

**SHAKER HEIGHTS**  
Lynnfield/Lomond SSO-11 Control  
Project

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SHAKER HEIGHTS PUBLIC WORKS  
FEBRUARY 26, 2025

RAMONA LOWERY-FERRELL, DIRECTOR OF PUBLIC WORKS  
CHRISTIAN MAIER, ASSISTANT DIRECTOR OF PUBLIC WORKS

# Meeting Agenda

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- Project Team
- Description of Project
- Project Information
- Project for Construction
- Construction Phasing and Schedule
- What do I do if I have a Question
- Questions / Comments

# Project Team

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## City of Shaker Heights

- Ramona Lowery-Ferrell, Director of Public Works
- Christian Maier, Assistant Director of Public Works
- Anthony Smith, Sewer Superintendent

## Wade Trim – Construction Manager

- Bryan Celik, Project Manager
- Darrell Dunnican, Construction Inspector

## Fabrizi Trucking and Paving- Contractor

- Dustin Prebish, Project Manager
- Bryan Wilhemy, Construction Superintendent

# Description of Problems

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- Sanitary Sewer Overflow 11 (SSO 11) is located at the Lynnfield/Lomond intersection. During rain events, enough rain can overwhelm the sanitary mains and cause sewage to pollute the environment and potentially back up into homes.
- As a result of climate change, storm events are becoming more frequent with higher intensity. This project involves installing larger diameter pipes to handle rain events we can expect and minimize the frequency of basement back-ups.
- The primary goal of the project is to reduce the frequency of raw sewage polluting the environment. The secondary goal is to alleviate flooding in the sewer system in this neighborhood.

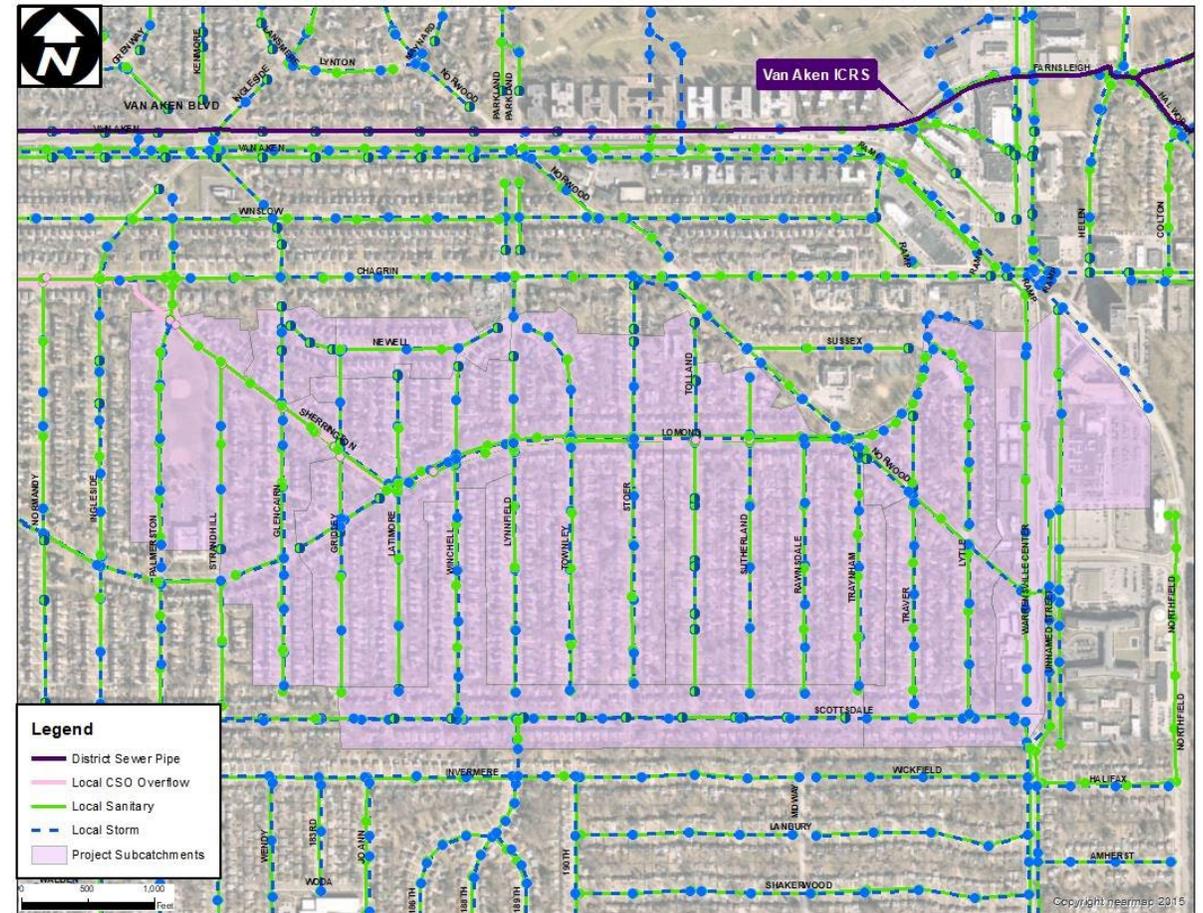
# Project Goals

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- Eliminate SSO-11, thereby preventing sewage from polluting the local watershed
- Reduce risk of basement backups throughout the service area
- Address impacts of climate change
- Reduce project risks during construction
- Minimize impacts to private property
- Minimize permanent and temporary easements
- Protect existing trees

# Project Area Overview

- Service area is approximately 250 acres
- There are roughly 1,200 properties in the sewer shed.
- SSO-11 located near intersection of Lynnfield Rd and Lomond Blvd
- Overflow directed towards Kingsbury Run
- Sanitary directed to the Heights Hilltop Interceptor



# Project Funding for Construction

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- \$1.95 Million in City Capital funds
- \$2.0 million from NEORSD Member Community Infrastructure Program
- \$2.0 million in zero interest loan from the Ohio Public Works Integrating Committee
- \$1.6 million from US EPA Grant
- \$741,000 from the Cleveland Water Department
- Total Project Funding = \$8,300,000

# Project Coordination

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- City Services (rubbish, leaves & brush collection) will be maintained
- All emergency services will have access throughout the project
- Project team is in regular contact with the School Transportation office
- Other construction projects in Lomond Neighborhood:
  - Enbridge Gas Main Replacement project
    - Mid-February to April
    - Strathavon Rd, Riedham Rd, Avalon Rd, Daleford Rd, Normandy Rd (Lomond Blvd to Scottsdale)
  - Enbridge Gas Main Replacement project
    - June to August
    - Lomond Blvd (Lee Rd to Gridley Rd.)
  - Cleveland Water Department Lead Service Line Replacement Home Visits are planned and residents notified directly
    - Ingleside Rd. (Scottsdale to Chagrin)
    - Latimore Rd. (Scottsdale to Newell)
    - Winchell Rd. (Scottsdale to Newell)
    - Newell Rd. (Chagrin to Lynnfield)

# Design/Construction Improvements



- 1,387-feet of 36-inch replacement sewer
- 2,225-feet of water main replacement
- Rehabilitate 705-feet of existing 12-inch sanitary pipe
- 1,205-feet of 30-inch parallel sewer
- Eliminate existing overflow connection to SSO-11
- 1,377-feet of 18-inch replacement sewer

# Construction Information

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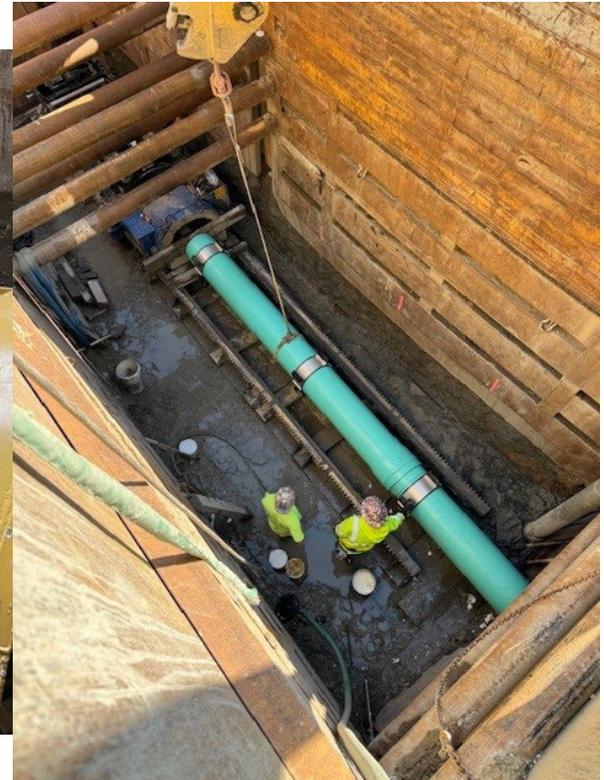
Project will include the following types of work:

- Installation of new water main – The project will include a temporary water main bypass. We will coordinate homeowners that are affected
- Installation of new Sanitary Sewer
  - Open-Cut Construction
  - Trenchless (Jack and Bore) Construction
- Concrete Restoration
  - Driveway Approaches
  - Sidewalks
  - Curbs
- Asphalt Restoration – New Paved Roads!
- Landscape Restoration
  - All areas affected will be restored to as-new condition

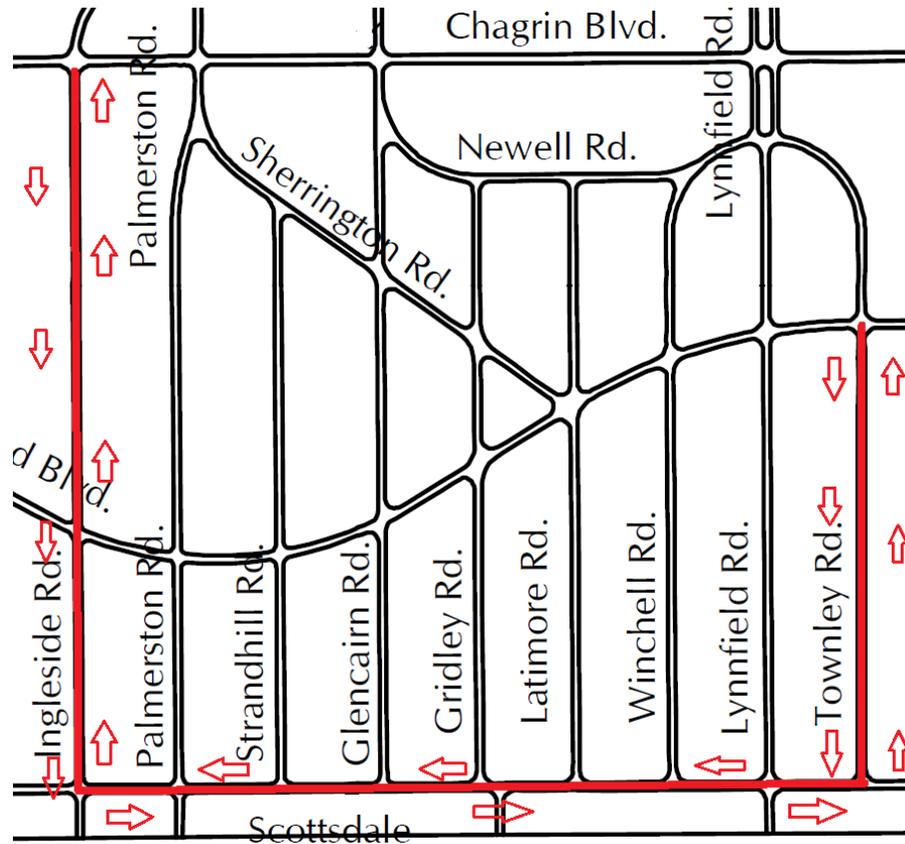
# Construction Phasing Overview



# What to Expect during Construction – Boring Construction



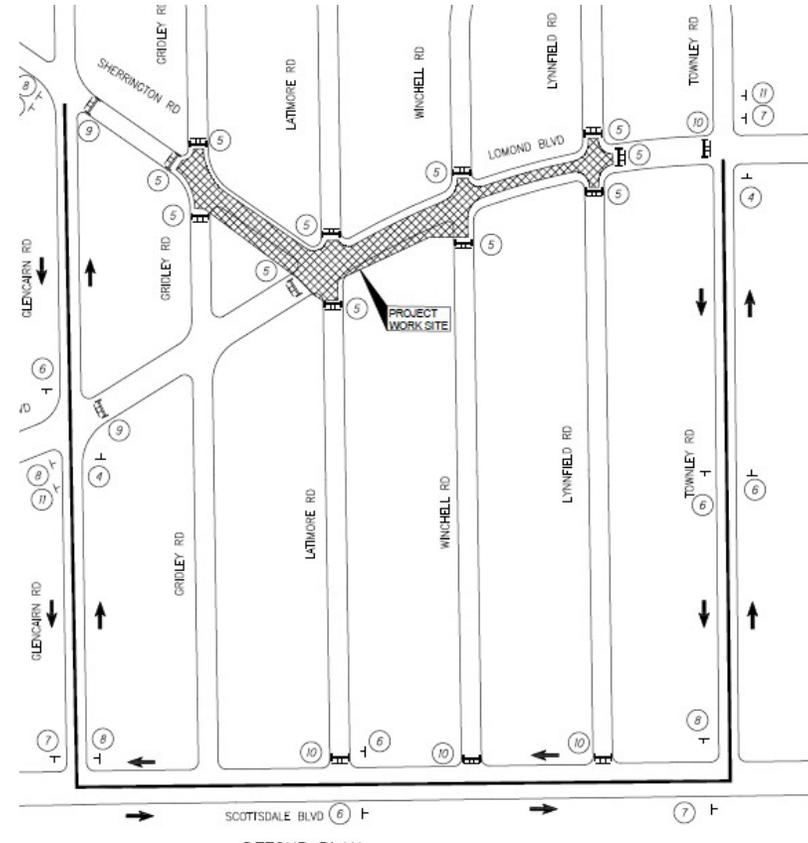
# Maintenance of Traffic (MOT)



- Purpose
  - Keep motorists, pedestrians and bicyclists safe
  - Protect workers and equipment
  - Reduce disruptions to construction
- Local traffic will be maintained
- Approximate Duration – 12 months

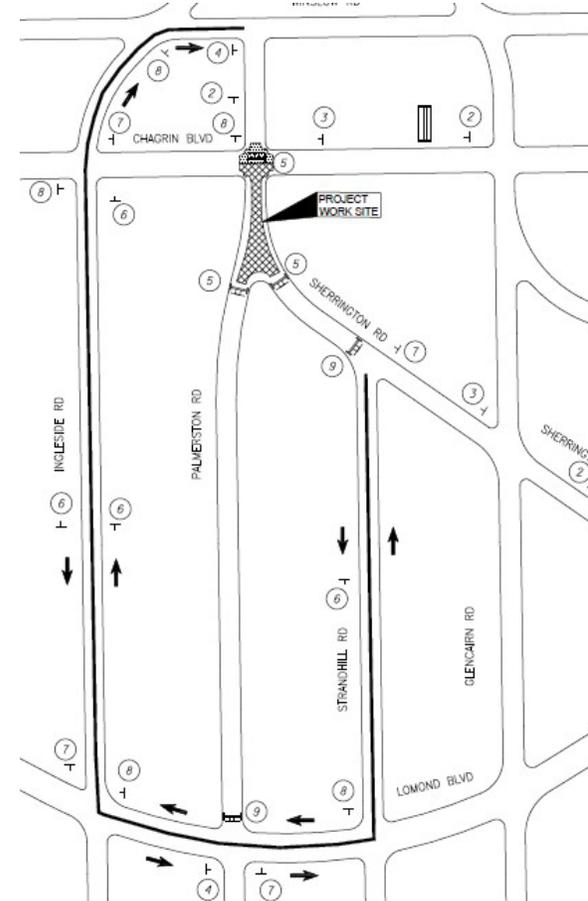
# Construction Schedule – Phase 1

- Installation of Sanitary Sewer on Sherrington Road from the intersection of Gridley to Lattimore and on Lomond Blvd to the intersection of Lomond and Lynnfield.
  - March 2025 to July 2025
  - This works includes Receiving Pits and consist of Jack and Bore (Tunnelling Construction)



# Construction Schedule Phase 2

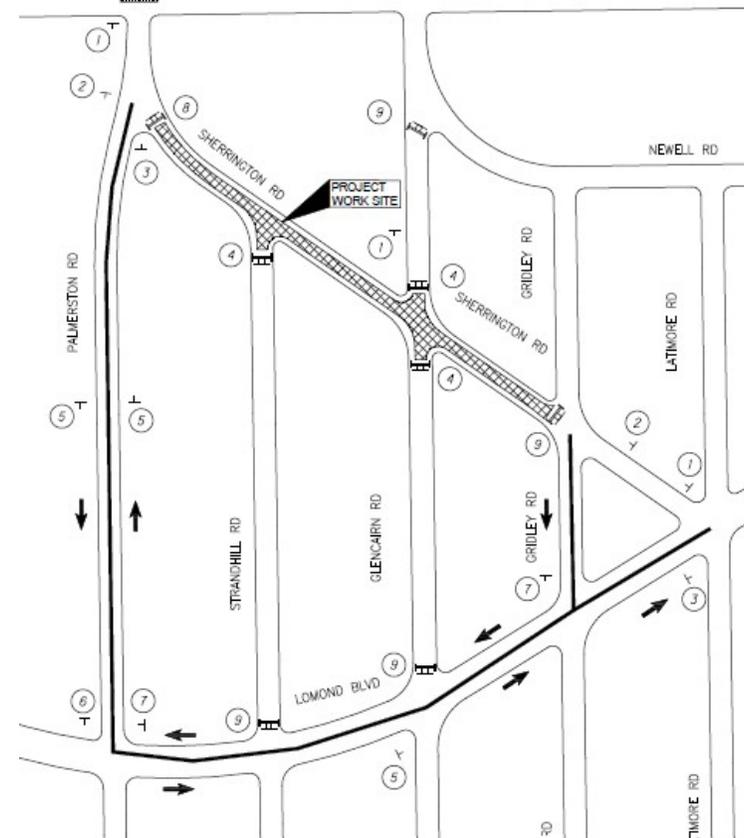
- Installation of Sanitary Sewer and Water Main installation from intersection of Chagrin Blvd to Sherrington and Palmerston
  - March 2025 to September 2025



# Construction Schedule Phase 3

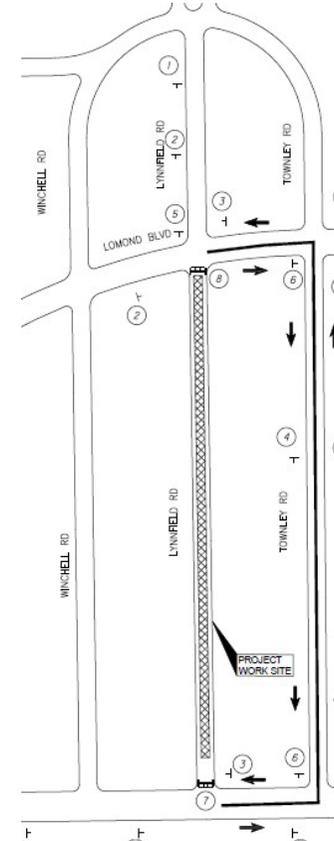
Installation of Water Main on Sherrington  
from Palmerston Road to Gridley Road

- September 2025 to November 2025



# Construction Schedule - Phase 4

- Installation of Sanitary Sewers on Lynnfield Road
  - November 2025 to June 2026



# What do I do if I have a question or concern

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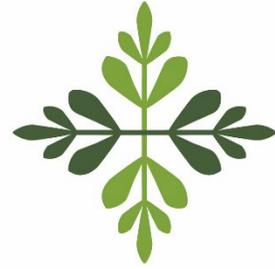
- First Avenue
  - Talk to Wade Trim – Darrell Dunnican
  - Contact the City of Shaker Heights
    - Anthony Smith
  - Public Works Assistant Director
    - Christian Maier

# Construction Updates

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- Follow us on Facebook at [facebook.com/ShakerHeights](https://facebook.com/ShakerHeights)
- Visit [shakerheightsoh.gov/SSO](https://shakerheightsoh.gov/SSO)
- Use this QR code





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Questions?

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