All attendees are muted (instructions to unmute will be covered)
- You can leave and rejoin the meeting at any time (unless the meeting is at capacity or you are removed for inappropriate behavior)
- Multiple opportunities for questions will be provided throughout the presentation
- Presentation and additional materials are available: www.a2gov.org/LynAnne-ArbanaSewer

Please use this time to complete an optional, anonymous demographic questionnaire available through Zoom polling.



City of Ann Arbor
Thursday, October 15, 2020

Lyn Anne – Arbana Sanitary Sewer Public Meeting No. 2



Technology Overview – Ask a Question/Share a Comment

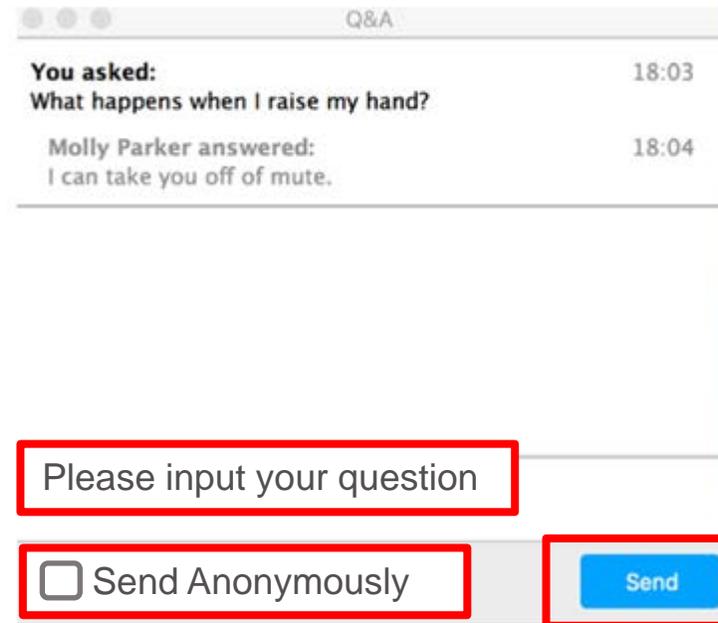
Introduction

Note: When you raise your hand, the host will enable your microphone. The host will disable your microphone after your question.

Computer

Phone

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- **Q&A**
 - Type your question
 - Check **Send Anonymously** if you do not want your name to be publicly visible with your Question
 - Click **Send**



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Zoom Meeting Norms

- Start on time . . . end on time.
- Raise your hand to be recognized to talk; there will be one speaker at a time
- Move to a quiet area and silence any background sounds when speaking
- Speak loud and clear so everyone can hear
- Everyone will be provided a chance to speak before a repeat speaker
- Be respectful of other ideas and perspectives – no finger pointing!
- Try to differentiate between I know (facts) and I think (opinions).
- Inappropriate written and/or verbal comment or language, including personal attacks and accusations, will result in the attendee being removed from the meeting

Agenda

1. Introduction
2. Project Recap
3. Key Issues
4. Construction Details
5. Construction Sequence
6. Going Forward
7. Questions & Answers



Project Team



Kayla Coleman
City of Ann Arbor
Public Engagement Specialist



Brian Slizewski
City of Ann Arbor
Project Manager

Project Team



Chris Elenbaas
Stantec
Project Manager



Robert Czachorski
Public Engagement / Project Design



Charlie Fleetham
Public Engagement



West Erie Realty Solutions
Easement Acquisition

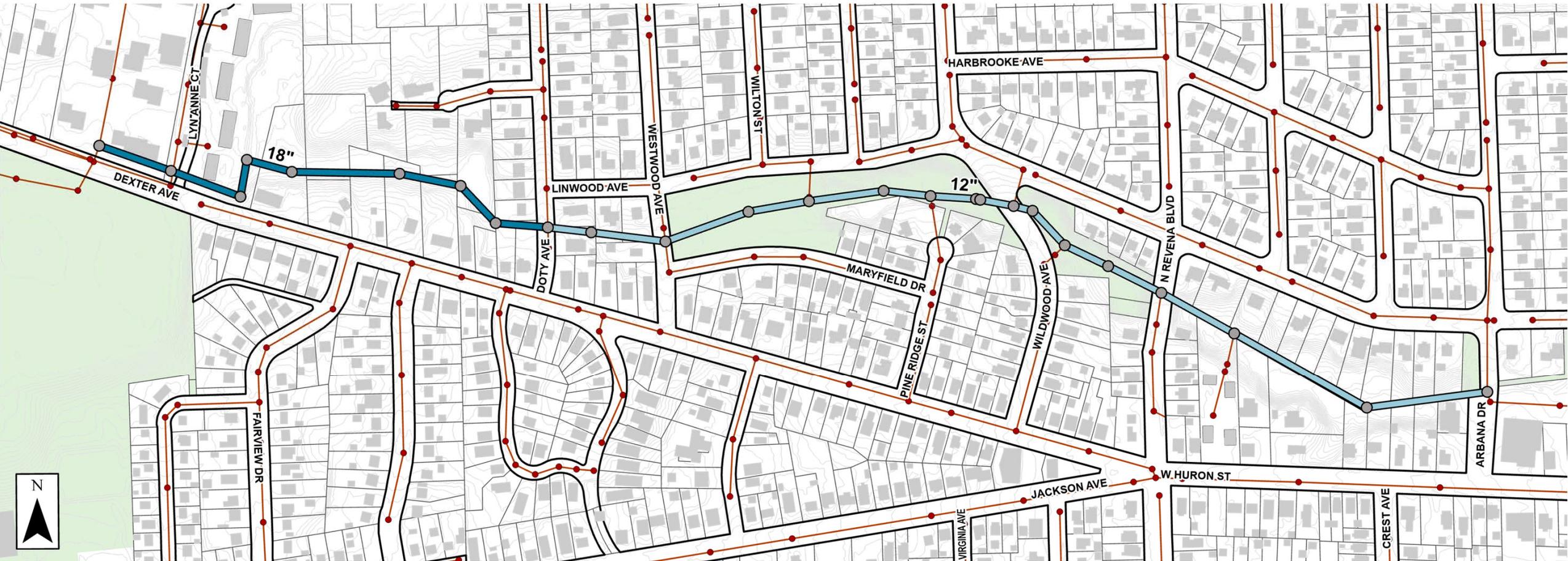
Project Recap

Project Overview

- Replacement of 4,300 Feet of Existing Sanitary Sewer from the Maple Ridge Apartments to Arbana Drive
- Existing 12” and 18” sanitary sewer is undersized and at risk for surcharging
- Develop a City only access corridor for future maintenance of the sewer
- Maintain a Key Natural Corridor
- Funded through the Development Offset Mitigation Program (DOM)



Project Limits



Current Project Status

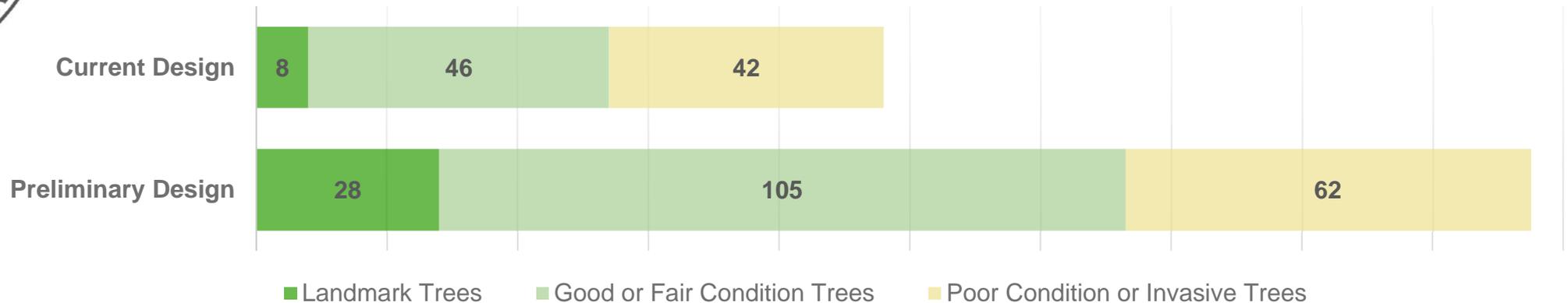
- Draft Detailed Construction Documents Complete
- Additional Site Investigation
- Project Permitting
- Easement Acquisition
 - Title Research Ongoing
 - Individual Engagement with Impacted Property Owners
 - Easement Documents - Fall 2020
- Contractor Selection – Winter 2021



Key Issues

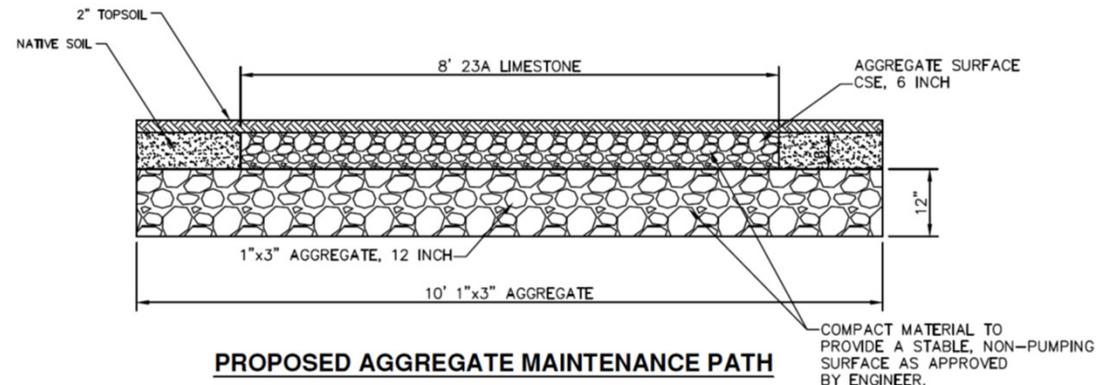
Tree Removal

- Reduced Tree Removals with Updated Design
- Trenchless Construction Methods where Feasible
- Initial Tree Removal: 195 Trees, 6” or larger
- Current Design Tree Removal: 96 Trees, 6” or larger
 - 42 of the 96 trees are in poor condition, dead or an invasive species
 - 8 “Landmark” trees identified for removal



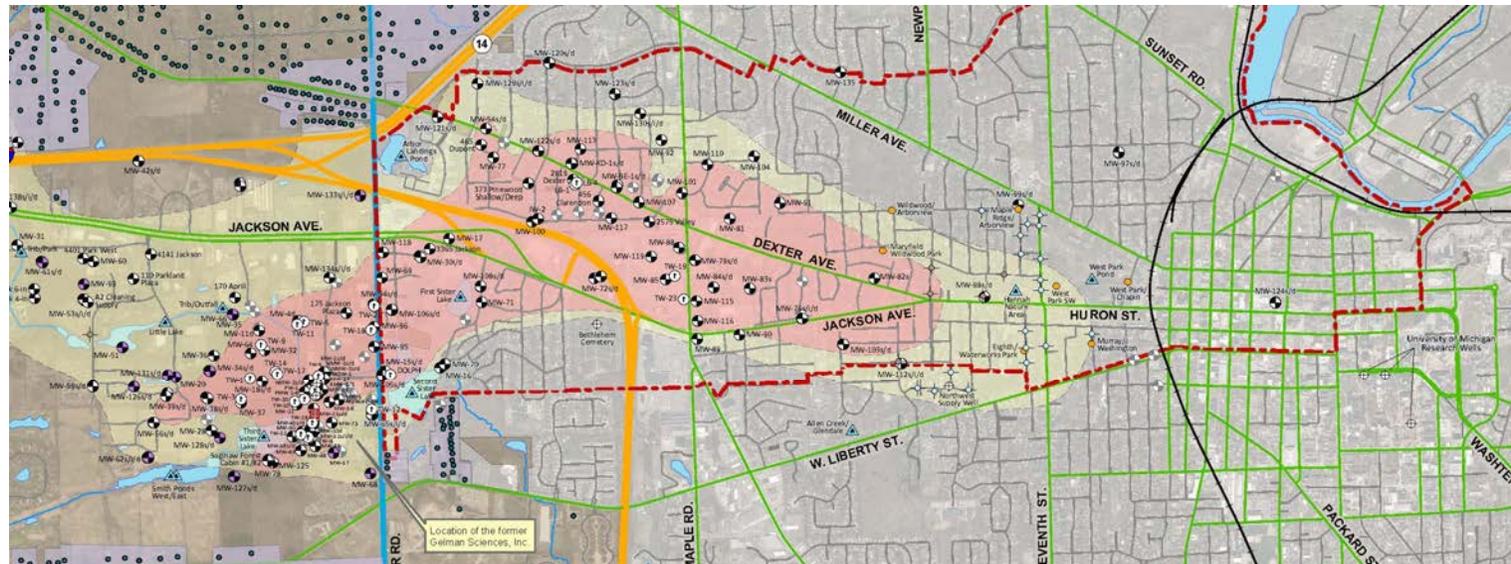
Maintenance Access Along Easement

- **Project will not include any public use trails outside of the Park!**
- 8-Foot Wide Maintenance Path:
 - Original design: Gravel path along sewer route
 - Updated Design: **Maintainable Green Corridor**
- Aggregate Base Topped with Soil to Allow Equipment Access, but Discourage Public Access



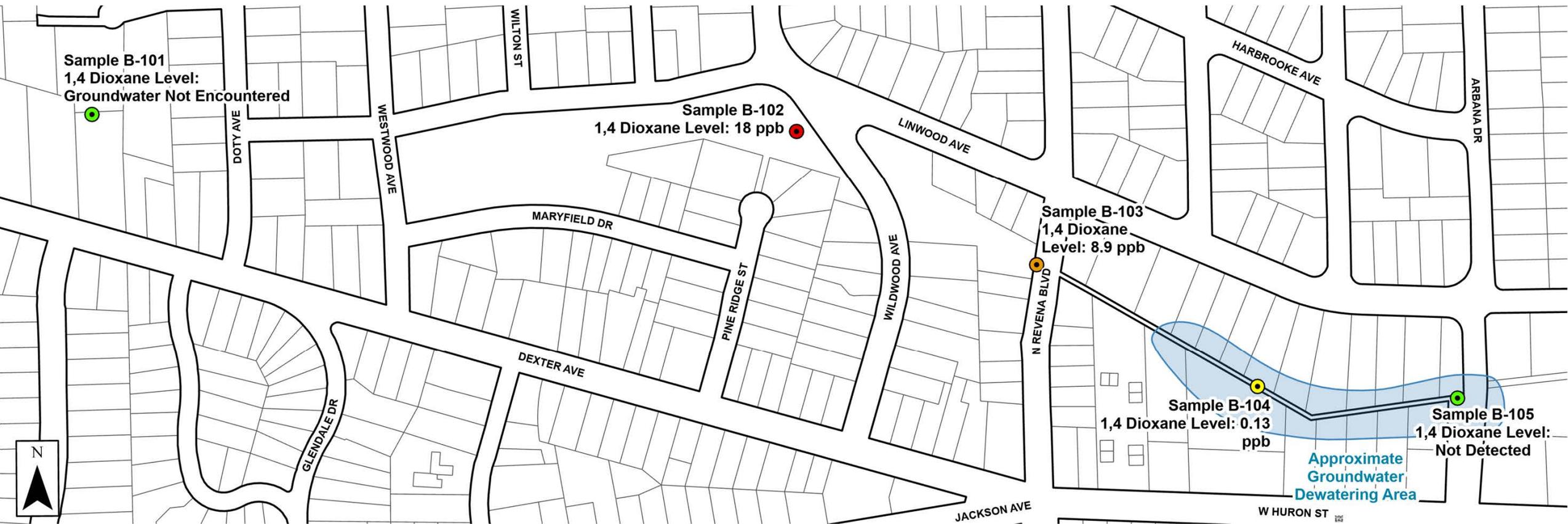
1,4 Dioxane – What is it?

- Industrial Chemical & Groundwater Contaminant
- Likely Carcinogenic to Humans (As classified by the EPA)
- Gelman Plume
 - Manufacturer of medical and environmental filters
 - 850,000 pounds of 1,4-dioxane were used between 1966 and 1986



1,4 Dioxane – Groundwater Sampling

- Groundwater Sampling Results



1,4 Dioxane – Groundwater Removal

- Dewatering is anticipated for sewer construction
- Sampling identified 1,4 Dioxane in three locations
 - Sample B-102 – 18 ppb
 - Sample B-103 – 8.9 ppb
 - Sample B-104 – 0.13 ppb
- EGLE Drinking Water Cleanup Criteria for 1,4-Dioxane:
 - Residential – 7.2 ppb
 - Nonresidential – 350 ppb
- Only Sample B-104 is within approximate dewatering area
- Determining contractor requirements for addressing 1,4 Dioxane

Questions and Answers

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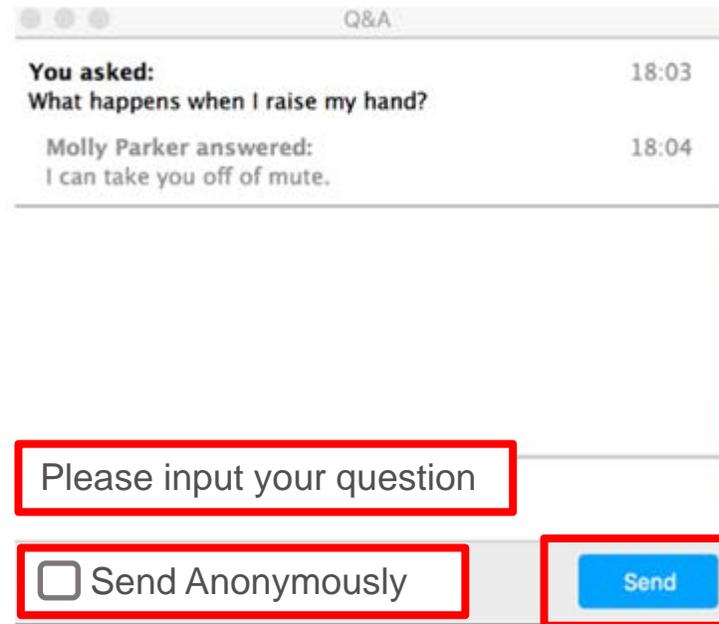
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Construction Details

Construction Schedule

- Spring through Fall 2021
- Completed in Segments – Start at Arbana and Work West
- Approximate Schedule:
 - Project-Wide Tree Removal – March 2021
 - Arbana to Revena – April/May, 2021
 - Maryfield Wildwood Park – June/July, 2021
 - Westwood to Doty – July/August, 2021
 - Doty to Dexter Avenue – September/October, 2021

Construction Impacts

- Construction Crews in Easements
 - Working Hours: 7AM – 8PM, Monday through Saturday
- Service Lead Connections
 - 7 Connections to Existing Sewer
 - Temporary suspension of individual service
- Noise
 - Construction Equipment
 - By-Pass Pumping
- Dust

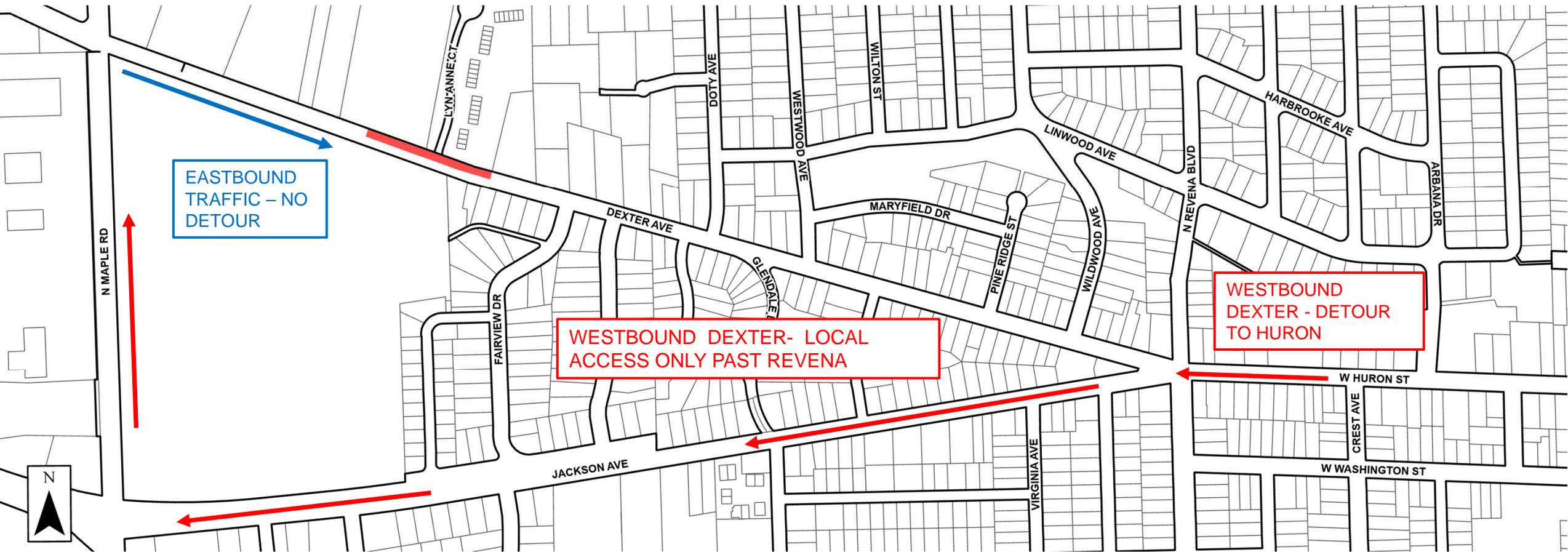


Road Impacts

- Localized Pavement Replacement at Sewer Crossings
 - Arbana Drive
 - Westwood Avenue
 - Doty Avenue
- Possible Coordination with Annual Resurfacing Program
 - Doty Avenue – Arborview to Dexter
 - Maryfield Drive – Westwood to Pine Ridge
- No Major Impacts
 - Wildwood Avenue – Construction Access Only
 - N Revena Boulevard

Traffic Detour – Dexter Ave

- Approximate Duration – 2 to 3 weeks



Traffic Detour – Local Roads



Questions and Answers

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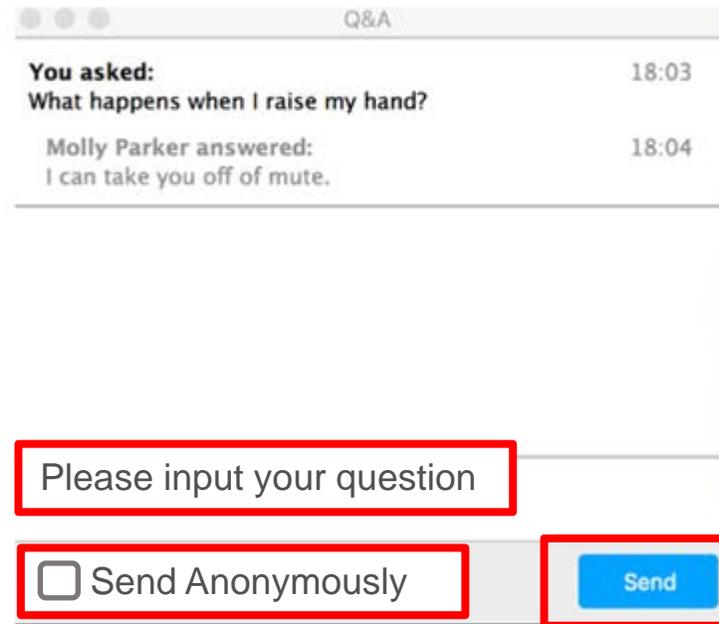
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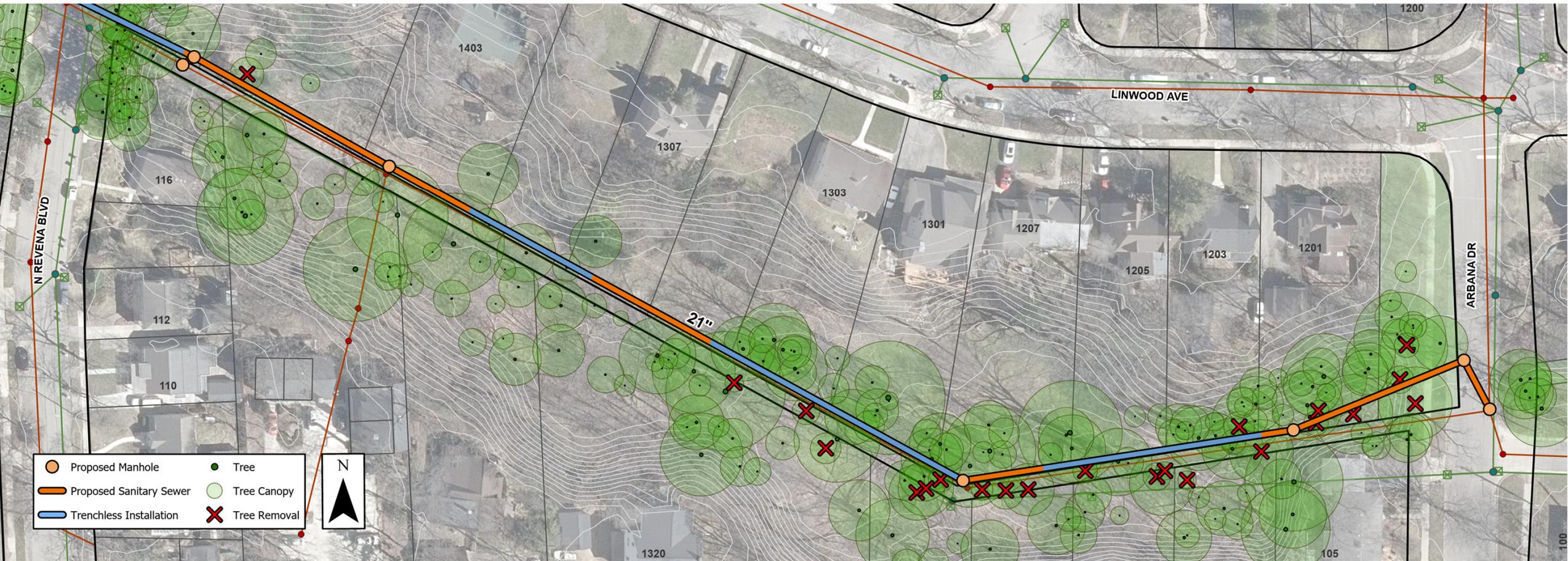
Construction Sequence

Proposed Sewer Route

- Proposed sewer generally follows existing sewer



Section 1 - Arbana to Revena

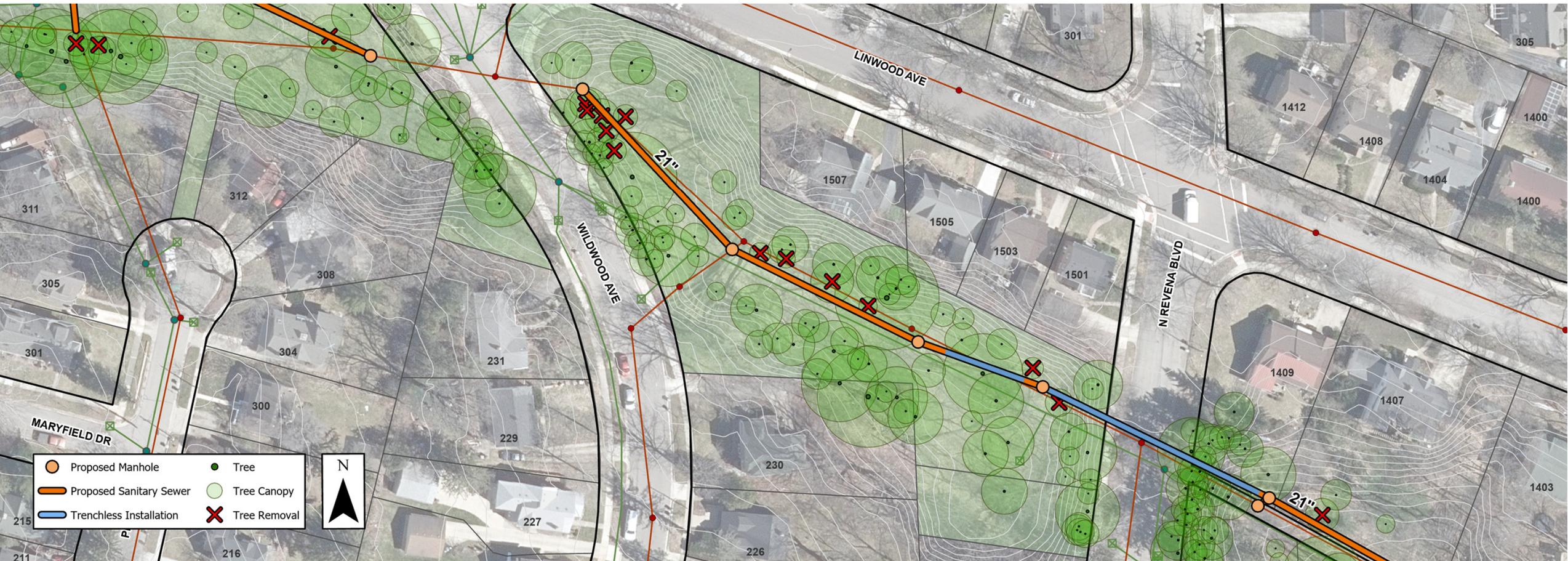


Section 1 –Arbana to Revena

- Mixed Open Trench Excavation and Trenchless Installation
- Trenchless Installation Under Revena
- Expected Duration – 4 to 6 Weeks
- Expected Impact
 - Arbana Closed for 6 weeks
 - Sidewalk Closures
 - Rear Yard Construction
- Equipment Access
 - From Arbana



Section 2 – Revena to Wildwood

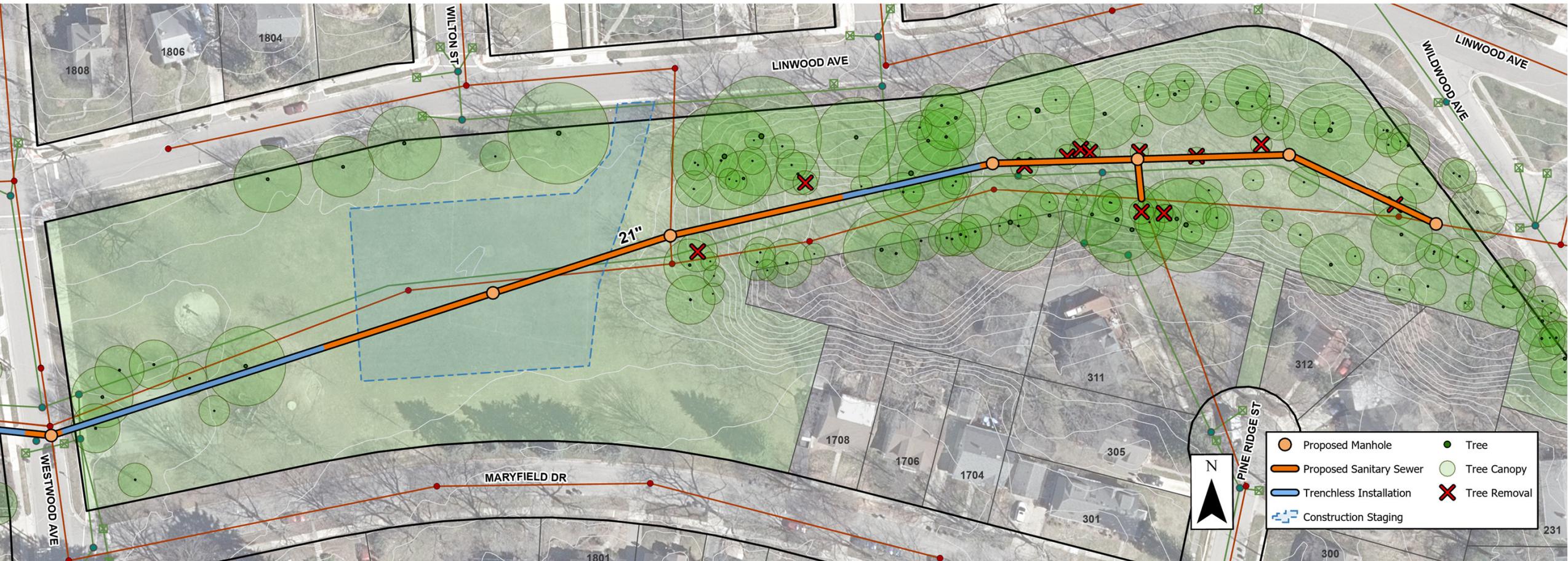


Section 2 – Revena to Wildwood

- Mixed Open Trench Excavation and Trenchless Installation
- Expected Duration – 3 Weeks
- Expected Impact
 - Rear Yard Construction
 - Sidewalk Closures
- Equipment Access
 - From Wildwood



Section 3 – Maryfield Wildwood Park



Section 3 – Mayfield Wildwood Park

- Mixed Open Trench Excavation and Trenchless Installation
- Trenchless Installation under the Playground
- Expected Duration – 6 Weeks
- Expected Impact
 - Park Closures
 - Field Closed for Staging
- Equipment Access
 - Through the Park



Section 4 – Westwood to Doty



Section 4 – Westwood to Doty

- Trenchless Installation
- Expected Duration – 3 Weeks
- Expected Impact
 - Doty and Westwood Closed
 - Sidewalk Closures
- Equipment Access
 - Major Equipment Limited to Roadway



Section 5 - Doty to Dexter

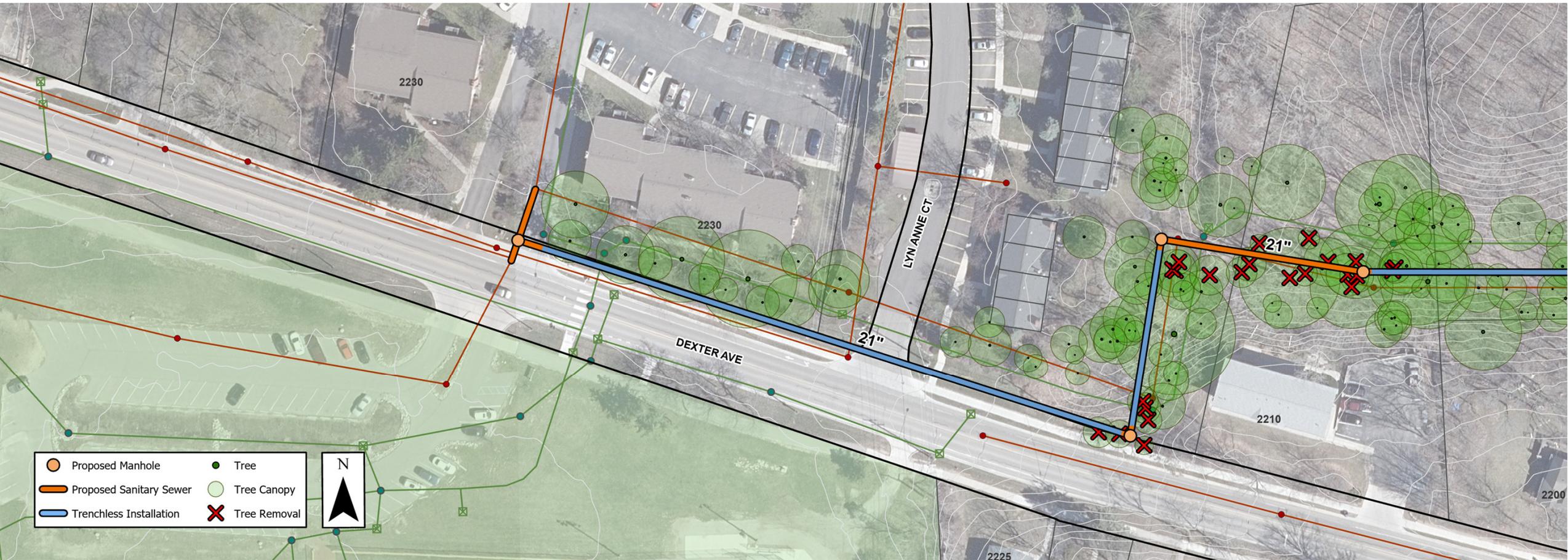


Section 5 –Doty to Dexter

- Mixed Open Trench Excavation and Trenchless Installation
- Expected Duration – 6 Weeks
- Expected Impact
 - Rear Yard Construction
 - Doty Closed for 6 Weeks
 - Sidewalk Closures
- Equipment Access
 - From Doty



Section 6 – Dexter Ave



Section 6 – Dexter Ave

- Trenchless Installation with Open Cut Excavation at Connection Points
- Expected Duration – 4 Weeks
- Expected Impact
 - Lane Closures (2-3 Weeks)
 - Sidewalk Closures
 - Mapleridge Apartments Entrance
 - Bypass Pumping
- Equipment Access
 - Along Edge of Roadway



Questions and Answers

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Q&A

You asked: 18:03
What happens when I raise my hand?

Molly Parker answered: 18:04
I can take you off of mute.

Please input your question

Send Anonymously

Send

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Going Forward

Expected Project Schedule

- Project Design – Completed by December 2020
- Easement Acquisition – Ongoing
- Contractor Selection – January 2021
- Begin Construction – Spring 2021
- Construction Complete – Fall 2021

Next Steps

- Continued Contact Regarding Easements
- Provide Follow-up Information
 - E-mail Updates
 - Meeting Summary and Project Updates on the Website
- Final Public Meeting - Winter 2021 Prior to Start of Construction

www.a2gov.org/LynAnne-ArbanaSewer

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