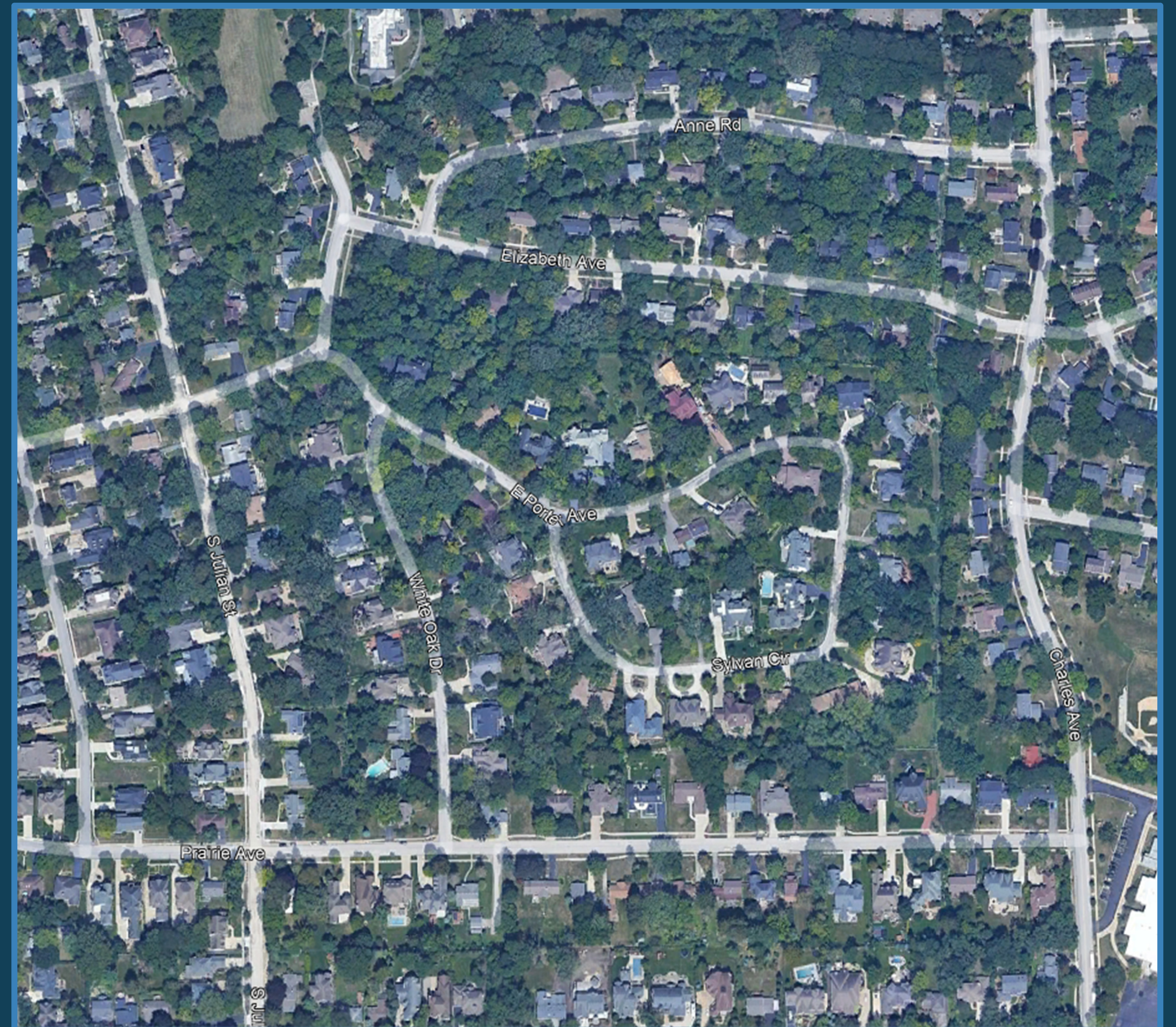


Public Information Meeting #3

Sylvan Circle & E Porter Avenue Improvements

November 9, 2023

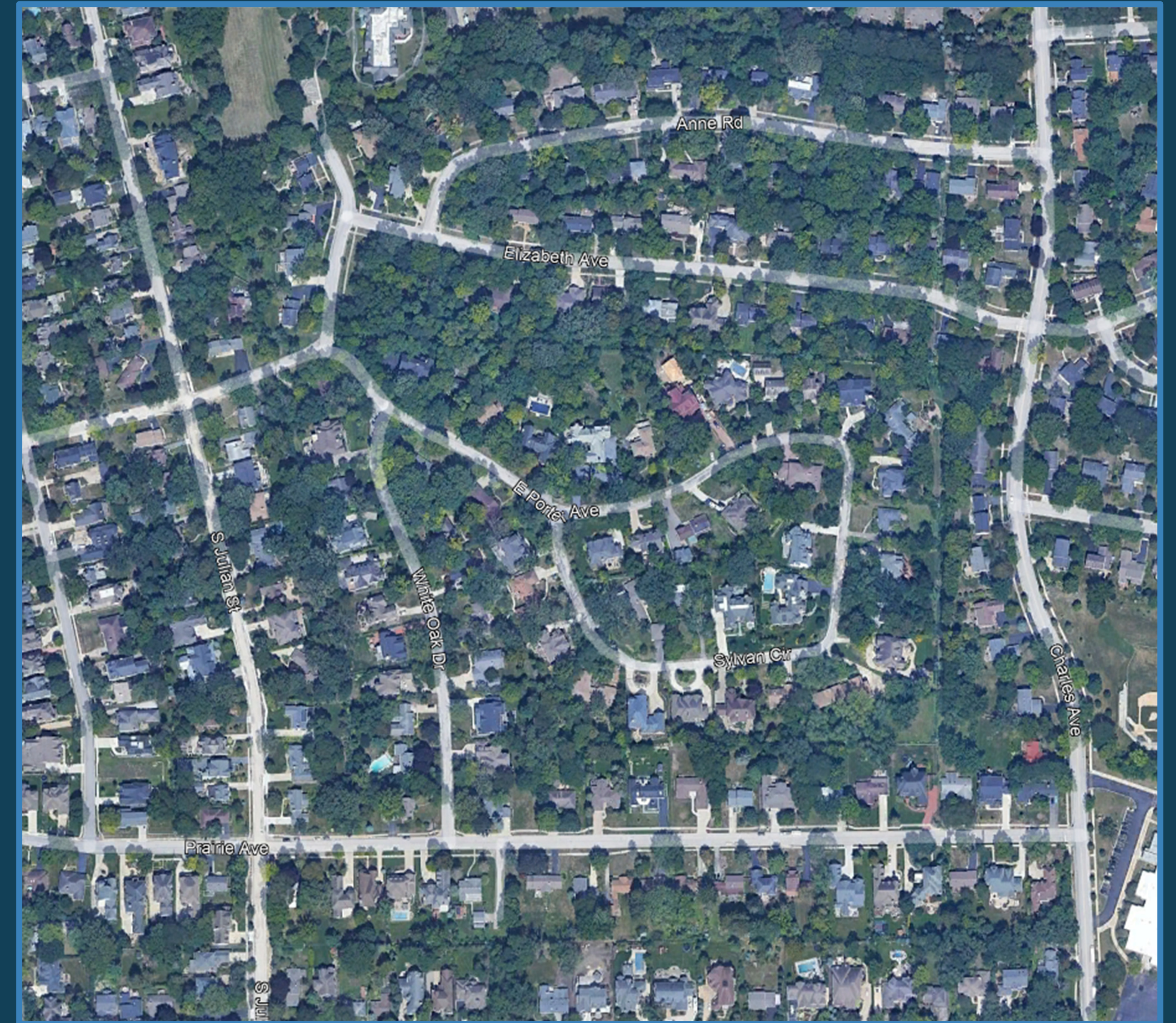
4:00 – 7:30 PM



Public Information Meeting #3

Welcome!

November 9, 2023
4:00 – 7:30 PM



Sylvan Circle & E Porter Avenue Improvements

Public Information Meeting #3

Welcome!

November 9, 2023
4:00 – 7:30 PM



Sylvan Circle & E Porter Avenue Improvements

1 Introduction

Welcome to the 3rd public meeting for the Sylvan Circle & E Porter Avenue Road Improvement Project!

The room is set up with 7 stations to introduce you to the project and get your input. Please see anyone with a project name tag if you have any questions.

Questions can be submitted at Station 7.

Thank you for attending!

Station 2

- Summary of Previous Meetings

Station 3

- Selected Road Elements

Station 4

- Overall Design

Station 5

- Individual Property Impacts

Station 6

- Construction Timeline

Station 7

- Questions & Comments

2

Summary of Previous Meetings



A copy of the previous exhibits are available

Water Main Replacement:

The existing water main is nearing the end of its life and must be replaced.

Road Reconstruction:

Much of the existing roadway will have to be patched when the water main is replaced. This provides an opportunity to reconstruct the roadway to current standards.

Drainage Improvements:

The City would like to take advantage of the road reconstruction and improve drainage in the neighborhood and reduce flooding along Prairie Avenue during the project.

Sanitary Sewer Replacement:

After the 2nd public meeting, sanitary sewer inspections showed that several sewers are beginning to fail and must be replaced.

2 Summary of Previous Meetings



Meeting 1 - May 9

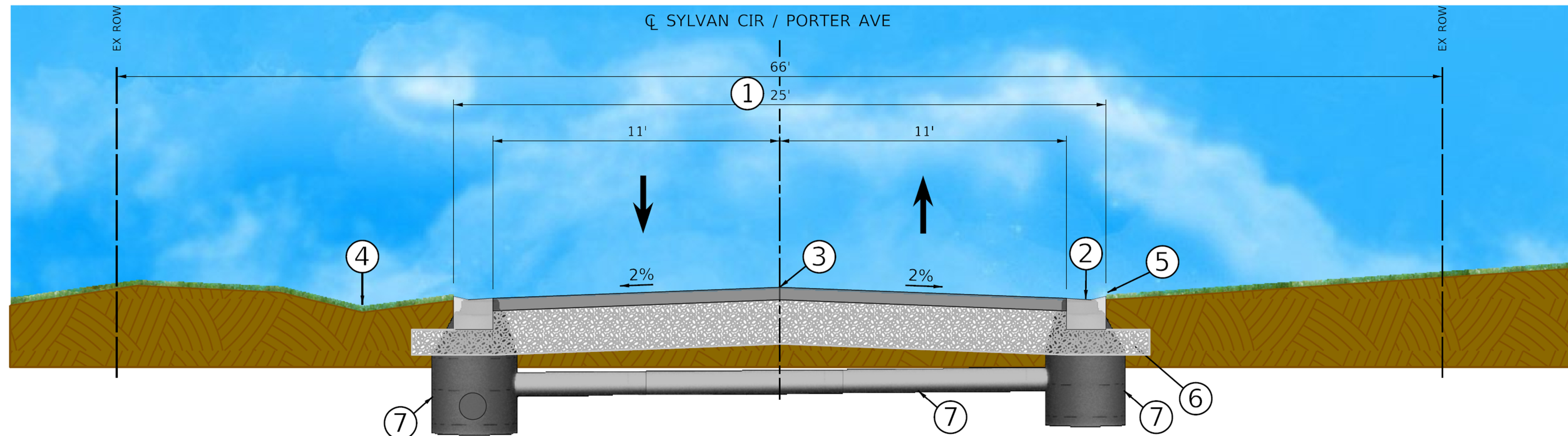
- Input was gathered on many design options. The majority of respondents preferred:
 - A road width less than the standard 28-foot.
 - A street profile with an inverted crown.
 - Flat or flush curbs along the edge of the roadway.
 - Keeping the existing roadway location and not moving it to the center of the right-of-way.
 - No sidewalks

Meeting 2 - August 1

- Roadway alternatives with an inverted crown and standard crown were shown and discussed with residents.
- Input gathered found residents were split over what crown alternative they preferred.
- Individual property impacts were discussed
- Residents preferred any option that reduced the impact to the trees and landscaping in front of their property.

3

Selected Road Elements



1. Consistent roadway width of 25 feet.
2. Depressed curb & gutter will be used to channel water to drainage structures. It has a slight curb, half the height of a mountable curb.
3. Standard crown was chosen to match all other Naperville streets and reduce possible maintenance issues along the center of roadway. The elevation of the road will be modified, called re-profiling, in some areas to provide better drainage throughout the neighborhood.
4. In some locations, water from the right-of-way is carried by swales to the drainage system
5. In other locations, water from the right-of-way flows directly onto the pavement
6. Stone Roadway Base
7. New Underground Storm Sewer System
8. New 8" Water Main
9. In some areas, new Sanitary Sewer and Manholes

4 | Overall Design

The overall final design of roadway, sanitary sewer, water main, and storm sewers is found here. For a closer look at each property, please see Station 5.



- LEGEND**
- Y PROPOSED FIRE HYDRANT
 - PROPOSED WATER MAIN VALVE VAULT
 - EXISTING 6" WATER MAIN
 - PROPOSED 6" WATER MAIN
 - PROPOSED 8" WATER MAIN
 - PROPOSED WATER SERVICE LINE
 - PROPOSED SANITARY MANHOLE
 - EXISTING 8" SANITARY SEWER MAIN
 - PROPOSED 8" SANITARY SEWER MAIN
 - PROPOSED SANITARY SEWER SERVICE
 - PROPOSED DRAINAGE STRUCTURE
 - PROPOSED STORM SEWER
 - PROPOSED DRAINAGE SWALE
 - ANTICIPATED LIMITS OF CONSTRUCTION

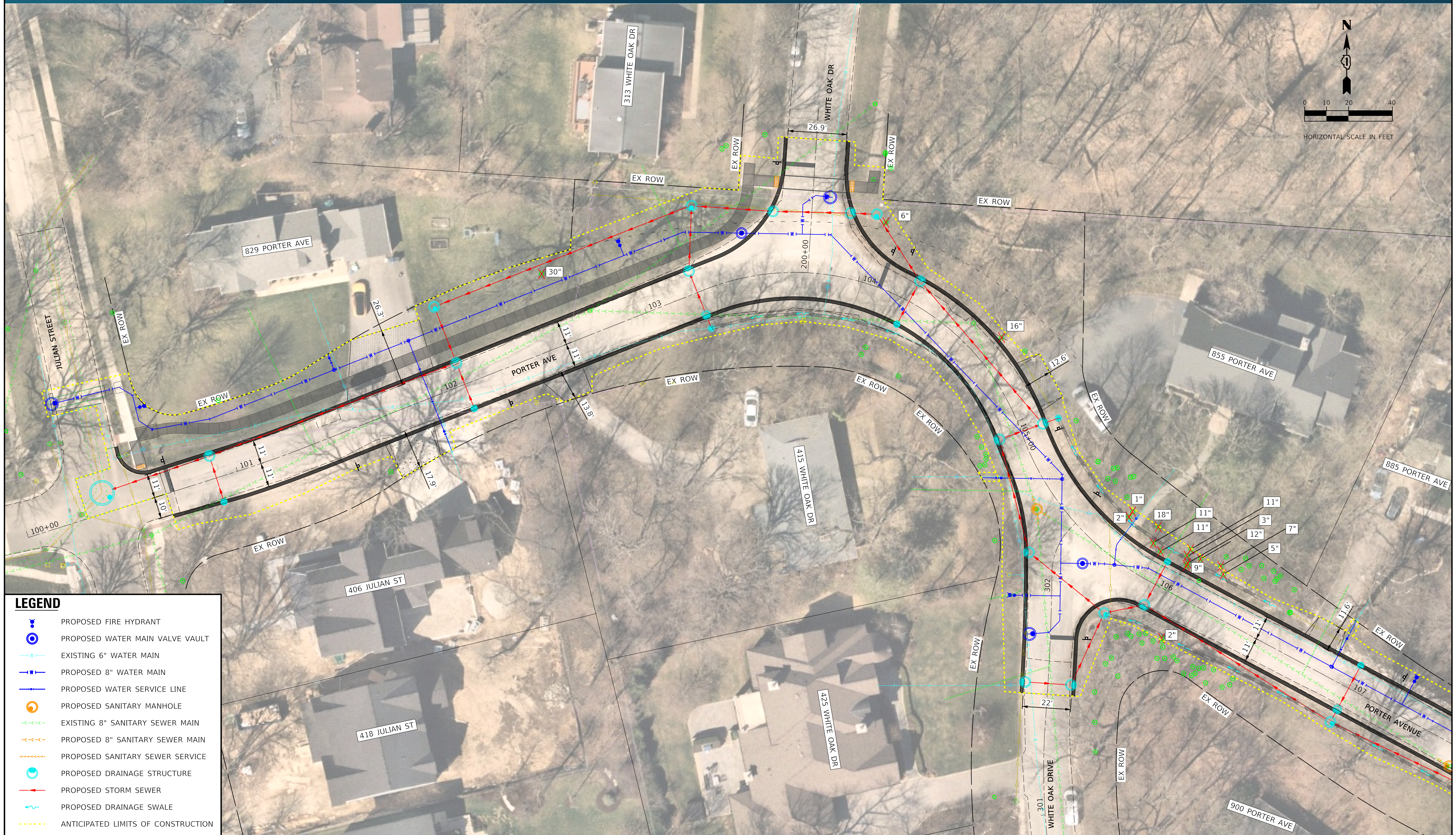
5 Individual Property Impacts

Plans with a closer look at each property are found [here](#).

1. If your property has a brick paver driveway, please choose between the following options:
 - a. Project contractor will replace the driveway apron with concrete.
 - b. Property owner will hire a contractor to re-lay brick pavers after the project is complete. The City will reimburse the property owner the cost it would have incurred to install a concrete driveway apron. (Based on bid price)
2. If a tree(s) is being removed adjacent to your property, there may be an opportunity to replant a tree in the right-of-way. Please select your preferred replacement tree if your property qualifies. Available tree choices are shown in the following exhibits.

STATION 5

ANTICIPATED LIMITS OF CONSTRUCTION



LEGEND	
	PROPOSED FIRE HYDRANT
	PROPOSED WATER MAIN VALVE VAULT
	EXISTING 6" WATER MAIN
	PROPOSED 8" WATER MAIN
	PROPOSED WATER SERVICE LINE
	PROPOSED SANITARY MANHOLE
	EXISTING 8" SANITARY SEWER MAIN
	PROPOSED 8" SANITARY SEWER MAIN
	PROPOSED SANITARY SEWER SERVICE
	PROPOSED DRAINAGE STRUCTURE
	PROPOSED STORM SEWER
	PROPOSED DRAINAGE SWALE
	ANTICIPATED LIMITS OF CONSTRUCTION



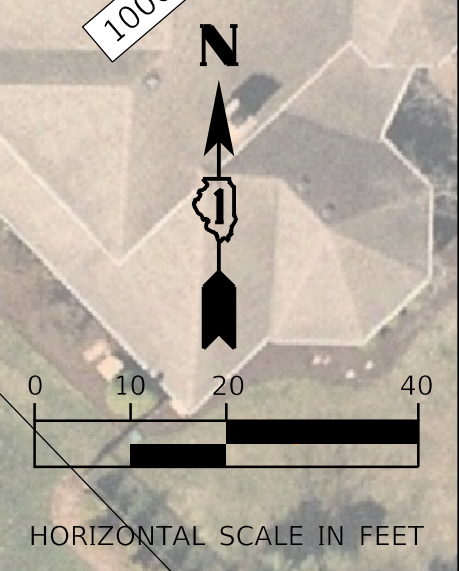
STATION 5

ANTICIPATED LIMITS OF CONSTRUCTION



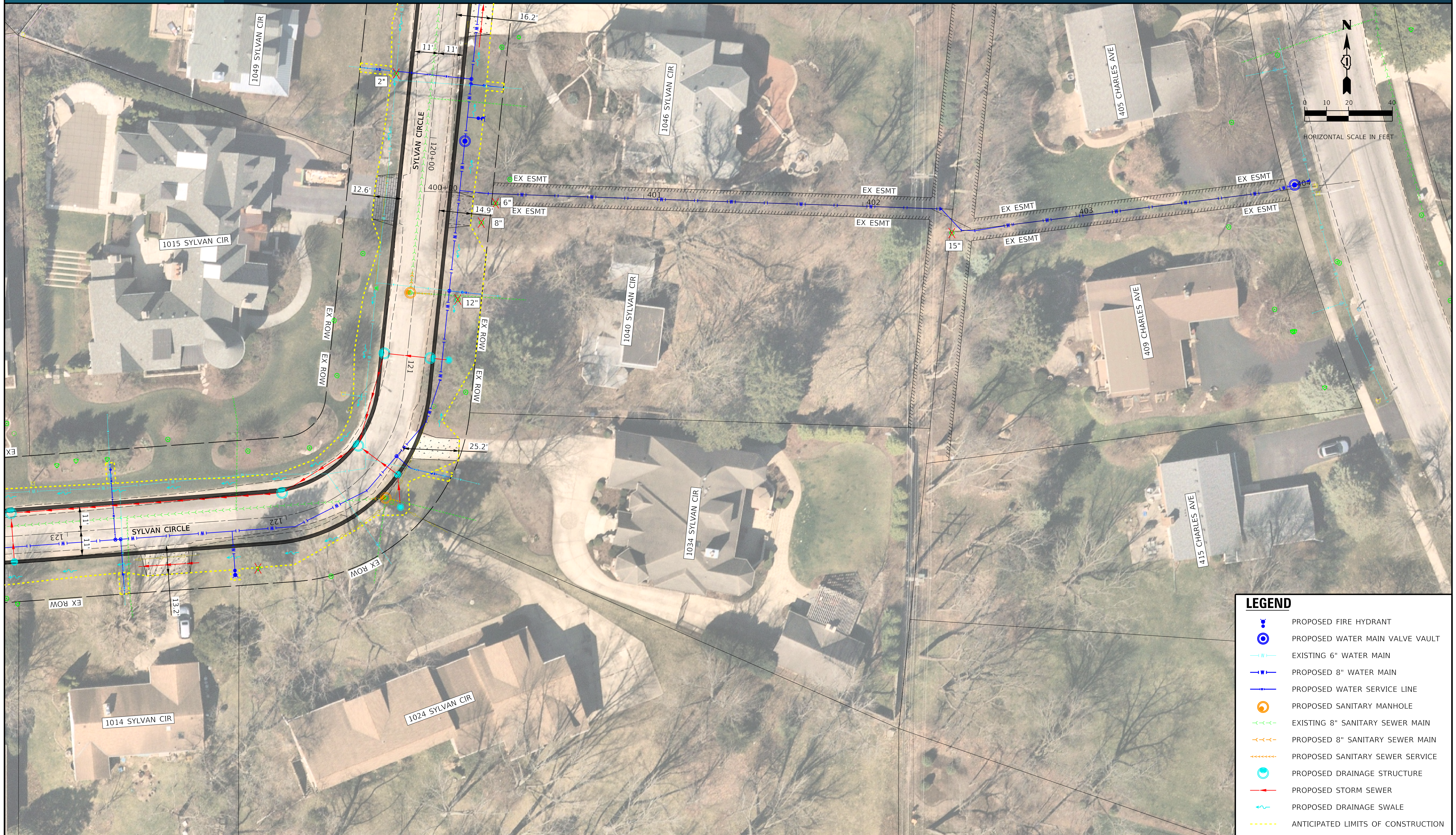
LEGEND

- PROPOSED FIRE HYDRANT
- PROPOSED WATER MAIN VALVE VAULT
- EXISTING 6" WATER MAIN
- PROPOSED 8" WATER MAIN
- PROPOSED WATER SERVICE LINE
- PROPOSED SANITARY MANHOLE
- EXISTING 8" SANITARY SEWER MAIN
- PROPOSED 8" SANITARY SEWER MAIN
- PROPOSED SANITARY SEWER SERVICE
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED STORM SEWER
- PROPOSED DRAINAGE SWALE
- ANTICIPATED LIMITS OF CONSTRUCTION



STATION 5

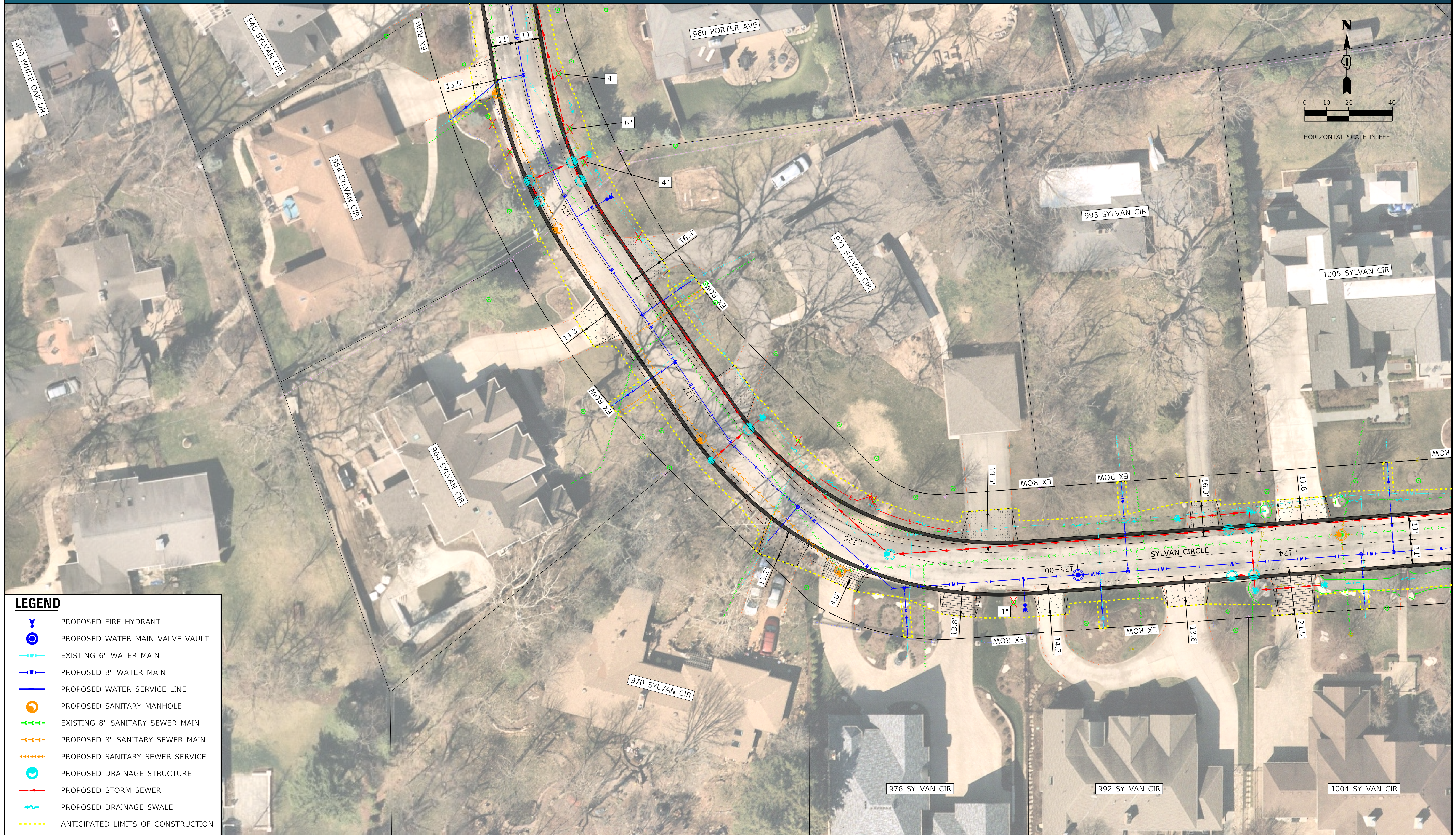
ANTICIPATED LIMITS OF CONSTRUCTION



LEGEND	
	PROPOSED FIRE HYDRANT
	PROPOSED WATER MAIN VALVE VAULT
	EXISTING 6" WATER MAIN
	PROPOSED 8" WATER MAIN
	PROPOSED WATER SERVICE LINE
	PROPOSED SANITARY MANHOLE
	EXISTING 8" SANITARY SEWER MAIN
	PROPOSED 8" SANITARY SEWER MAIN
	PROPOSED SANITARY SEWER SERVICE
	PROPOSED DRAINAGE STRUCTURE
	PROPOSED STORM SEWER
	PROPOSED DRAINAGE SWALE
	ANTICIPATED LIMITS OF CONSTRUCTION

STATION 5

ANTICIPATED LIMITS OF CONSTRUCTION

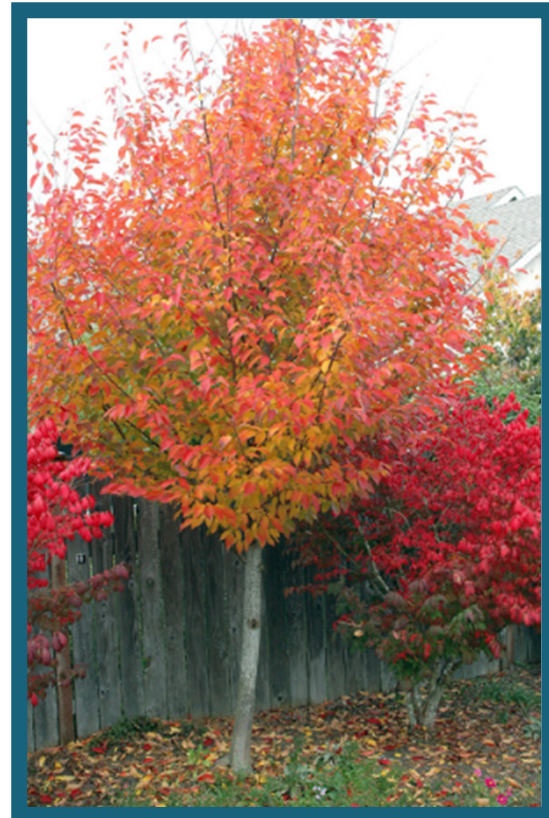


- LEGEND**
- PROPOSED FIRE HYDRANT
 - PROPOSED WATER MAIN VALVE VAULT
 - EXISTING 6" WATER MAIN
 - PROPOSED 8" WATER MAIN
 - PROPOSED WATER SERVICE LINE
 - PROPOSED SANITARY MANHOLE
 - EXISTING 8" SANITARY SEWER MAIN
 - PROPOSED 8" SANITARY SEWER MAIN
 - PROPOSED SANITARY SEWER SERVICE
 - PROPOSED DRAINAGE STRUCTURE
 - PROPOSED STORM SEWER
 - PROPOSED DRAINAGE SWALE
 - ANTICIPATED LIMITS OF CONSTRUCTION

5

Tree Replacement Choices

If a tree will be removed in the right-of-way adjacent to your property, please select a preferred replacement tree from those presented here



AMERICAN HORNBEAM – *Carpinus caroliniana*
Size: 25' tall by 25' wide.
Growth Rate: Slow
Leaf Color: Dark green leaves turn yellow, orange and red in fall.
Notes: Native to Illinois, best in moist soils, but tolerates both wet and dry.



AMERICAN LINDEN – *Tilia americana*
Size: 60' tall by 40' wide.
Growth Rate: Medium
Leaf Color: Light green leaves turn yellow in fall.
Notes: Small fragrant flowers in summer, native to Illinois.

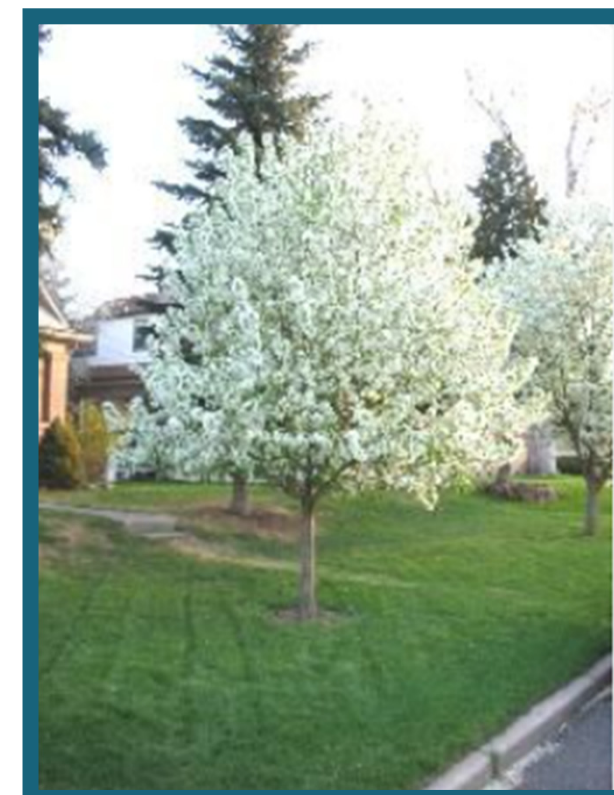


BUR OAK – *Quercus macrocarpa*
Size: 80' tall by 60' wide.
Growth Rate: Slow at first then medium
Leaf Color: Green leaves turn yellow to brown in fall.
Notes: Native to Illinois, long lived large shade tree.



CATALPA – *Catalpa speciosa*
Size: 55' tall x 30' wide.
Growth Rate: Medium to fast.
Leaf Color: Large heart shaped bright green leaves turn yellow green to brown in fall.
Notes: Native to Illinois, beautiful white flowers in late spring, long thin cigar shaped seed pods.

Newly installed trees will have 2"-2 1/2" diameter trunks



CRABAPPLE – *Malus species*
Size: 20' tall by 20' wide, but varies widely cultivar
Growth Rate: Medium
Leaf Color: Most have green leaves, some cultivars have purple leaves.
Notes: Beautiful flowers in the spring in many different colors depending on cultivar.

5

Tree Replacement Choices

If a tree will be removed in the right-of-way adjacent to your property, please select a preferred replacement tree from those presented here



GINKGO – *Ginkgo biloba*
Size: 60' tall by 40' wide.

Growth Rate: Slow

Leaf Color: Green leaves turn bright yellow in fall.

Notes: Attractive fan shaped leaves, very urban tolerant, no insect or disease problems. One of the oldest trees, growing on earth for more than 150 million years.



HACKBERRY- *Celtis occidentalis*
Size: 60' tall x 40' wide.

Growth Rate: Medium

Leaf Color: Green leaves turn yellow in fall.

Notes: Native to Illinois, unique warty bark, adaptable to tough urban conditions.



HONEYLOCUST - *Gleditsia triacanthos var. inermis*
Size: 50' tall by 40' wide.

Growth Rate: Fast

Leaf Color: Bright green in summer turning yellow in fall.

Notes: Native to Illinois, tree is somewhat 'vase' shaped with fine texture. Shade is not dense, consequently grass is able to grow under the tree.



HYBRID ELM - *Ulmus species*
Size: 70' tall by 50' wide.

Growth Rate: Fast

Leaf Color: Dark green in summer turning yellow in fall.

Notes: Tolerant of urban conditions, including poor soils, salt and pollution.

Newly installed trees will have 2"-2 1/2" diameter trunks



JAPANESE TREE LILAC - *Syringa reticulata*
Size: 25' tall by 15' wide.

Growth Rate: Medium

Leaf Color: Dark green in summer turning yellow/brown in fall

Notes: Small ornamental tree native to Japan. Plumes of creamy white flowers in summer. Attractive reddish-brown bark.

5

Tree Replacement Choices

If a tree will be removed in the right-of-way adjacent to your property, please select a preferred replacement tree from those presented here



KENTUCKY COFFEE TREE – *Gymnocladus dioicus*
Size: 65' tall x 50' wide.

Growth Rate: Medium

Leaf Color: Dark bluish green in summer and yellow in fall.

Notes: Native to Illinois, very few disease or insect problems, tolerates tough urban conditions.



REDBUD – *Cercis Canadensis*
Size: 25' tall by 25' wide.

Growth Rate: Medium

Leaf Color: Heart shaped green leaves turn yellow fall.

Notes: Native to Illinois, with small purple flowers in spring.

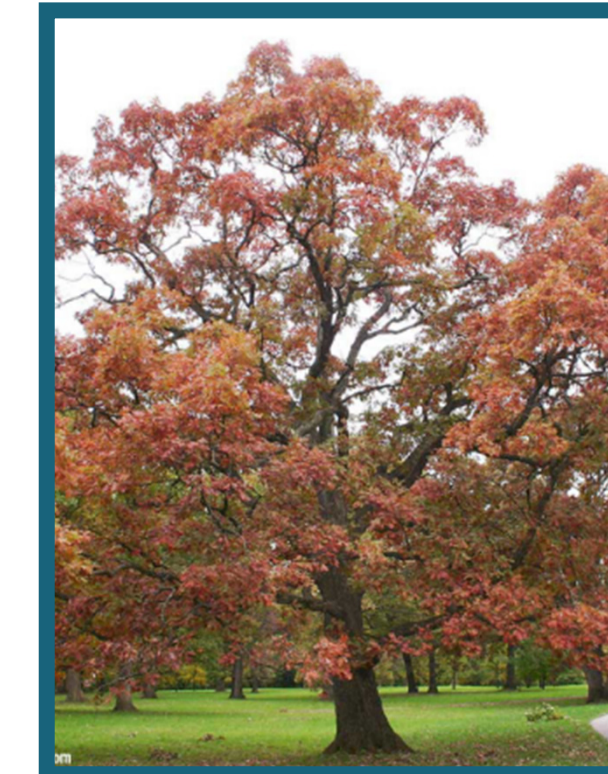


SILVER LINDEN – *Tilia tomentosa*
Size: 50' tall by 30' wide.

Growth Rate: Medium

Leaf Color: Dark green upper surface with silver color beneath, turning yellow in fall.

Notes: One of the best lawn and street trees, tolerates heat and drought.



SWAMP WHITE OAK – *Quercus bicolor*

Size: 60' tall by 60' wide.

Growth Rate: Medium

Leaf Color: Dark glossy leaves turn yellow to brown in fall.

Notes: Native to Illinois, tolerates urban conditions well.

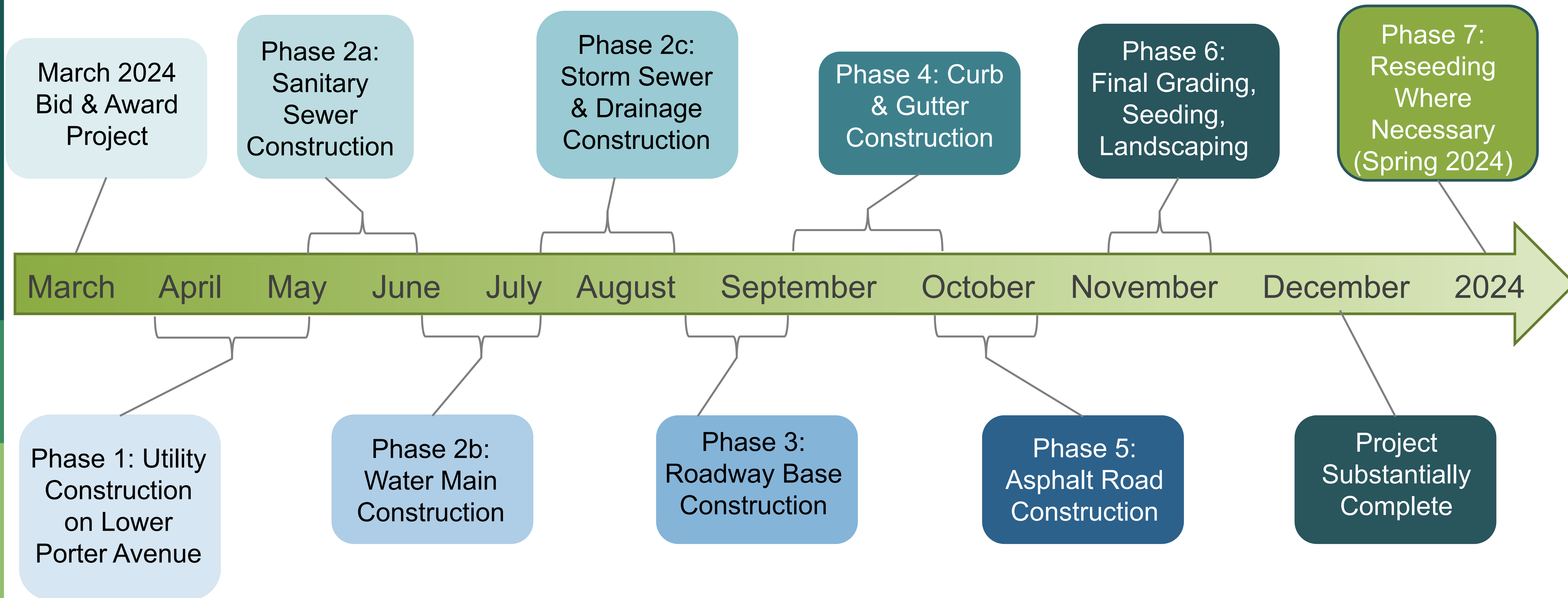
Newly installed trees will have 2"-2 1/2" diameter trunks

6

Construction Timeline

*The Contractor will develop a detailed project schedule, which will be approved by the City and shared with the neighborhood once the project begins.

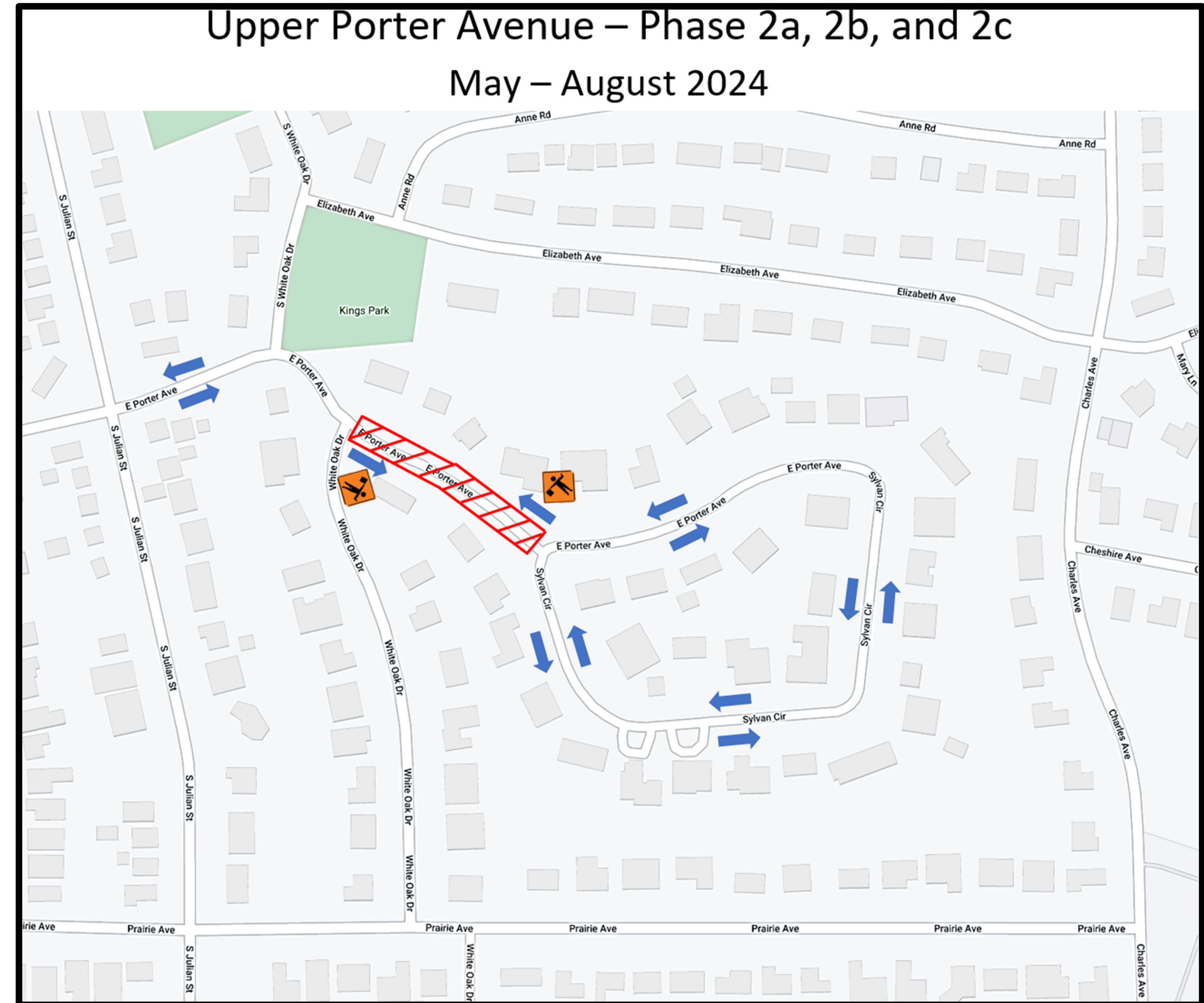
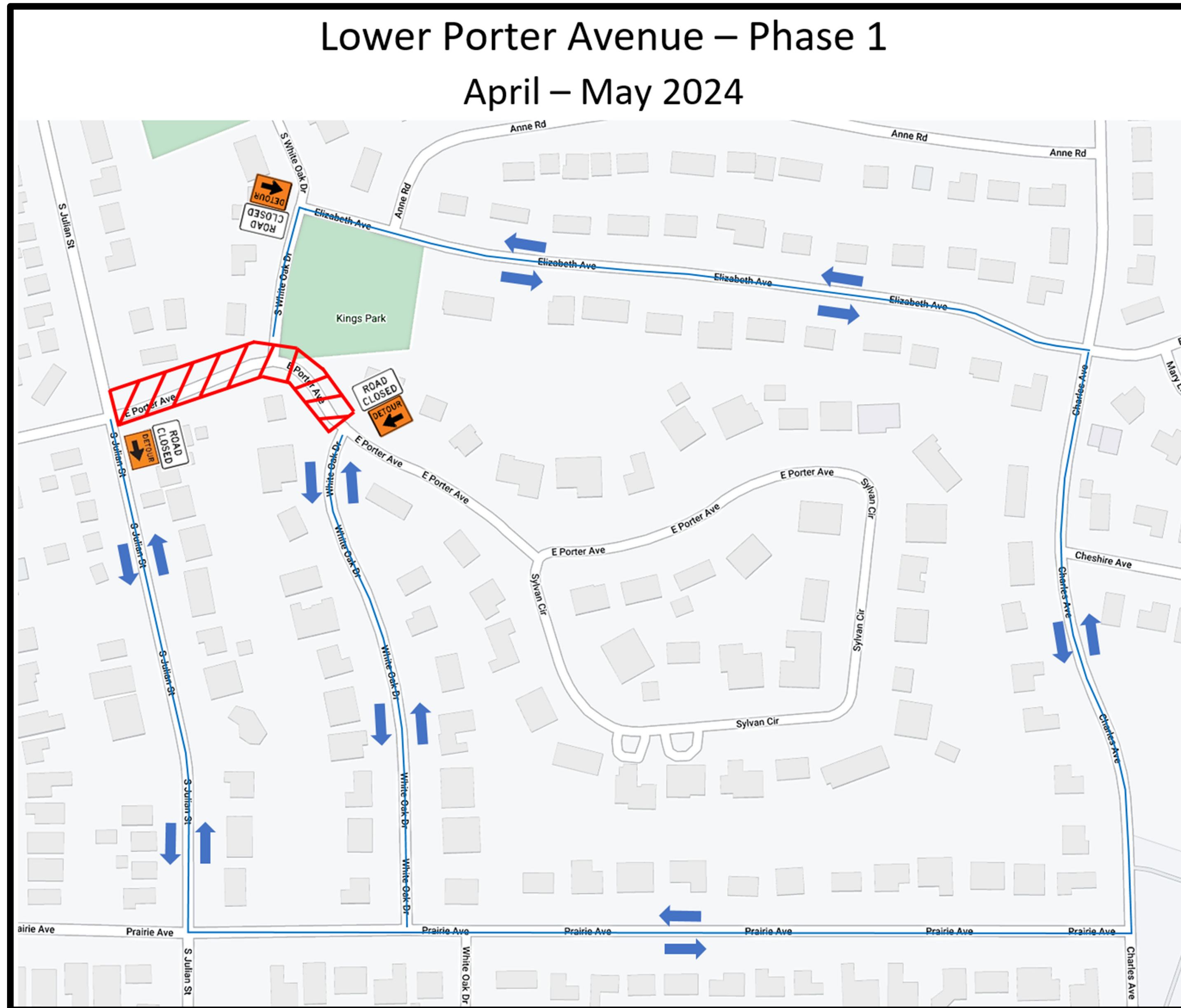
Construction timing is dependent on weather and unforeseen construction conditions.



6 Traffic Flow through Construction

*The Contractor will develop a detailed project schedule, which will be approved by the City and shared with the neighborhood once the project begins.

Construction timing is dependent on weather and unforeseen construction conditions.



Lower Porter Avenue closed to through traffic. Local detour routes posted.

Install water main, storm sewer, roadway base, depressed curb, and one layer of asphalt surface.

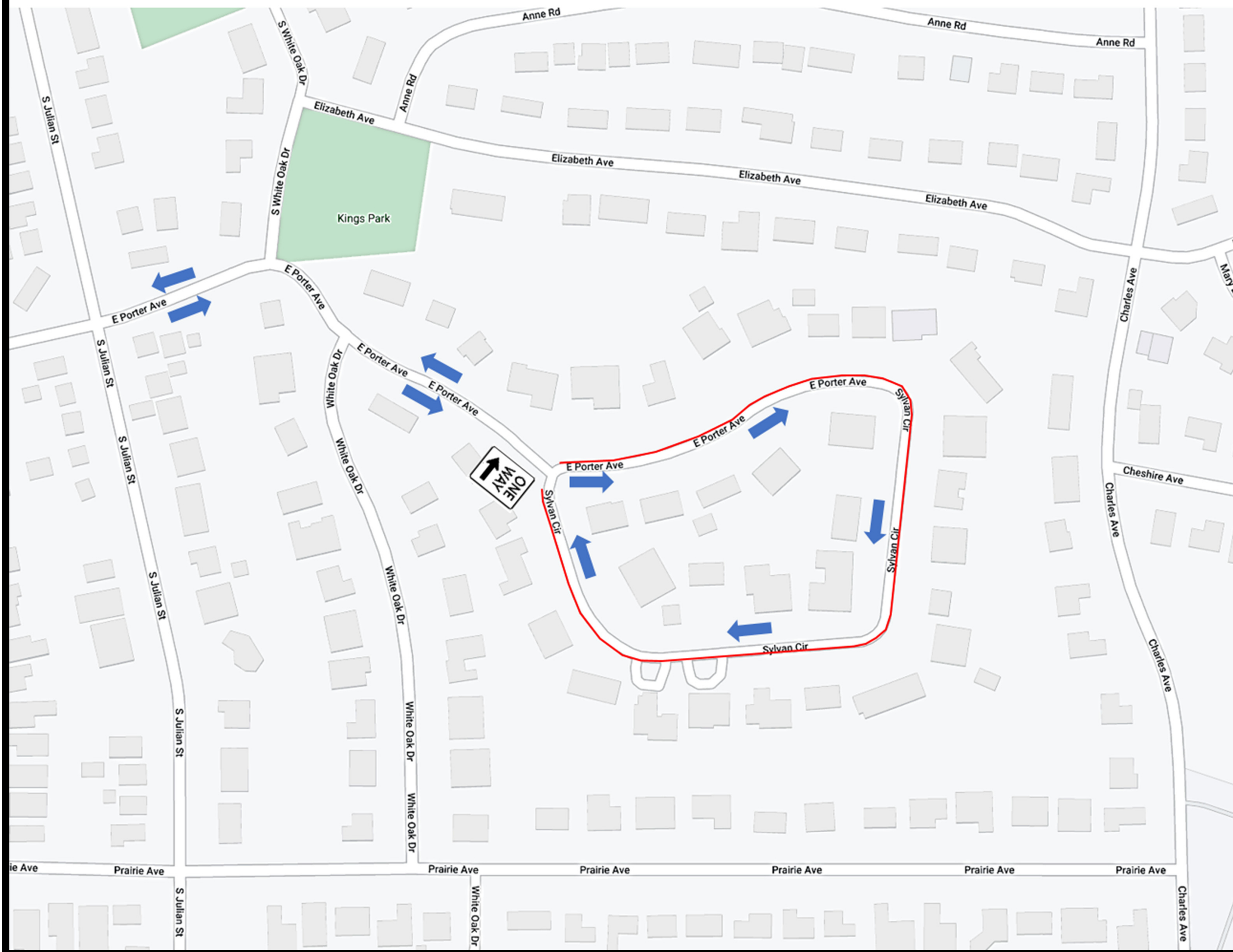
Construction of utilities on upper Porter Avenue, beginning with sanitary manholes. Next, water main will be constructed and service lines connected. Finally, the new storm sewer system will be installed.

Intermittent lane closures will occur at the immediate construction site, utilizing flaggers and one-way traffic, if needed.

6

Traffic Flow through Construction

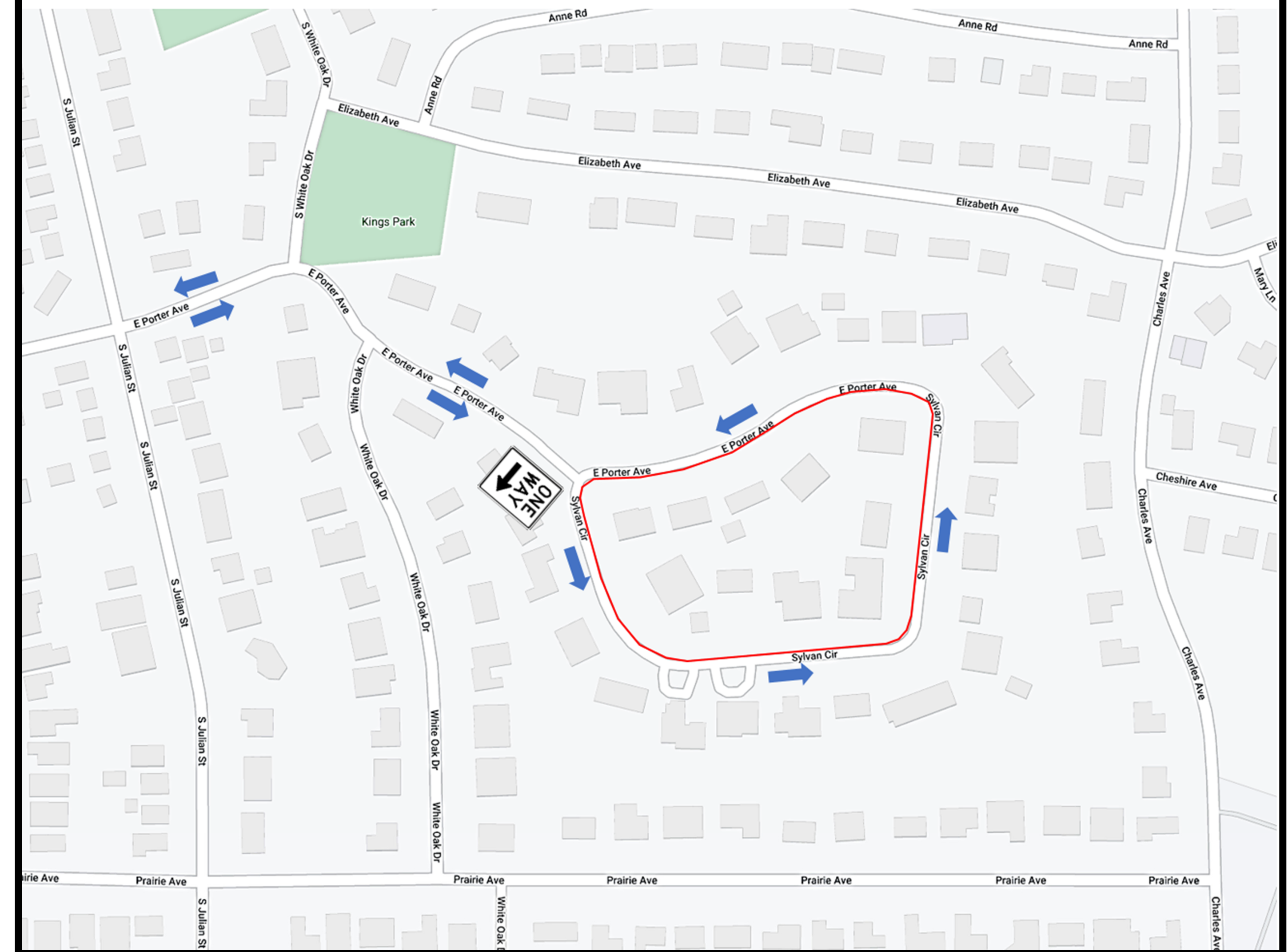
Sylvan Circle & Porter Avenue – Phase 4a
September – October 2024



Construction of the depressed curb and gutter on the outside of the circle.
Driveway access will be restricted for 1 week.

The inside lane of roadway will be dedicated for parking and the outside will be used for one-way traffic.

Sylvan Circle & Porter Avenue – Phase 4b
September – October 2024

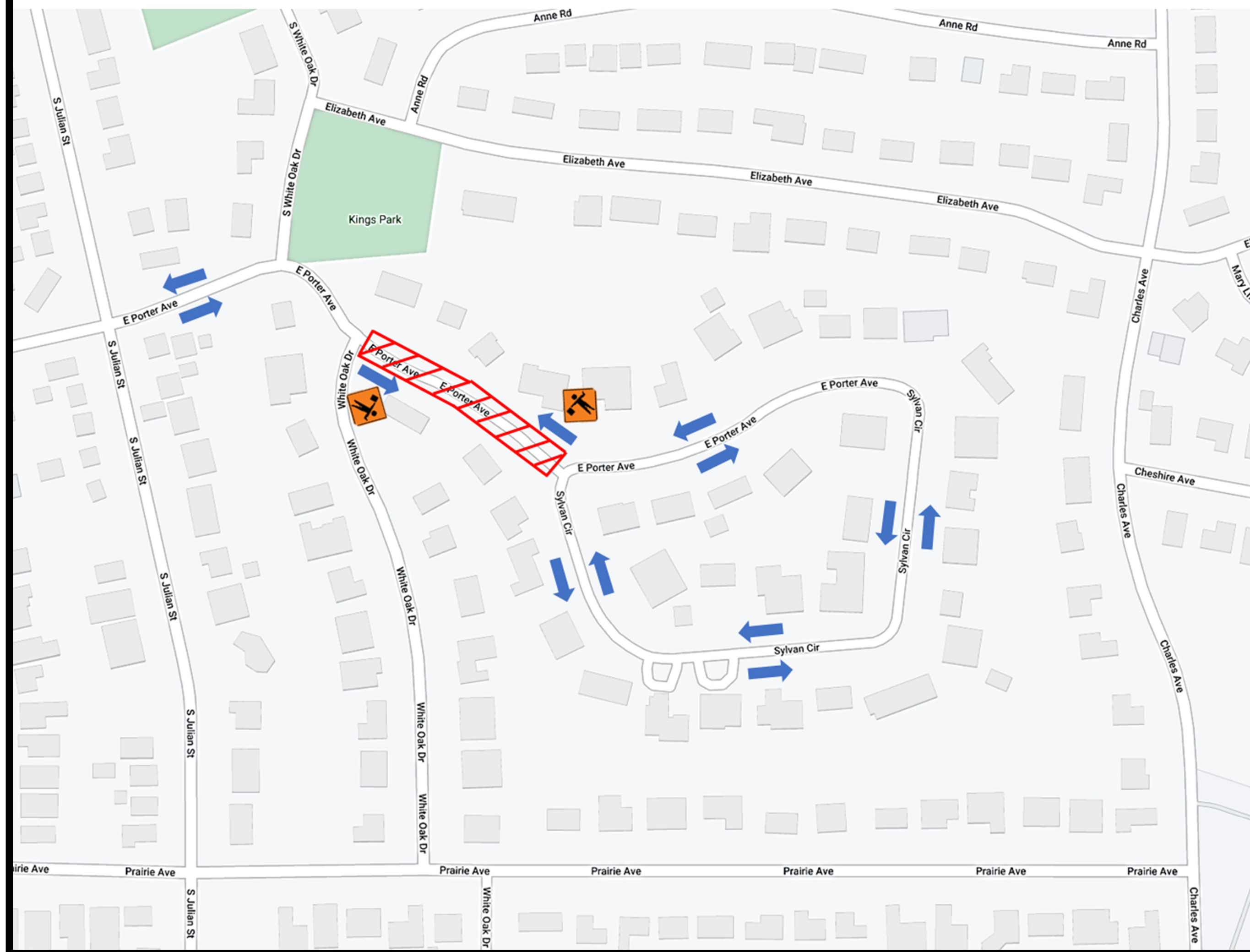


Construction of the depressed curb and gutter on the inside of the circle.
Driveway access will be restricted for 1 week.

The outside lane of roadway will be dedicated for parking and the inside will be used for one-way traffic.

6 Traffic Flow through Construction

Sylvan Circle & Porter Avenue – Phase 5
October 2024



Construction of asphalt roadway, one lane at a time, utilizing flaggers and one-way traffic.

Sylvan Circle & Porter Avenue – Phase 6
November 2024



Construction of final grading, seeding, and landscaping.

Two-way traffic open throughout project limits

7 | Questions & Comments

We want your input!

Please fill out a question form to let us know of any construction concerns or questions about the information presented this evening. The City will respond .

Completed forms can be placed in the drop-box during today's public meeting, mailed/dropped off at the address below, or emailed to the Project Manager (maryc@thomas-engineering.com). All comments must be submitted no later than **November 22, 2023**.

City of Naperville
Transportation, Engineering, and
Development Business Group
ATTN: Matthew Calpin, P.E.
400 S. Eagle Street
Naperville, IL 60540



Input forms also found on the City's project website:

www.Naperville.il.us/SylvanCircleImprovements

