



Home Road
Water Plant

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

Home Road Water Plant Contractor Information Meeting

August 2, 2024

Welcome and Introductions

- City staff
- Hazen staff



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Home Road Water Plant (HRWP) Project Overview

- Scheduled to bring plant online by the end of 2030
- Initial capacity 48 MGD, expandable to 80 MGD.
- Plant located in Delaware County – Southeast corner of SR 745/Home Road Intersection, west side O’Shaughnessy Reservoir.
- Separate contracts to design/construct transmission mains from HRWP to Columbus distribution system.
- Completed 30% Detailed Design and continuing Detailed Design. Concepts/ideas shared during presentation are subject to change.
- Currently, two planned construction contracts.
 - **Site Preparation Contract**
 - **HRWP Contract**
- Project information, updates can be found at <https://cbuswater.com/home-road-water-plant/>



Updated Project Phases & Schedule

Now, the Home Road Water Plant project is planned to be constructed in two phases:

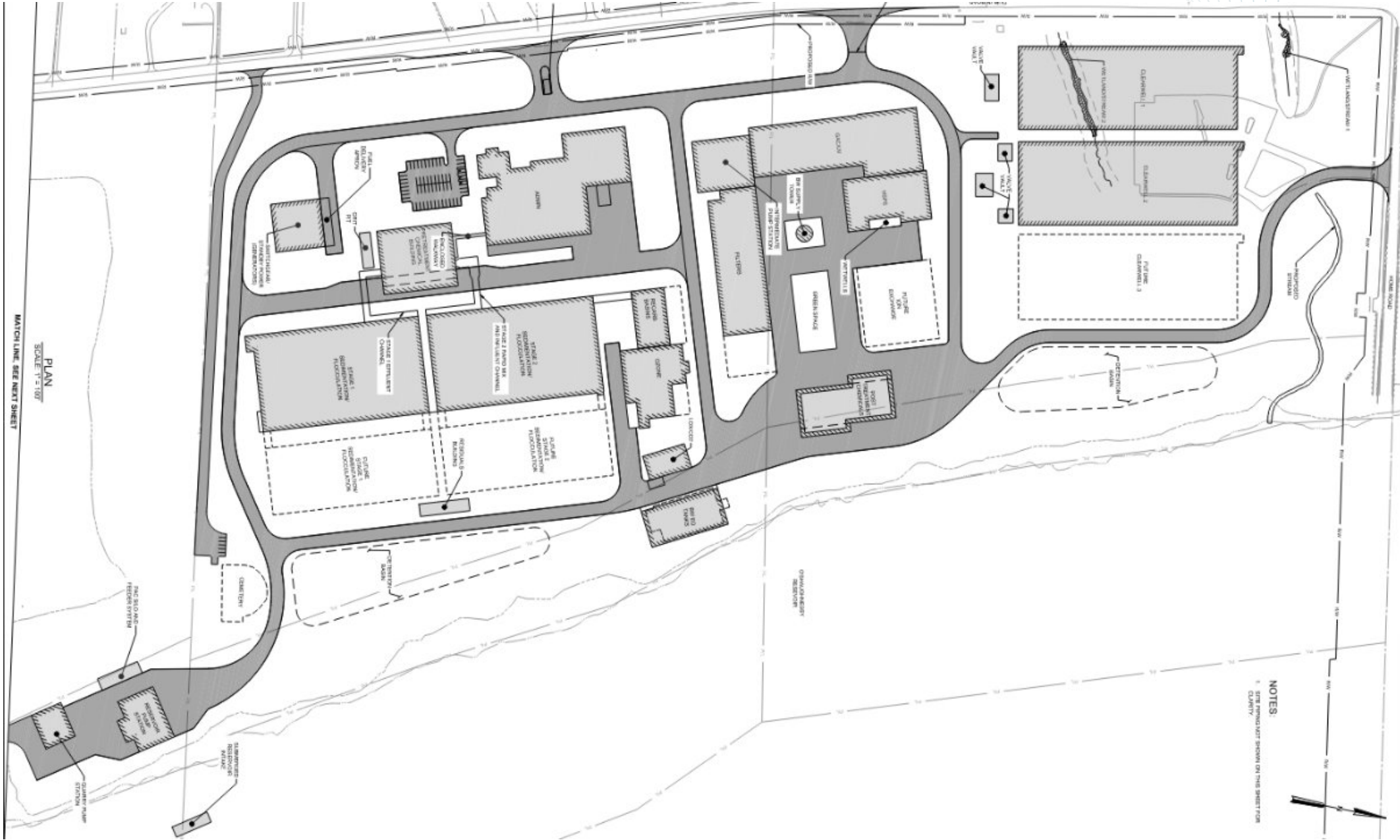
1. Site Preparation

2. Water Plant Facility



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MATCH LINE, SEE NEXT SHEET
 PLAN
 SCALE: 1" = 10'

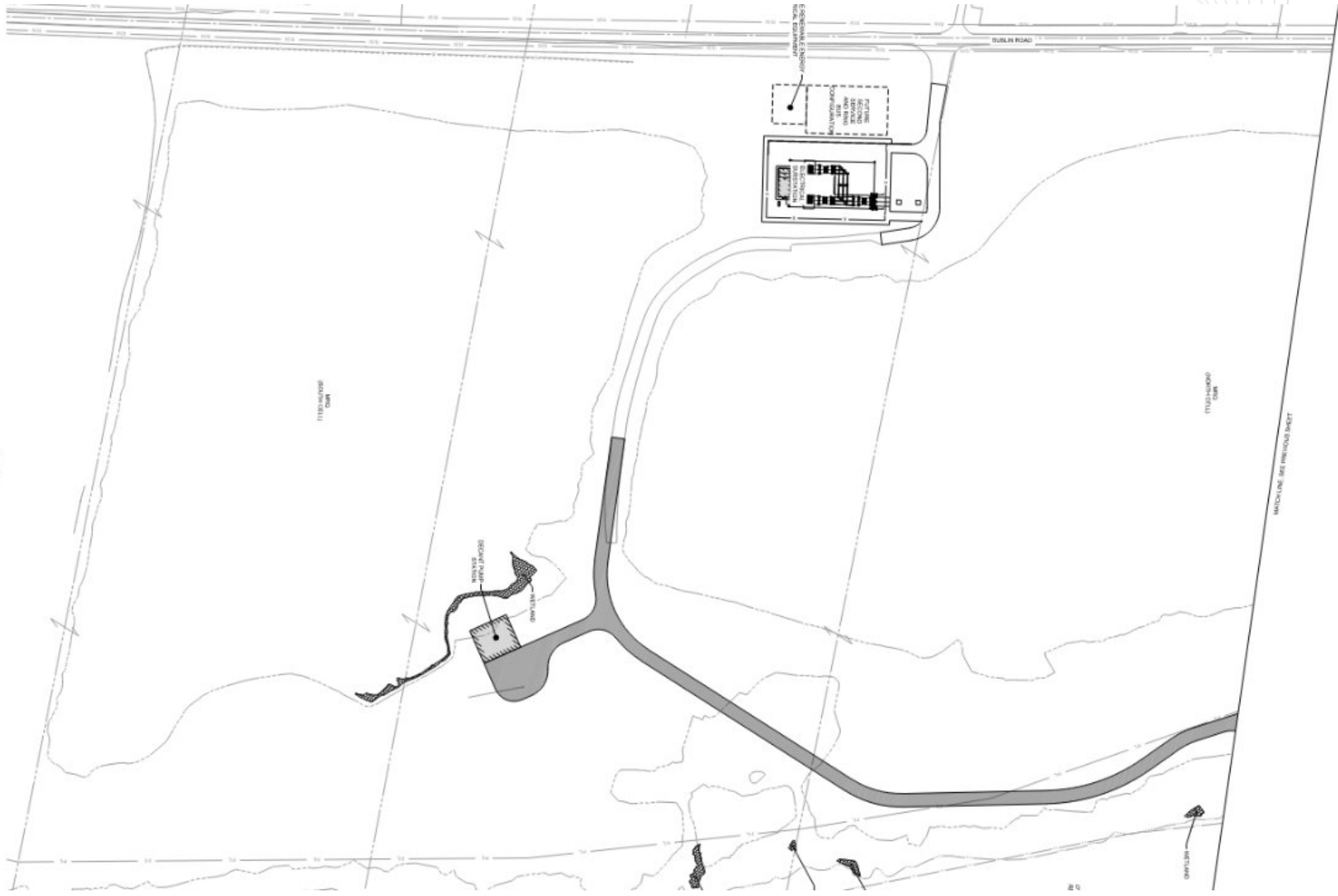
NOTES
 1. SITE FUNDING NOT SHOWN ON THIS SHEET FOR CLARITY



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Site Preparation Contract – Project Schedule and Details

- Schedule
 - Bid Advertisement: August 26, 2024
 - Bid Opening: October 2024
 - Anticipated NTP: February 2025
 - Construction: February 2025 - December 2027
- Project Details
 - Cost Estimate: \$165M
 - Site work at 138kV substation
 - Construction of 138kV substation
 - Duct bank from substation to HRWP electrical manhole
 - Site clearing, tree removal
 - Existing utility, pavement and building demolition
 - Bedrock removal
 - Widening Dublin Road for dedicated turn lanes for access to HRWP.
 - Sediment & erosion control, storm sewers



HRWP – Project Schedule

- Bid Advertisement: June 2025
- Bid Opening: September 2025
- Anticipated NTP: December 2025
- Substantial Completion: April 2030
- Final Completion: October 2030



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HRWP – Project Details

- Preliminary Estimate: \$1.352B
- Work Moved into HRWP Contract from previous Early Electrical Package
 - Duct bank between HRWP electrical manhole and HRWP Primary Electrical Building
 - Procurement/installation of diesel generators
 - Procurement/installation of main switchgear at HRWP
 - Procurement/installation of high service pump station switchgear at HRWP
 - Procurement/installation of unit substations at HRWP
- Intake in O’Shaughnessy Reservoir
- Raw water pump station
- Intake/pump station in North Cell of Merchant Road Quarry
- Residuals disposal in the South Cell of Merchant Road Quarry
- All water plant facilities not constructed under the Early Site Preparation Contract (e.g., administration/maintenance building, treatment structures/buildings, clearwells. high service pump station, etc.)



Project Bidding Requirements

- Prequalification of Bidders

- Bidders must be qualified at the time of bid opening
- See Announcement for timing – apply at least 30 days prior to bid opening

<https://www.columbus.gov/Government/Departments/Finance-and-Management/Construction-Management/Office-of-Construction-Prequalification>

- MBE/FBE Registration

- Small business participation goals will be included in these projects. Goal for Site Preparation Contract is 20%.
- Firms used to meet MBE/FBE goals (both prime or subs) must be registered with the City
- Highly encouraged to be registered at the time of bid opening

[City of Columbus \(diversitycompliance.com\)](http://diversitycompliance.com)



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Questions

- Submit questions to lcunningham@hazenandsawyer.com



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