



Water Plant  
Transmission Mains



Home Road  
Water Plant

# Advisory Group Meeting #3

November 18, 2024, 1:30 – 3:30 p.m.

# Welcome

**Tim Huffman, P.E.**

Division of Water – Distribution Engineering Manager



# Your Facilitator

**Marie Keister, AICP, APR**

**Stakeholder/Public Engagement, MurphyEpson**

# Introductions

Share your name, title and organization



# Agenda

- Welcome and introductions
- Advisory Group role recap
- WPTM update and 30% design review
- WPTM next steps
- HRWP overview and update
- Public outreach
- Q+A throughout



# Advisory Group Role (Recap)



The Home Road Water Plant & Water Plant Transmission Mains Advisory Group will **provide advisory input and local information** to the City of Columbus Department of Public Utilities as it designs and constructs a new water plant near Home and Dublin Roads in Delaware County and connects new water transmission mains from the water plant to the Blazer Parkway area and other strategic areas in northwest Columbus.



# Water Plant Transmission Mains

**Matt Casey, P.E.**

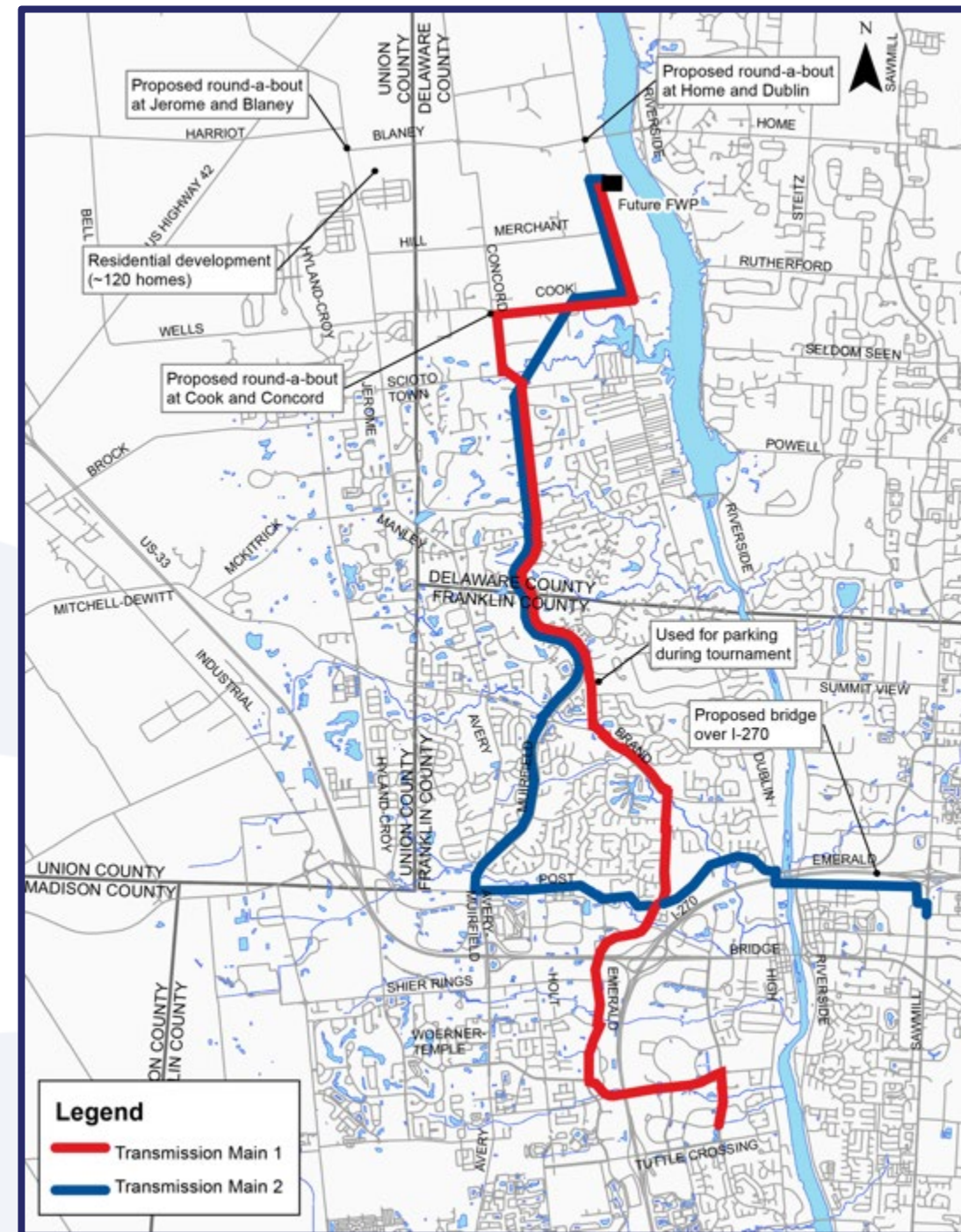
Project Manager, ms consultants





# Shared at Last AG Meeting

- Project scope
- Schedule at a glance
- Evaluation process
- Pairwise comparison
- Risk analysis
- Cost estimates
- Corridor recommendations





# Stakeholder Meetings to Date



## May 2024

- 5/20 Dublin City Council
- 5/22 Concord Township

## June 2024

- 6/18 Public Meeting #1

## July 2024

- 7/12 Dublin CIP Coordination
- 7/25 Final Design KO

## September 2024

- 9/4 PCM KO

## October 2024

- 10/14 30% Submittal to DOW/PCM
- 10/29 30% Meeting w/ DOW/PCM

## November 2024

- 11/6 30% Submittal to others
- 11/12 30% Dublin Meeting

# Future Stakeholder Meetings



## December 2024

- 12/3 Public Meeting No. 2
- 12/11 30% Jurisdictional Review Mtg. (Virtual Bluebeam)



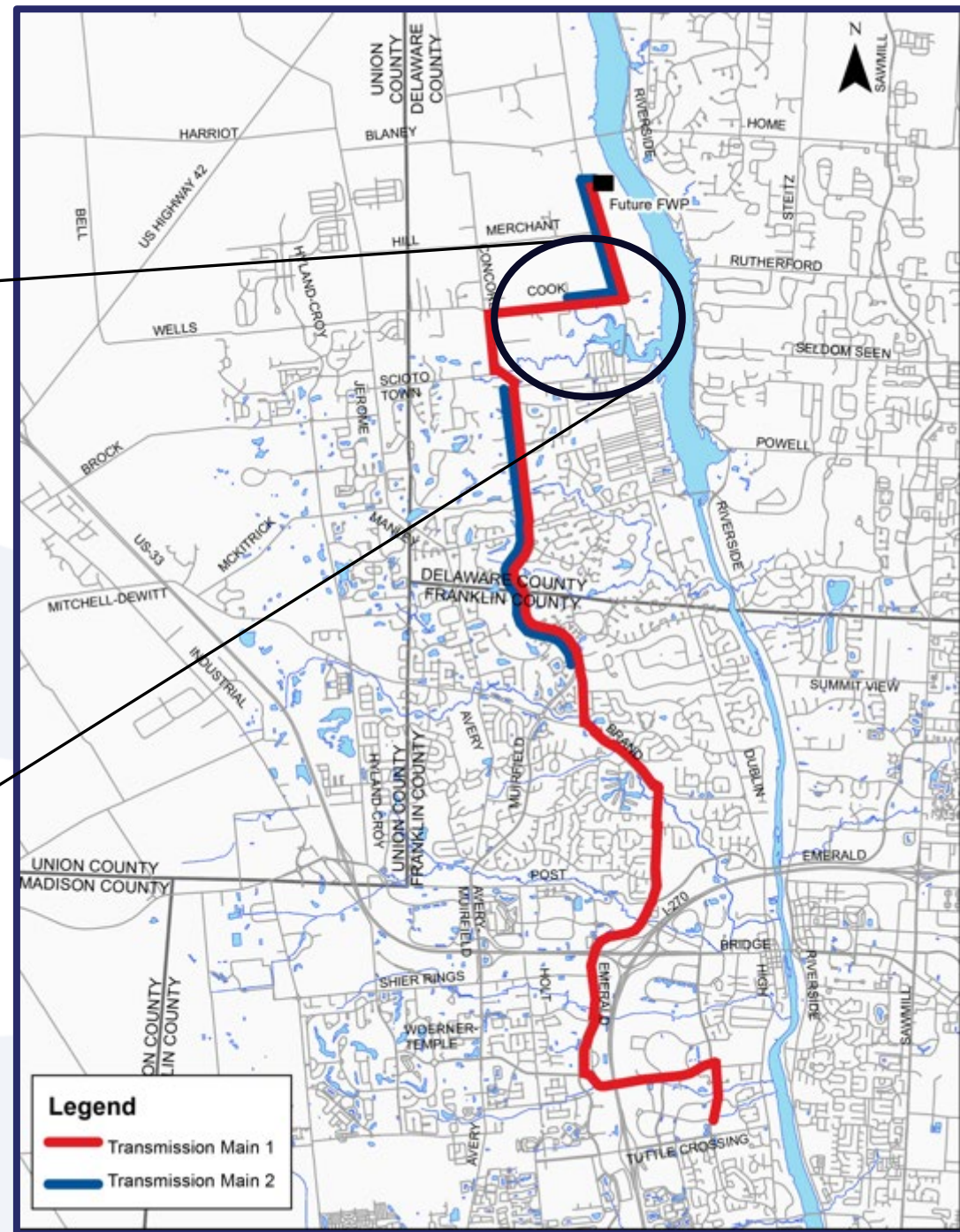
# 30% Design

**Matt Casey, P.E.**

Project Manager, ms consultants

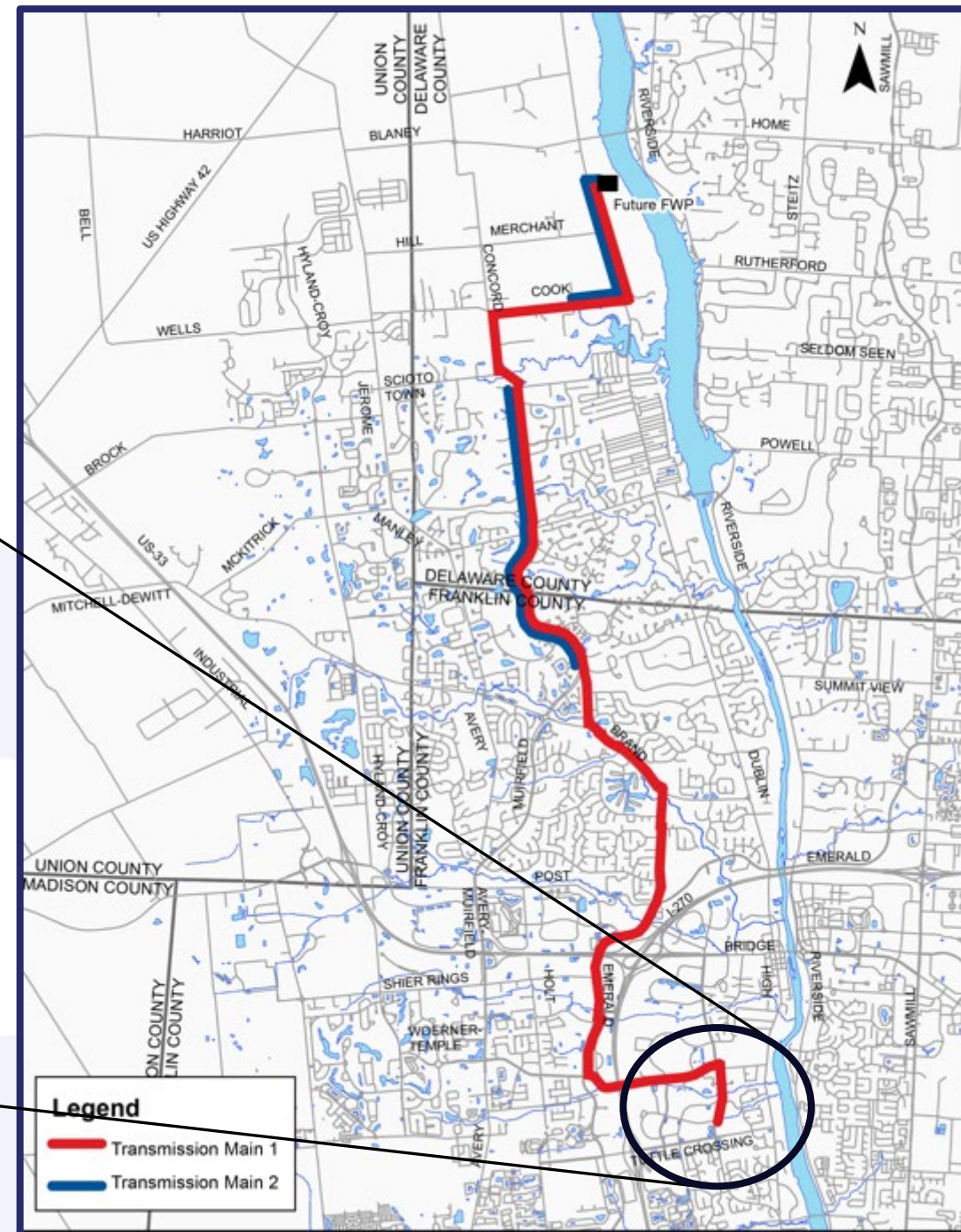


# AEP Corridor

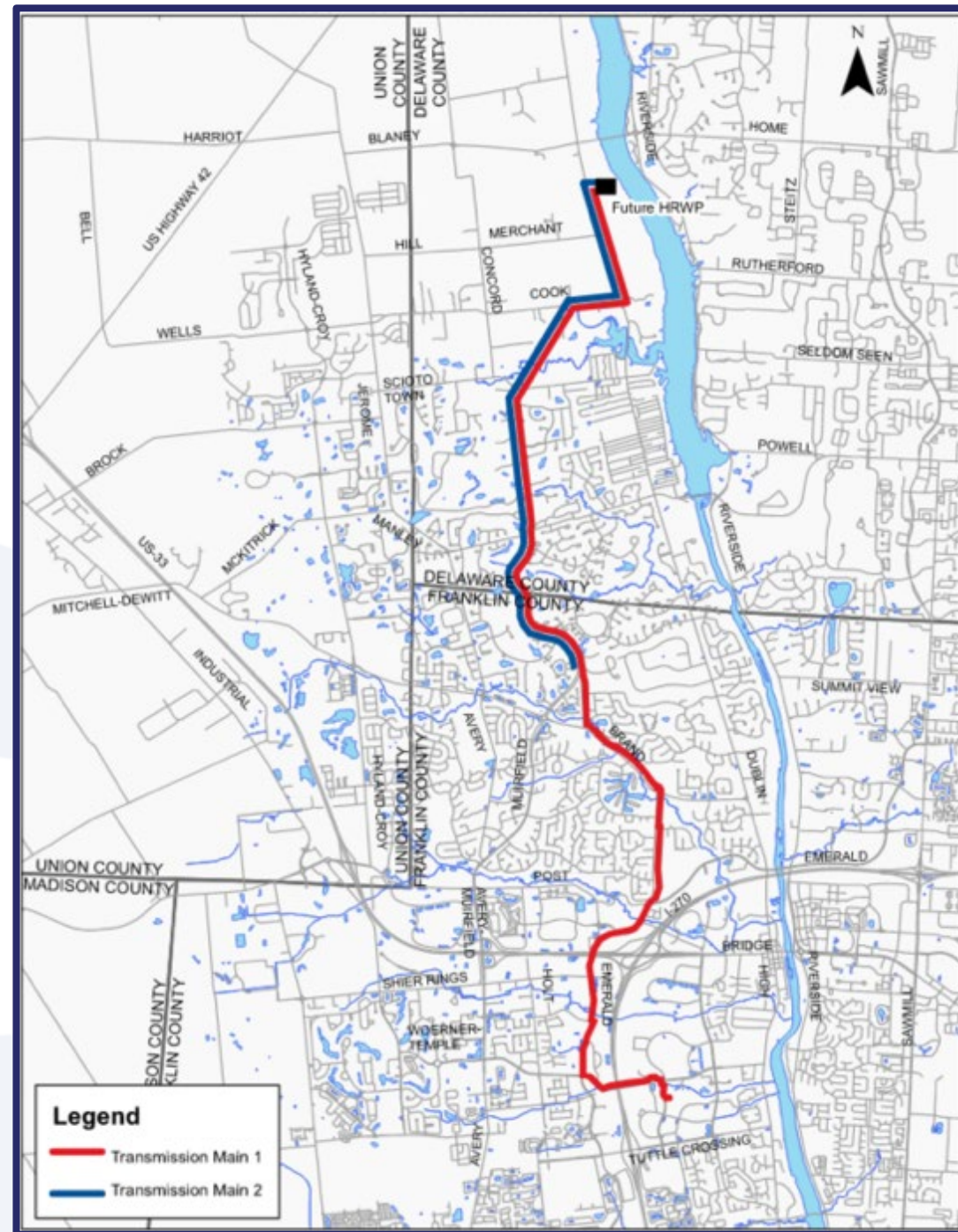




# Southern Connection



# 30% Phase 1 Alignment





# Google Earth Flyover



# Pause for Discussion



# WPTM Next Steps

**Matt Casey, P.E.**

Project Manager, ms consultants



# 30% Jurisdictional Bluebeam Meeting



- Virtual Bluebeam 30% Plan Review meeting December 11, 2024, 8:00AM-12:00PM
  - Meeting isn't mandatory, but you must register to attend
  - Email will come from MurphyEpson asking you to register for the invite.
- Meeting will begin promptly at 8:00AM.

# 30% Jurisdictional Bluebeam Meeting



## Jurisdictions to be invited

- City of Dublin
  - Paul Hammersmith, Michael Hendershot, Jeannie Willis
- Concord Township
  - Joe Garrett, Jason Haney, Bart Johnson
- Delaware County
  - Chris Bauserman, Robert Riley, Dawn Huston, Joe Warner, Mike Love, Doug Riedel
- Del-Co Water
  - Glenn Marzluf, David Wolf, Darrell Miller
- DCRSD
  - Julie McGill
- ODOT
  - Tammy Boring, Cindy Wengerter, Jon Adams
- Washington Township
  - Eric Richter
- Franklin County
  - Steve Buskirk

# 30% Jurisdictional Bluebeam Meeting



## Potential jurisdictional impacts (haul routes and other project related activities).

Would you like to be invited? Let us know if there are others that should be invited.

- City of Hilliard
  - Clark Rausch
- City of Upper Arlington
  - Gary Wilfong
- City of Marysville
  - Jeremy Hoyt
- Jerome Township
  - Brandon Standley,  
Barry Adler
- MORPC
  - Edwina Teye,  
Brandi Whetstone
- Shawnee Hills
  - Chris Tebbe,  
Russell Baron
- Union County
  - Bill Narducci,  
Jeff Stauch
- Perry Township
  - Ian Warren
- Washington Township
  - Eric Richter

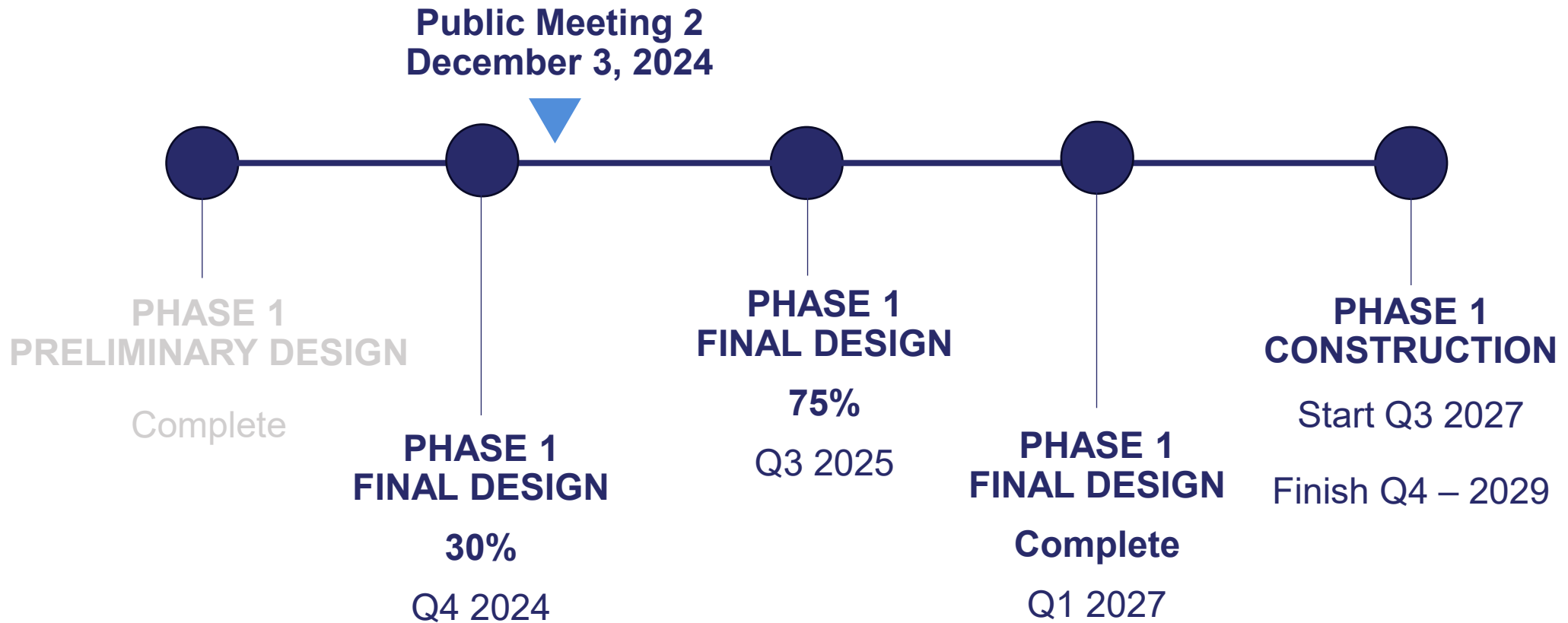


# Next Steps



- Review 30% plans and provide comments back to Gresham Smith by December 20, 2024
- Compile/address 30% comments
- Survey (ADA curb ramps), geotech borings, SUE, field walks
- Proceed into 75% Design

# Schedule at a Glance





# Home Road Water Plant



# Project Overview

**Bret Casey, P.E., BCEE**

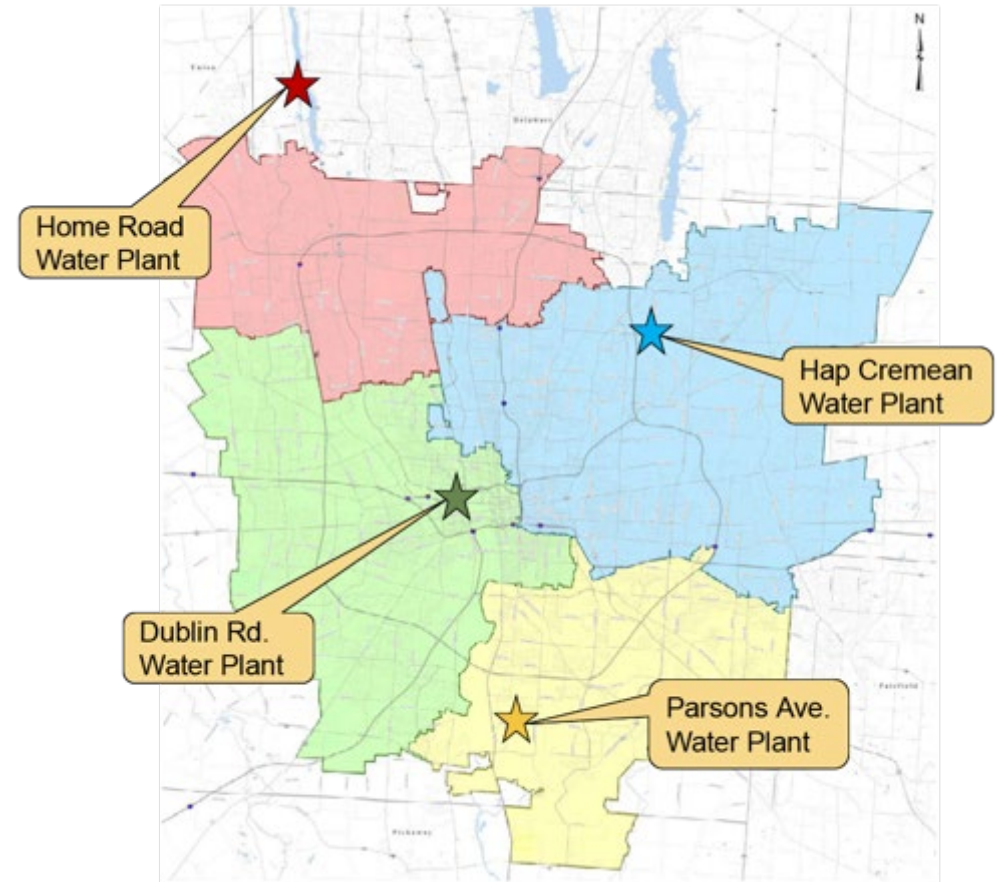
Project Manager, Hazen and Sawyer



# A New Fourth Water Plant



- Columbus' three water plants supply an average of 145 million gallons per day of drinking water to Columbus and surrounding central Ohio communities.
- Continued growth along with the need to increase reliability and resiliency across the water supply system, has driven the need for additional water capacity







# Home Road Water Plant

48 MGD Capacity

Subject to Design Changes







# Home Road Water Plant

## Quarry Site Layout

Subject to Design Changes



Water Plant  
Transmission Mains



Home Road  
Water Plant

THE CITY OF  
**COLUMBUS**  
ANDREW J. GINTHER, MAYOR  
DEPARTMENT OF  
PUBLIC UTILITIES











# Site Preservation Efforts



- Cemetery historically preserved and protected



# Sustainability

**Bret Casey, P.E., BCEE**

Project Manager, Hazen and Sawyer



# Sustainability Efforts



- Support Sustainable Columbus:
  - Stream restoration and wetland preservation
  - Solar energy and electric vehicle charging stations
  - Stormwater management
  - Pursuing:
    - LEED and LEED Zero for the Admin Building
    - Envision certification for the entire site



ENVISION





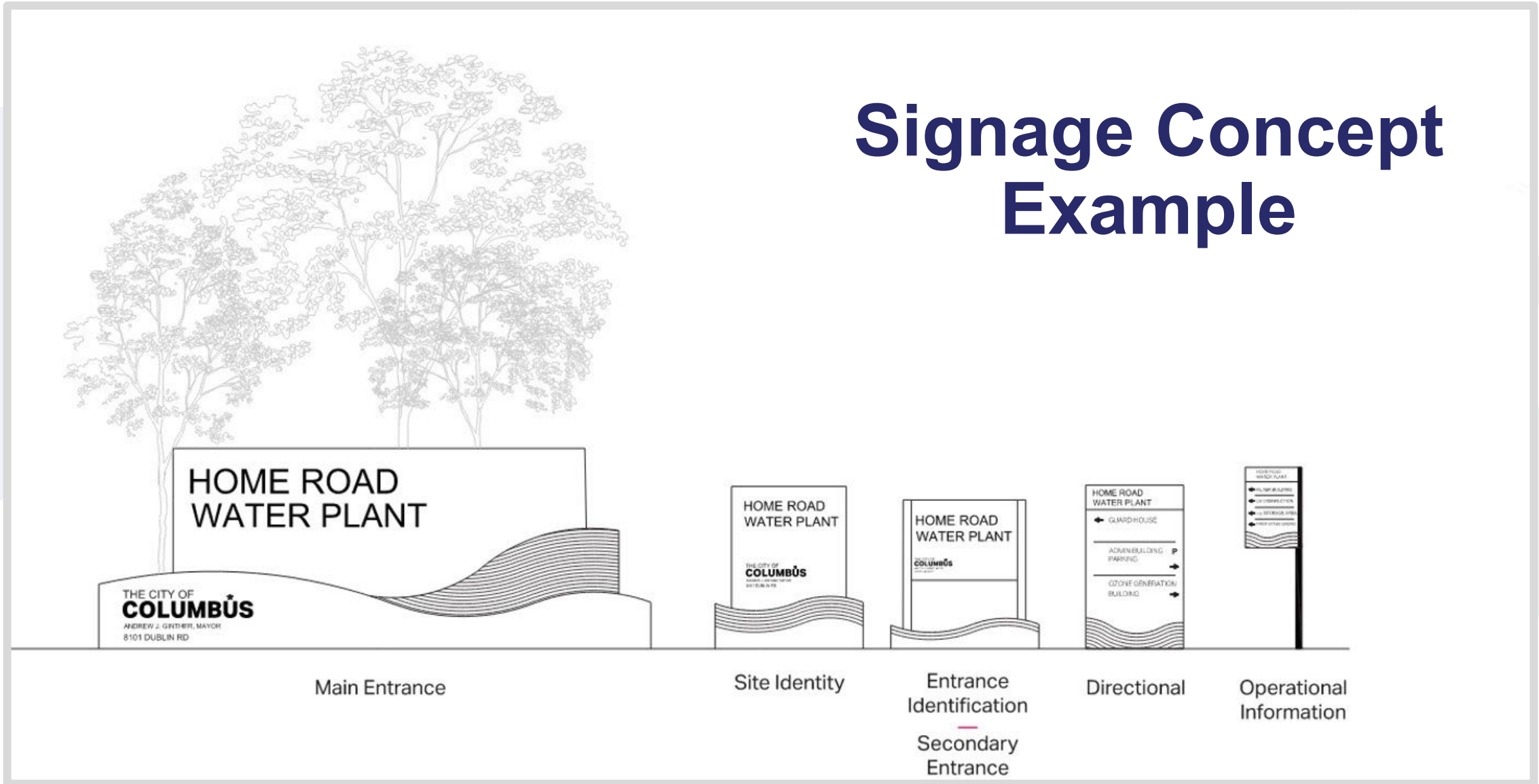
# Architecture

**Bret Casey, P.E., BCEE**

Project Manager, Hazen and Sawyer



# Signage Concept Example







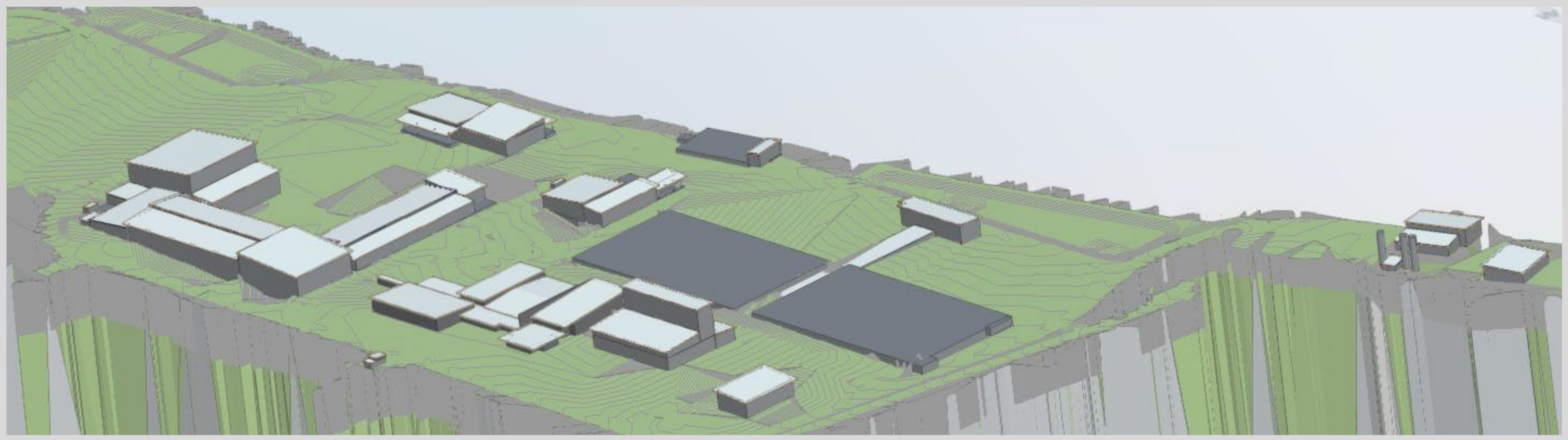








# Roof Massing Model





# Project Status

**Bret Casey, P.E., BCEE**

Project Manager, Hazen and Sawyer



# Project Status



## Home Road Water Plant Design

- 60% Submittal – Nov 20th
- 60% Review Workshop:  
December 10th - 18th

## Site Preparation Contract

- Bid Advertisement: August 26th
- Bid Opening: November 6th

# Water Plant Site Preparation



## Tree Removal

- Live non-invasive trees removed will be replaced
- On-site, along O'Shaughnessy or other locations per Columbus tree policy

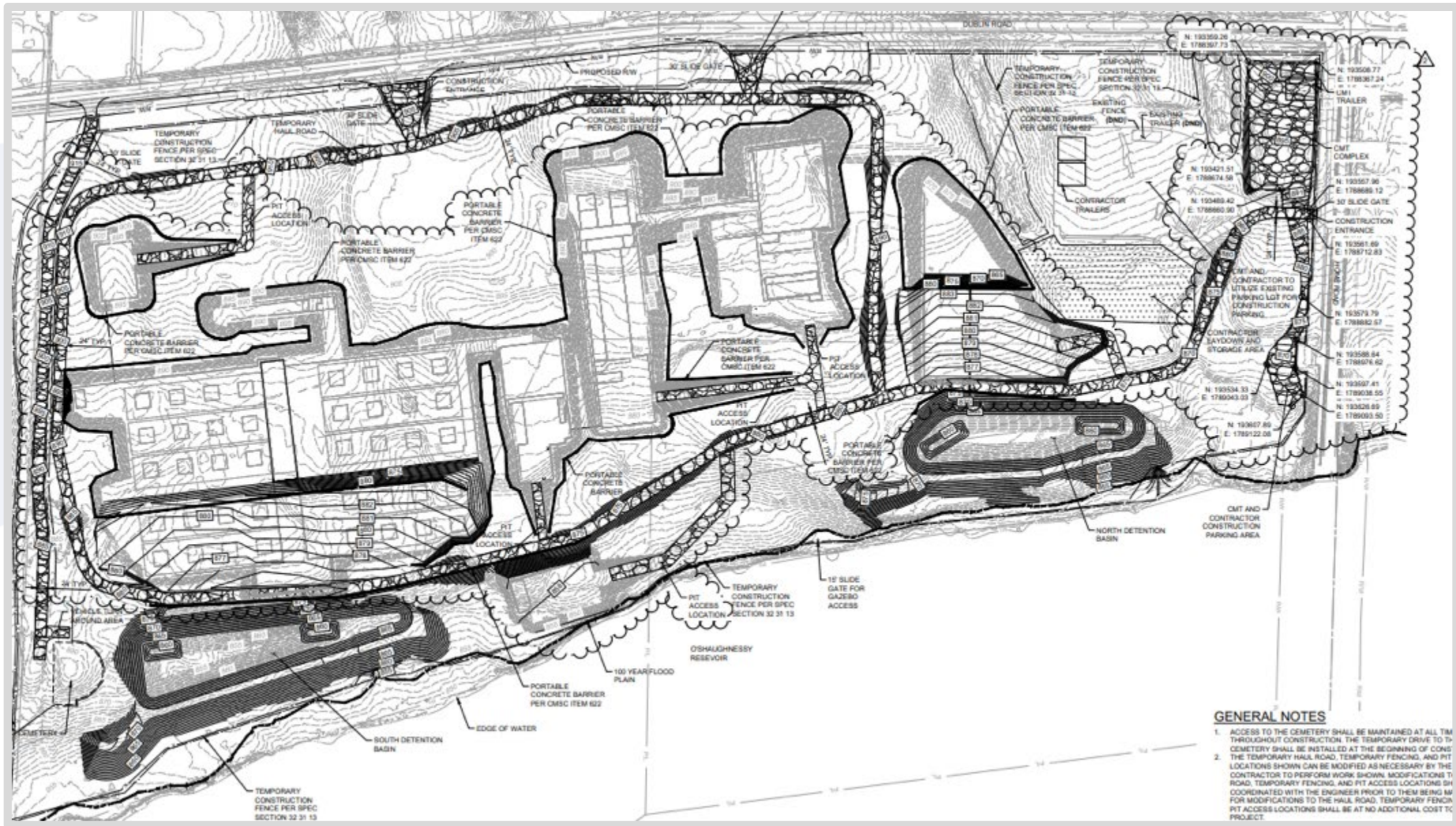
## Rock Excavation

- Engineered, controlled blasting
- An informational meeting will be held prior to blasting activities

## Power Supply

- First Energy transmission line to the quarry site
- Route and timeline TBD

## SR-745 Turn Lanes





# Site Preparation Contract – Construction Site Characteristics



## Construction

- **Estimated Work Hours:** 7:00 AM to 7:00 PM, Monday to Saturday
- **Light & Noise:** Utilizing the City of Columbus ordinances
- **Dust Control:** Required during construction

## Site Safety & Security

- Controlled access at all entrances
- Cemetery access by appointment only





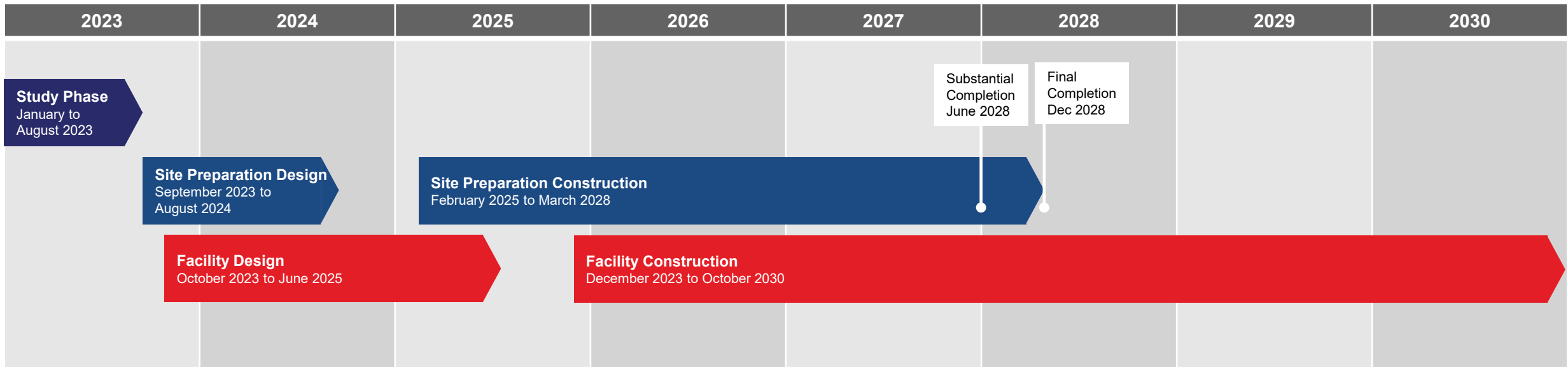
# Updated Project Phases & Schedule



The Home Road Water Plant project is planned to be constructed in two phases:

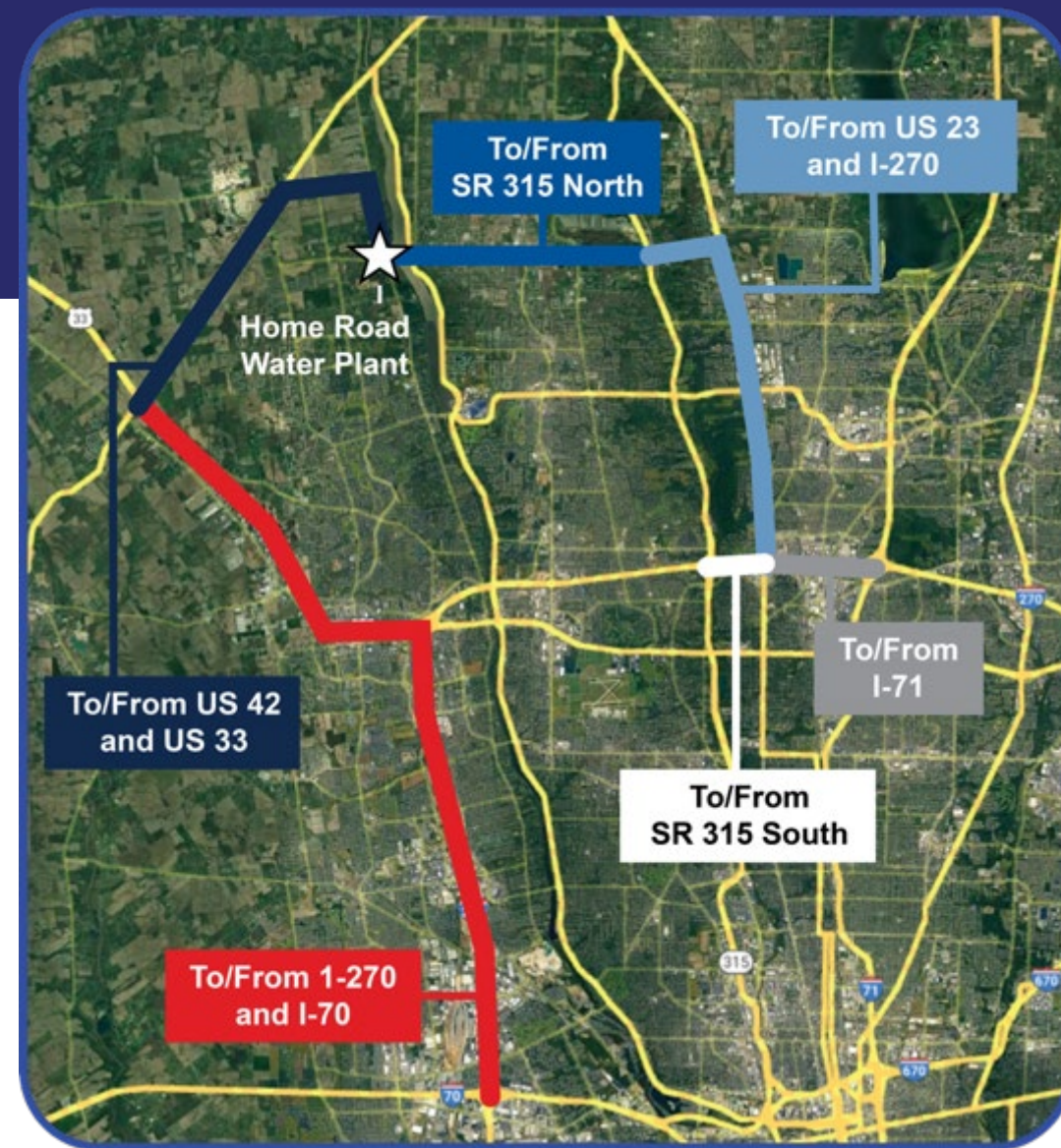
**1. Site Preparation**

**2. Water Plant Facility**



# Traffic Routes - Overview

- Route Home Road Water Plant construction traffic through less developed areas
- Minimize the use of local roadways





# Local Traffic Routes - Overview

- US 42
- State Route 745 (Dublin Road)
- County roads
  - Home Road
  - Moore Road
  - S. Section Line Road



# Pause for Discussion

# Public Outreach

**Marie Keister, AICP, APR**

Public Information/Engagement





# Public Outreach



- Website <https://cbuswater.com>
- Mailed postcards
- Business cards
- Pop-up engagement
- Literature drops at libraries and community centers



# In-Person and Virtual Public Meetings



- In-Person Public Meeting 2
  - Tuesday, December 3, 2024  
6:00-8:00 PM
  - Dublin Community Recreation Center (Talla Rooms 2-3)
  - 5600 Post Rd,  
Dublin, OH 43017
- Virtual Bluebeam Meeting
  - December 11, 2024



# Tools to Promote the Meetings



## All About Water!

**Learn the latest about the new Home Road Water Plant and Water Plant Transmission Mains**

The City of Columbus is building the new Home Road Water Plant to meet the growing need for clean, safe drinking water in central Ohio. It will be built along the Scioto River near the corner of Home and Dublin roads in Delaware County. Two water transmission mains will connect the new plant to the Columbus water distribution system near the Blazer Parkway area, and other strategic areas in northwest Columbus.

You're invited to the second public meeting to receive updates on the Home Road Water Plant and Transmission Mains projects.

**Public Meeting #2**  
Tuesday, December 3, 2024  
6:00-8:00 p.m.

Dublin Community Recreation Center  
(Talla Rooms 2 and 3)  
5600 Post Rd, Dublin, OH 43017

Presentation will begin promptly at 6:00 p.m., followed by a facilitated question-and-answer session and an open house.

Learn more at [cbuswater.com](http://cbuswater.com)



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**December 3**

THE CITY OF COLUMBUS  
ANDREW J. GINTHER, MAYOR  
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# Pause for Questions





# Thank You

Please email your WPTM comments and any related data to Katie Nolan, P.E. at [katie.nolan@greshamsmith.com](mailto:katie.nolan@greshamsmith.com).  
Please email your HRWP comments and any related data to Molly Geissman at [mgeissman@hazenandsawyer.com](mailto:mgeissman@hazenandsawyer.com).

