GRAVEL ROADS:
STORMWATER MANAGEMENT INFORMATION SESSION

Kimberley, Alexandra and Swift Run Areas

October 9, 2024

Introductions

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

- John Balint, Hubbell, Roth & Clark. Inc.

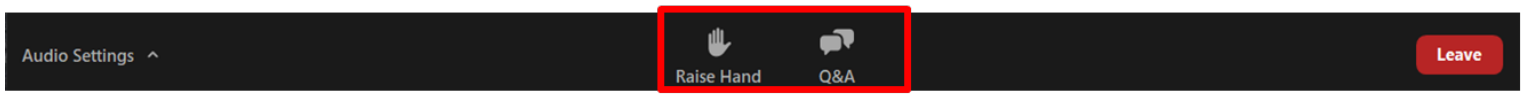
Technology

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 publicly visible with your Question
Click **Send**



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 written and/or verbal language will result in removal from the meeting.

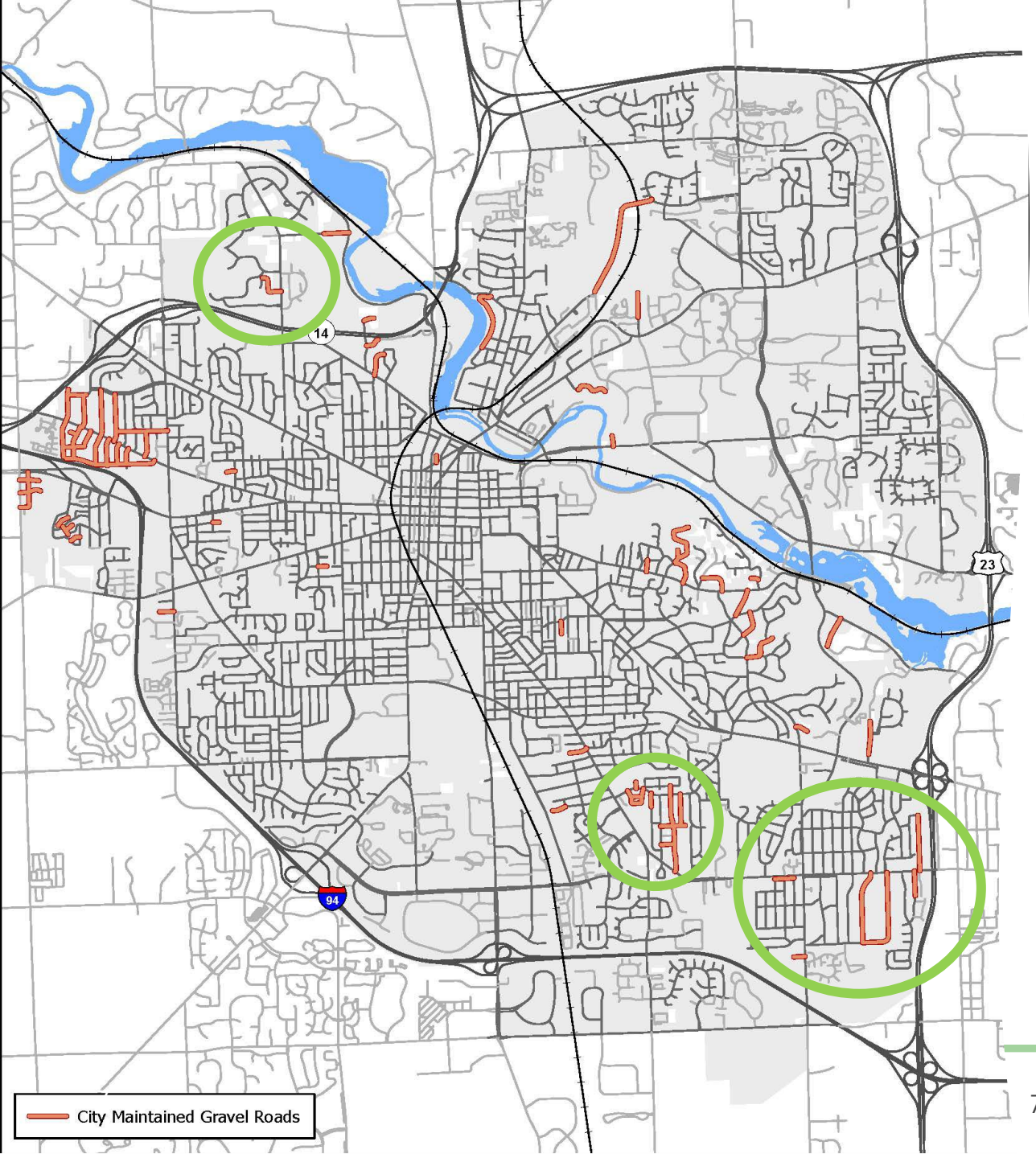
Agenda

1. Why We Are Here Today
2. Stormwater Management Overview
3. Kimberley, Alexandra and Swift Run Areas Overview
4. Comments from Attendees

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



Where are you from?

- Poll question

What is Stormwater Management?

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.

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

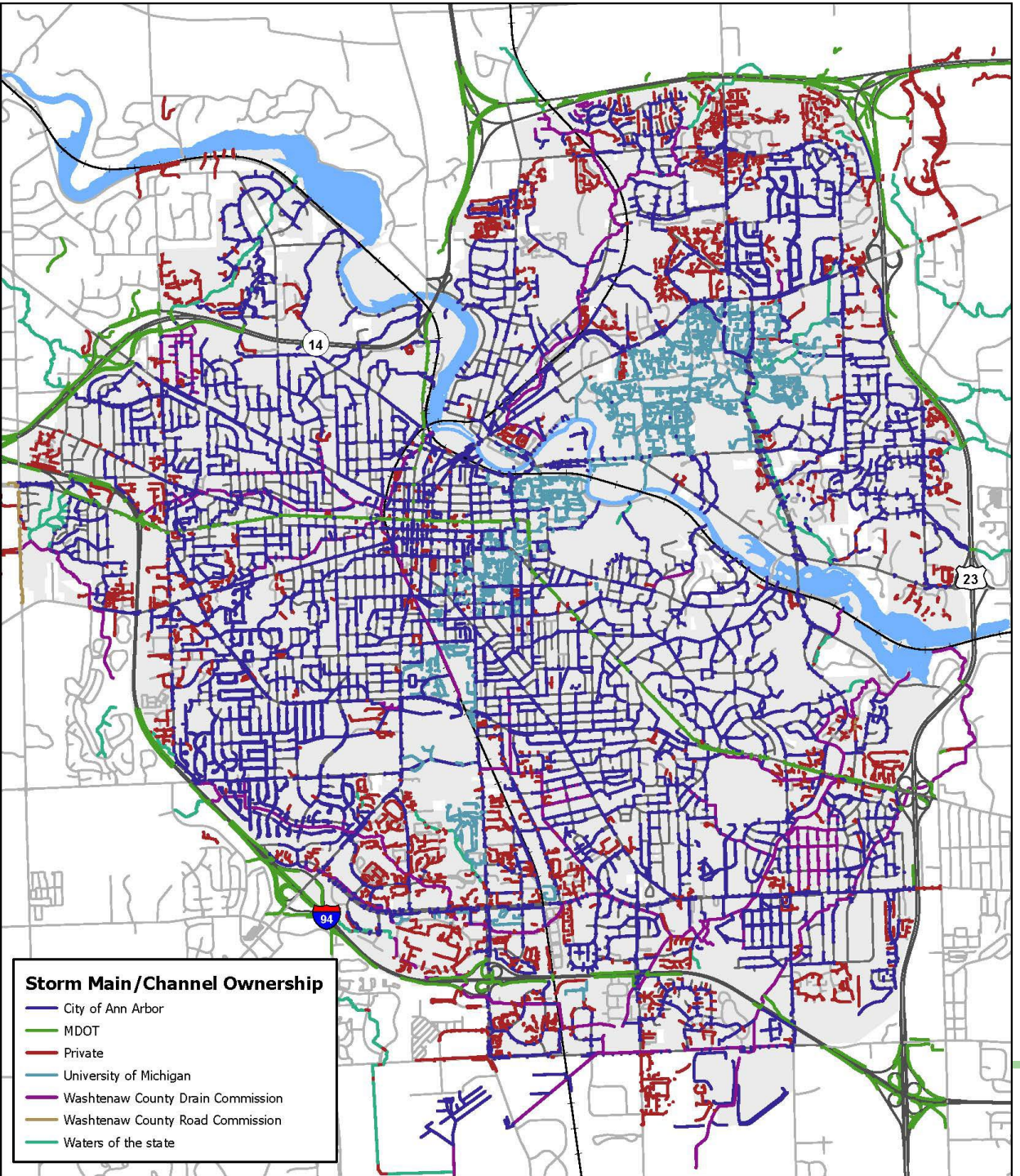
Public Right of Way

Design Criteria & Managing Expectations

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

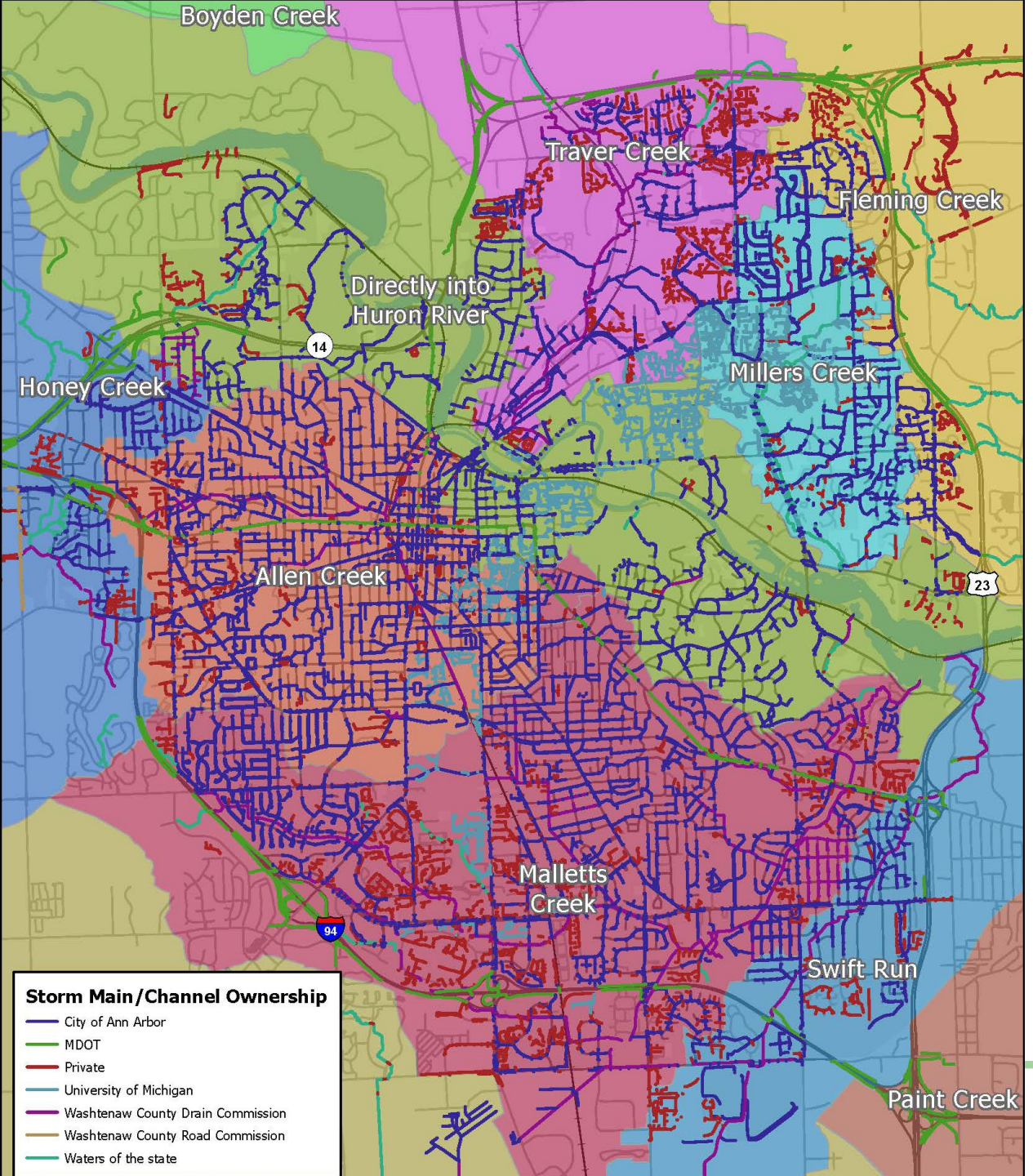
- Since the 1980's storm pipes constructed to pass the 10-year storm event* (10% annual chance storm)
- Older storm pipes were designed to pass the 5-year storm event (20% annual chance storm)
- Overflow into streets & low-lying areas can be expected during major storm events
- Negative impacts on downstream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

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

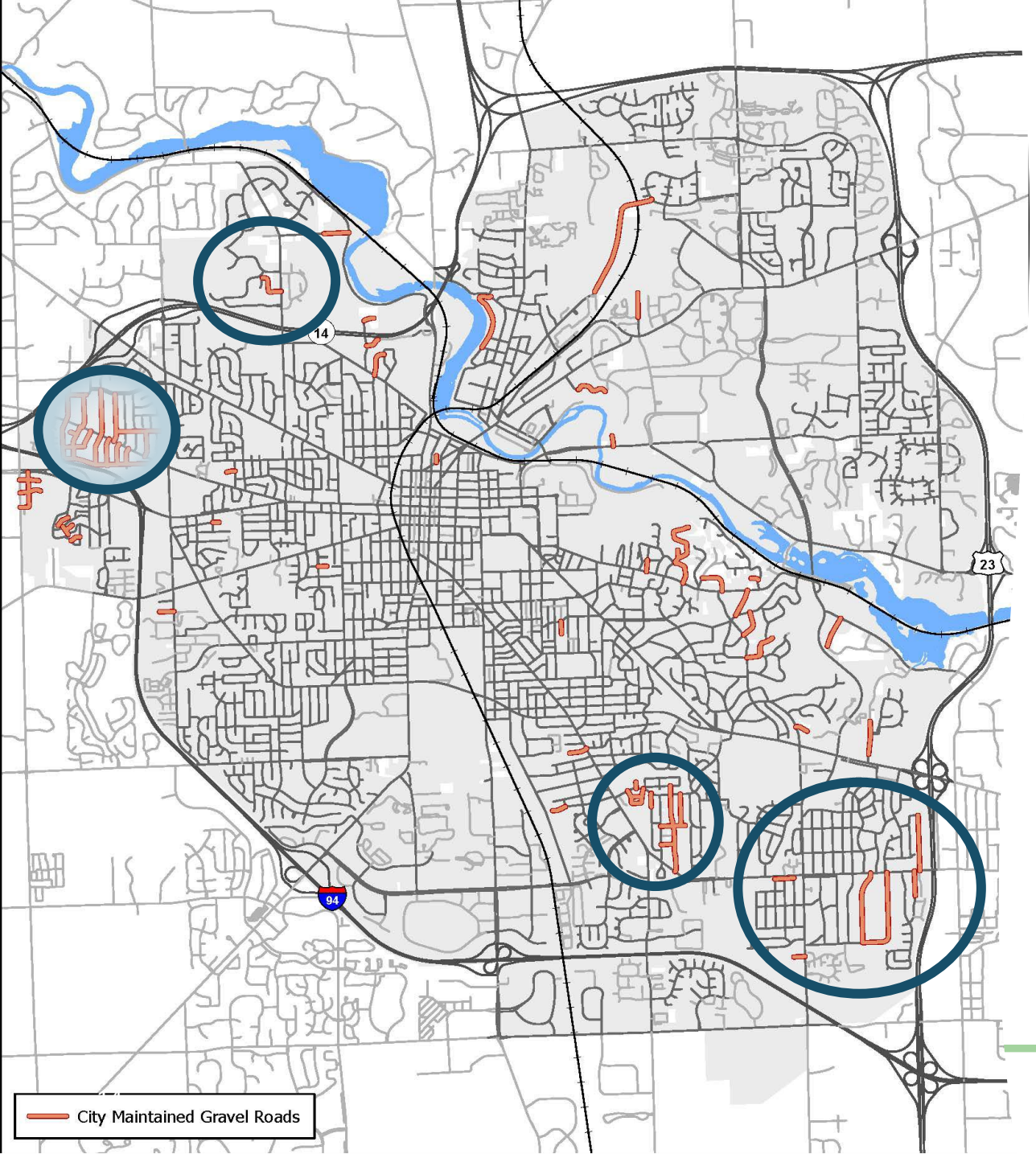


Stormwater Assets

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



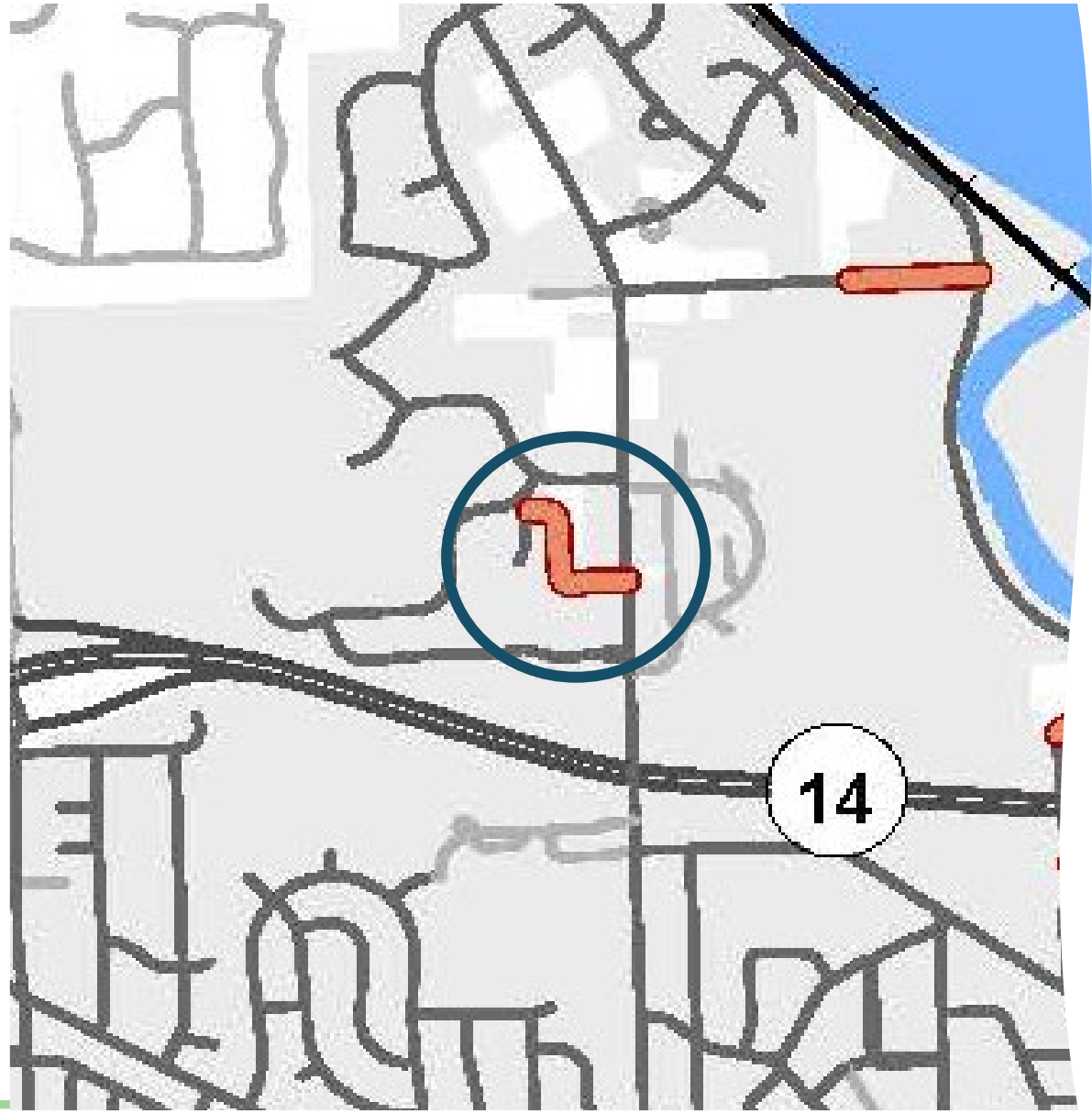
Creeksheds (drainage areas)



Unpaved Roads

- 12.5 miles of unpaved roads maintained by the city
- Additional miles of unpaved roads maintained by the County or privately
- 4-year project (4 phases)

Close up of study areas



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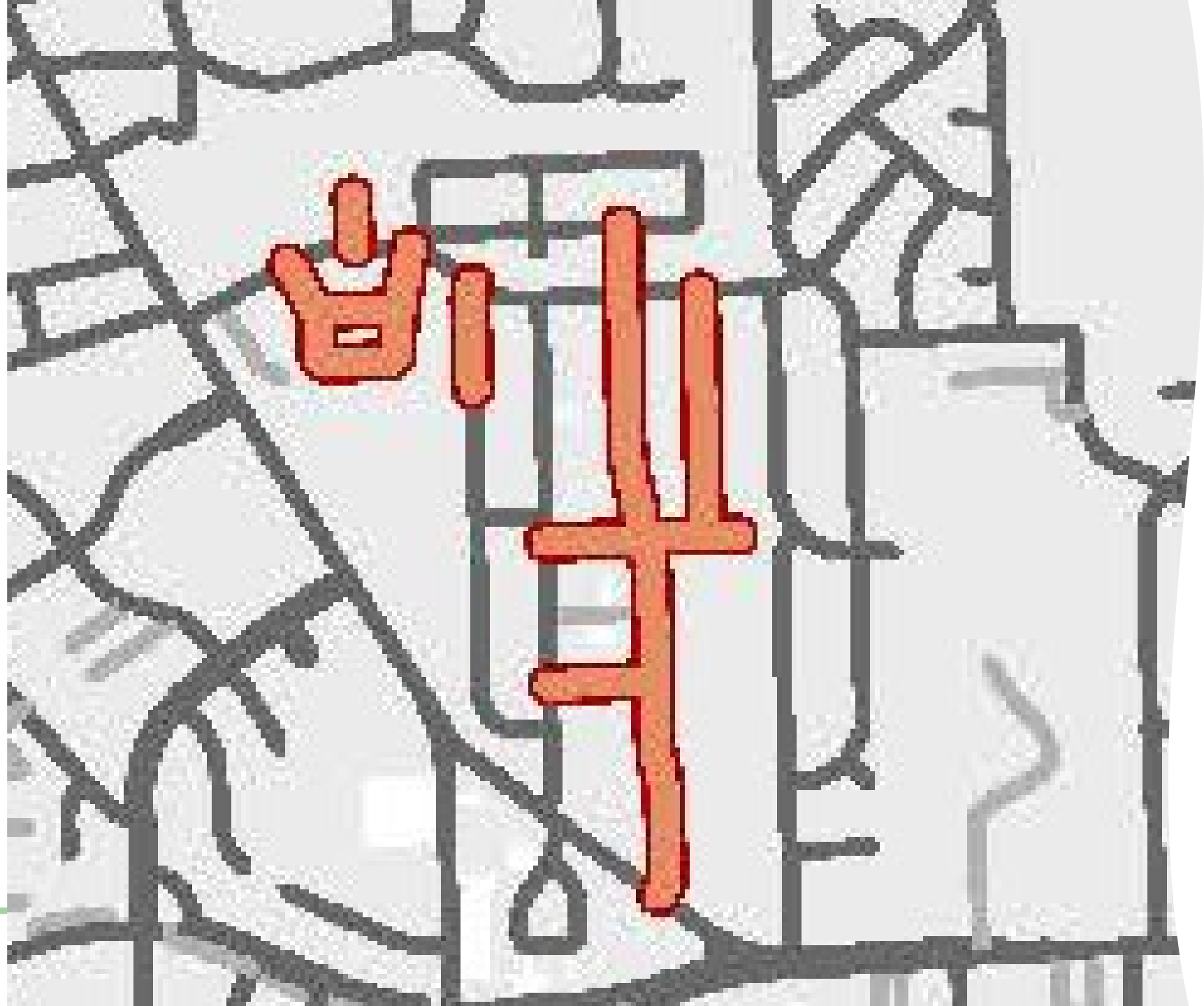

What will happen next

- Sign up for project updates from the website (url.a2gov.org/gravelroads)
- Walkabouts with consultant team (spring 2025)
- Online drainage data collection from the public (Fall/winter)

What Can You Expect From Us

- Identify areas of known concern
- Identify areas for recommendations
- Some recommendations may include paving of the gravel roads

- 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