

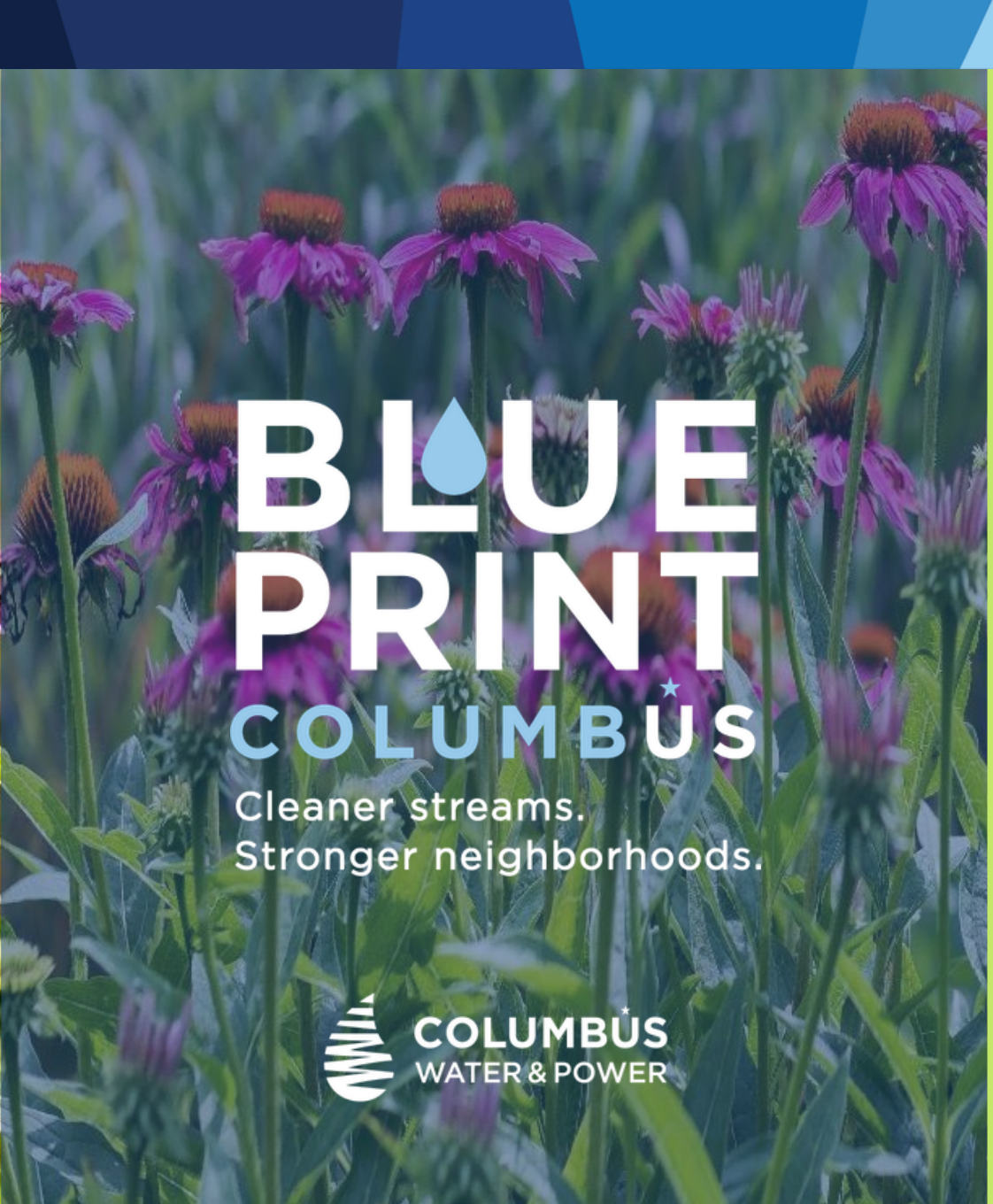
**BLUE
PRINT
COLUMBUS**

Cleaner streams.
Stronger neighborhoods.

Walhalla Ravine Restoration Project

Pre-Construction Kickoff

September 10, 2026 | 6:00 – 7:30 p.m.



BLUE PRINT COLUMBUS

Cleaner streams.
Stronger neighborhoods.



COLUMBUS
WATER & POWER

Welcome

Moderator

STEPHANIE WEYKAMP
Blueprint Columbus
RAMA Consulting

Presenters

CAMERON KEIR
Columbus Water & Power

RACHAEL MULLANEY P.E
Design Engineer, Stantec

Project Team

PRIME AE

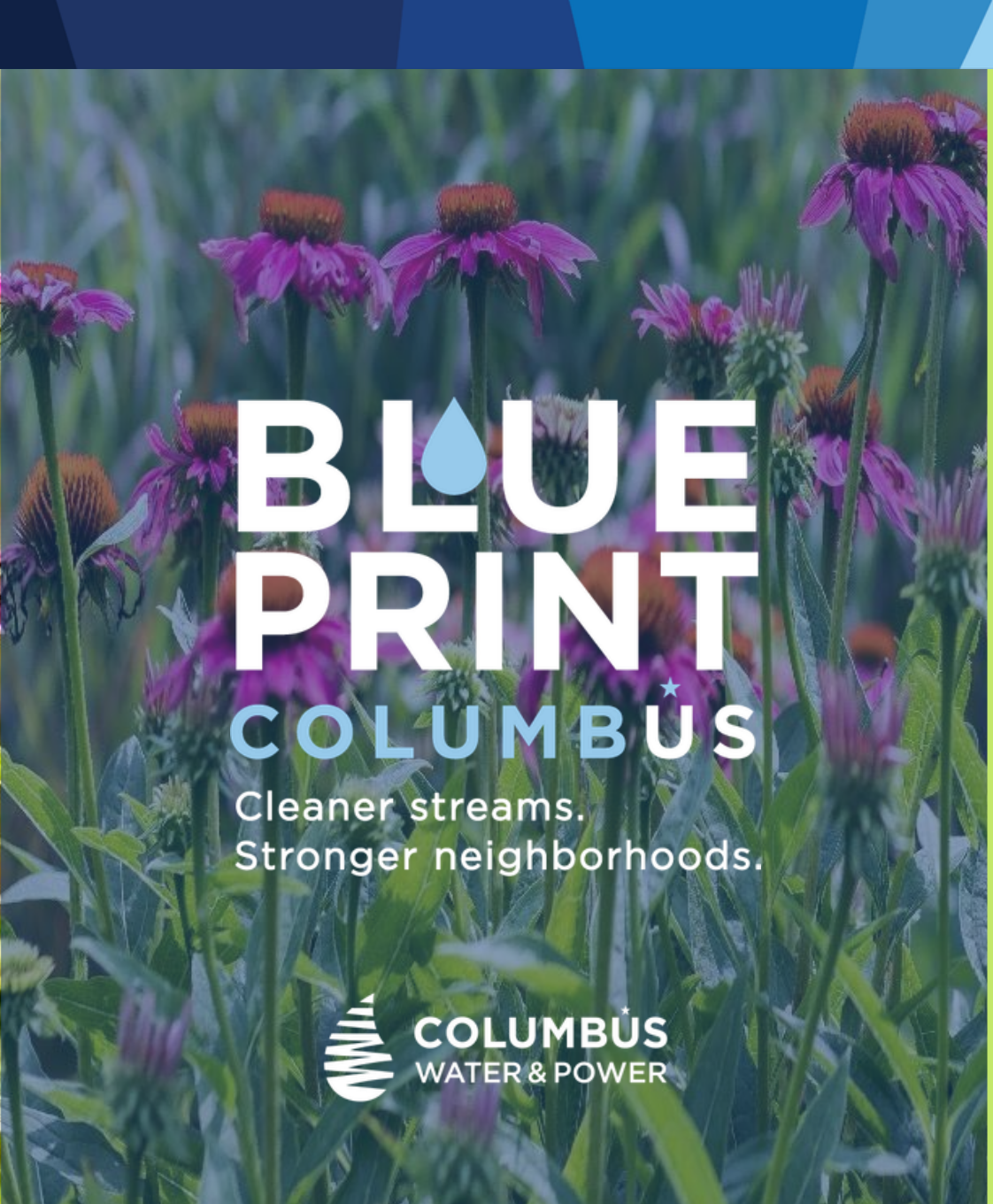
Construction Management/Inspection

STANTEC

Design Engineering

COMPLETE GENERAL

Contractor



BLUE PRINT COLUMBUS

Cleaner streams.
Stronger neighborhoods.



Agenda

- Blueprint 101:
A Refresher
- Construction Plans:
A Deeper Dive
- Timeline
- What's Next?
Outreach
- Q&A
- Open House

Blueprint 101

A Refresher

CAMERON KEIR

Columbus Water & Power

City of Columbus



Consent Orders

2002 SSO (Sanitary Sewer Overflow) Order

Requires Columbus to address SSOs by providing adequate system capacity for base and peak flows

- Original plan submitted in 2005
- Original plan included two 14-mile deep sewer tunnels
- “Blueprint Alternative” submitted and approved by Ohio EPA in 2015

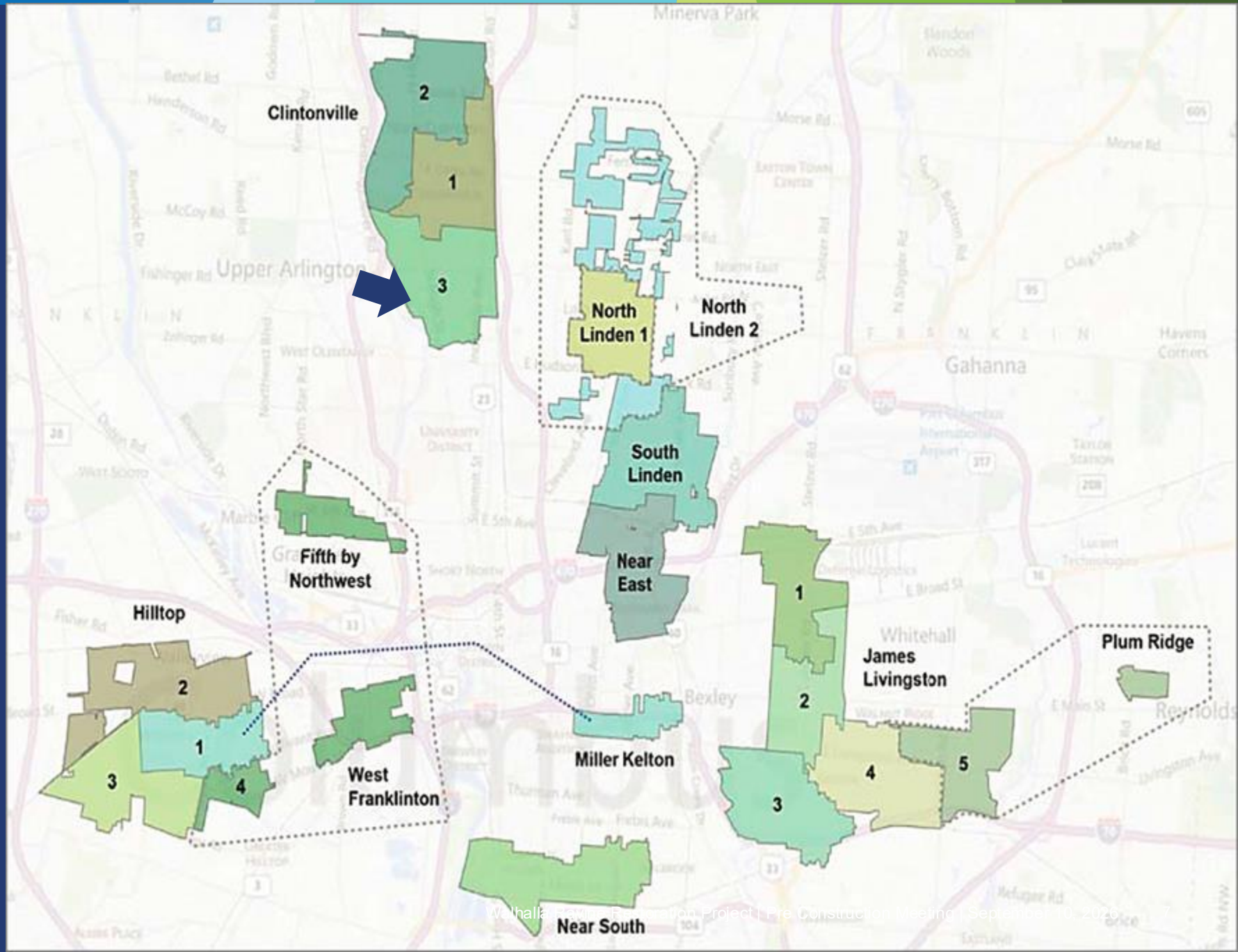
2004 CSO (Combined Sewer Overflow) Order

- Plan submitted in 2005
- OARs tunnel completed July 2017
- CSO volumes have reduced dramatically

NOTE: Blueprint is NOT a flooding mitigation program by design alone

Blueprint Columbus

18,404 acres &
21 project areas
throughout
Columbus



The Four Pillars: How We Accomplish Our Goals

GOAL 1: Reduce sanitary sewer overflows



Lateral Lining

Seals aging sewer pipes from the inside. This minimally invasive process prevents rainwater from entering the sanitary sewer system, reduces overflows and extends the life of existing infrastructure.



Sump Pumps

Manage groundwater at the foundation. An automated pit and float system pumps excess water away from the building—reducing pressure on the sanitary sewer system.



Roof Water Redirection

Manages stormwater above ground. In limited circumstances, eligible homes may connect downspouts to the street—directing rainwater to the storm sewer where it belongs.

GOAL 2: Treat stormwater before it enters our rivers and streams



Green Infrastructure

Captures, slows and treats stormwater at the surface. Rain gardens, permeable pavement and swale cells naturally filter runoff before it reaches the storm sewer—improving the health of our watershed.

Goal of Green Infrastructure



Rainwater picks up pollutants as it rushes down the street



Pervious pavement lets rain seep through and filters out pollutants

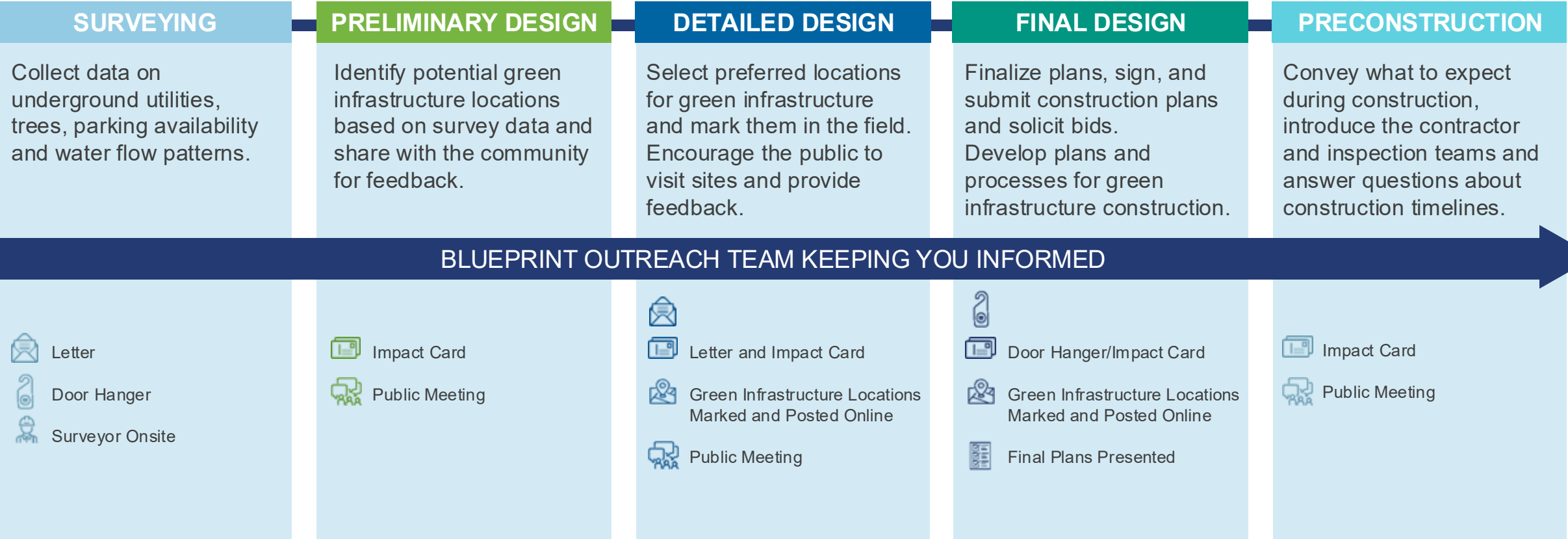


GOAL: Improve stormwater discharges

Project Overview and Schedule

Project Schedule

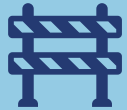
 Current Phase – Walhalla Ravine



Construction Schedule



Complete General is scheduled to begin construction on October 1st, 2026



The ravine will be closed to pedestrians and vehicles in the project area between Clinton Heights and Longview Ave for the duration of the project



There will be a break in construction starting December 18th for winter

Construction Schedule – Road Closures



Road closure will begin October 1st from Clinton heights to Longview Ave. and will remain closed for duration of the project.



The remaining section of Walhalla Rd. to High Street will be 2-way traffic for the duration of the project.



The ravine will be closed to pedestrians and vehicles in the project area between Clinton Heights and Longview Ave for the duration of the project

Invasive Species Removal

- Last fall, we went through the ravine to mark invasive trees for removal
- In early 2026, Honeysuckle and Tree of Heaven were removed from the ravine
- 75 invasive trees were removed from the project area



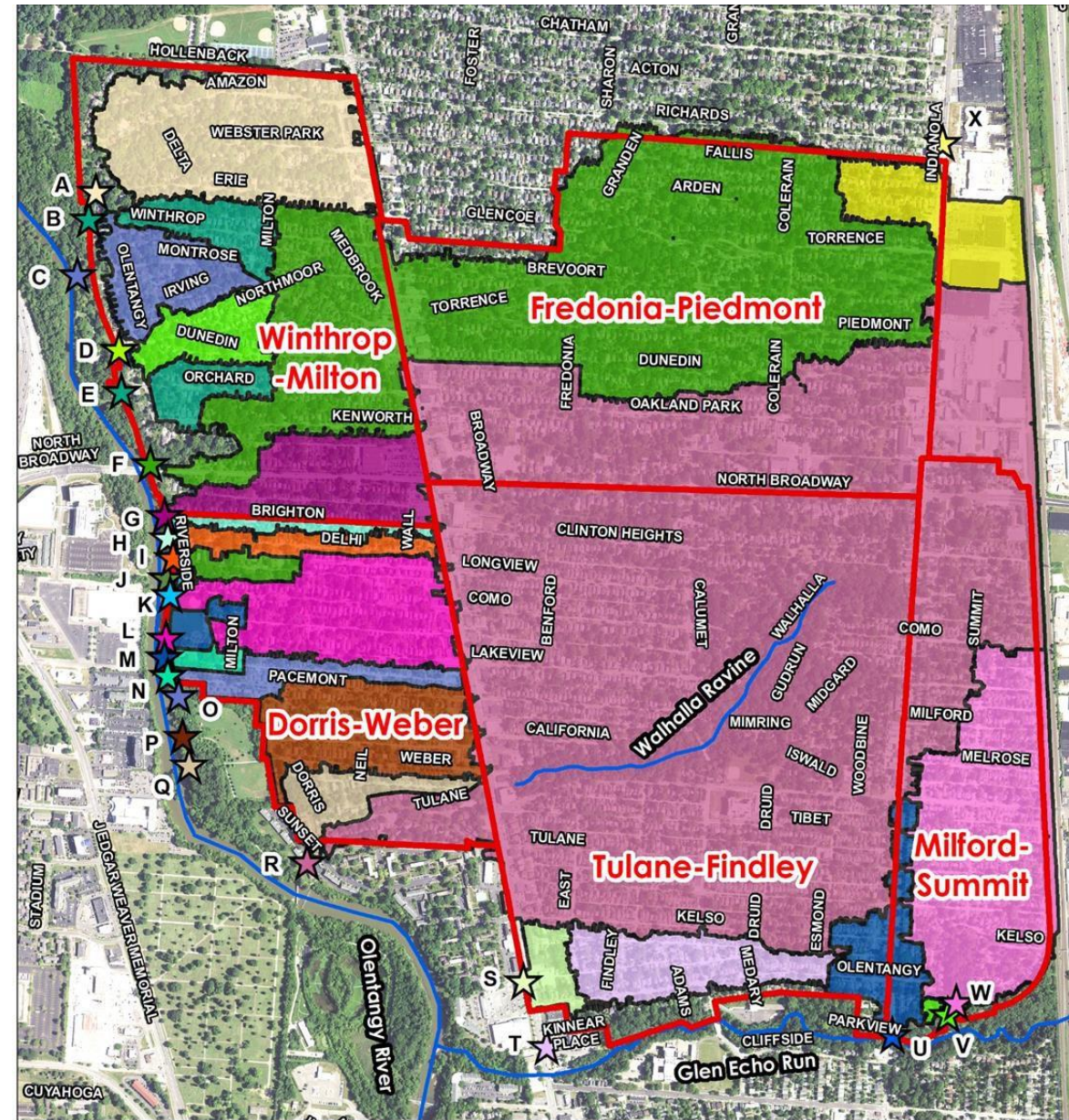
Trees

- How many native trees will be lost due to this project?
 - ~14 trees 8" DBH or greater
 - Additional brush clearing taking place ~15 ft from the road

ADDRESS	DIAMETER	SPECIES
310 WALHALLA ROAD	18"	OAK
402 WALHALLA ROAD	12"	ASH
402 WALHALLA ROAD	12"	MAPLE
402 WALHALLA ROAD	12"	BLACK CHERRY
402 WALHALLA ROAD	12"	ELM
434 WALHALLA ROAD	8"	ASH
434 WALHALLA ROAD	36"	OAK
446 WALHALLA ROAD	10"	MAPLE
446 WALHALLA ROAD	18"	SYCAMORE
446 WALHALLA ROAD	24"	SYCAMORE
454 WALHALLA ROAD	8"	ASH
454 WALHALLA ROAD	12"	MAPLE
454 WALHALLA ROAD	12"	MULBERRY
454 WALHALLA ROAD	16"	OAK

The Big Picture

- Walhalla Ravine is located within the Tulane-Findlay project area
- Restoring banks along the Walhalla prevents sediment from entering the Olentangy River
- Green infrastructure design and implementation continues across Clintonville 3



Ravine Update

RACHAEL MULLANEY P.E.

Design Engineer

Stantec

Final Rendering – From Street



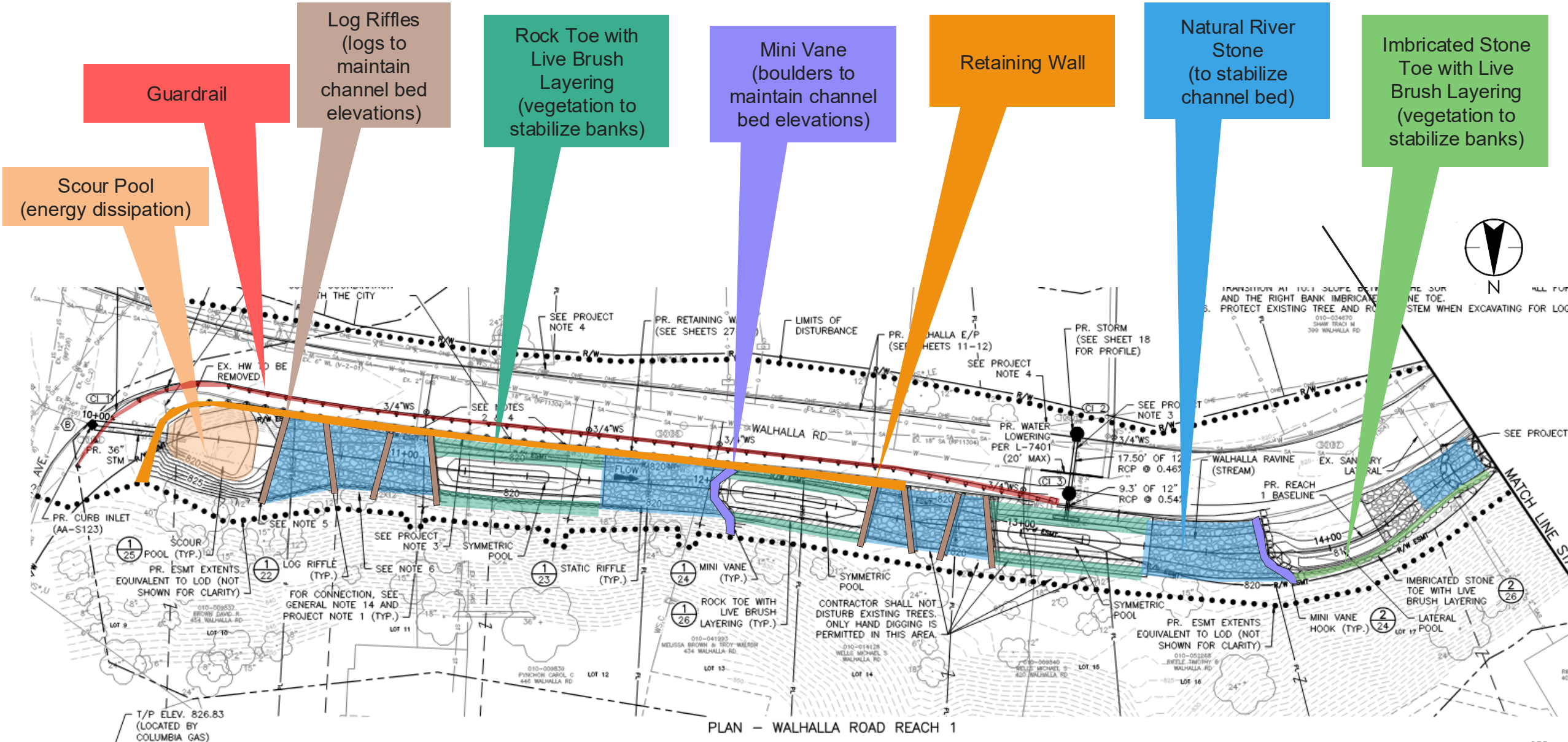
Final Rendering – From Stream

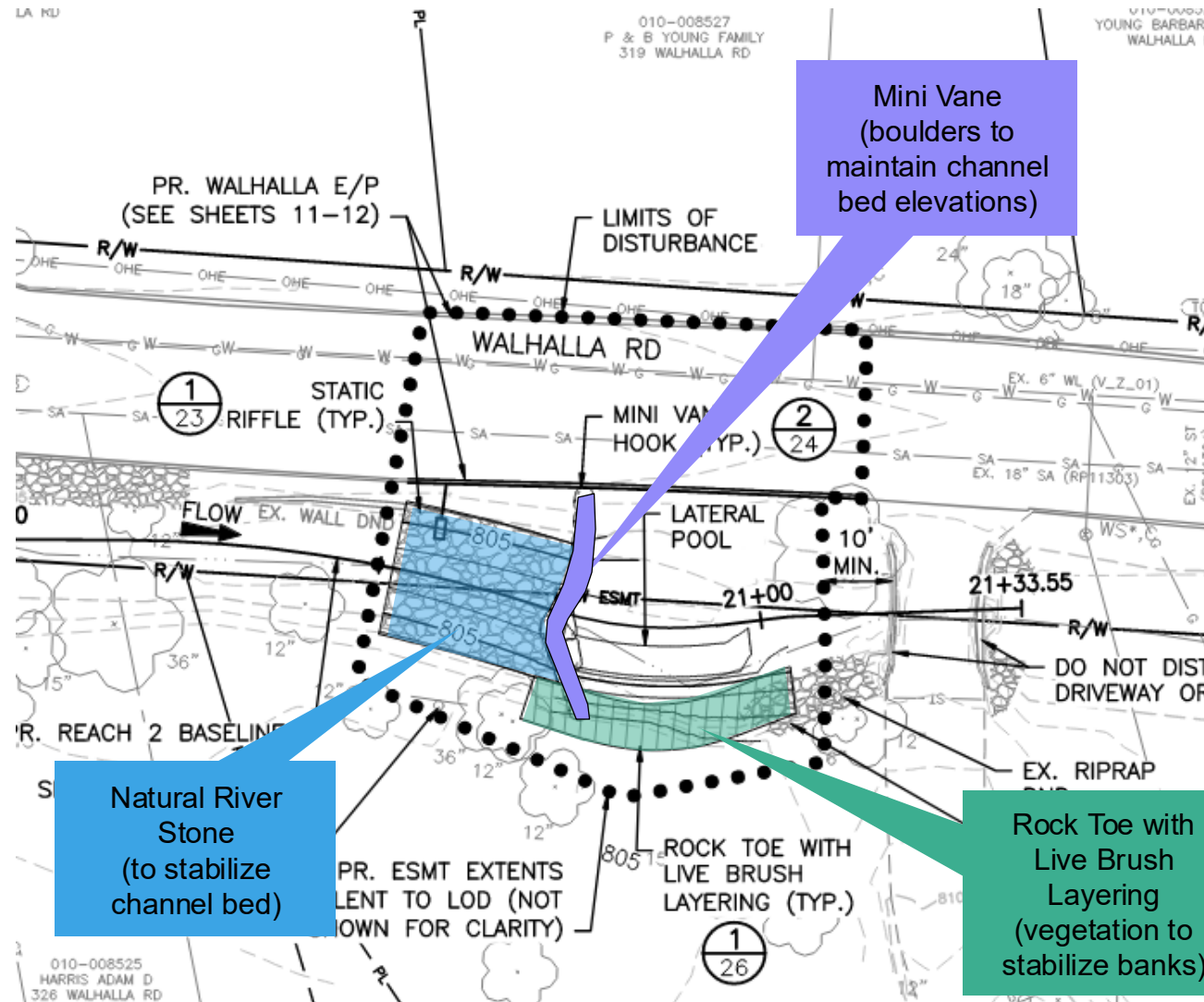


Benefits of Ravine Restoration

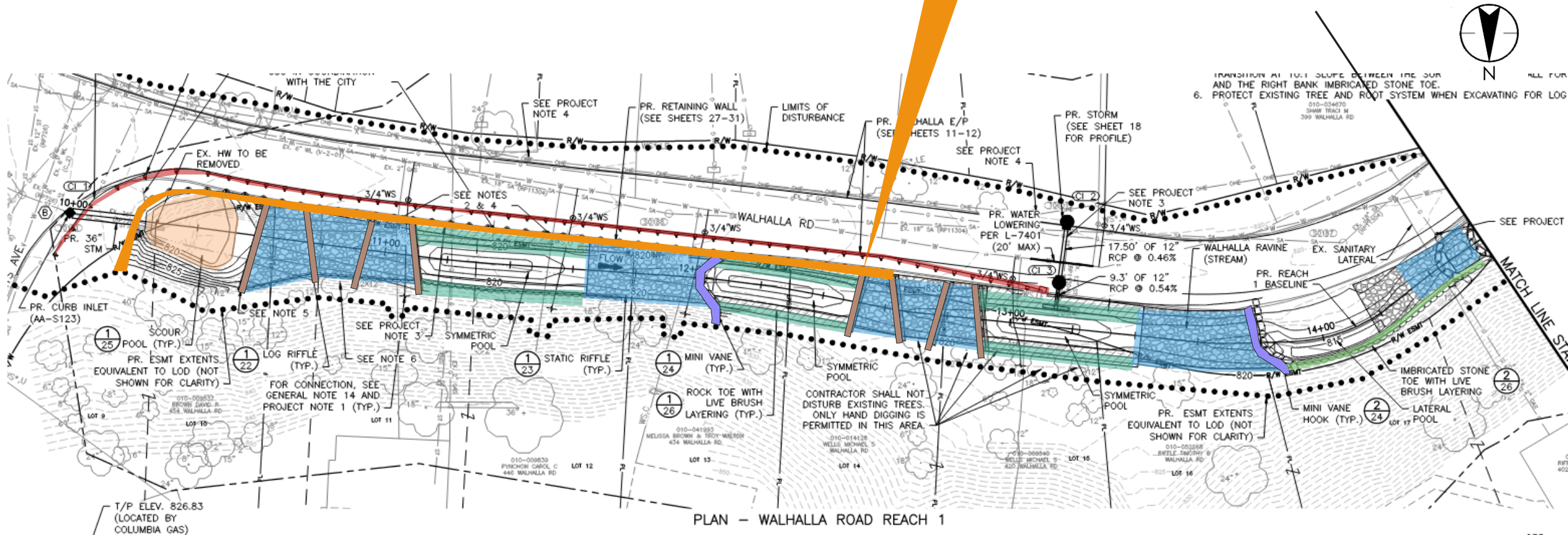
- Bank stabilization – prevents total suspended solids (TSS/pollution) from entering waterways
- Native vegetation restoration – ~565 plantings proposed
 - Enhances biodiversity and provide shade and refuge for aquatic life
- Increased energy dissipation and dissolved oxygen



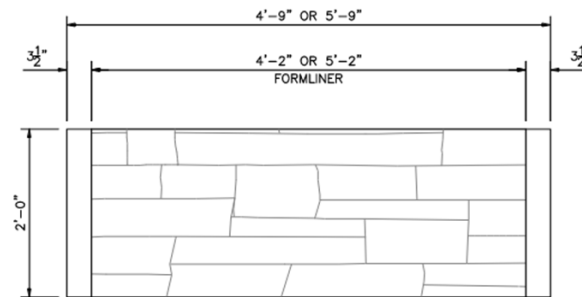
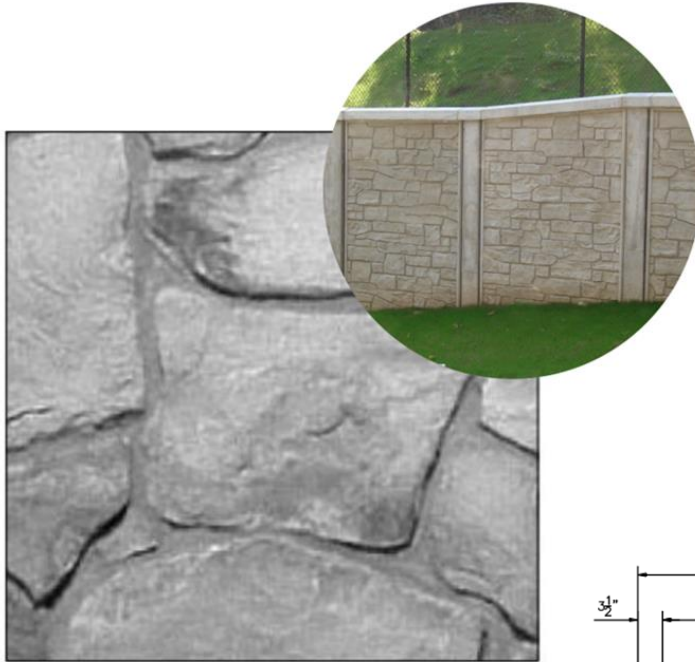




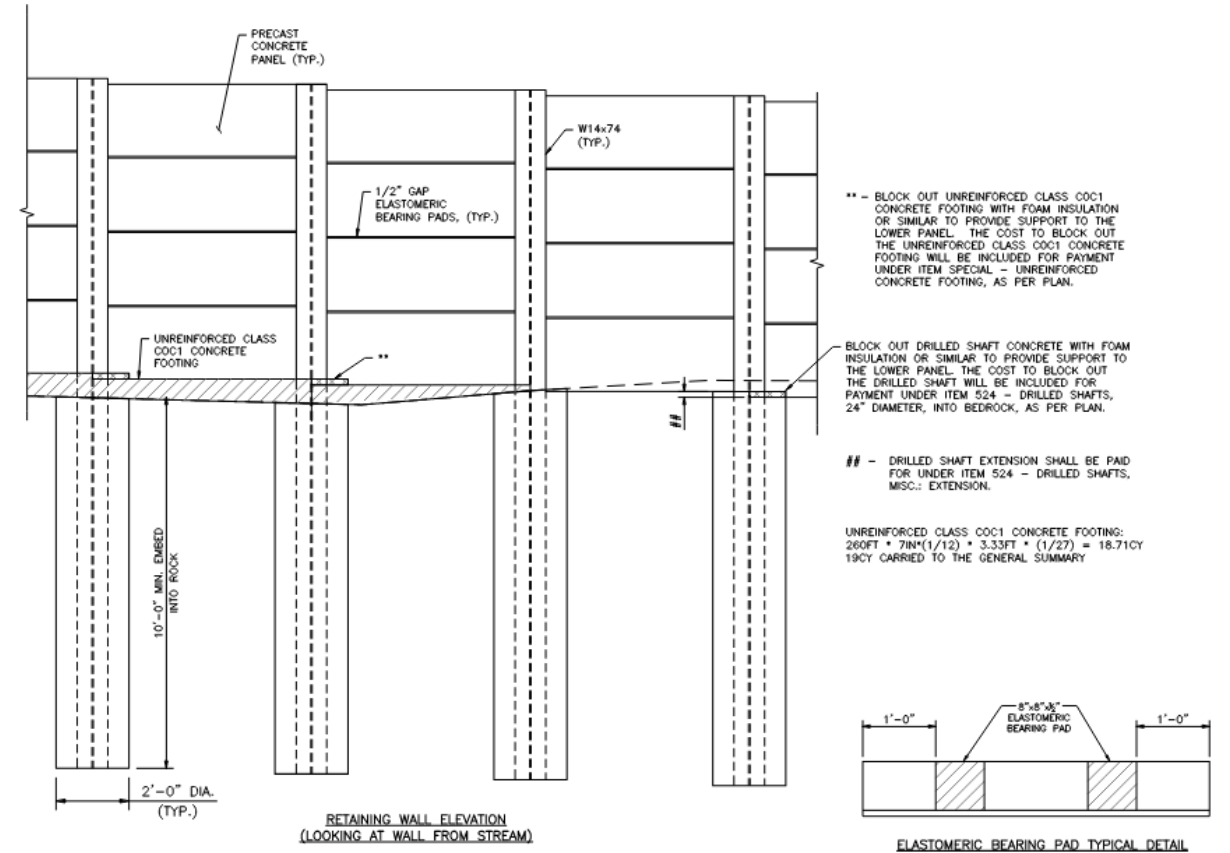
Retaining Wall



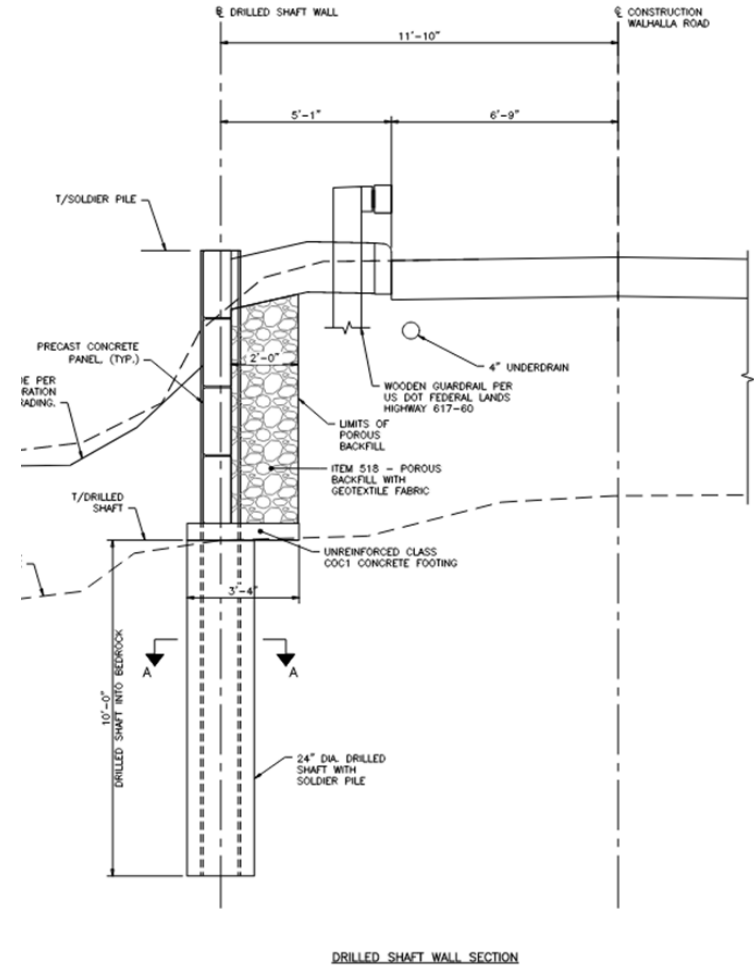
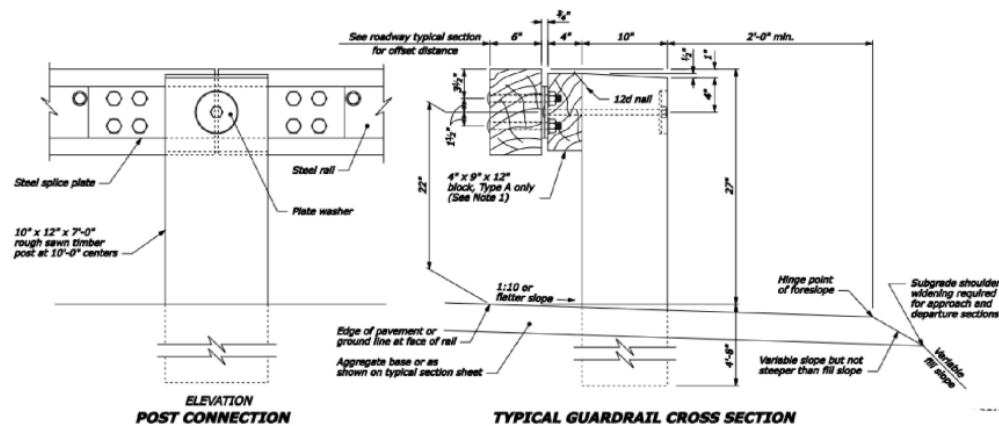
Retaining Wall



PRECAST PANEL FORMLINER DETAIL
SCALE: 1"=1'

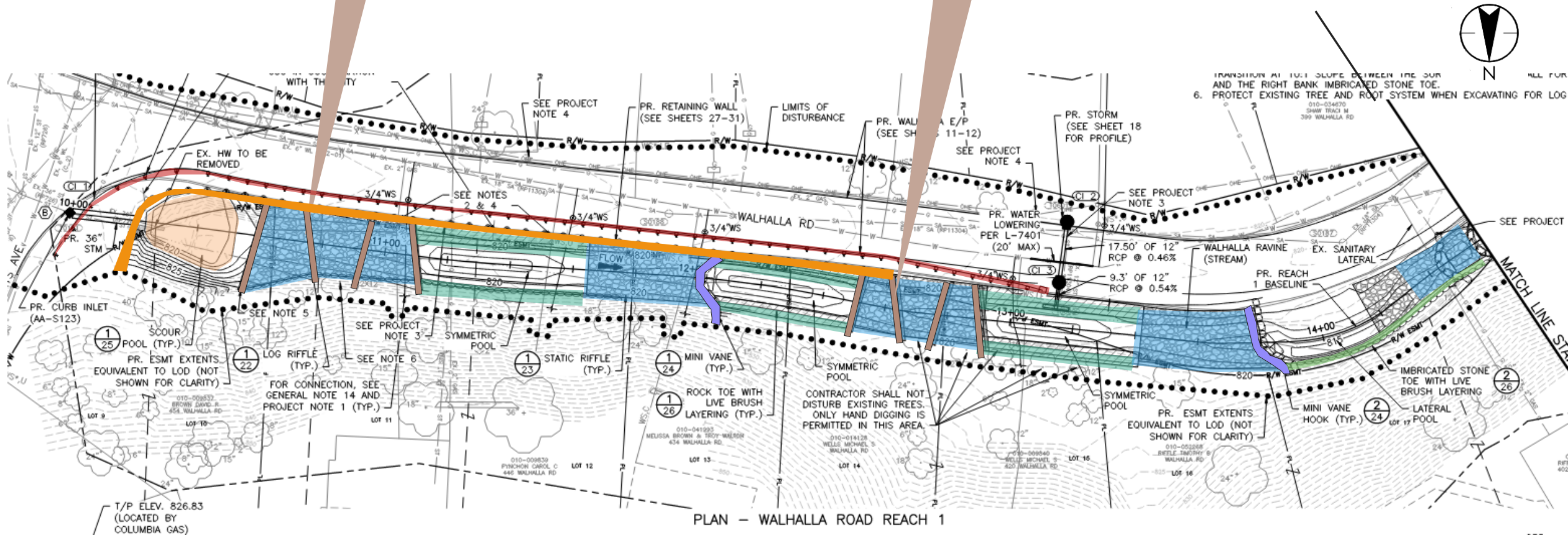


Guardrail

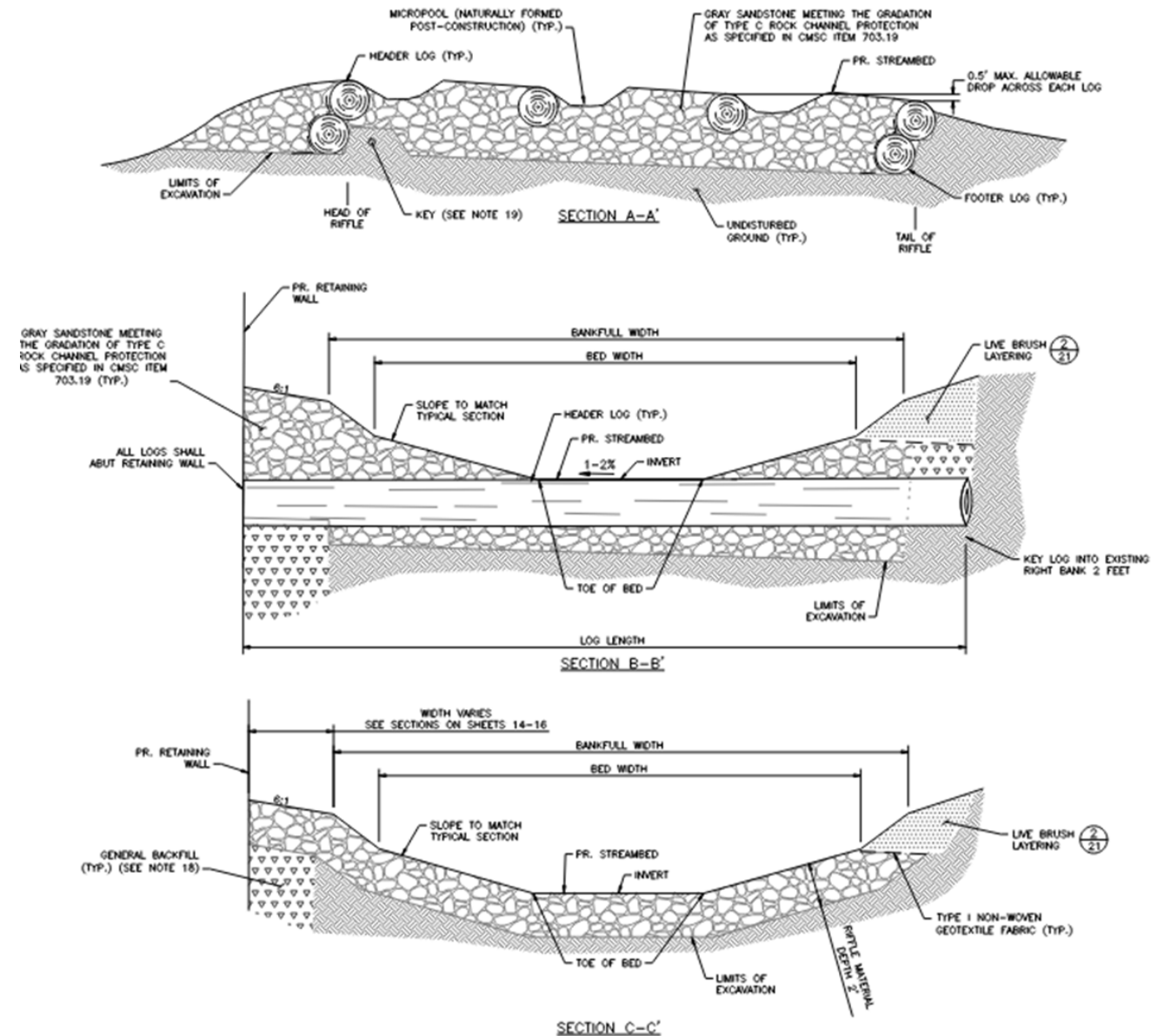


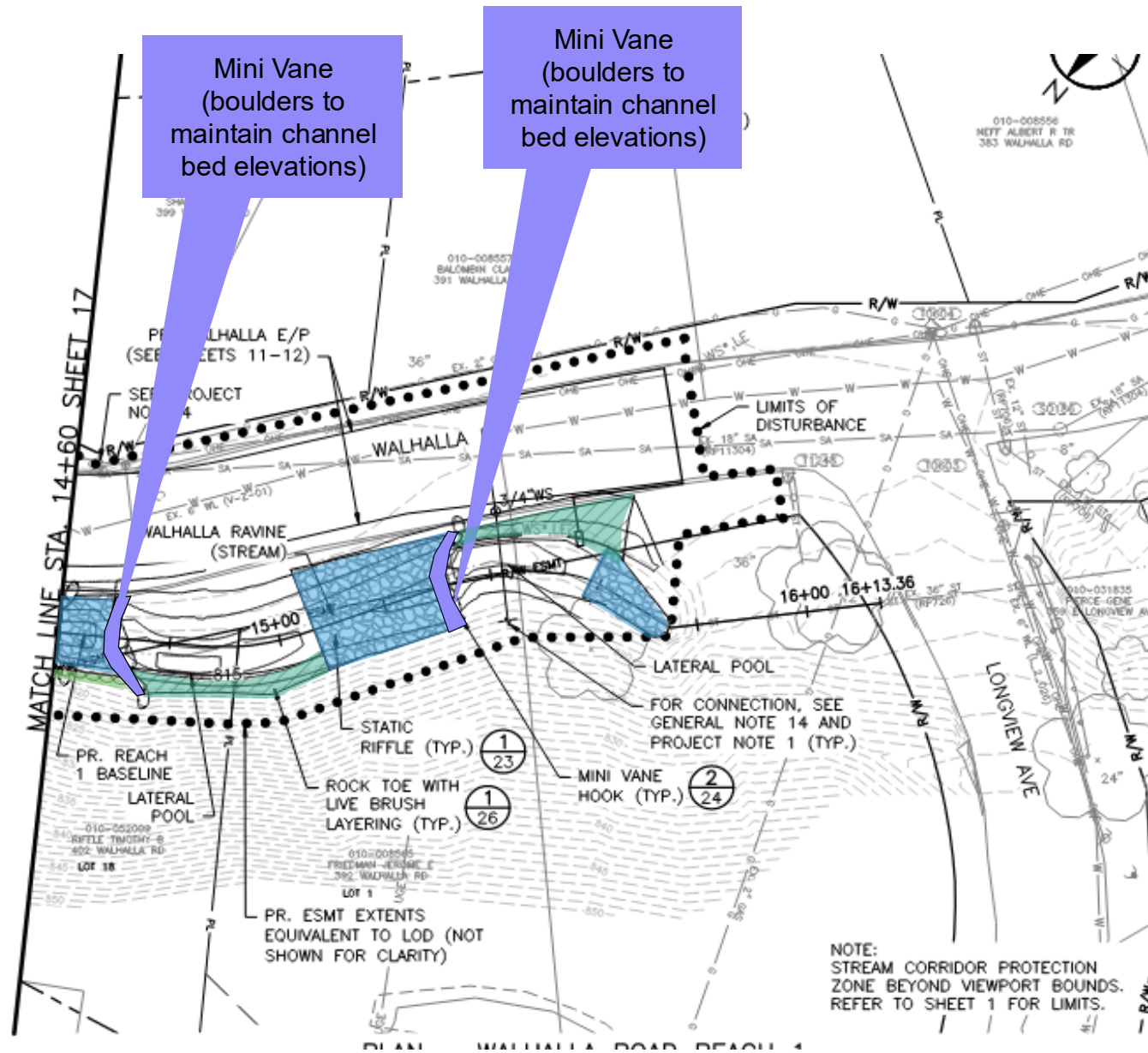
Log Riffles
(logs to
maintain
channel bed
elevations)

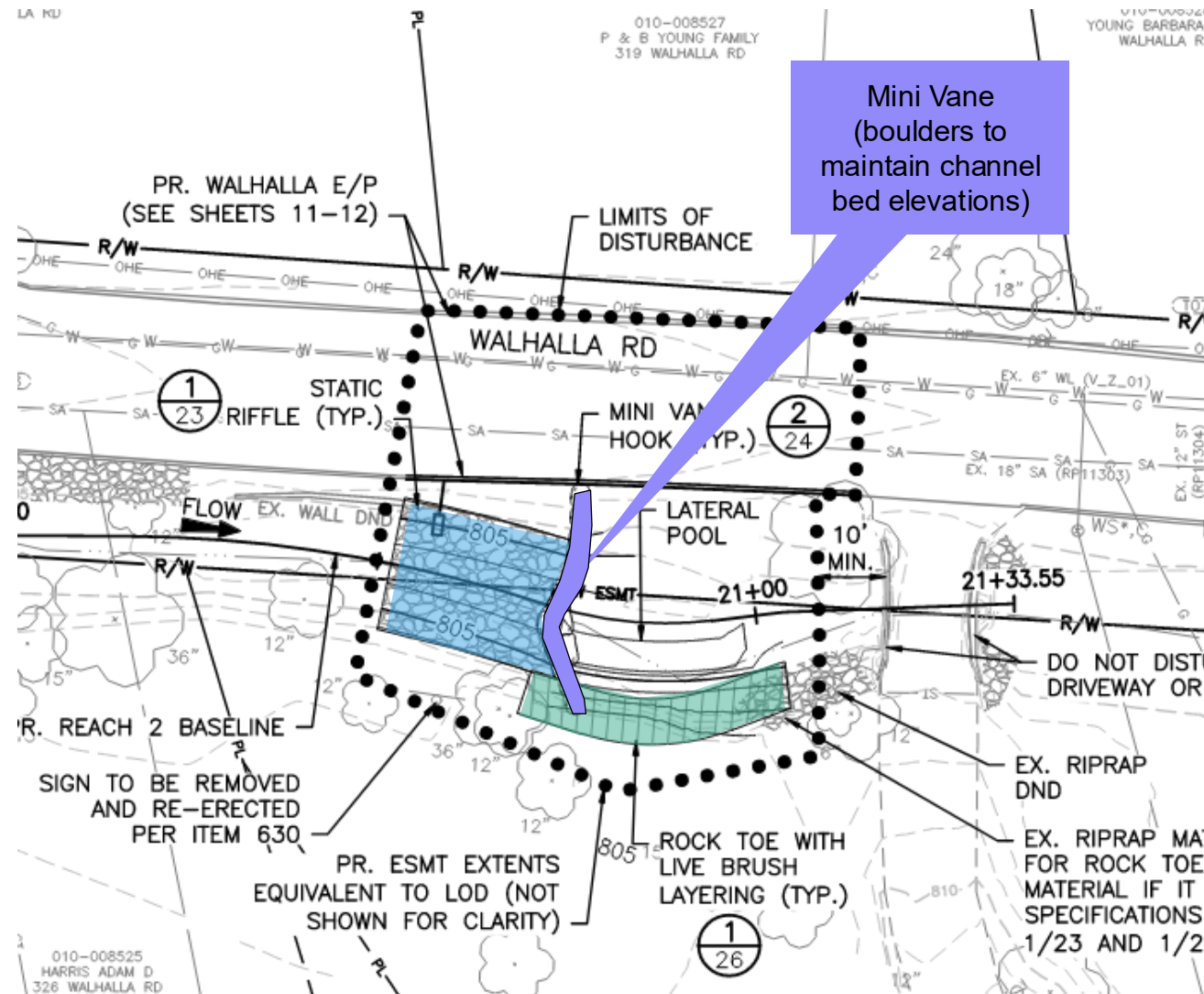
Log Riffles
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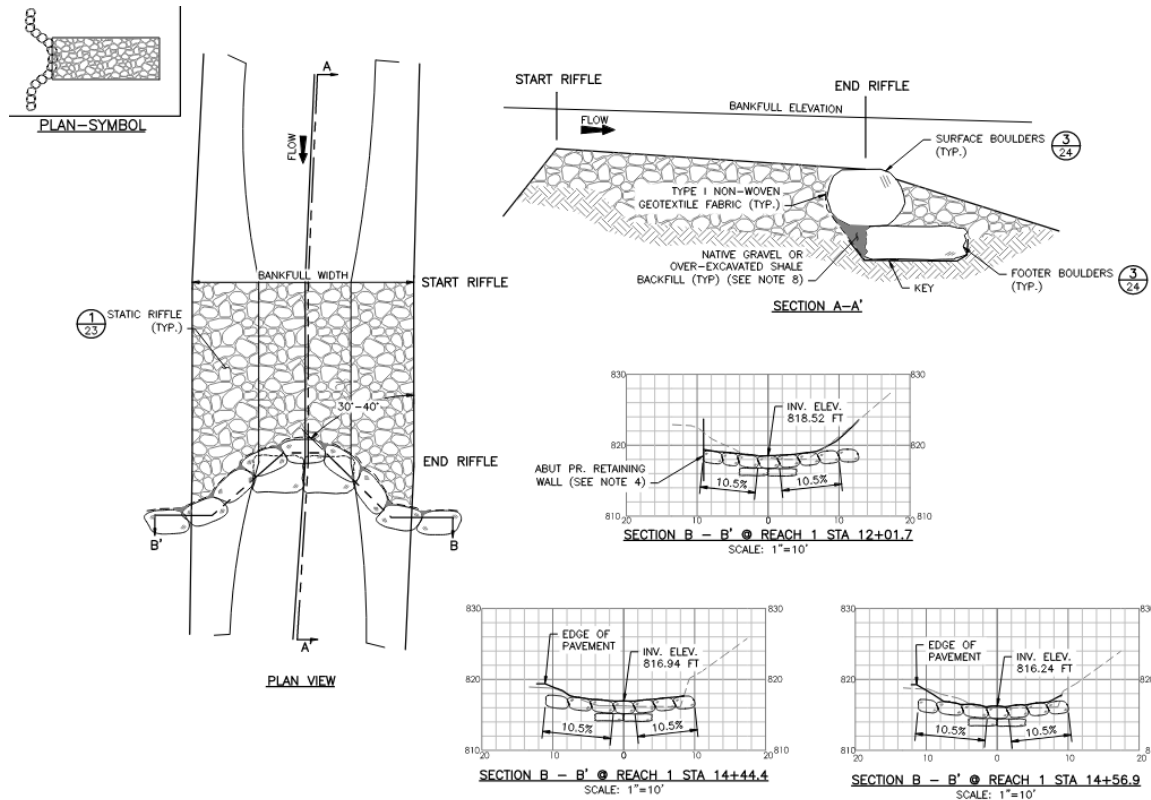
Log Riffle







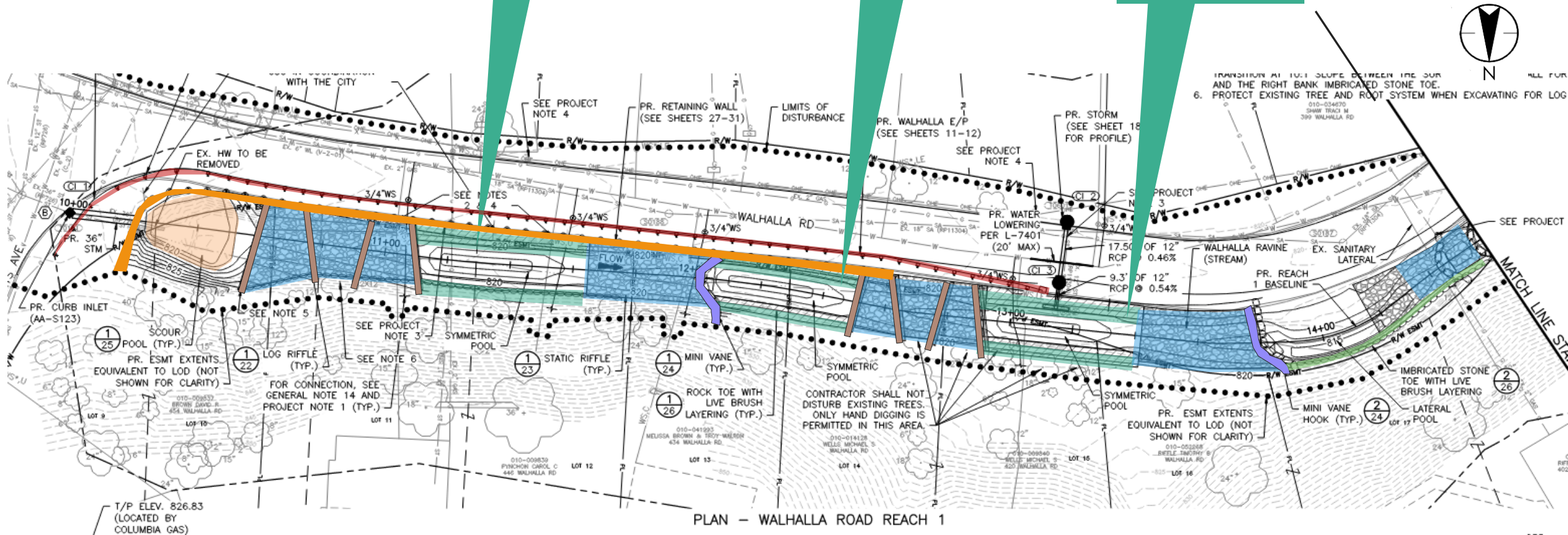
Mini Vane

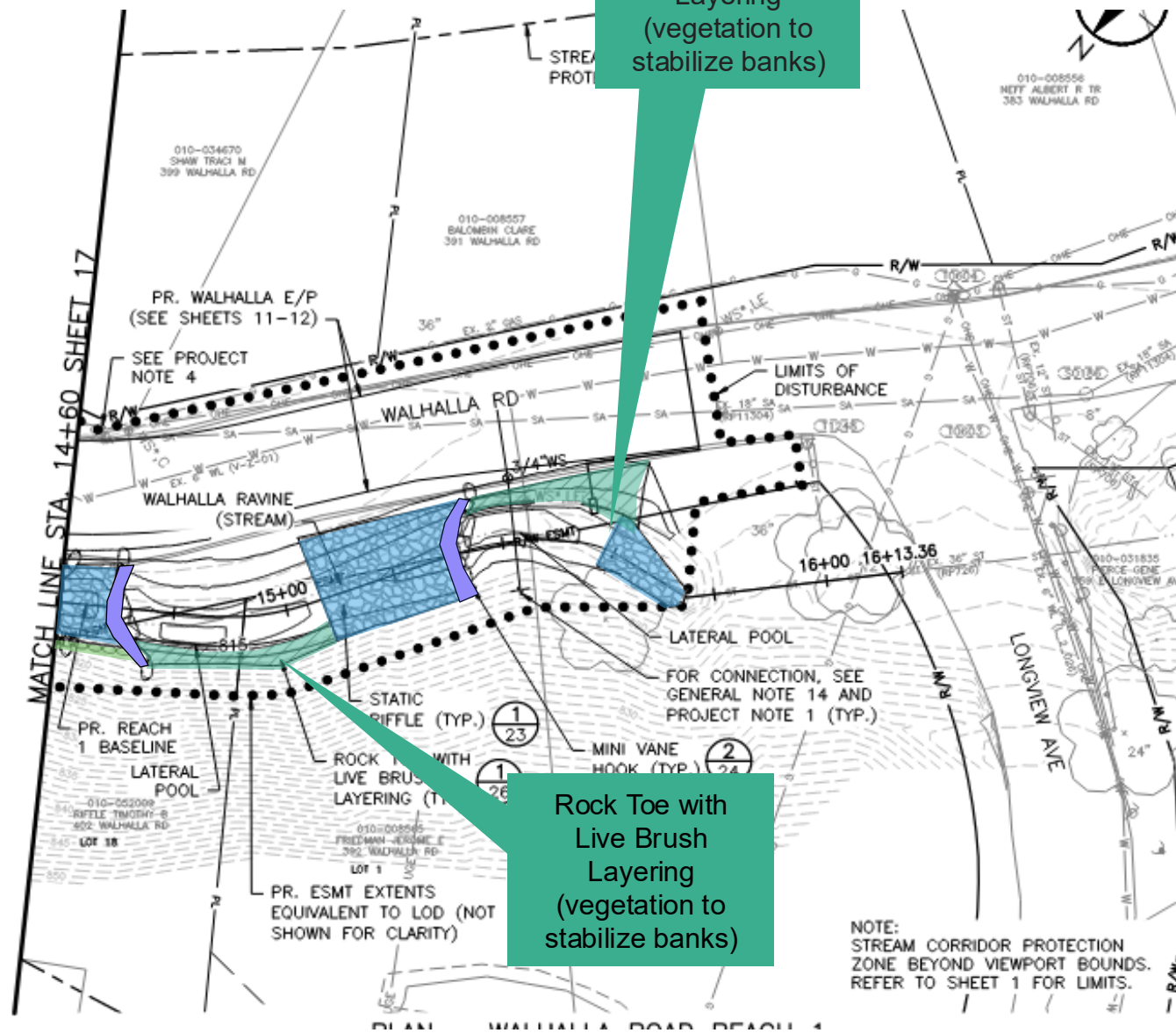


Rock Toe with
Live Brush
Layering
(vegetation to
stabilize banks)

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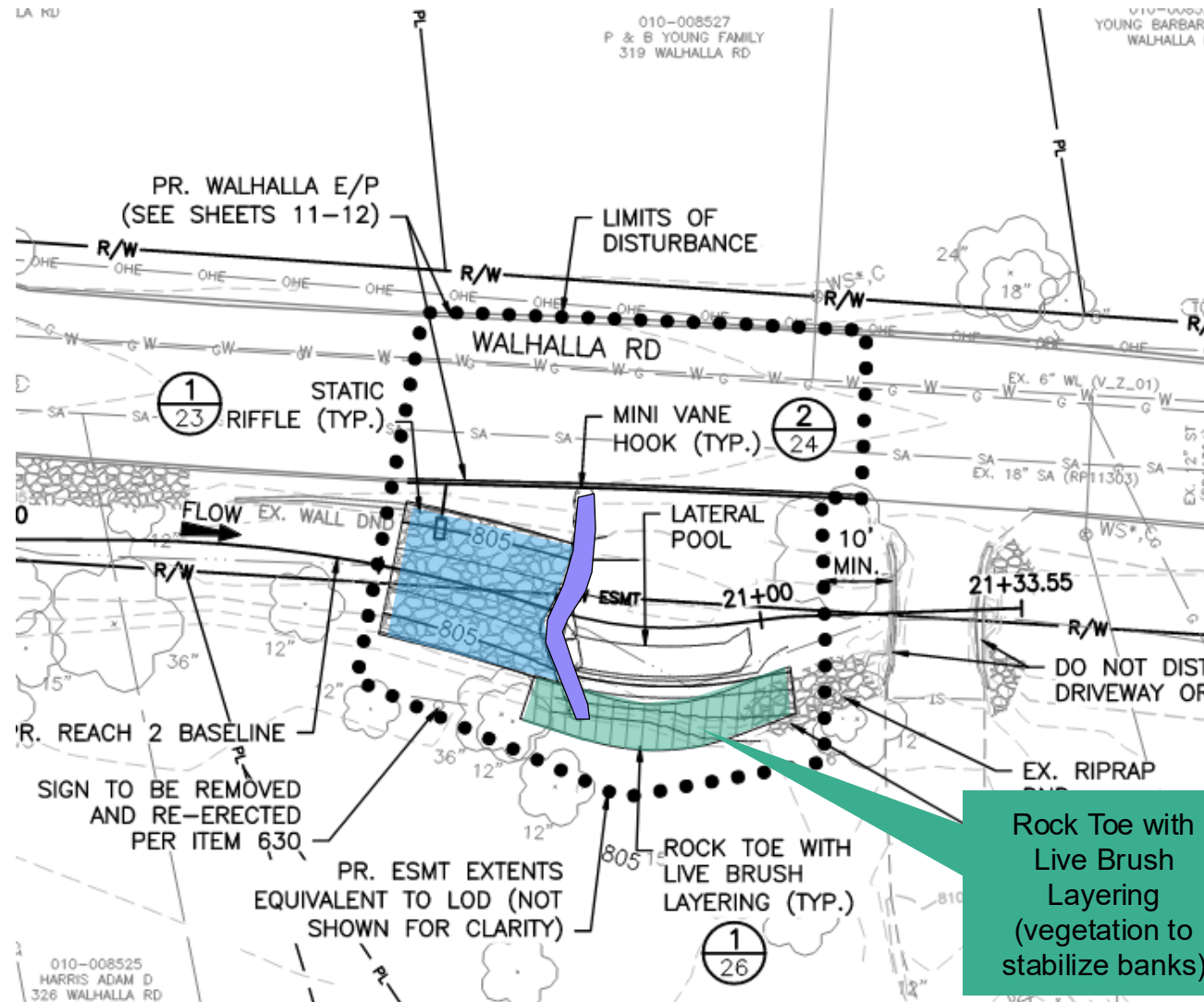
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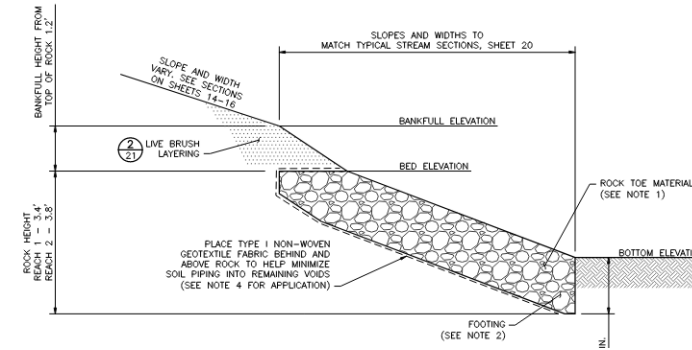


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Post-Construction Photos of Live Brush Layering



Picture taken 1-month post-construction



Picture taken 2-years post-construction



Picture taken 2-years post-construction

What's Next?

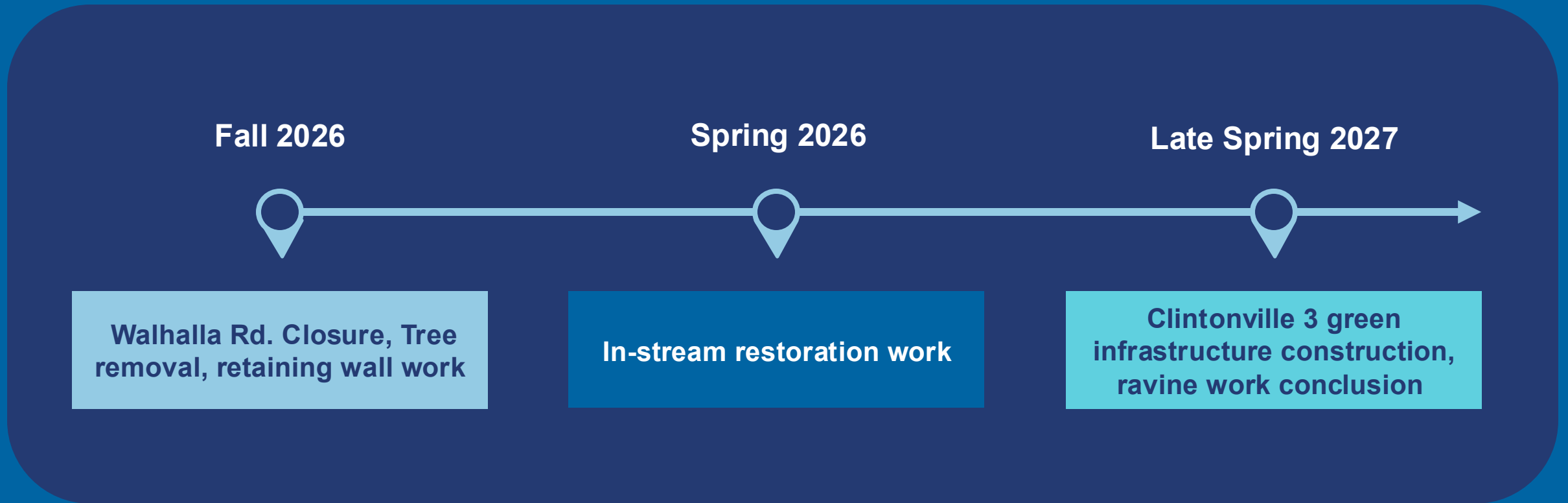
Outreach

CAMERON KEIR

Columbus Water & Power

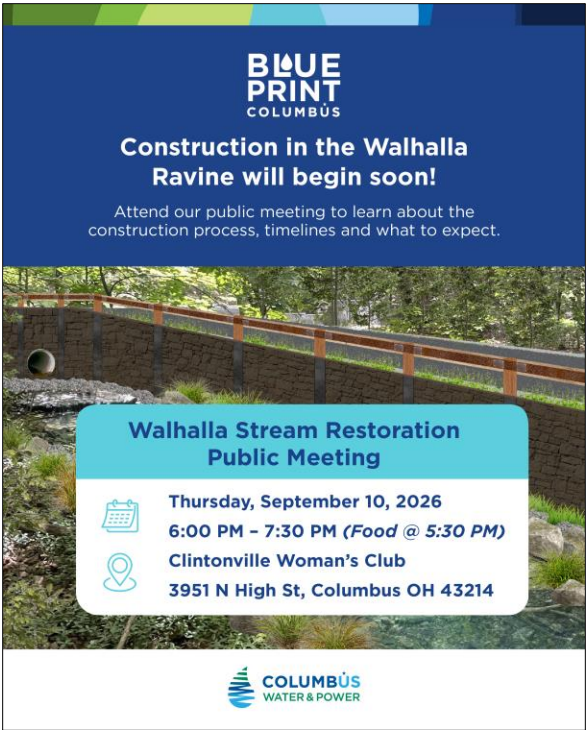
City of Columbus

Timeline: What To Expect



Outreach: Keeping You Informed

Social Media



Yard Sign



Photo by Scott Gamble

Mailer



Outreach Card



How Can You Help?

- Engage with our outreach team in the neighborhood
- During work— when applicable, allow easy yard access (secure pets, unlock gates, allow easement access)
- Respond to letters & door hangers
- Be mindful of vehicle AND pedestrian closures on Walhalla Rd.



Questions:

Please keep to general Blueprint project questions

For property-specific or other questions not addressed here, please visit the engineering tables, or contact the

Outreach Team

614-645-1253

blueprint@columbus.gov

Tonight's Open House



Talk with our team

- Visit **Jon, Rocky, or Trevor** for construction related questions
- Talk to **Cameron or Jehan** about general project questions
- Visit **Rachael** for design specific questions



Learn More

- Visit the **Blueprint table** to ask project questions, view exhibits and sign up for construction updates!



Sign up for a sump pump

- Blueprint Columbus offers **free sump pump** installation for qualifying homeowners
- To learn more and sign-up visit: **blueprintneighborhoods.com** or call **(614) 645-1253**
- **Ask a team member today to sign you up!**



BLUE PRINT COLUMBUS

Cleaner streams.
Stronger neighborhoods.

Thank you!

blueprintneighborhoods.com

Follow us!   @blueprintcbus

