

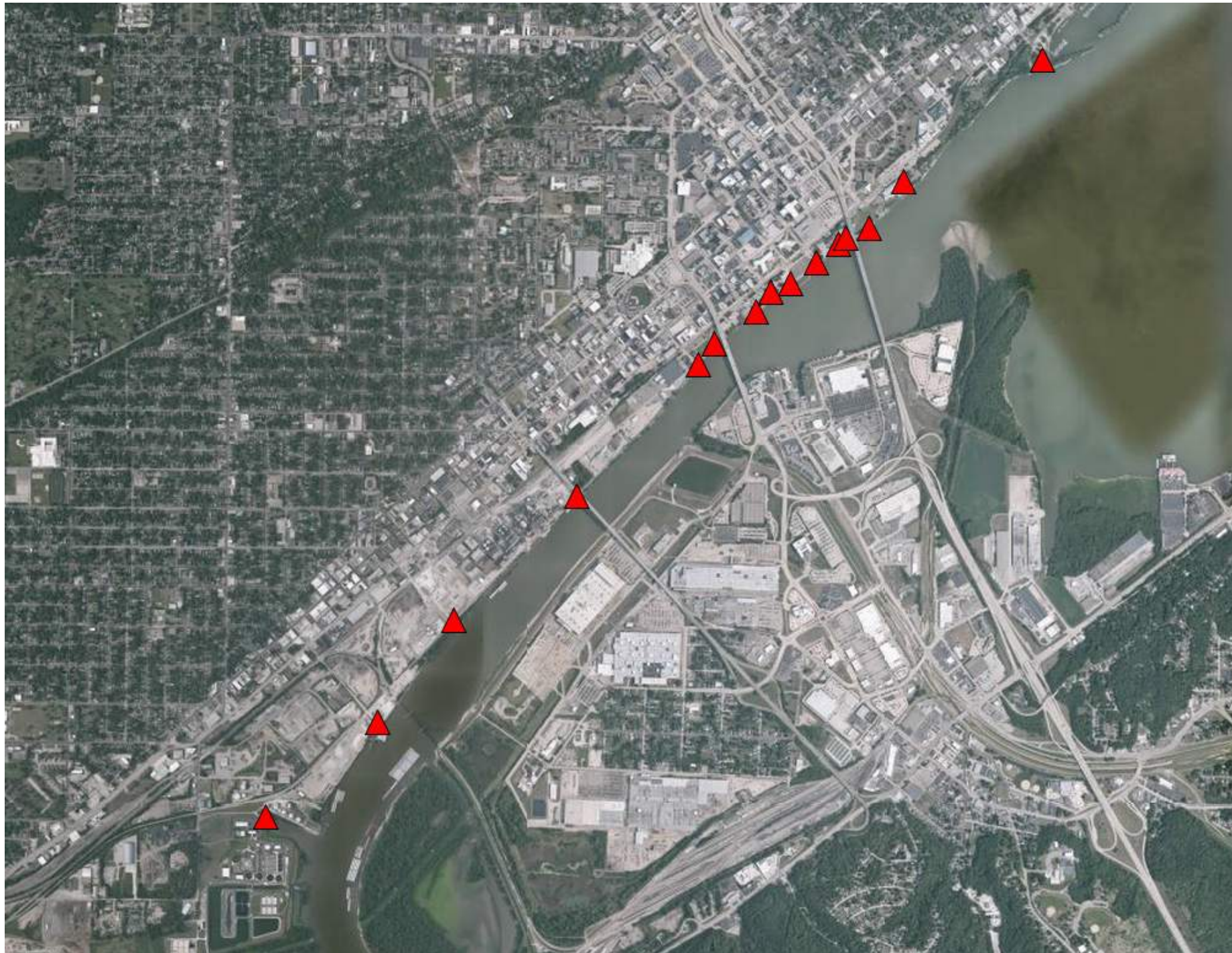
Year 1 Combined Sewer Overflow Control Project

Information Meeting

July 29, 2021



CITY OF
PEORIA



Definitions



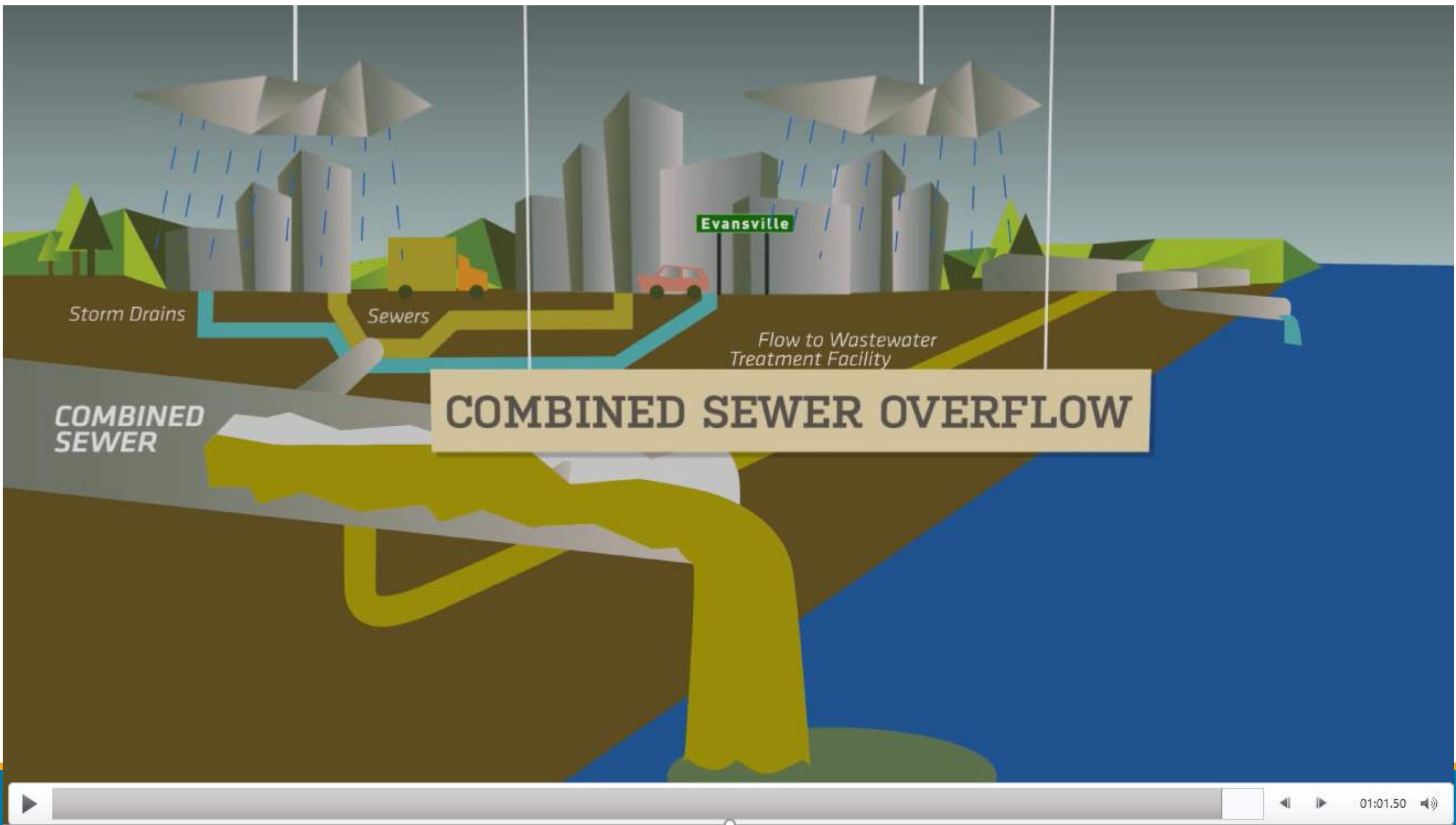
Combined Sewer



Combined Sewer
Overflow (CSO)



Green
Infrastructure (GI)





Consent Decree to Reduce CSO Discharges

- In December 2020, the City entered into a Consent Decree with U.S. EPA **to reduce CSO discharges** to the Illinois River
- **18-year implementation period**
 - Starting January 2022
 - Ending December 2039



Projects to Achieve CSO Goals



City has **flexibility to implement a variety of projects**



Green infrastructure is cost effective in specific areas and will be utilized as the **preferred method of CSO control**



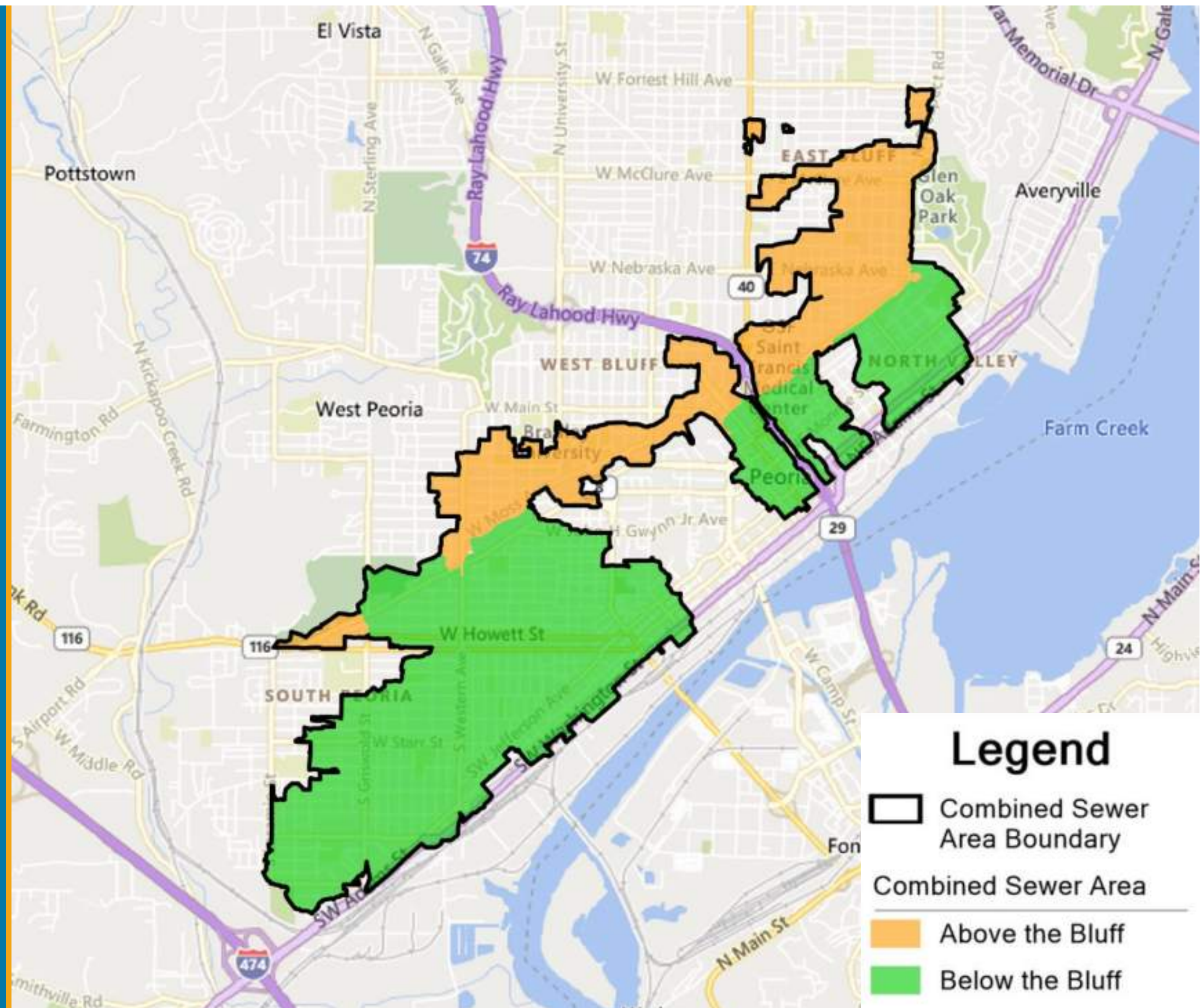
When GI is not the most cost-effective solution below ground storage will be utilized



Flow monitoring will be used to ensure projects are sized and located appropriately

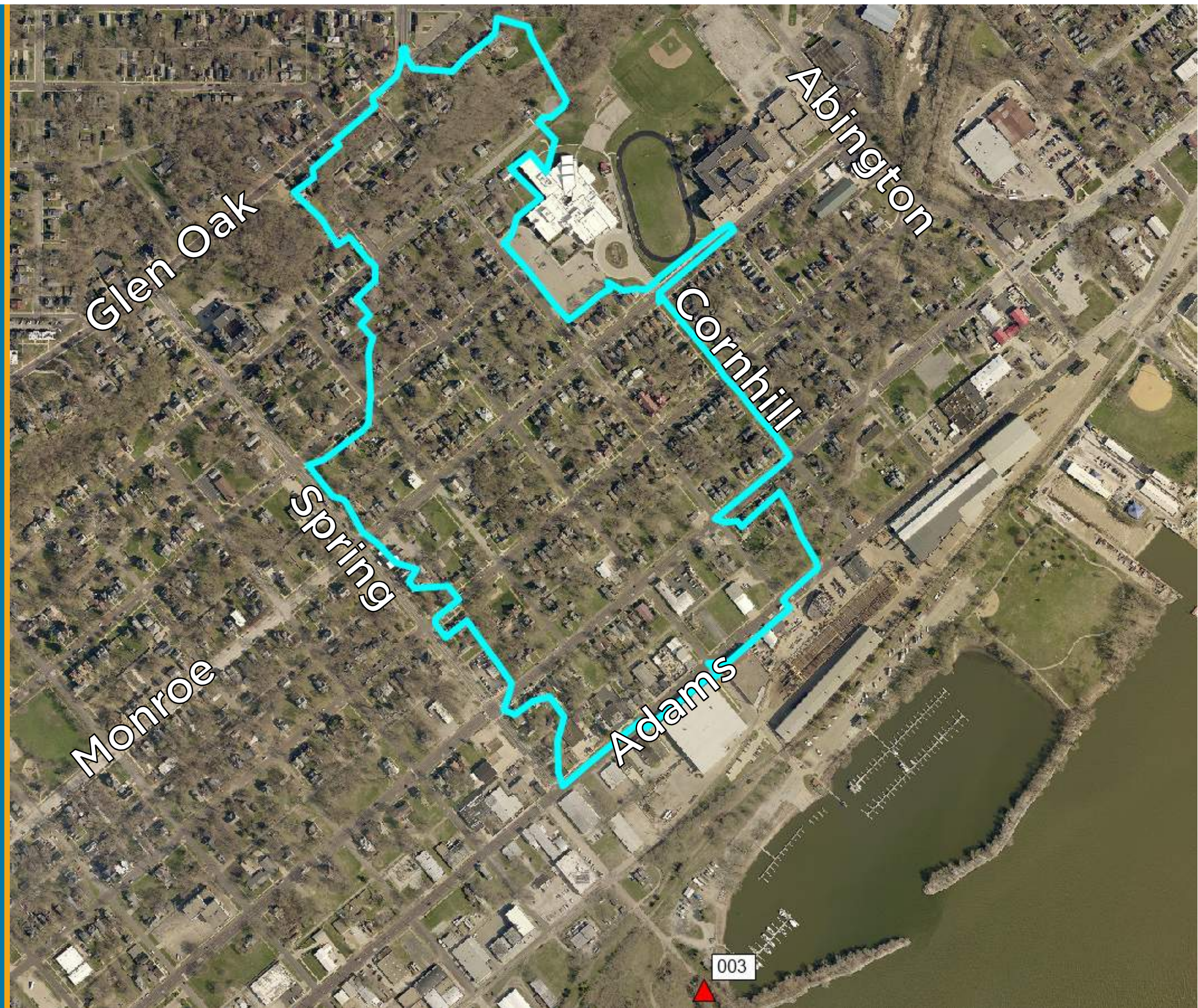
Location of Projects

- In the combined sewer area (black outline),
- Below the bluff (green shading), and
- In the existing right-of-way



Year 1 Project Area

- Green infrastructure to reduce stormwater flow to the sewer
- Will reduce CSO discharges to the Illinois River





How Project Locations Were Determined



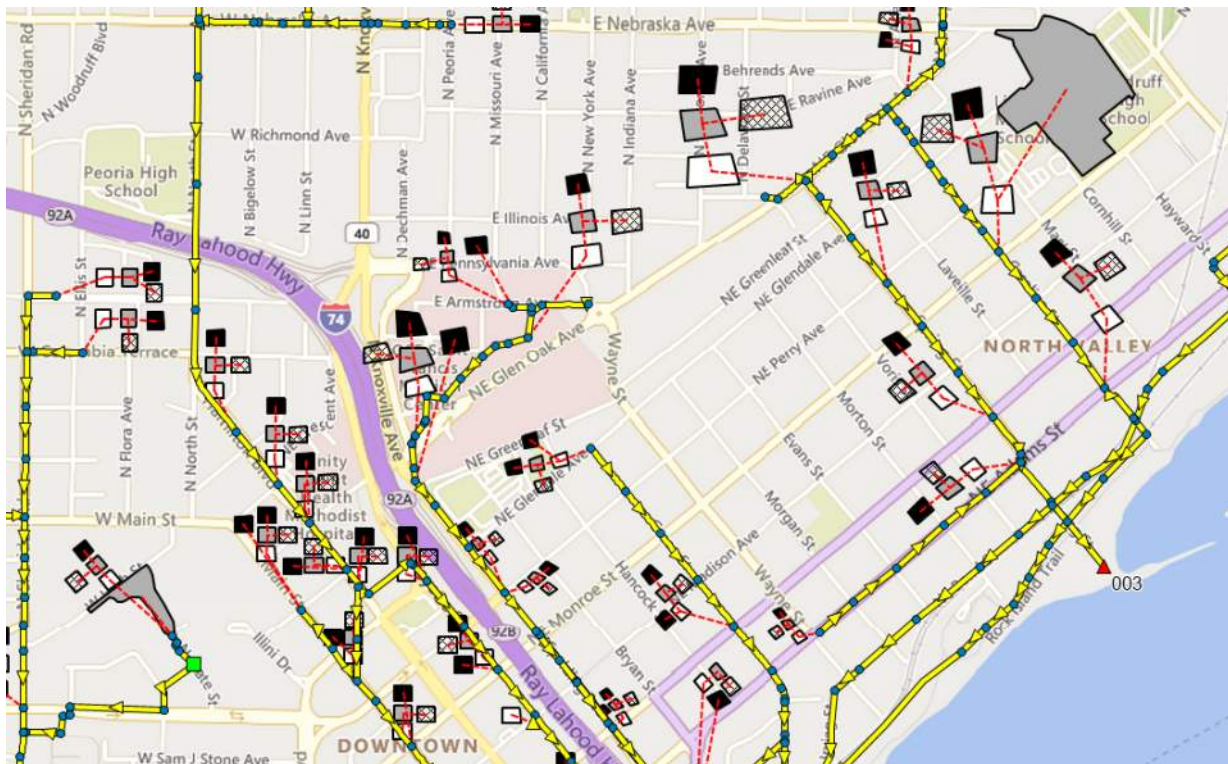
Inlet locations – define where GI needs to go



Infiltration tests – used to determine the most suitable locations for GI



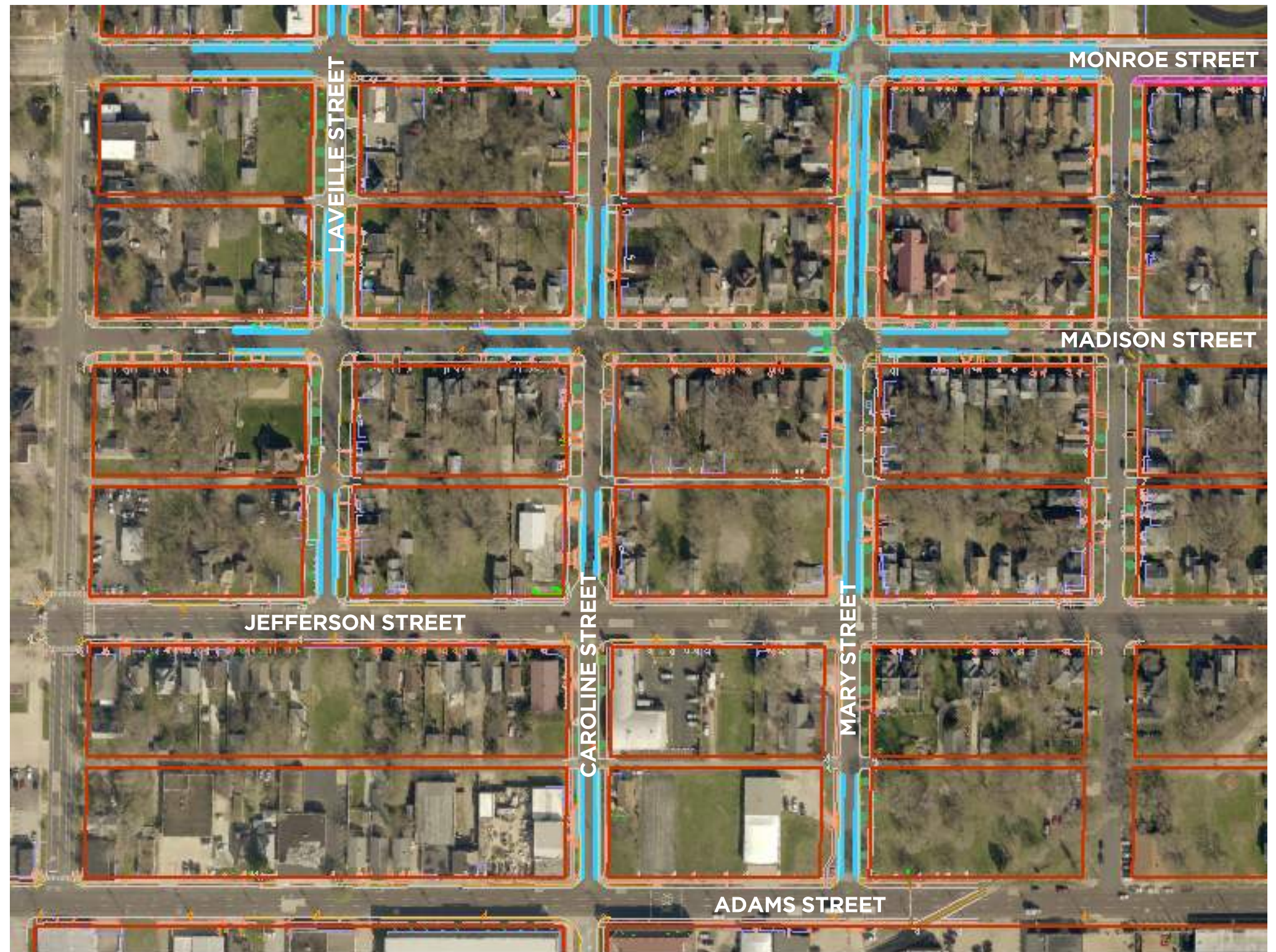
City's sewer model – used to determine the size of GI needed at each location



Year 1 Project Layout



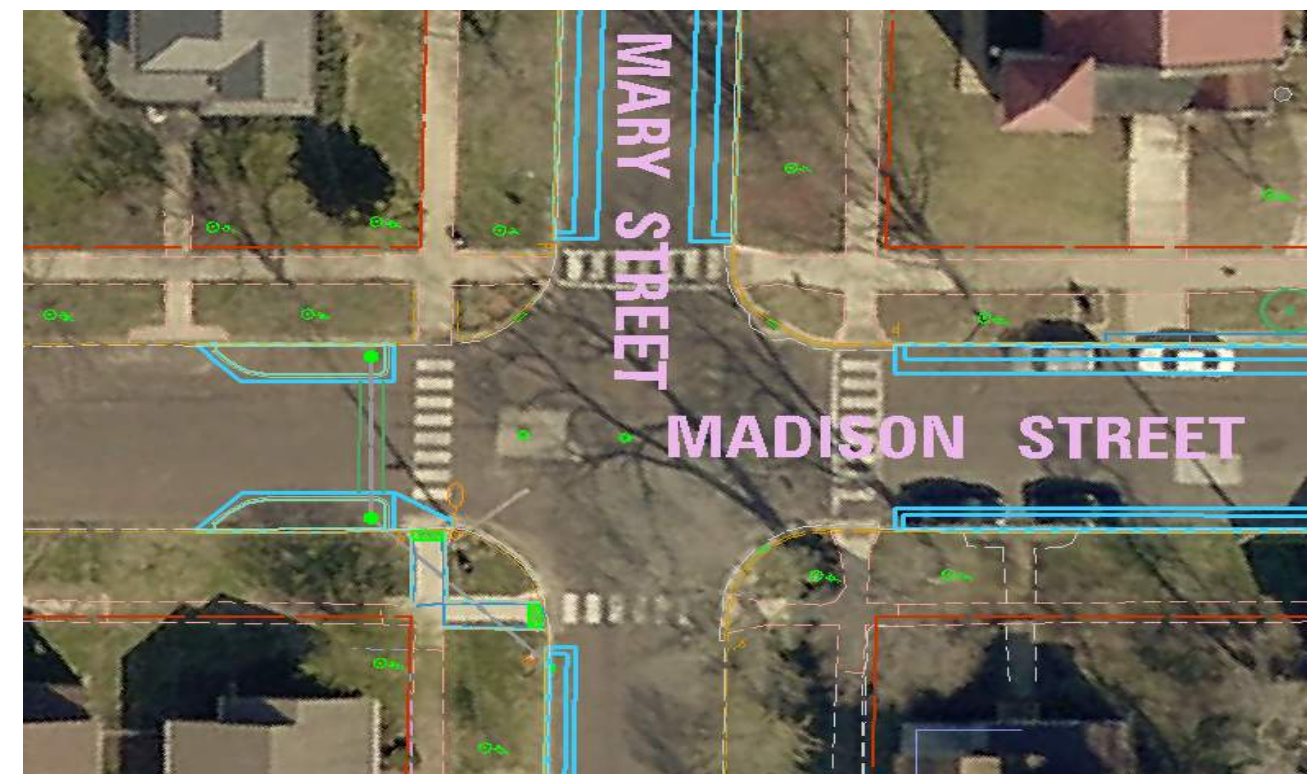
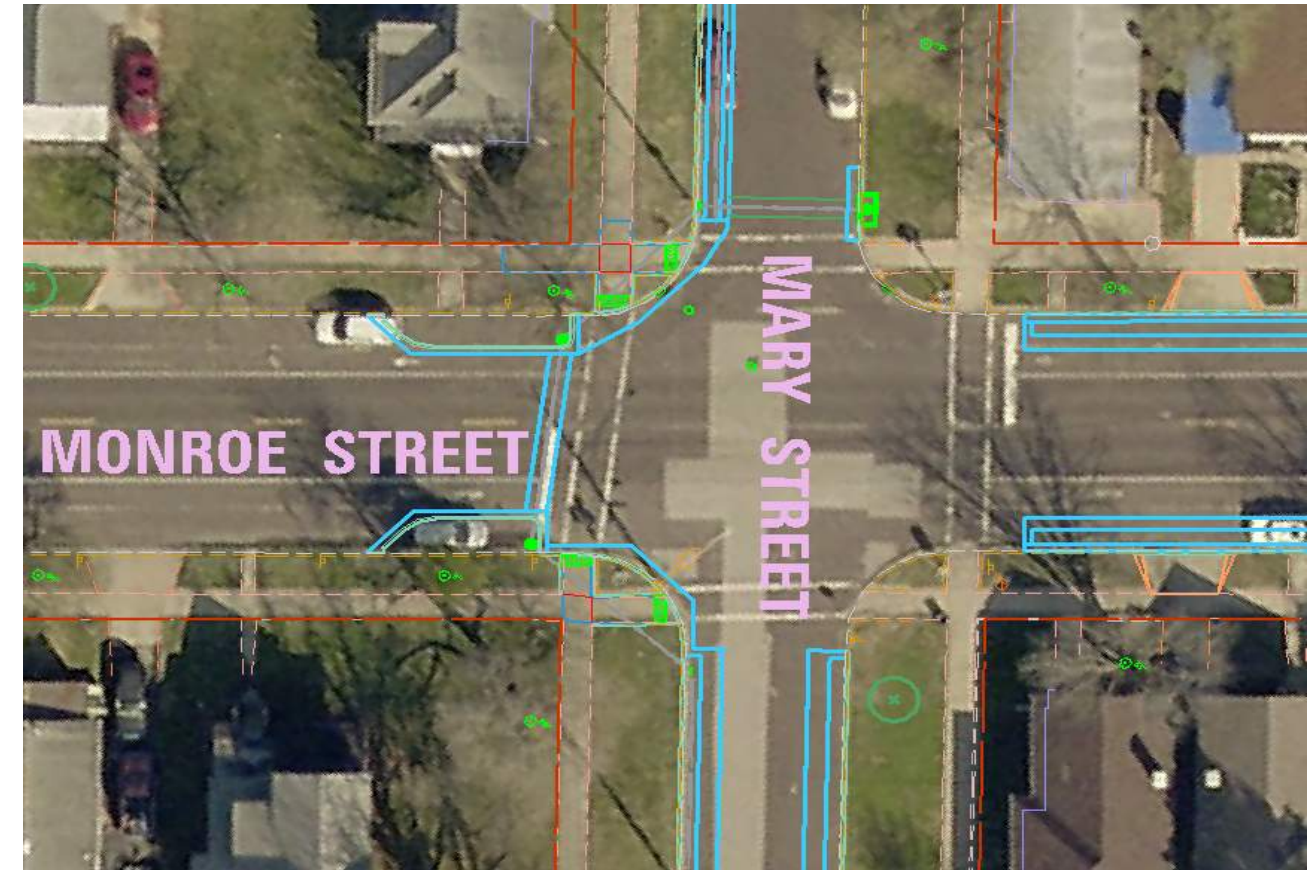
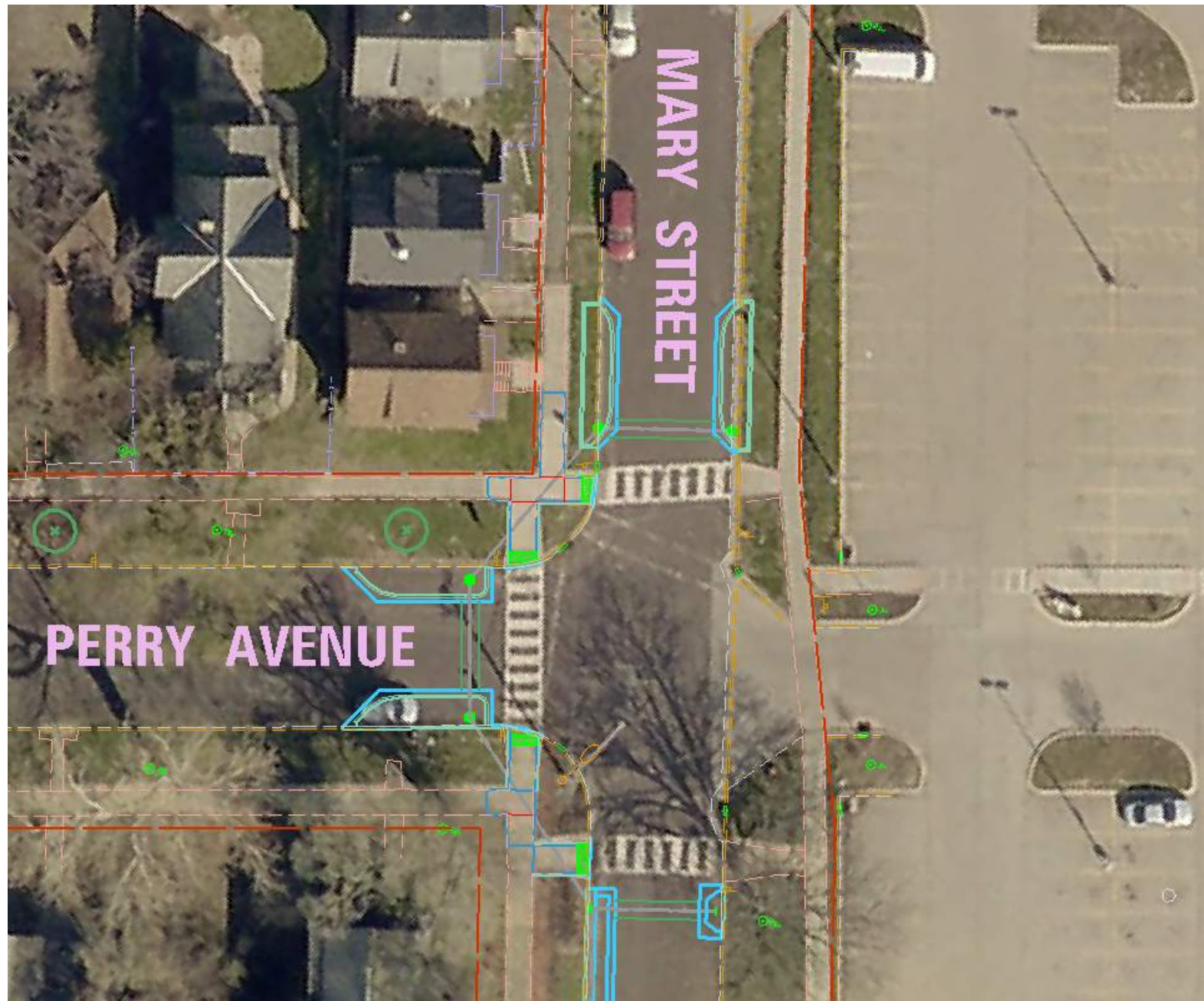
Year 1 Project Layout



Year 1 Types of Projects - Pavers



Year 1 Project Layout



Year 1 Types of Projects - Planters





Year 1 Types of Projects - Planters



Next Steps

- **Fall 2021**
Submitting design documents to the Illinois EPA
- **Spring 2022**
Construction begins





Questions





Contact Us

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