



BLUE PRINT COLUMBUS

Cleaner streams.
Stronger neighborhoods.

Hilltop 1: Palmetto-Westgate

Pervious Pavement Pre-Construction Kickoff

August 25, 2026 | 6:00 – 8:00 p.m.

Storm Recovery Resources

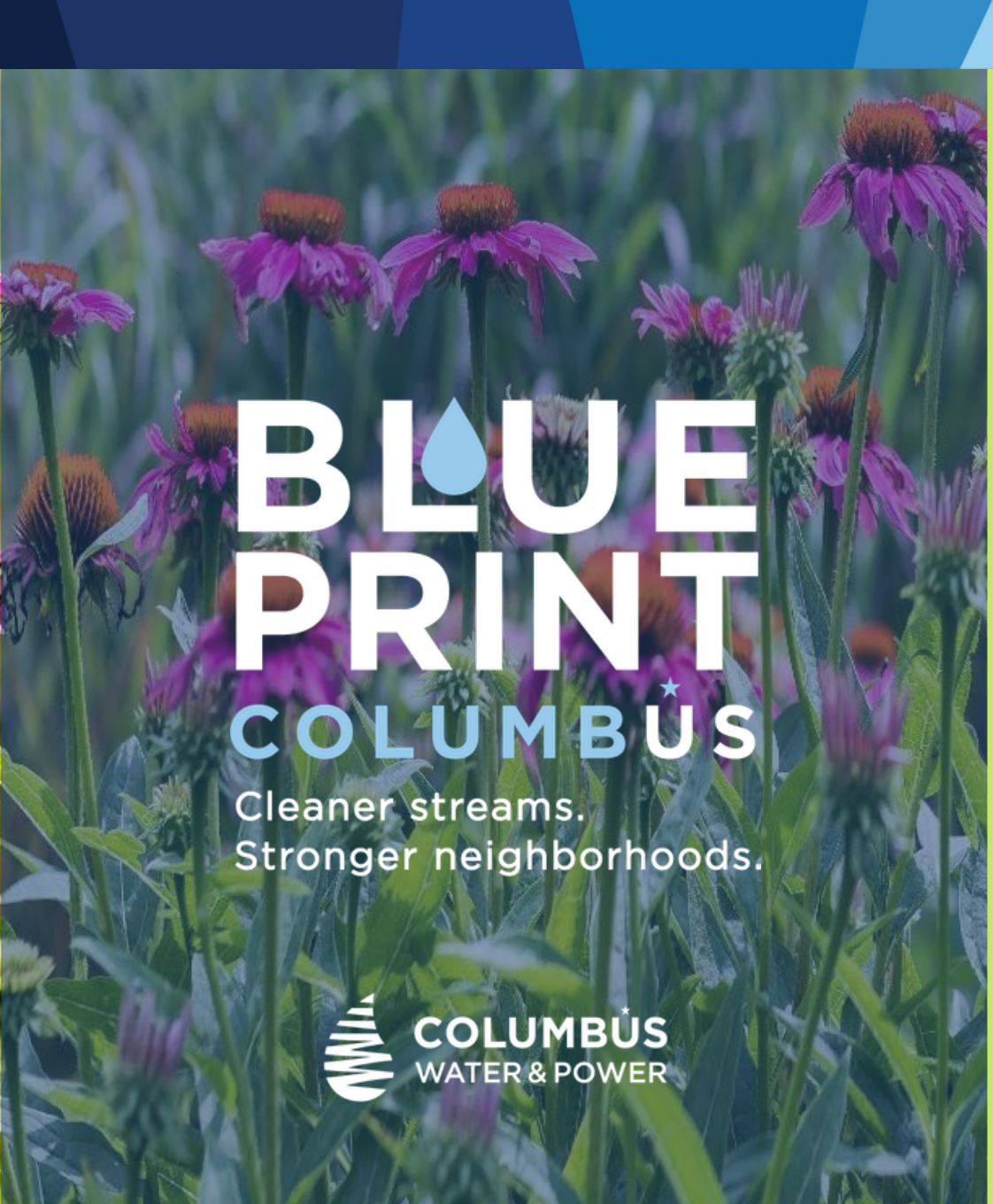
Team Rubicon

- The City of Columbus has teamed up with Team Rubicon to offer free storm recovery help
- Call **311** or **614-645-3111**

Project Dry Basement

- Covers the cost of an approved backflow prevention device for single and two-family homes in Columbus that have experienced sewer backups
- Report basement backups to the 24-hour Sewer Maintenance Operations Center (SMOC) at **614-645-7102**





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COLUMBUS
WATER & POWER

Welcome

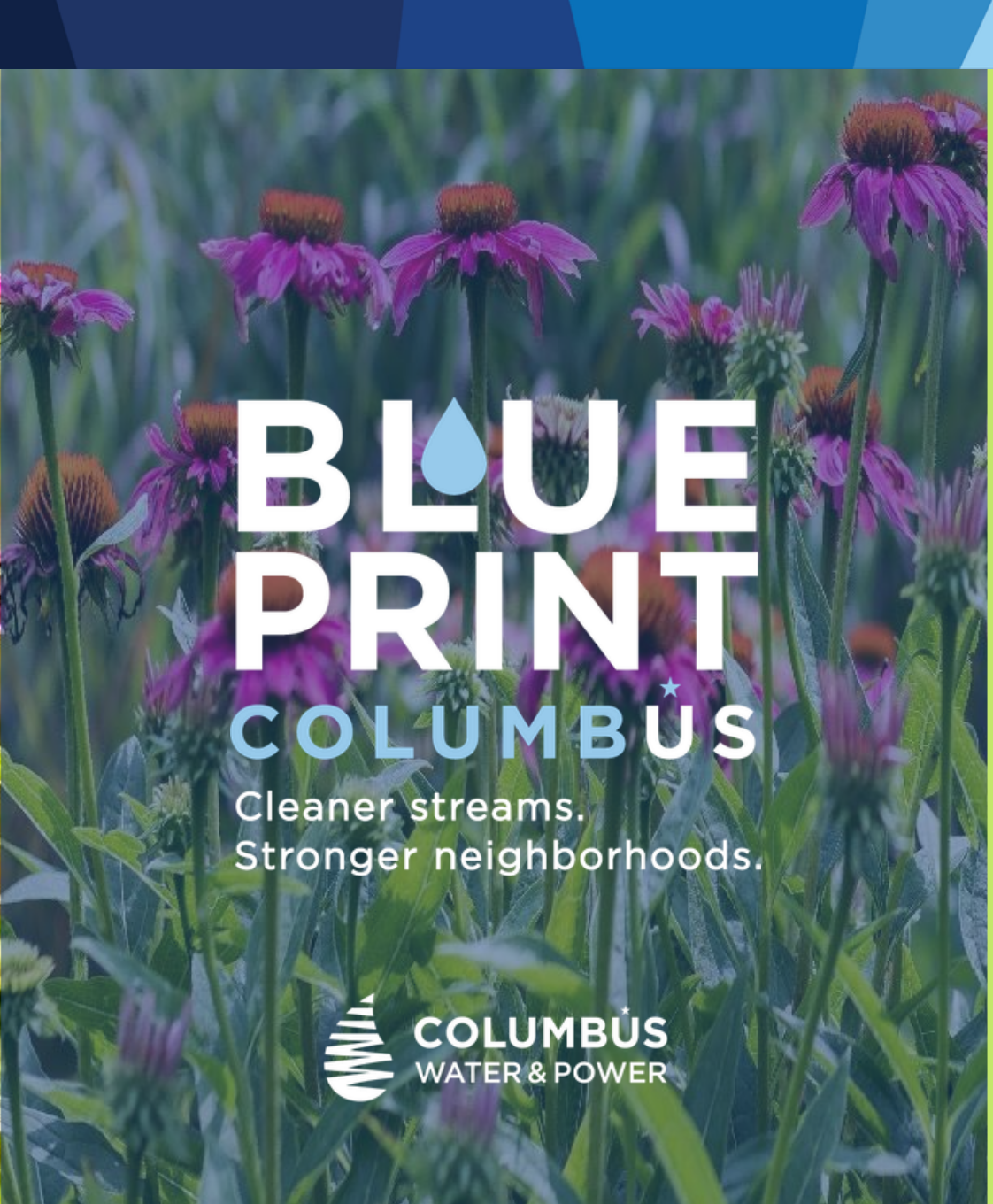
Moderator

CAMERON KEIR
Blueprint Columbus

Presenters

JEREMY CAWLEY
Project Manager, City of
Columbus Water & Power

ANDERSON KREZAL
Lead-Safe Columbus



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Stronger neighborhoods.



Agenda

- Blueprint 101:
A Refresher
- Construction Plans:
A Deeper Dive
- Neighborhood Impacts
- 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

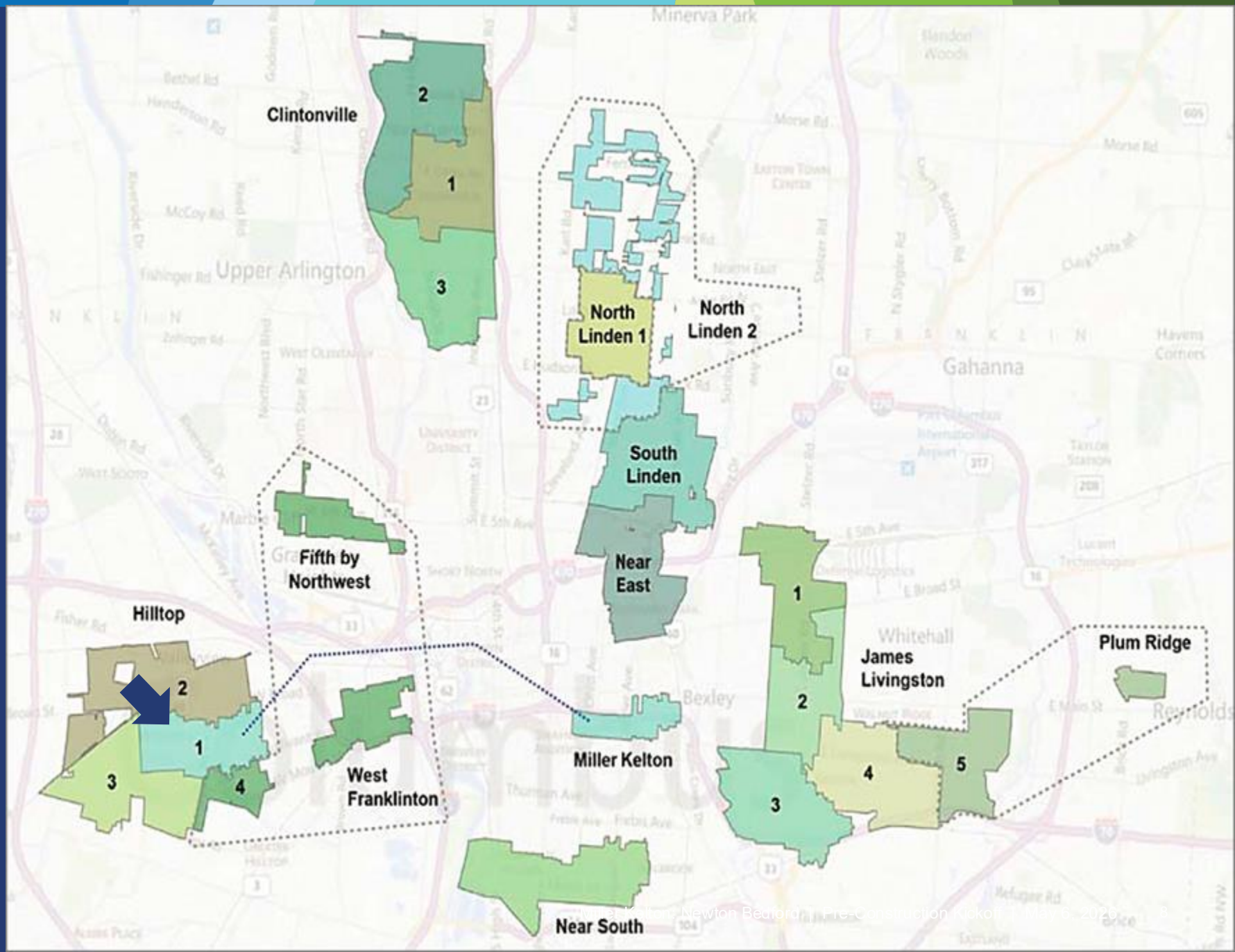
2004 CSO (Combined Sewer Overflow) Order

- 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

Hilltop 1: Palmetto-Westgate Four Pillars Timeline

Ongoing



Sump Pumps

- Collects rainwater around your home's foundation
- Discharges rainwater into a pipe that discharges to the street

Current



Green Infrastructure

- Filters rainwater from the street
- Removes pollutants and trash
- Makes rainwater cleaner when it reaches rivers and streams

Current



Lateral Lining

- Keeps rainwater out of sanitary sewer
- Seals cracks and small breaks in pipes that carry rain away from your home to sewers

Limited

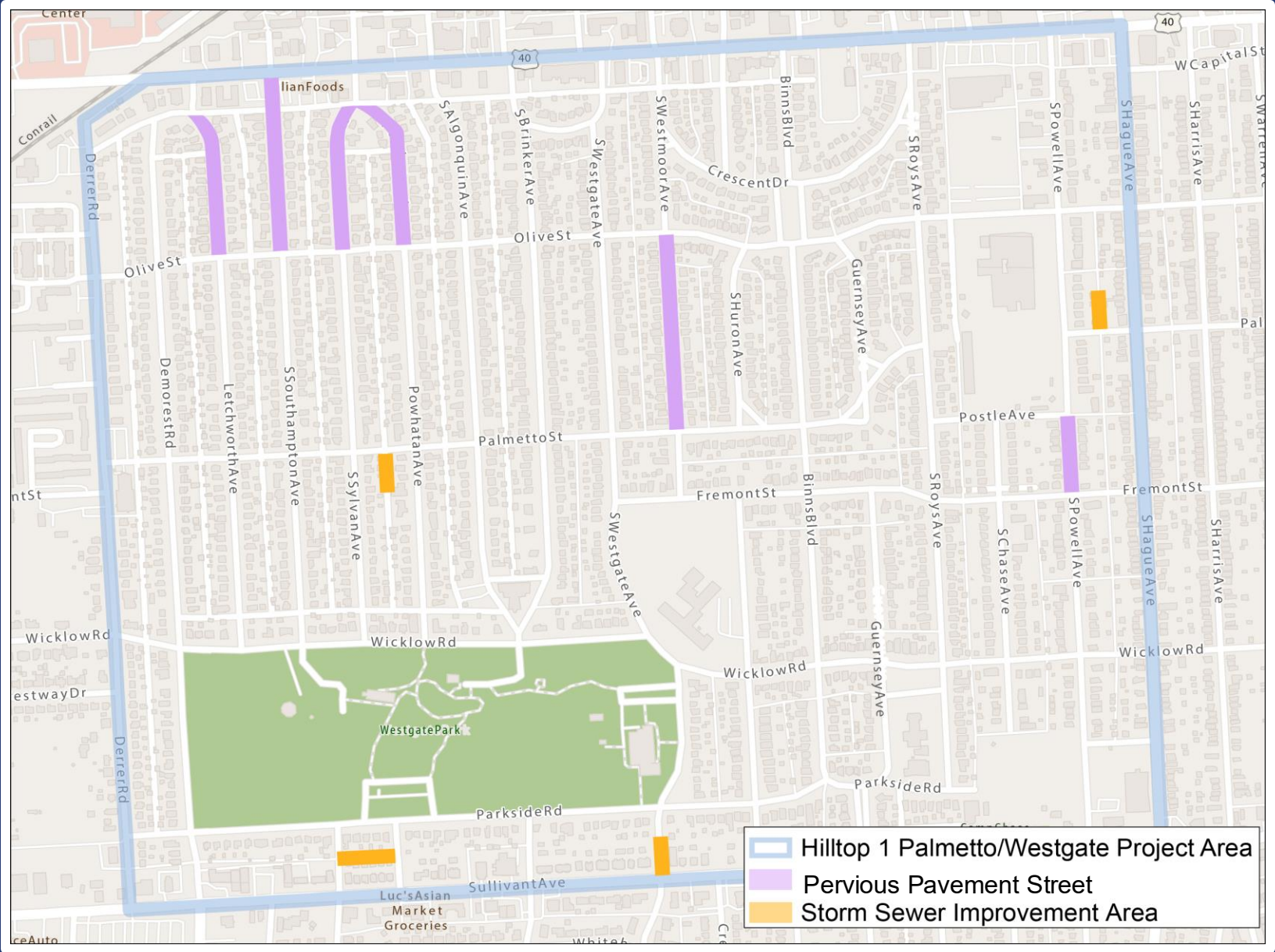


Roof Water Redirection

- Limited scope project
- Redirects rainwater away from your home and to the street, so that it can't enter the sewer through connection joints around your home

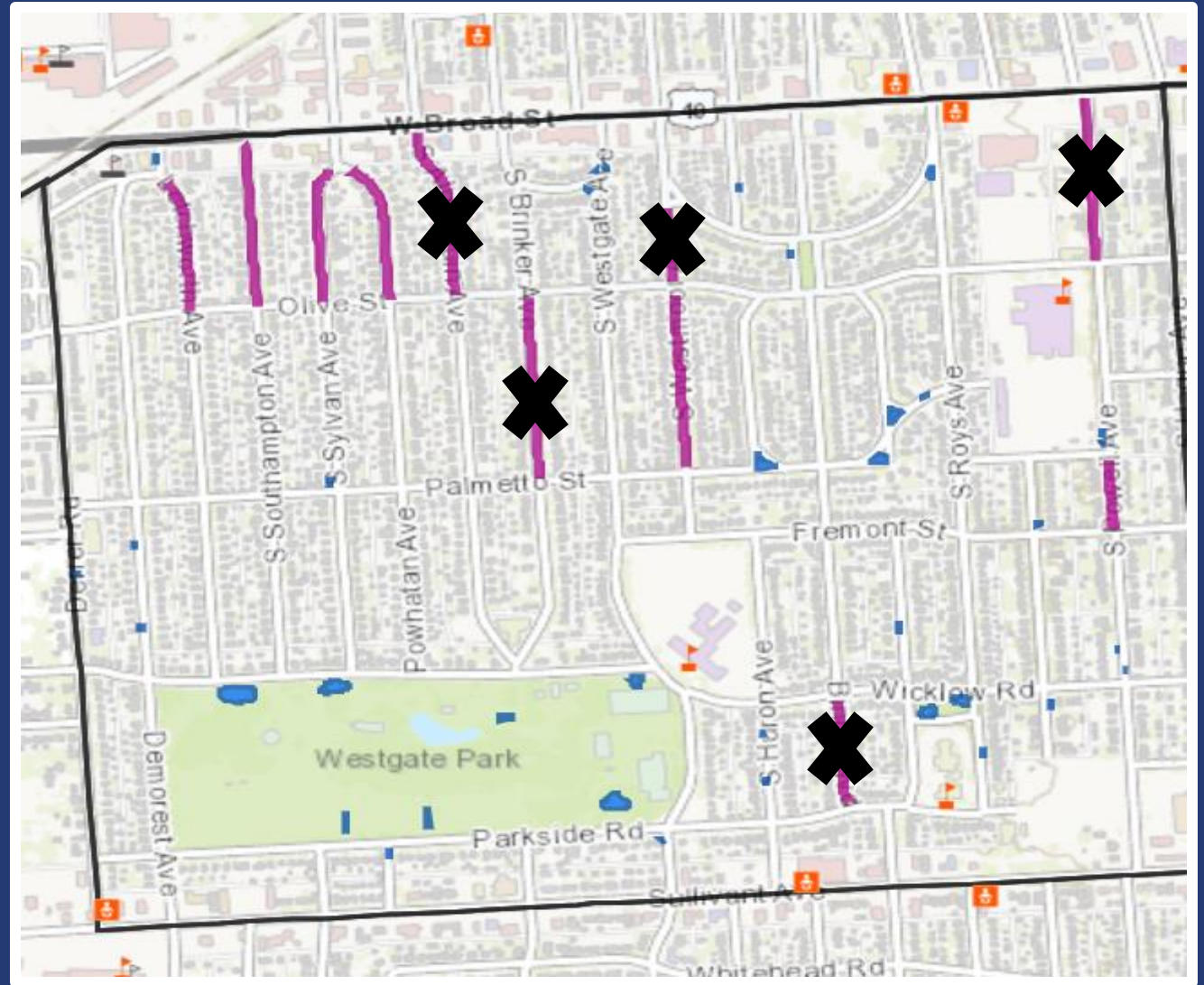
Project Overview

Hilltop 1: Palmetto-Westgate Revised Plan



Changes Based on Your Input

- Residents concerned about construction impacts, loss of trees and school bus impacts
- 5 block of permeable pavers removed
- S Algonquin, S Brinker, Westmoor and Powell North of Olive, Binns Blvd South of Wicklow



Water Line Improvements

- Before paver construction (as early as Aug 26), the city will:
 - Move water mains to the city-owned right of way for paver construction
 - Minimize as many tree impacts as possible
 - New main includes replacing lead and galvanized pipes

More to come in the Lead-Safe Columbus presentation slides



What is the Right-of-Way?

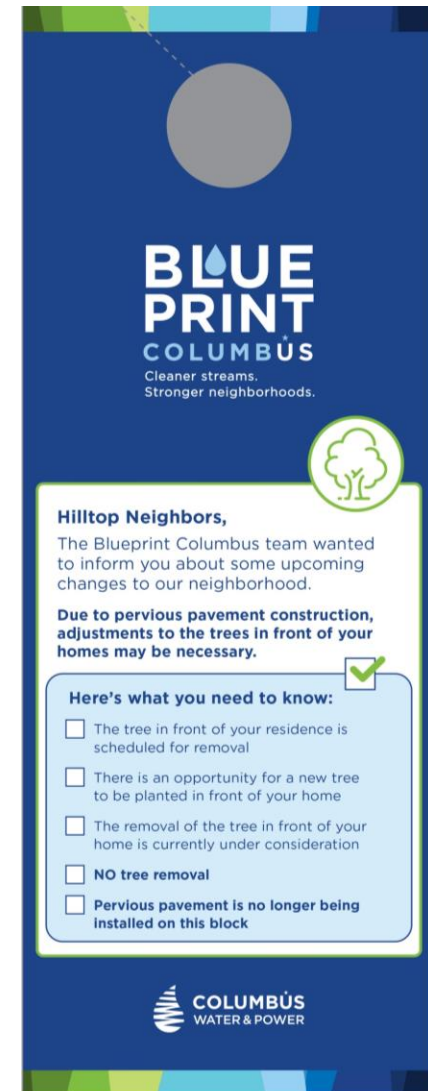
- Is the city working in your yard?
 - No, the public right-of-way is owned by the City of Columbus
- Designated space for sidewalks, utilities and now, green infrastructure
- Where is the right-of-way?
 - Typically, 30-60 feet from the centerline of your street
 - In some instances, this includes alleys behind your home
- Right-of-way work requires a city permit
 - By law, right-of-way must be noted on the property deed and disclosed during the sale of a home



Tree Impacts

- We want to preserve as many trees as possible during construction
- Some trees will be impacted while the city installs permeable pavers, restores sidewalks, moves water lines and installs storm pipes
- Water main will be relocated to minimize tree impacts
- Removal may be required if a tree in the **right of way** faces impacts to 25% of the critical root zone
- The city will trim trees on both public and private property (expect notification)
- Private property tree impacts will be discussed directly with homeowners

Tree Removal Doorhanger



The image shows a vertical doorhanger form for the Blueprint Columbus project. At the top, there is a large grey circle. Below it, the text "BLUE PRINT COLUMBUS" is displayed in white, with "CLEANER streams. STRONGER neighborhoods." underneath. A small tree icon is on the right. The main body of the form is white with a green border. It contains the following text: "Hilltop Neighbors, The Blueprint Columbus team wanted to inform you about some upcoming changes to our neighborhood. Due to pervious pavement construction, adjustments to the trees in front of your homes may be necessary." Below this is a section titled "Here's what you need to know:" with a green checkmark icon. It contains five checkboxes: "The tree in front of your residence is scheduled for removal", "There is an opportunity for a new tree to be planted in front of your home", "The removal of the tree in front of your home is currently under consideration", "NO tree removal", and "Pervious pavement is no longer being installed on this block". At the bottom, the "COLUMBUS WATER & POWER" logo is visible.

**BLUE
PRINT**
COLUMBUS
Cleaner streams.
Stronger neighborhoods.

Hilltop Neighbors,
The Blueprint Columbus team wanted to inform you about some upcoming changes to our neighborhood.
Due to pervious pavement construction, adjustments to the trees in front of your homes may be necessary.

Here's what you need to know:

- ☐ The tree in front of your residence is scheduled for removal
- ☐ There is an opportunity for a new tree to be planted in front of your home
- ☐ The removal of the tree in front of your home is currently under consideration
- ☐ **NO tree removal**
- ☐ Pervious pavement is no longer being installed on this block

COLUMBUS
WATER & POWER

Tree Impacts

Critical Root Zone



Tree Replacement Policy

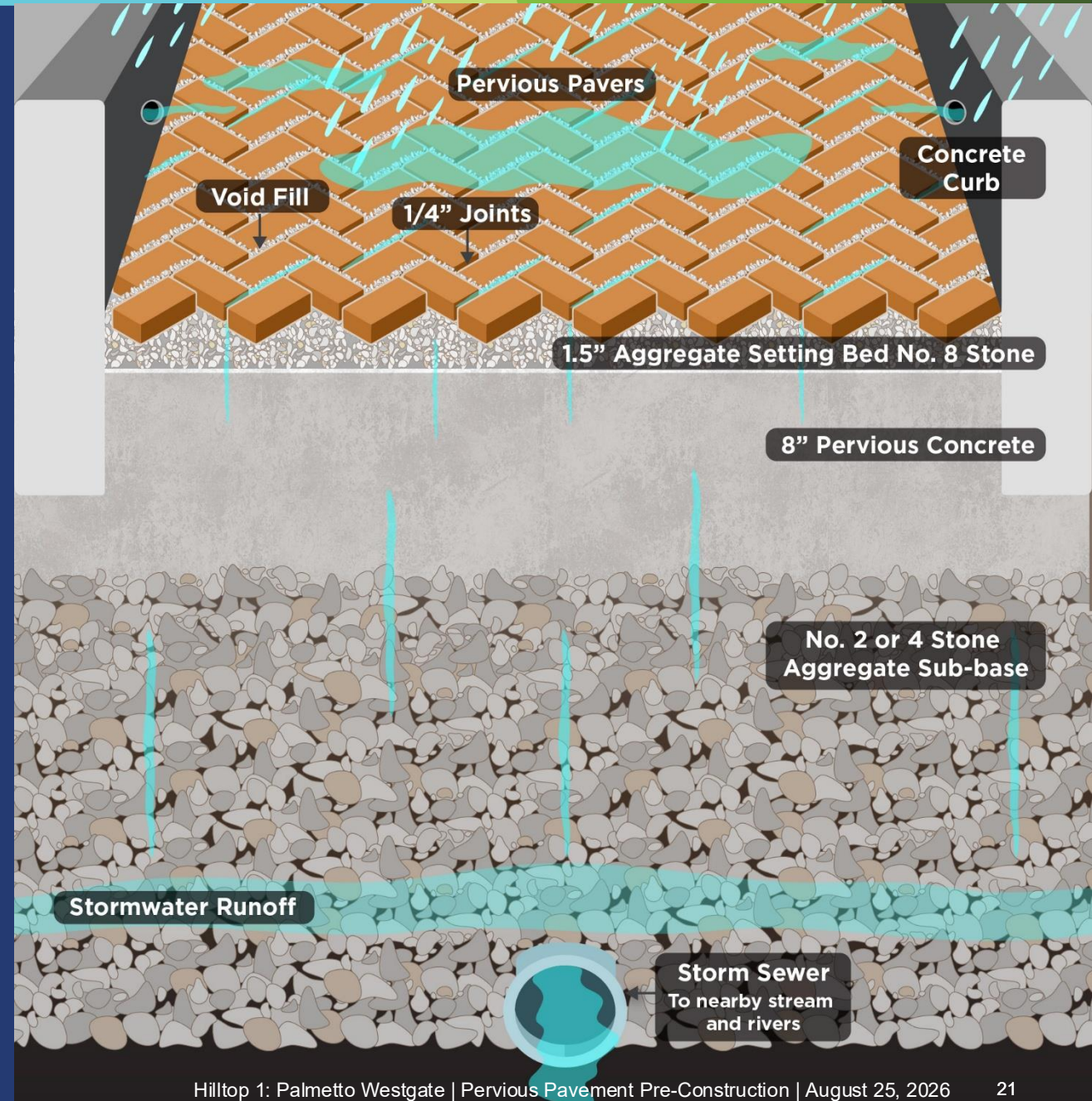
Removed Tree's Trunk Diameter	Tree Replacement Ratio
$\leq 12''$	1:1
12''– 18''	2:1
18''– 24''	3:1
24''– 30''	4:1
$\geq 30''$	5:1

Pervious Paver Construction: What to Expect

JEREMY CAWLEY, P.E.
Columbus Water & Power
City of Columbus

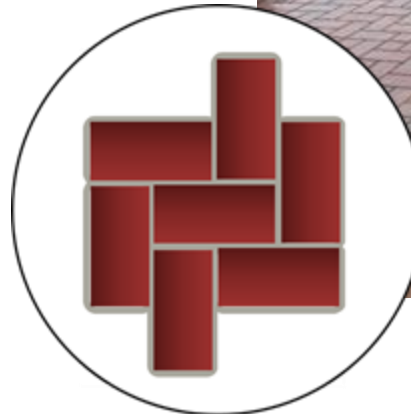
How Pervious Pavement Works

- Filters and cleans rainwater
- Reduces street flooding
- Slows down traffic



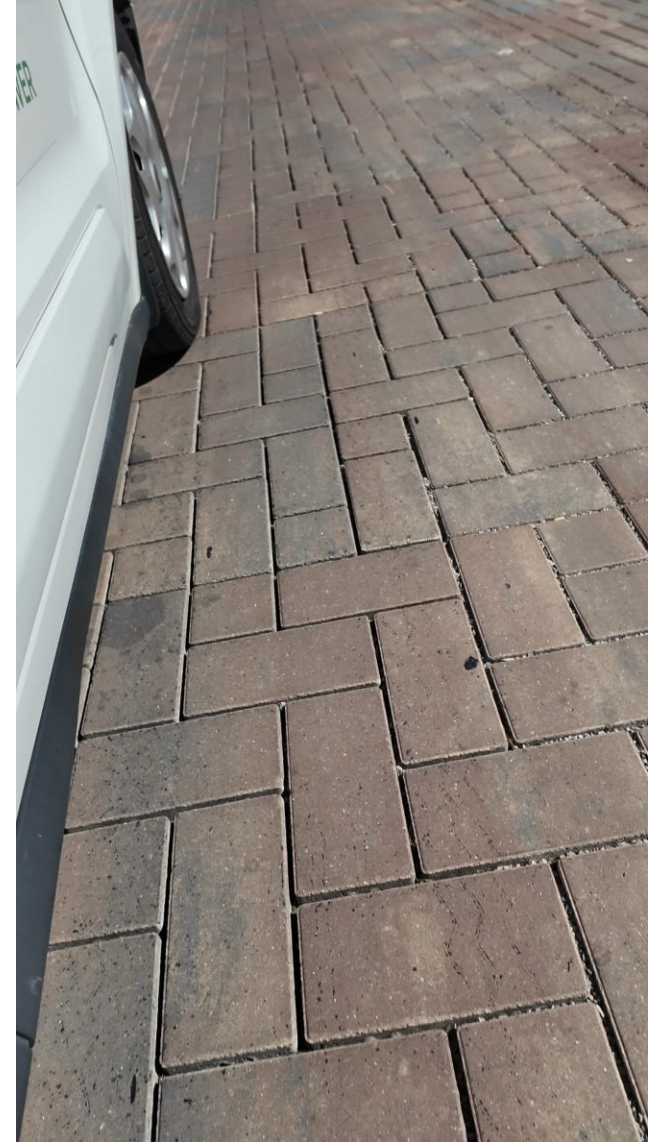
Pervious Pavement

- Permeable concrete pavers laid in a herringbone pattern
- Curbs are replaced along permeable pavement streets
- Water mains and services will be replaced, some relocated
- Existing sidewalk is replaced if impacted by work — no new sidewalk is built



Paver Construction Process

- Street sections close for approximately nine weeks to install pavers
- No vehicle access or parking is allowed during construction – pedestrian access to sidewalks maintained
- Pavers are installed only on “Priority 3” streets with speed limits of 25 miles per hour or less
- Pavers are installed where alley access is available to keep traffic, trash collection, deliveries and essential services working



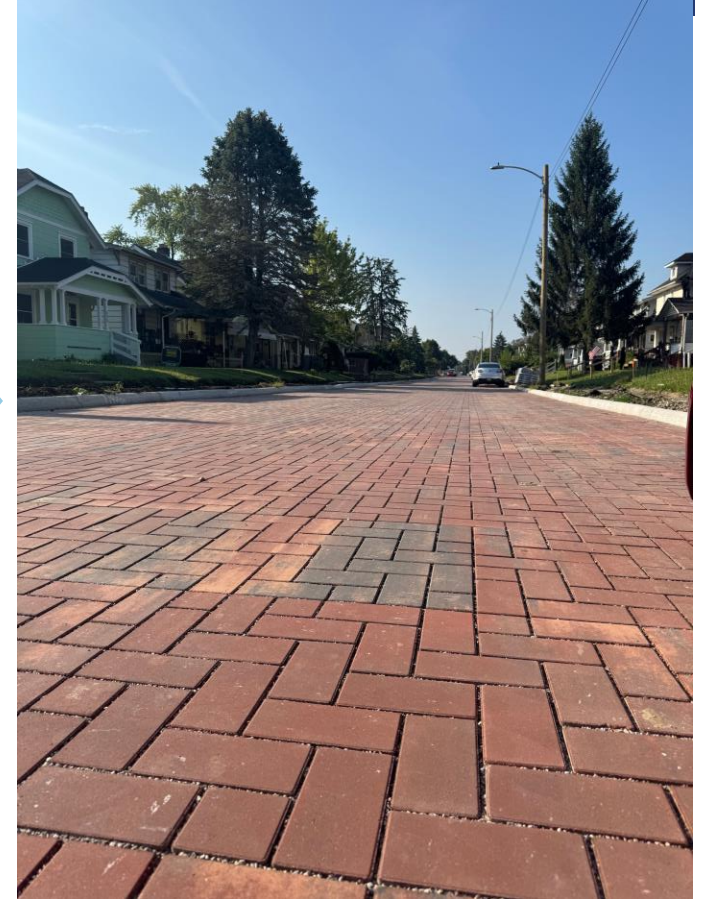
Before



During



After



Pervious Paver Rendering



Completed Paver Street





Lead Service Line Updates

ANDERSON KREZAL
Columbus Water & Power
City of Columbus

Water Service Line Replacement

Is the water safe?

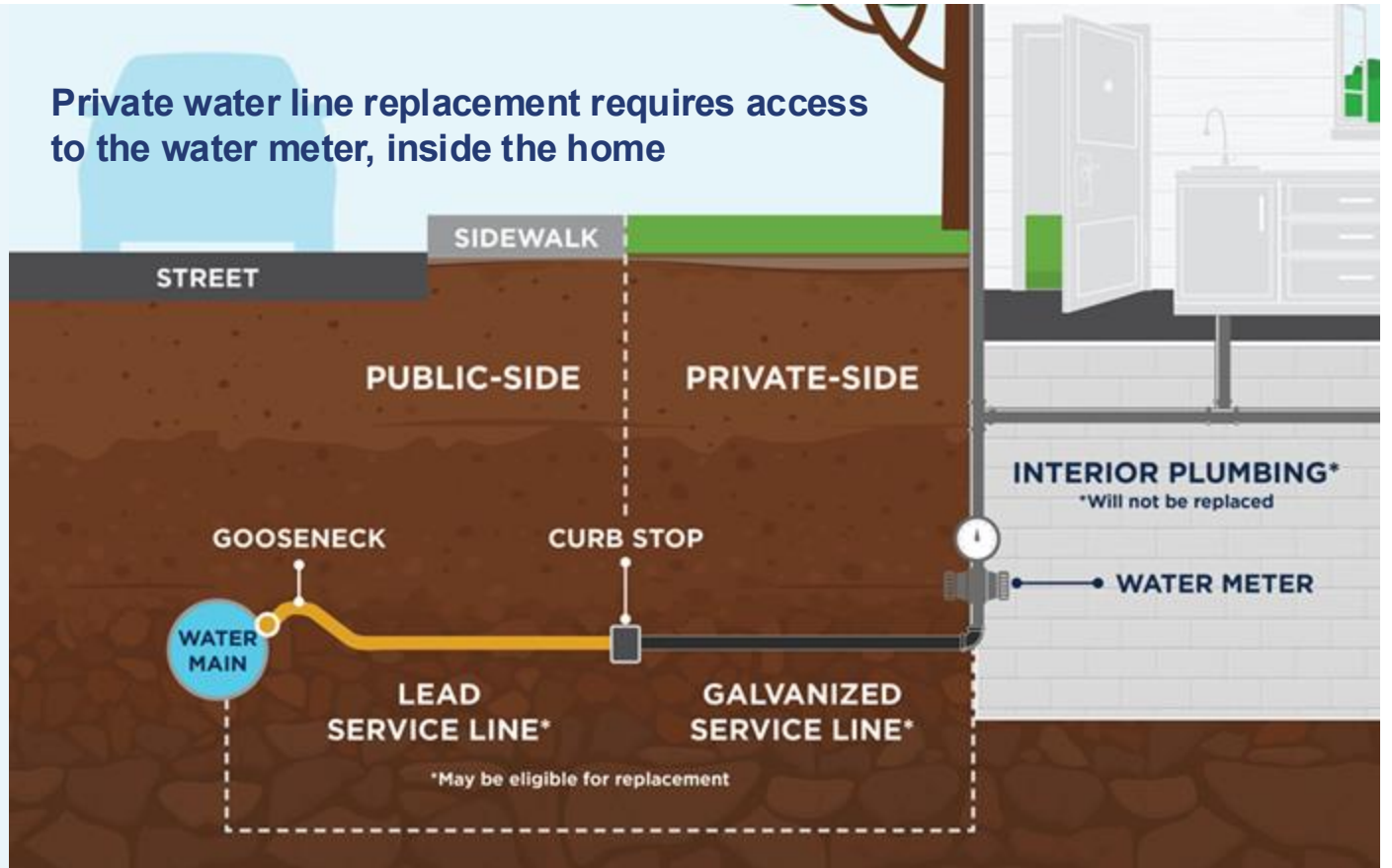
Yes!

What is being replaced?

Public and private water service lines made of lead and galvanized steel

Why are they being replaced?

To ensure we meet federal requirements and to remove old infrastructure



How is Replacement Happening?

The city will replace lead/galvanized water lines at no cost during construction projects that are already planned

- Water main improvements
- Resurfacing
- Blueprint Columbus



Palmetto-Westgate Pervious Pavers

Status: Active Construction

Includes Portions of:

- S Westmoor Ave
- Letchworth Ave
- Powhatan Ave
- S Southampton Ave
- S Sylvan Ave
- S Powell Ave



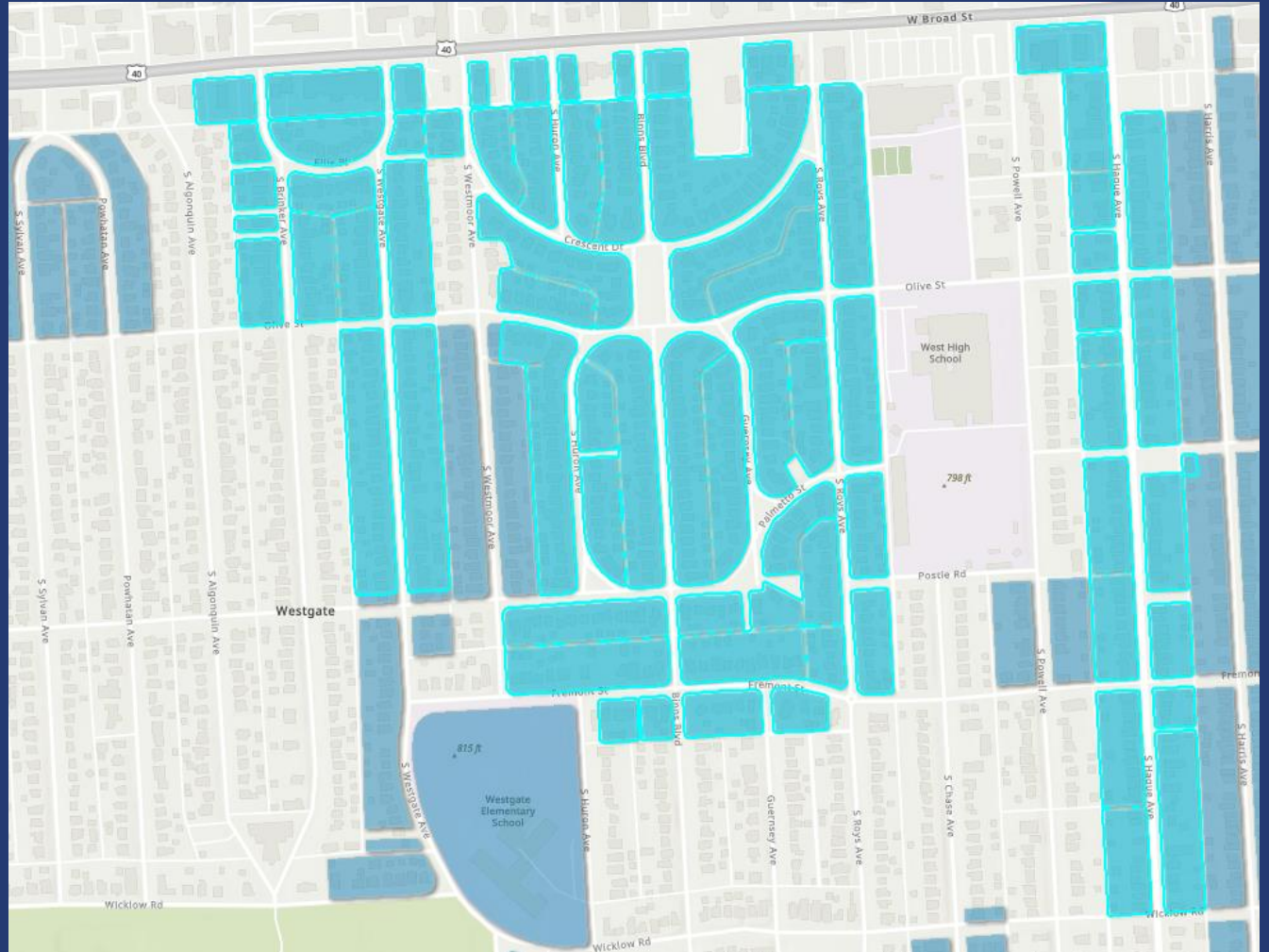
Additional Replacements: Palmetto-Westgate

Project name: LSLR Part 3

Status: Active Construction

Includes Portions of:

- S Hague Ave
- S Roys Ave
- S Westgate Ave
- Binns Blvd
- S Huron Ave
- Crescent Dr



2027 Water Main Replacements

Project Name: Yale Ave Water Improvements

Status: Construction Coming Soon

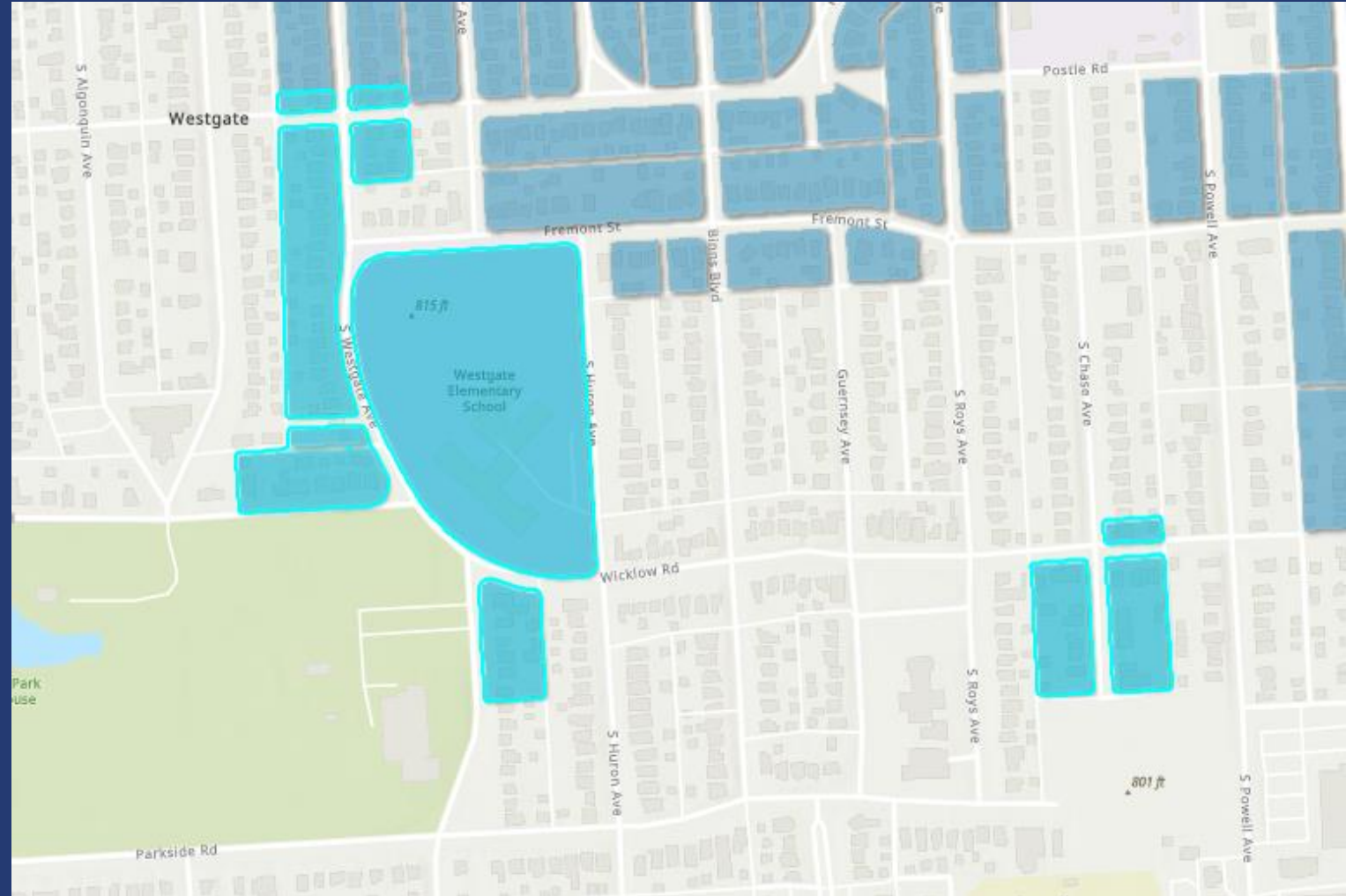
Includes Portions of:

- S Westgate Ave
- S Chase Ave
- Wicklow Rd

Expected start: Spring/Summer 2027

Not sure if your property is included?

Check the map at columbus.gov/leadwork
and search your address



Upcoming Lead Service Line Replacements

Project Name: Area B

Status: Surveying and Outreach

Includes Portions of:

- S Terrace Ave
- S Eureka Ave
- S Burgess Ave
- S Oakley Ave
- S Wayne Ave
- Sullivant Ave

Construction: Not scheduled yet



Replacement is required – take action today!

Property owners must:



Sign a Work Agreement
columbus.gov/newline

Identify Water Line Material
columbus.gov/leadsurvey

Scan to Sign
Work Agreement

A work agreement is **required** to receive a free replacement during scheduled construction if the line is lead or galvanized.
Optional meter relocation reduces the need to enter the home in the future.

What's Next?

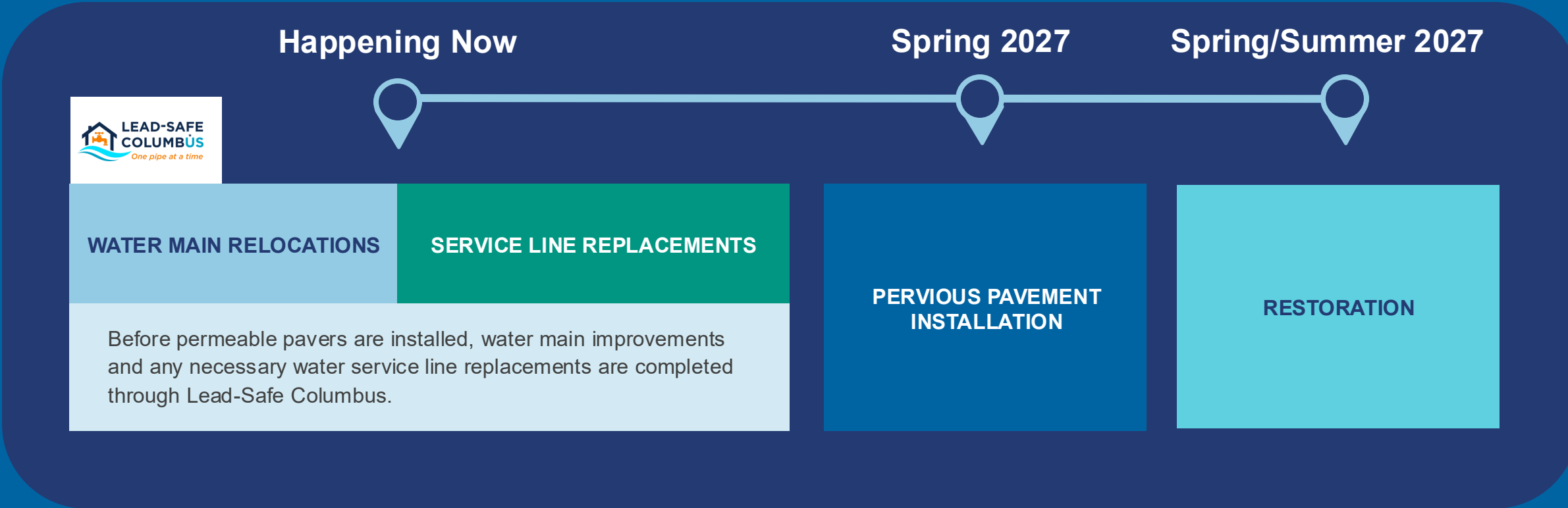
Outreach

CAMERON KEIR

Columbus Water & Power

City of Columbus

Timeline: What To Expect



Outreach: Keeping You Informed

Outreach Card

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COLUMBUS

In coordination with:

LEAD-SAFE
COLUMBUS

One pipe at a time

Is Your Water Service Line Being Replaced?

HILLTOP 1 PUBLIC MEETING

Several Columbus Water & Power projects are happening in the Hilltop. These may happen at the same time, but serve different purposes and impact properties differently. Blueprint Columbus and Lead-Safe Columbus are coordinating this work to minimize disruptions. Water service line replacement will happen before Blueprint green infrastructure construction in select scenarios.

IMPORTANT: Not every Blueprint Columbus project includes Lead-Safe Columbus replacement and vice versa. Water service line replacement depends on the type of work at your property.

What to Expect

Project	Service Line Replacement?	What It Means for You
Rain Gardens	✔	If a rain garden is built directly in front of your property, any lead or galvanized water service line serving your home will be replaced.
Permeable Pavers	✔	Before permeable pavers are installed, the water main is upgraded and any lead or galvanized service line is replaced.
Lateral Lining	✘	Sewer lateral lining does not affect your water service line.
Lead-Safe Columbus	✔	This separate city program replaces lead and galvanized water service lines citywide.
Roof Water Redirection	✘	This work manages stormwater above ground and does not involve your water service line.
Sump Pump Installation	✘	This work manages groundwater at your foundation and does not involve your water service line.

Doorhanger

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Hilltop Neighbors,

The Blueprint Columbus team wanted to inform you about some upcoming changes to our neighborhood.

Due to previous pavement construction, adjustments to the trees in front of your homes may be necessary.

Here's what you need to know:

☐ The tree in front of your residence is scheduled for removal

☐ There is an opportunity for a new tree to be planted in front of your home

☐ The removal of the tree in front of your home is currently under consideration

☐ NO tree removal

☐ Pervious pavement is no longer being installed on this block

Poster

BLUE
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Hilltop 1: Palmetto-Westgate
Pre-Construction Meeting

BURGERS, BRATS
& BLUEPRINT

Join us for a cookout where we'll share exciting updates about what's ahead for your neighborhood!

Tuesday, August 25, 2026

at 6 p.m.

Food service begins at 5:30 p.m.

Westgate Park Shelterhouse

3271 Wicklow Rd

Columbus, OH 43204

Rain or shine!

Bring the Family

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WATER & POWER

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Stronger neighborhoods.

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WATER & POWER

35

How Can You Help?

- Engage with our outreach team in the neighborhood
- During work—allow easy yard access (secure pets, unlock gates, allow easement access)
- Respond to letters & door hangers
- Be mindful of no parking restrictions



Pause for Questions

Please keep to general Blueprint project questions

Feel free to utilize open house for property specific questions and Lead Service Line impact questions

Open House

**For property-specific or other questions not addressed
here, please email or call the**

Outreach Team

614-645-1253

blueprint@columbus.gov

A background image of a field of purple flowers with green foliage.

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Stronger neighborhoods.

Thank you!

blueprintneighborhoods.com



Follow us!   @blueprintcbus