

GRAVEL ROADS: STORMWATER MANAGEMENT INFORMATION SESSION

**Year 3: North Geddes Area, South Geddes Area, Westover/Park Lake
Area**

November 19, 2025

Introductions

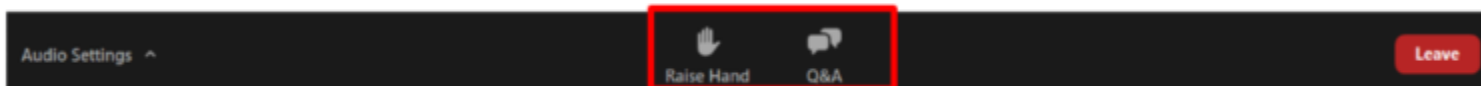
- Jennifer Lawson, Water Quality Manager
- Jasmine Isaac, Community Engagement Specialist



Technology

Computer

- Select **Raise Hand**
 - You will be identified by the name provided when you entered the meeting
 - Select **Lower Hand** if needed.
- **Q &A**
 - Type your question
 - Check **Send Anonymously** if you do not want your name to be visible with your question



Phone

- Select *9 to raise your hand
- You will be identified by the last 3 digits of your phone number



Meeting Norms

- Commit to learning and avoid speculation.
- Critique ideas, not people.
- Use thoughtful language.
- Inappropriate language or gestures will result in removal from the meeting.



Agenda

1. Why We Are Here Today
2. Stormwater Management Overview
3. North Geddes Area, South Geddes Area, Westover/Park Lake Area
4. Comments from Attendees



Study Areas and Schedule

General Location

Valley Drive/Evergreen Subdivision

Kimberley, Alexandria, Swift Run Area

North and South Geddes Area, Westover/Park Lake Area

Chalmers, Elmwood, Other Areas

Year of Study

Complete

Complete

2026

2027



Why Are We Here Today?

This meeting was scheduled to:

- Provide information about the City's stormwater management program
- Give residents an opportunity to ask questions
- Set realistic expectations for next steps





The City plans, designs, constructs, and maintains a system to manage stormwater, sediment, and flood mitigation programs and projects to protect water quality and reduce negative impacts on people, property, and infrastructure.



What is Stormwater Management?

How We Plan For and Manage Stormwater

The City maintains a network of “grey” and “green” infrastructure, and public rights-of-way (roads) to provide stormwater storage and conveyance for rainfall events.

Gray Infrastructure

- Pipes
- Catch Basins
- Underground Storage
- Pervious Pavement

Green Infrastructure

Natural

- Creeks
- Streams
- Street Trees

Built

- Detention Ponds
- Rain Gardens
- Infiltration Basins
- Bio-swales

Public Right of Way

- Roads
- Ditches
- Curb Drains



Examples

Gray Infrastructure



Green Infrastructure



Public Right of Way



Design Criteria & Managing Expectations

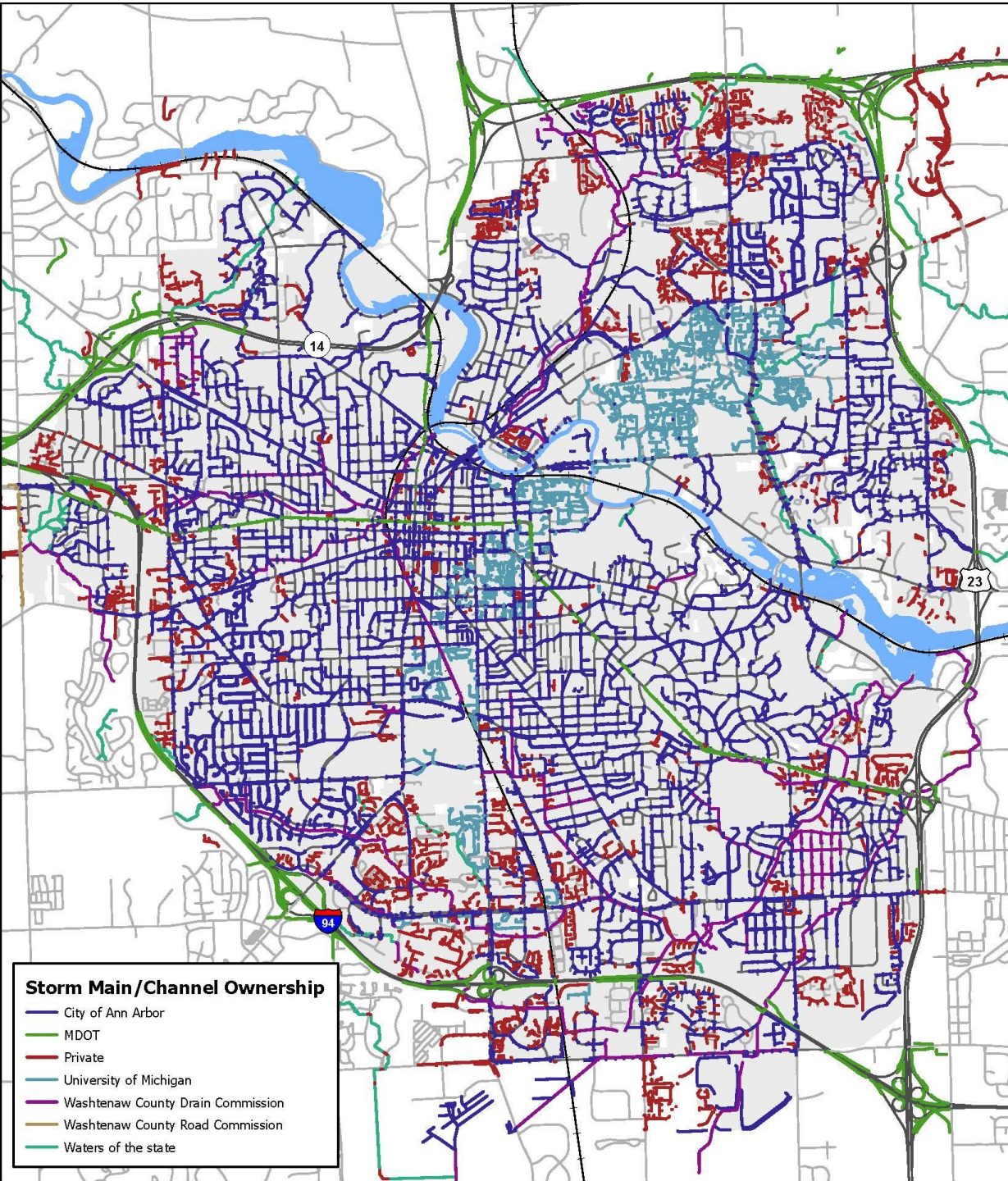
Storm drains are not designed to pass all storms... there will always be a bigger storm

- Since the 1980's storm pipes constructed to pass the 10-year storm event* (10% annual chance storm)
- Older storm pipes were designed to pass the 5-year storm event (20% annual chance storm)
- Overflow into streets & low-lying areas can be expected during major storm events
- Negative impacts on downstream properties and neighborhoods



**The definition of what a 10-year storm event looks like has changed over the years due to climate change.*

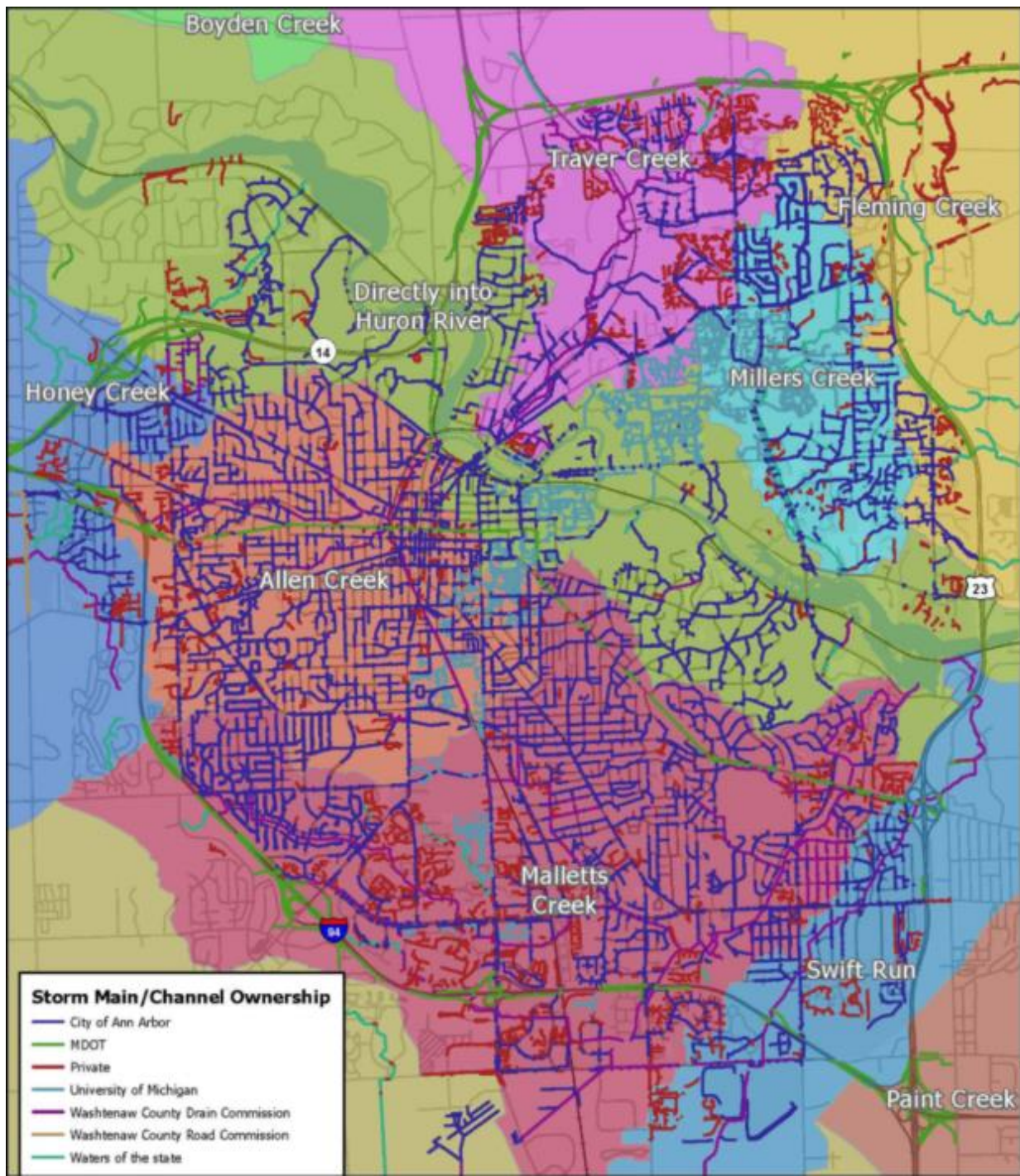




Stormwater Assets

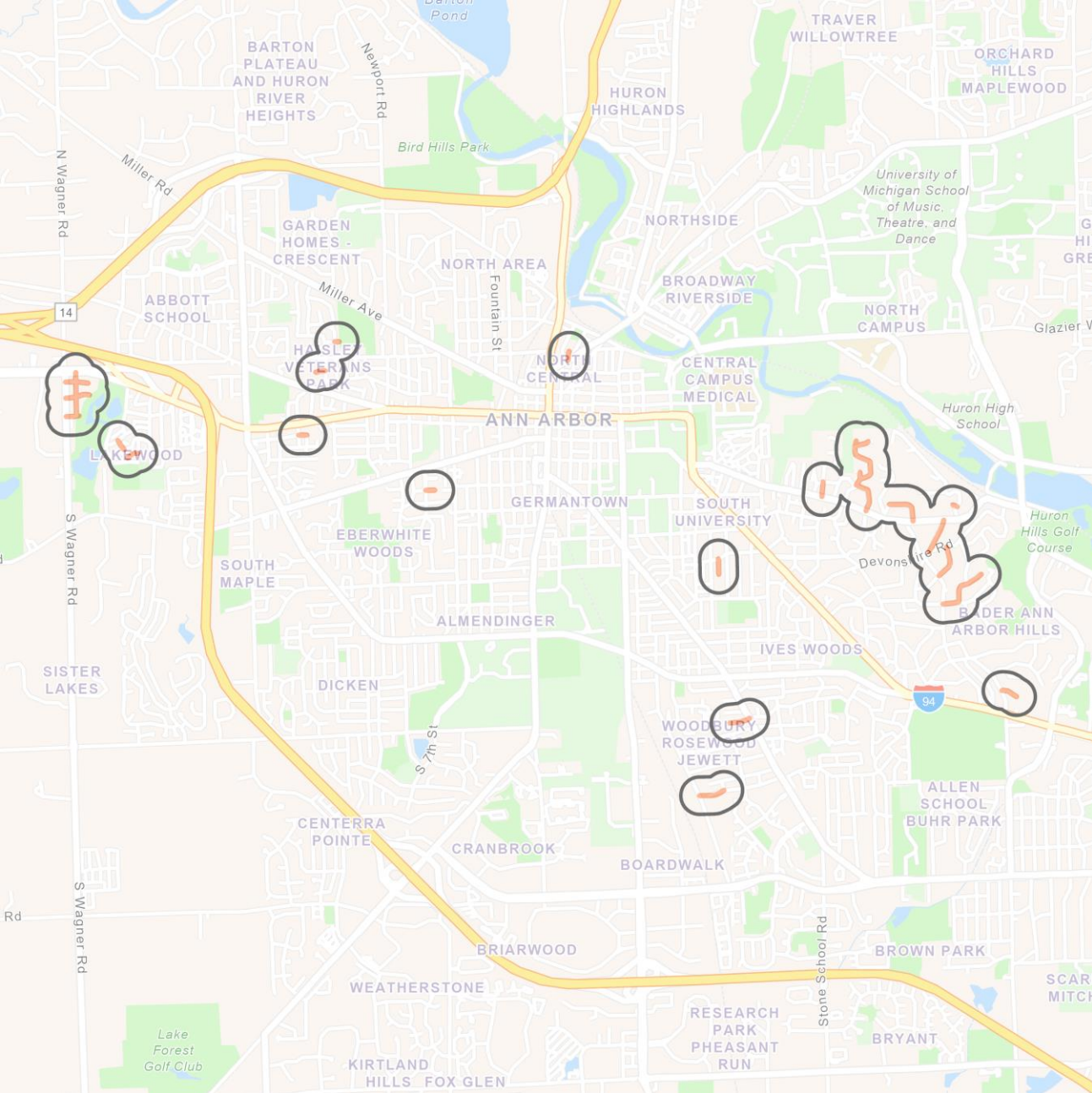
The City's Stormwater assets are part of a larger stormwater infrastructure network.





Creeksheds (drainage areas)





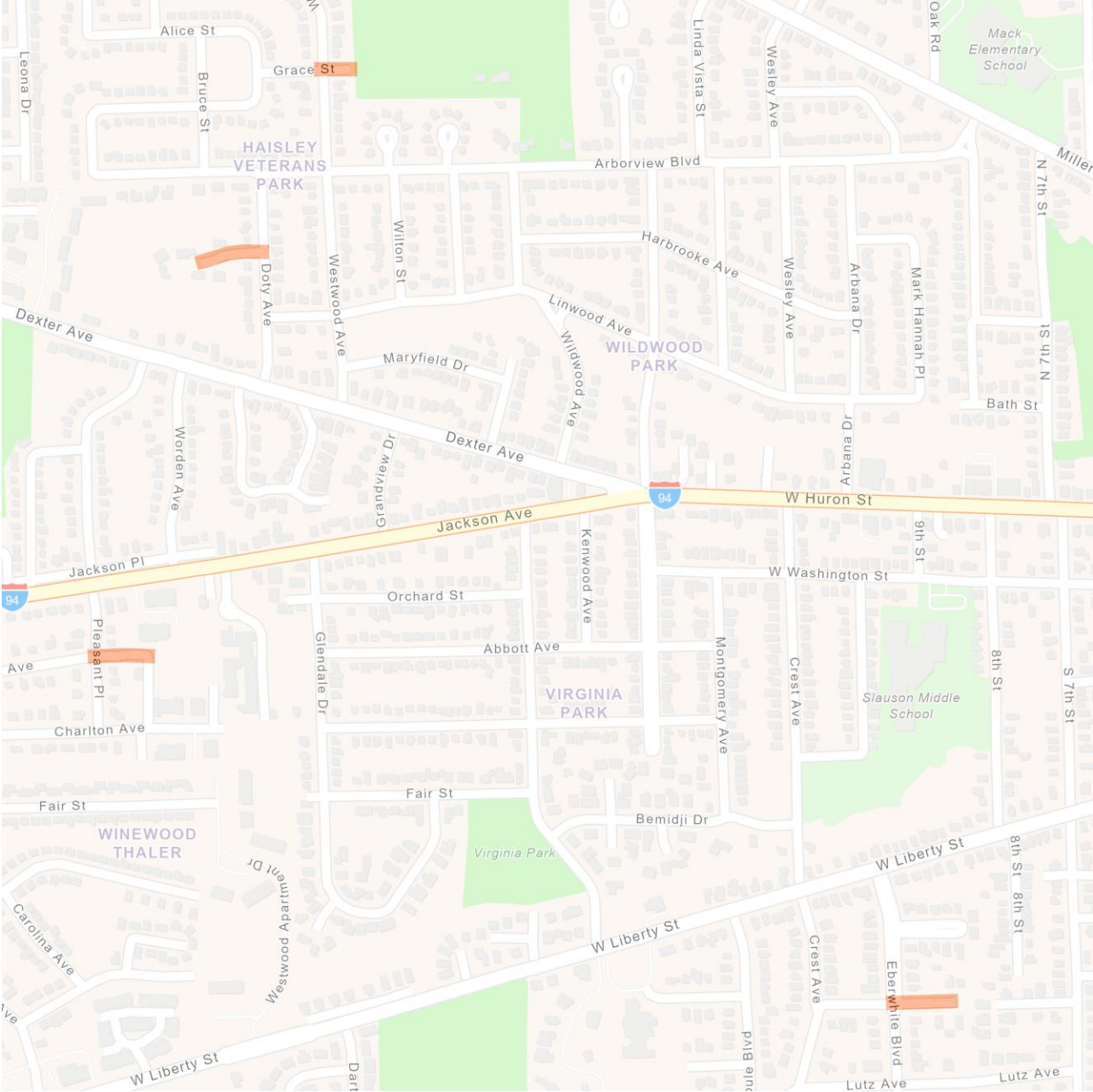
Unpaved Roads

- 12.8 miles of unpaved roads maintained by the City.
- Additional miles of unpaved roads maintained by the County or privately.
- 4-year project (4 phases)
- Year 3 consists of 2.93 miles of unpaved roads.



Close up of study areas

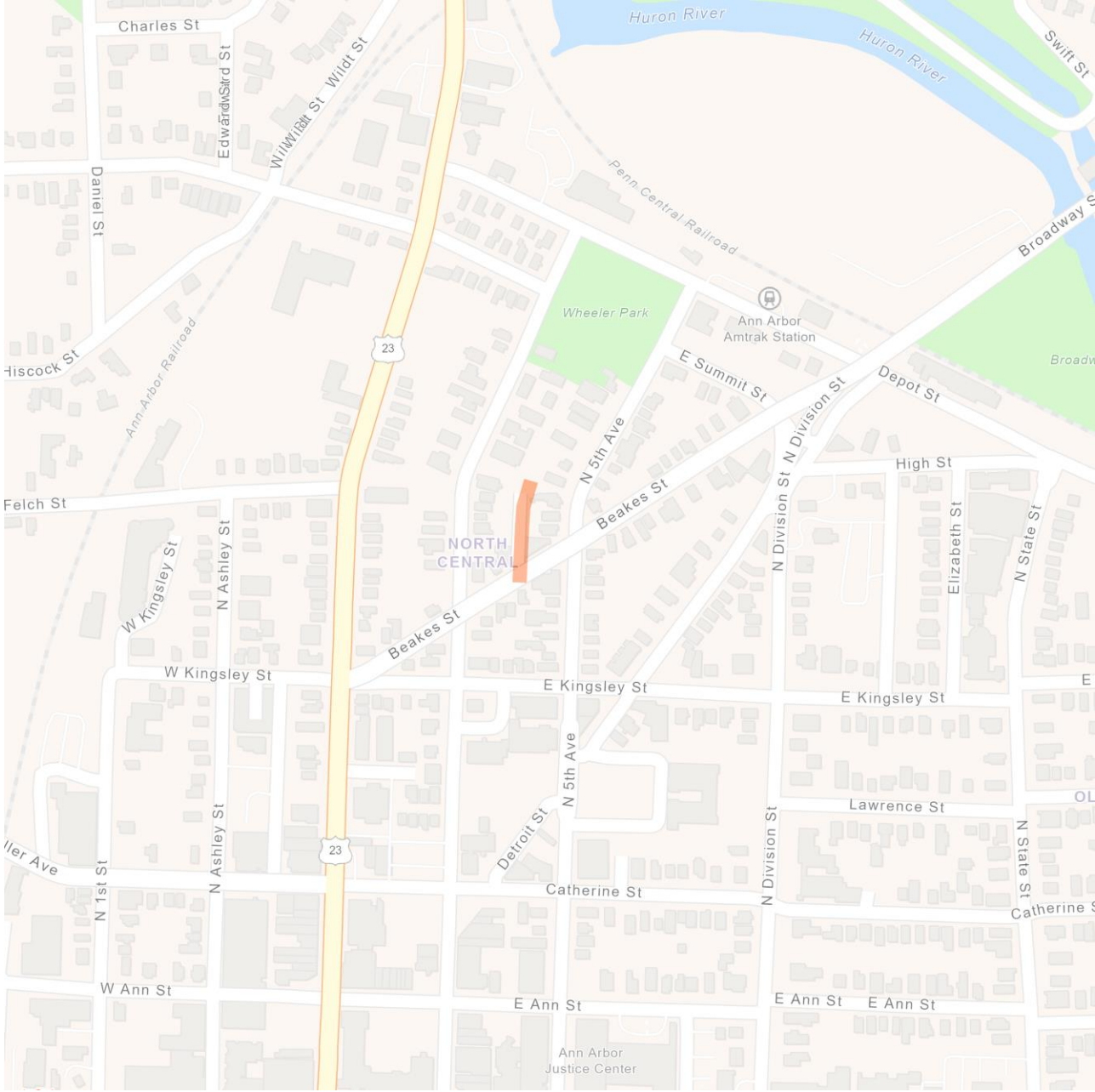


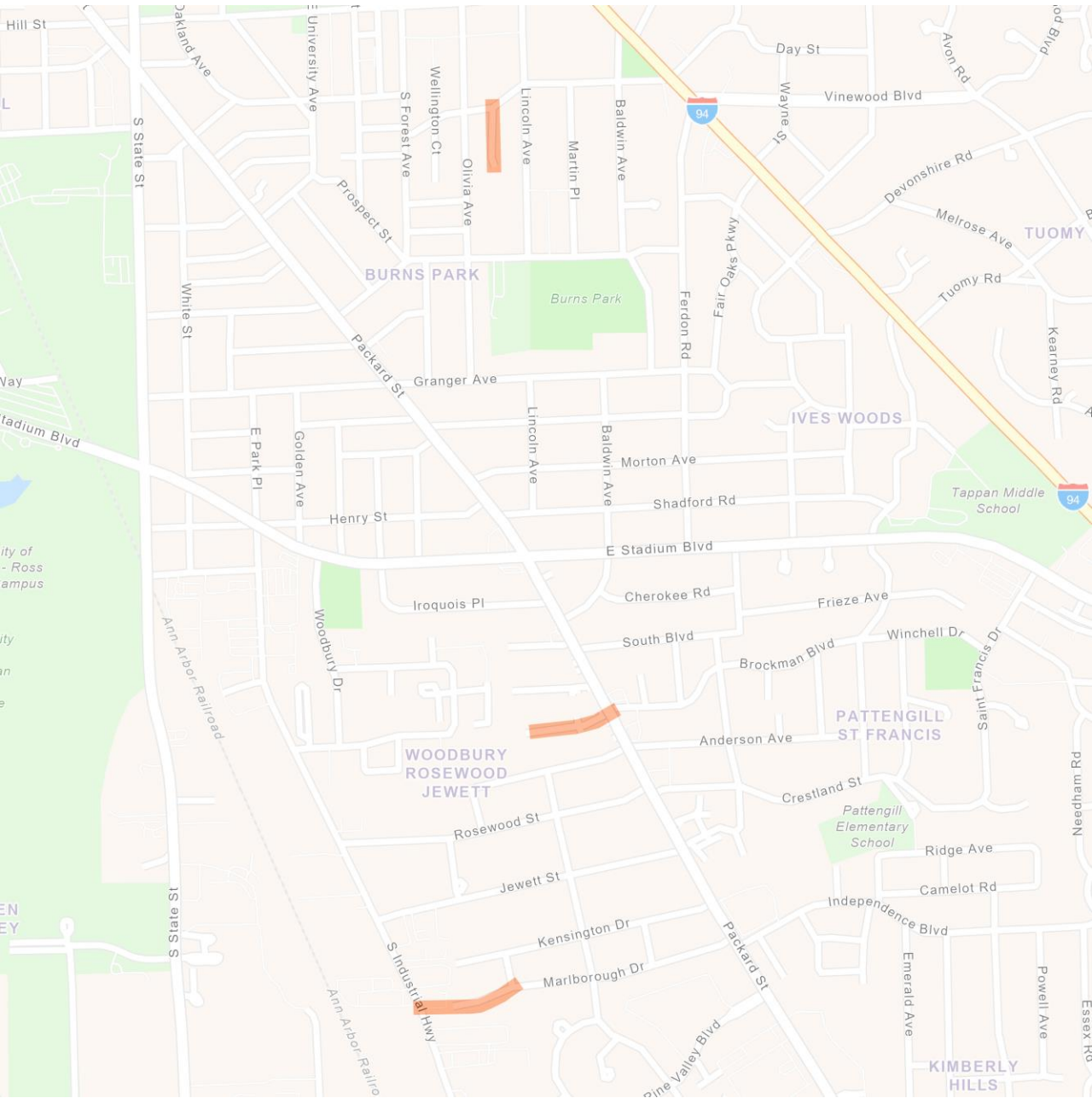


Close up of study areas



Close up of study areas





Close up of study areas



Close up of study areas





What will happen next?

- Sign up for project updates from the website:
 - <https://engage.a2gov.org/gravel-roads-drainage-management-study>
- Walkabouts with consultant team (Spring 2026)
- Online drainage data collection from the public (starting December 2025)



What can you expect from us?

- Identify areas of known concern
- Identify areas for recommendations
- Some recommendations may include paving of gravel roads.
 - **This cannot be done without a petition from the residents
- Land survey is already complete



What do you want to know from us?

- Stormwater Management?
 - Drainage Studies?
 - Green Infrastructure?
 - Road paving?
-
- Please submit your questions via the Q & A button in Zoom.



Check for updates and more information to come here:
url.a2gov.org/drainagestudies

