

NEWARK

OHIO ▫ USA

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- **16 North Sewer Separation Project**
- Part of City's Long Term Control Plan
- Combined Sewer Separation project designed to reduce combined sewer overflows to the river, replace aging water mains and revitalization of the affected neighborhoods.
- Originally one project but recently received OEPA approval to split into Phase 1 and Phase 2



- **16 North Sewer Separation Project**

- Phase 1- Mt. Vernon Road from St. Clair to Rugg Avenue, Moull, Fairfield, Jefferson and Rugg Ave. and North St. from Mt. Vernon east to Licking River
 - **March 2026 – July 2028**
 - New Sanitary Sewer, Storm Sewers, Waterlines, paving and sidewalks
 - Estimated cost is \$60,000,000
 - Funded with Ohio State Revolving Loan Fund

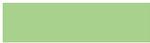


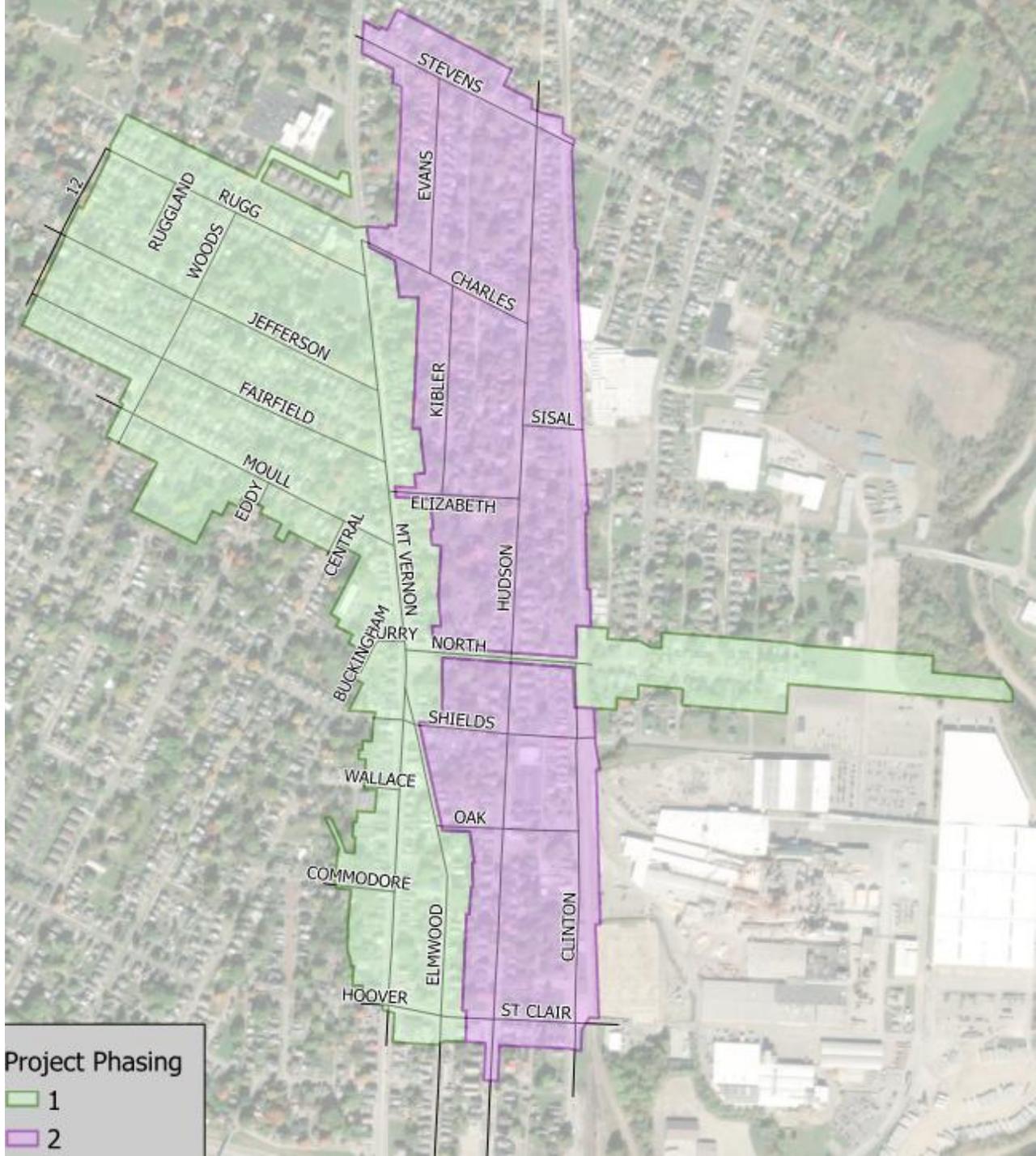
- **16 North Sewer Separation Project**

- Phase 2- Hudson Avenue from St. Clair to Stevens St and side streets from Hudson to Mt. Vernon Rd.
 - **July 2028 – January 2031**
 - New Sanitary Sewer, Storm Sewers, Waterlines, paving and sidewalks
 - Estimated cost is \$45,000,000
 - Funded with Ohio State Revolving Loan Fund



16 North Sewer Separation Project

Phase 1	
Phase 2	

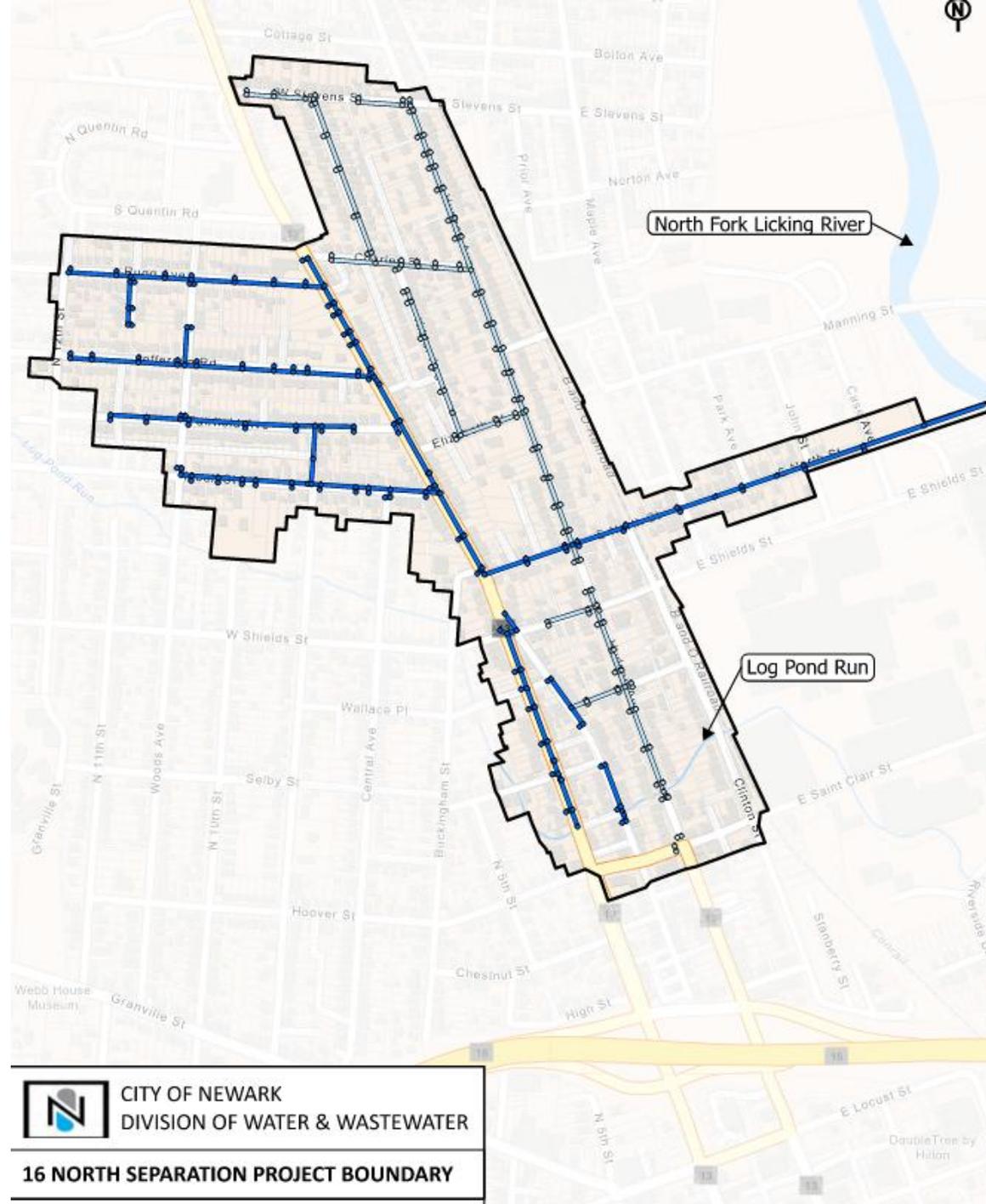


Project Phasing

	1
	2



16 North Sewer Separation Project Storm Sewers





Private Downspout Disconnection

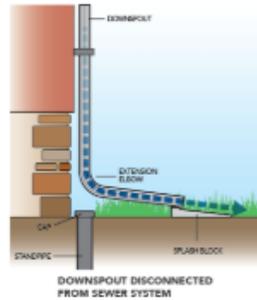
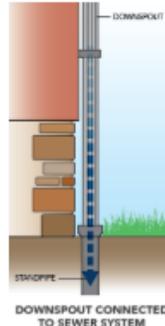
The City will be disconnected downspouts from customers that are currently connected to the combined sewer and redirecting stormwater to the lawns, curbs, rain barrel, etc.

Downspout Disconnection

The Key to Avoid Backups!

What is a downspout?

Most buildings have gutters that collect rainwater from a roof. Downspouts transport water from the roof of a building to the ground. When a downspout is connected directly to the sewer system, unwanted rainwater enters the sewer.

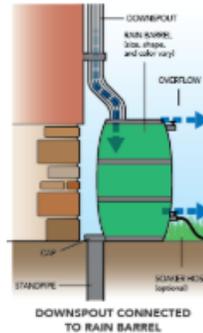


Isn't water entering the sewer a good thing?

Downspouts connected to sewer systems increase the amount of water being sent to the wastewater treatment plant. During rain events, clean rainwater can overwhelm the sanitary sewer system and lead to combined sewer overflows into rivers, basements, and other areas that are susceptible to flooding. By disconnecting downspouts, the sanitary sewers will be less overwhelmed with clean rainwater.

What happens after disconnection?

Once the downspout is disconnected from the sewer, there are a few different things you can do! Redirecting the downspout outflow into vegetation or a garden is one way to use rainwater to your advantage. Another alternative is to set up a rain barrel to catch the rainwater. This way, the rainwater collected can be used for a multitude of things.



Who should disconnect?

Everyone! Any downspouts that discharge stormwater into sanitary sewers are against Newark City Code. All stormwater should be directed to a storm drain, surface drain, or some other stormwater collection apparatus. Helping decrease the amount of water in the sanitary sewer will ensure flooding and backups are kept to a minimum!

How to Disconnect Your Downspout

- | | | |
|---------------------------------|---|-----------------------|
| Materials needed | | Tools needed |
| • Sheet metal screws | • | • hacksaw |
| • Standpipe expansion cap | • | • drill |
| • downspout elbow and extension | • | • needle-nosed pliers |
| • splash block/ rocks | • | • screwdriver |
| | | • tape measure |
| | | • shovel |



Step 1- Cut downspout from sewer pipe
Saw off downspout 9-12 inches from where it connects with the sewer line



Step 3- Attach elbow to downspout
Connect the two by inserting the downspout into the elbow, which then inserts into an extension pipe to ensure the outflow of rainwater is away from any structures. Once connected, use a drill to create holes on either side of the fitting and secure fittings together using sheet metal screws.



For a video tutorial and other tips for helping improve our storm water clean, please visit our website at <https://www.newarkohio.gov/stormwater-utility/>



Step 2- Plug sewer line
Use an expansion cap or plug and place over the open sewer line
Tip: measure the diameter of the sewer line pipe to find the best fitting cap



Step 4- create outflow spot
Add a splash block to the end of the extension, or set up extension pipe to discharge in a small, rock-filled ditch.
Tip: if you want to use rainwater for other areas in your garden or yard, look in to setting up a rain barrel!

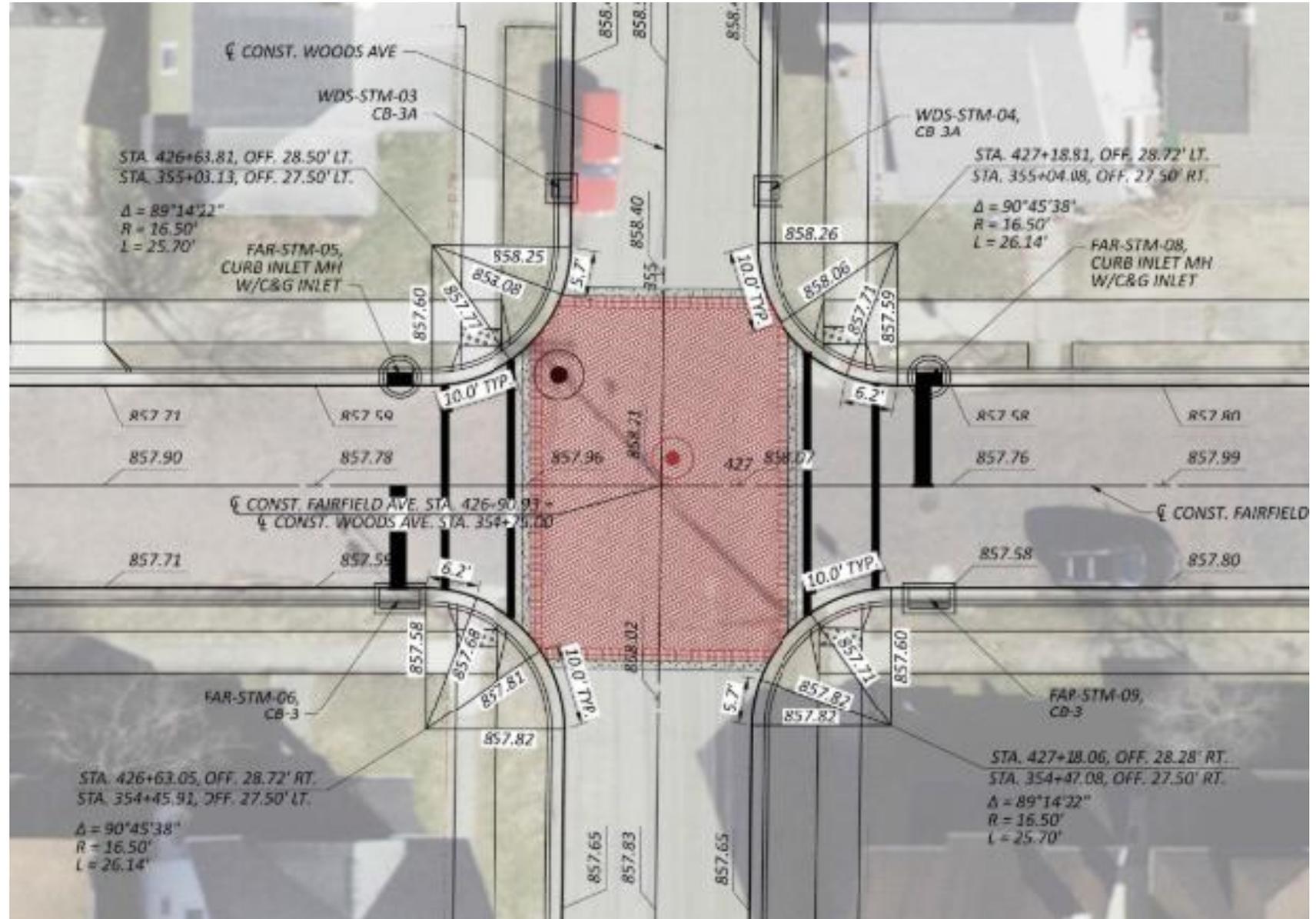


Brick Streets

Brick vs. Asphalt streets were evaluated as part of the project. Several brick streets will be replaced with asphalt.

New Brick intersections are being installed to keep the historic feel of the neighborhoods.

Cost for all brick streets is \$2.5M additional. Tax assessments could be done for willing residents but minimal interest.



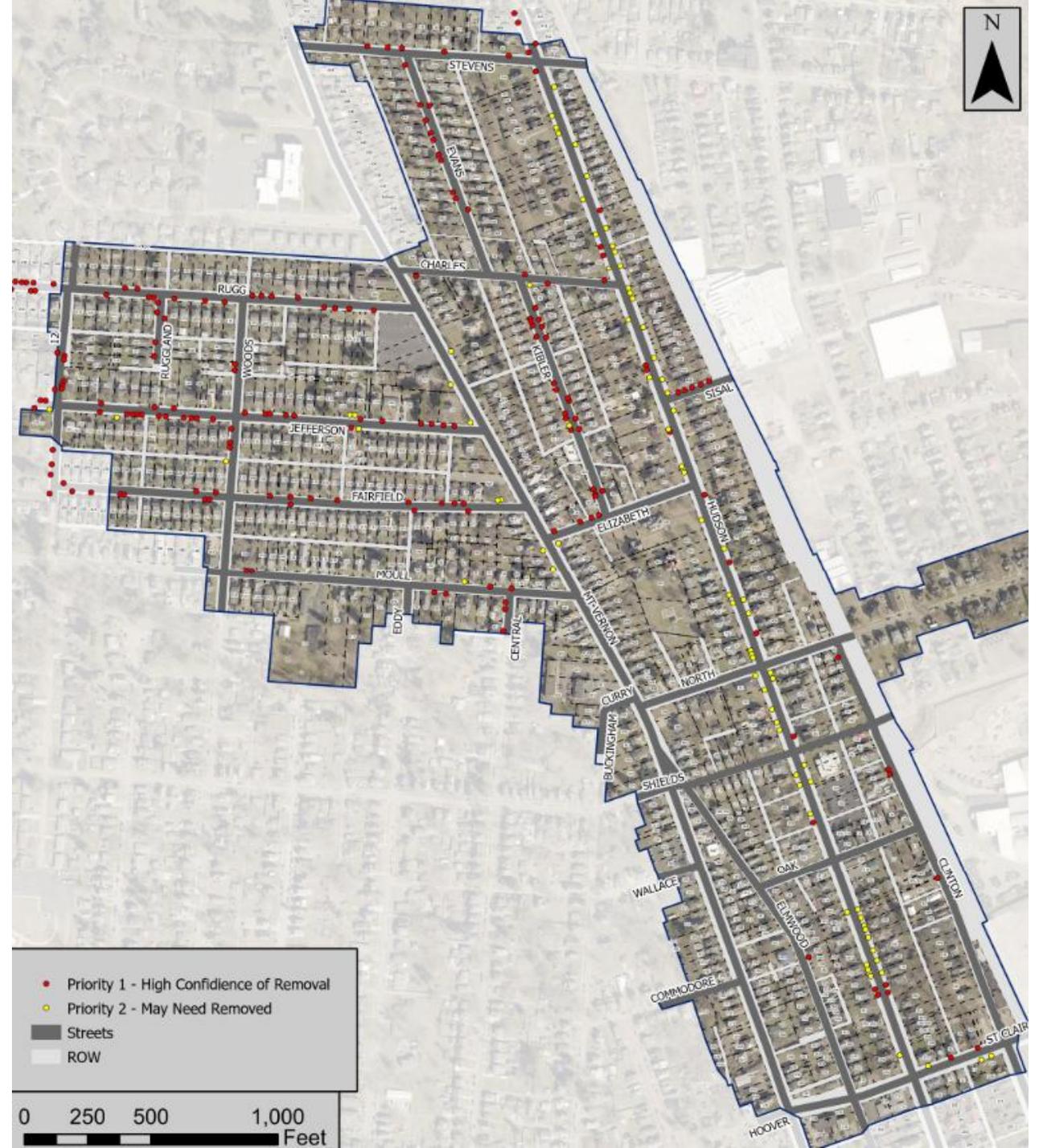


Tree Removal

There are approximately 250 trees in the entire project area that will be removed.

This is due to the impact to the root zones. As construction occurs, the excavation close to trees will disturb the root zones, which will cause the trees to eventually die. The City is proactively removing as part of the project to prevent future blight in the neighborhoods.

Residents will have the opportunity for trees to be replanted if desired.



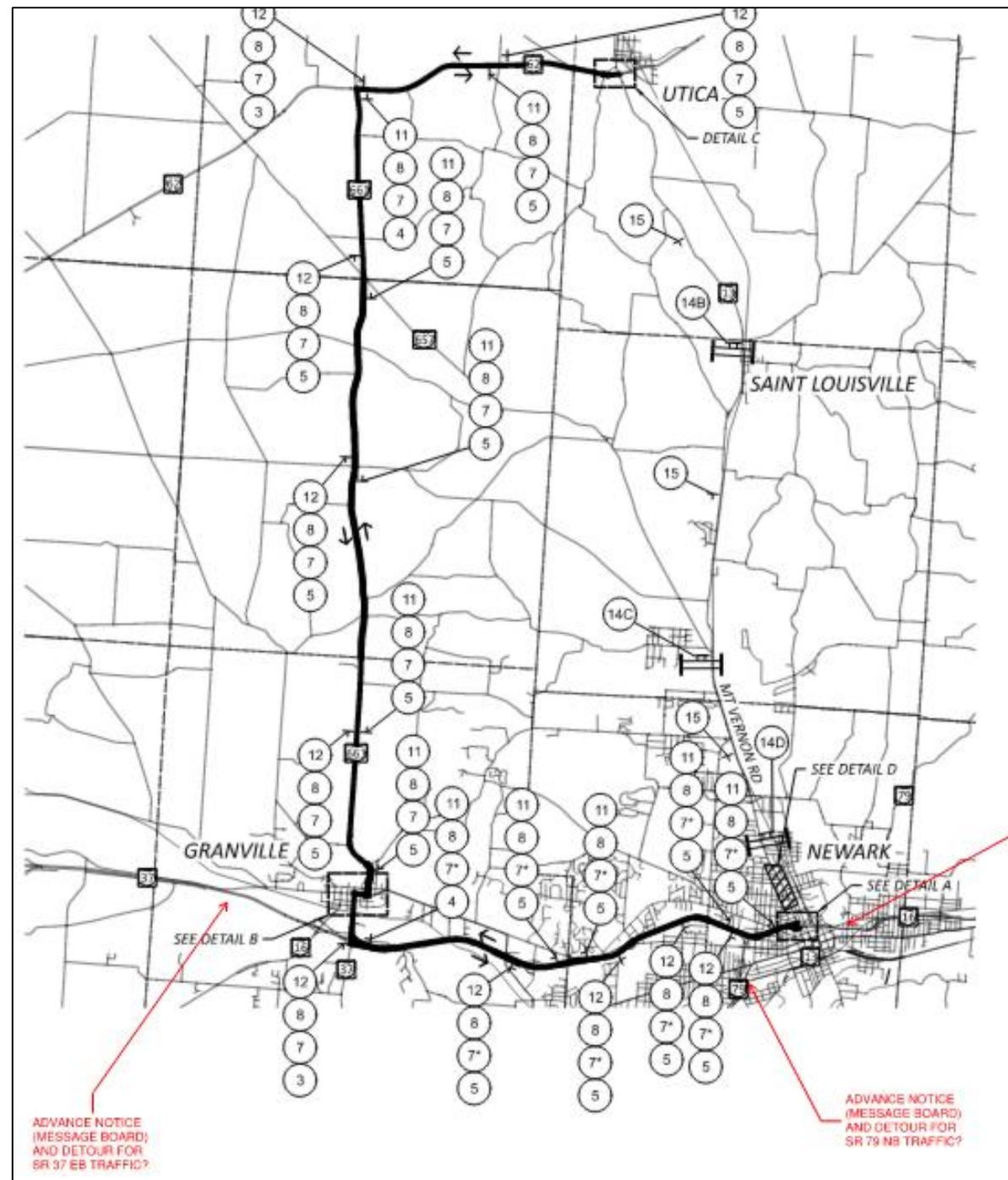


Traffic/Detours

State Route 13/Mt. Vernon Rd. is main north-south corridor for the City.

As part of the design, the City evaluated the impact to through traffic as well as local traffic.

Mt. Vernon Rd. is expected to be closed 9-12 months. Detour route is Utica to SR 62 to SR661 to Granville. Local detour routes will use 21st Street and Hudson Avenue





Questions?