

Year 4 Combined Sewer Overflow Control Project

Information Meeting

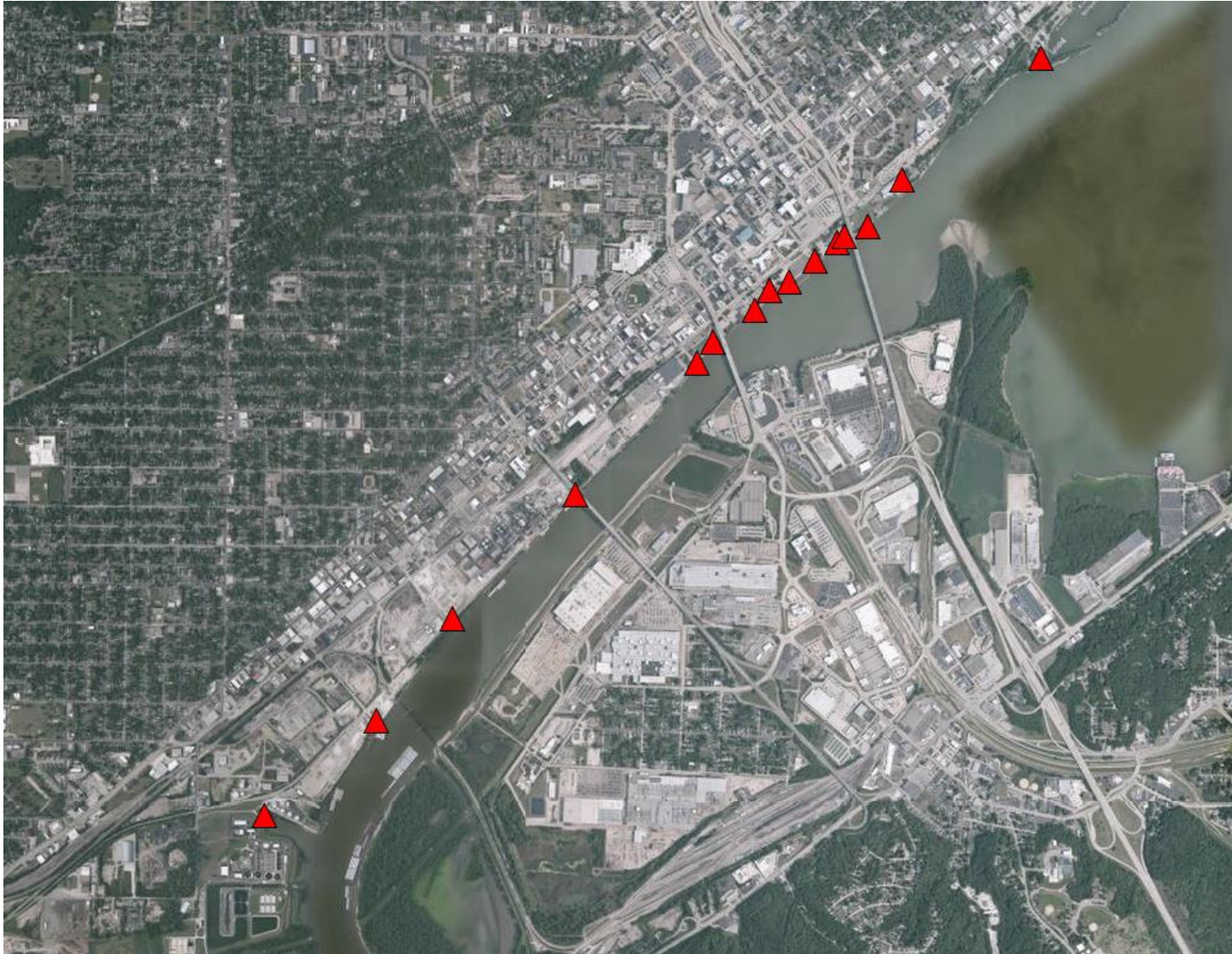
August 28, 2024



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 some areas

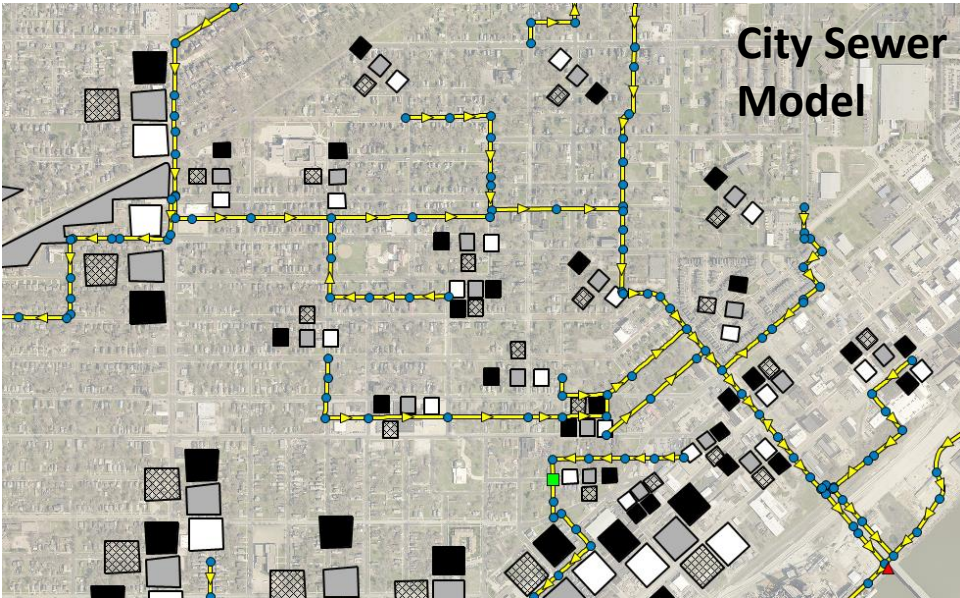


Where GI is not cost-effective, storage will be utilized



Flow monitoring is used to ensure projects are sized and located appropriately





How Project Locations Were Determined



Inlet locations – low point where water goes, GI needs to capture flow before it gets to inlet



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

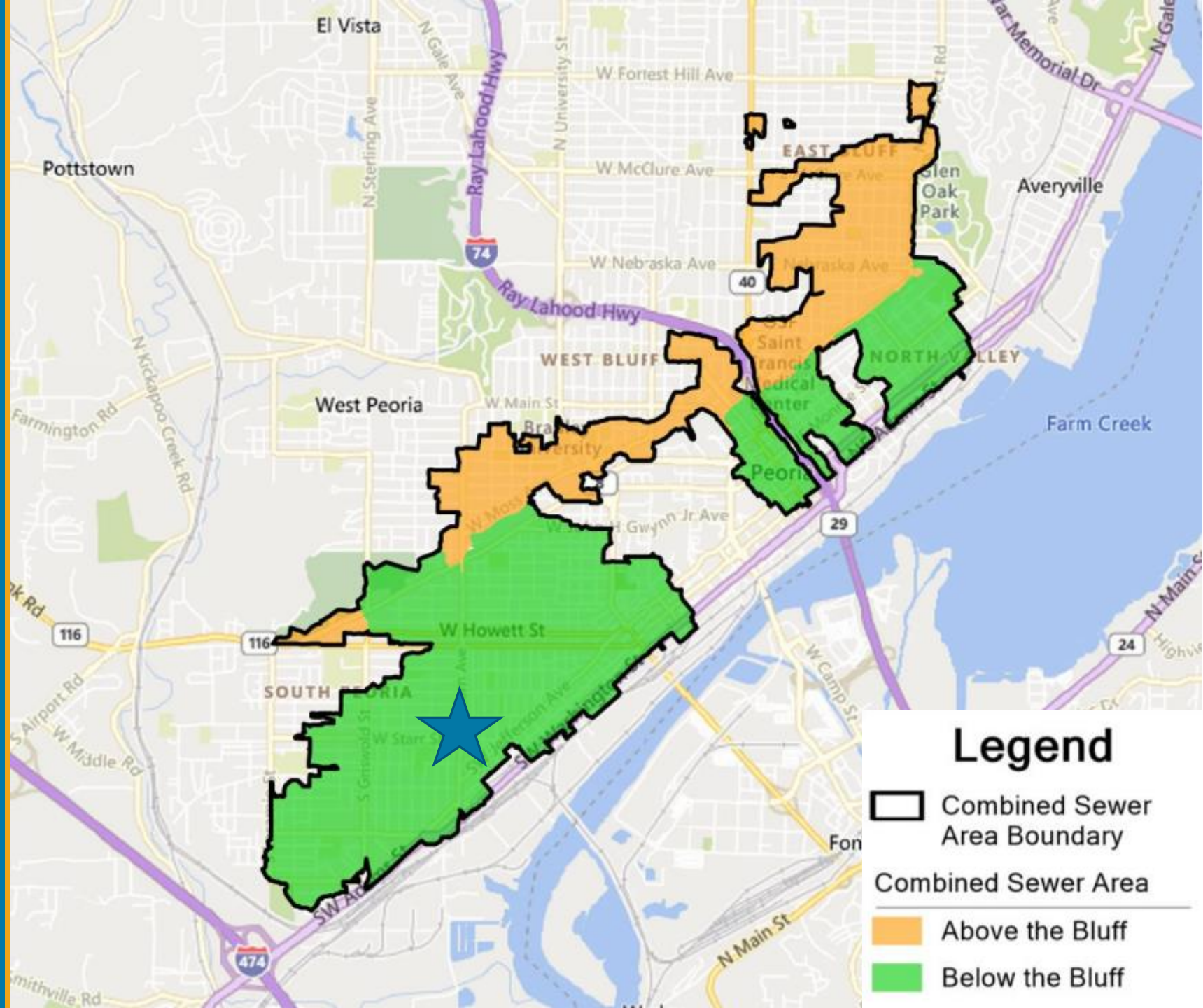


City's sewer model – used to determine the size of GI needed at each location



Location of Projects

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



Year 4 Project Area

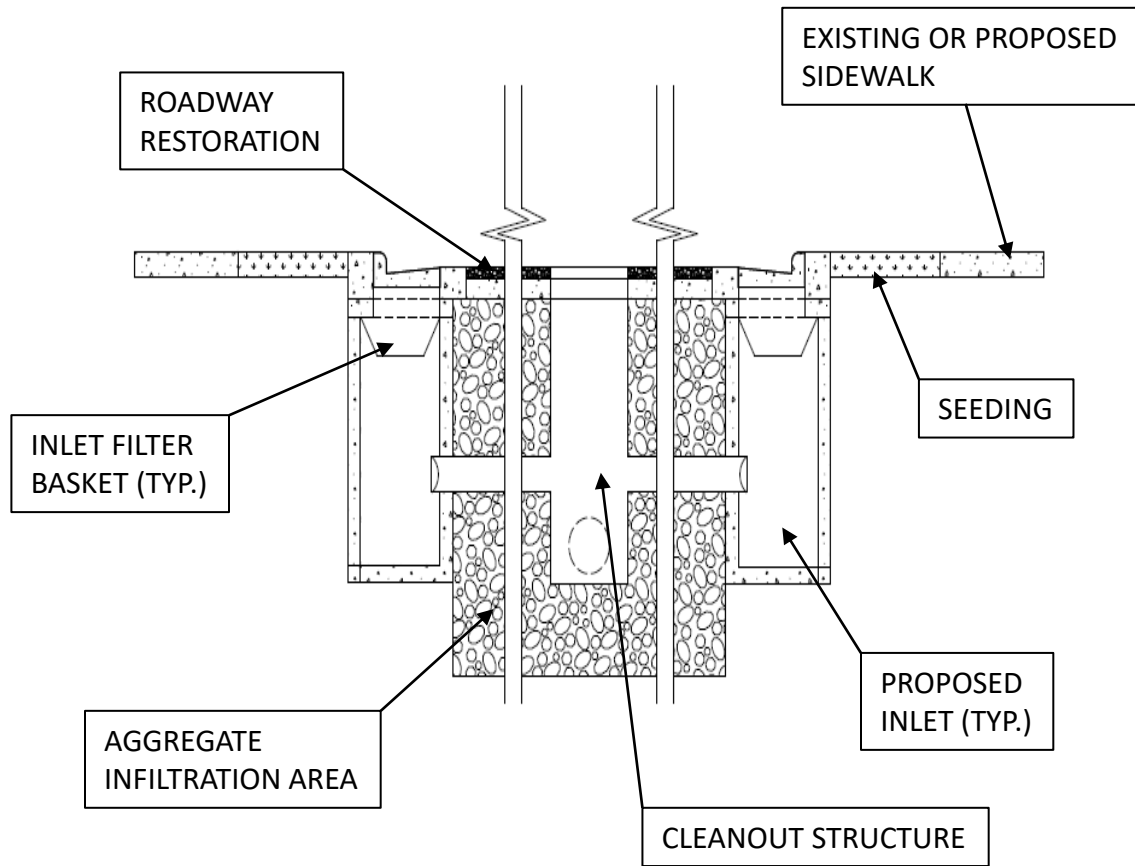
- Green infrastructure to reduce stormwater flow to the sewer
- Will reduce CSO discharges to the Illinois River



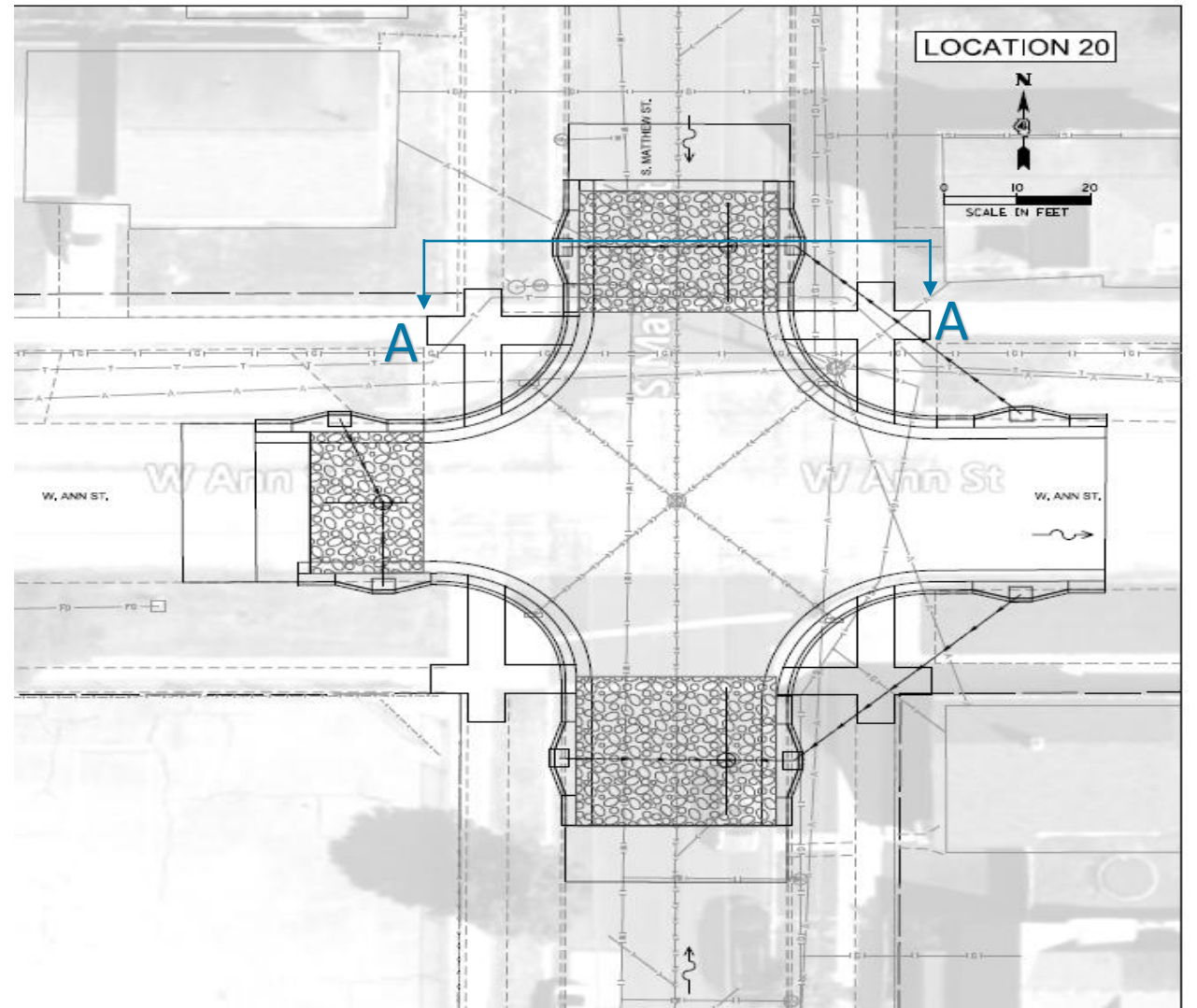
Year 4 Preliminary Project Layout



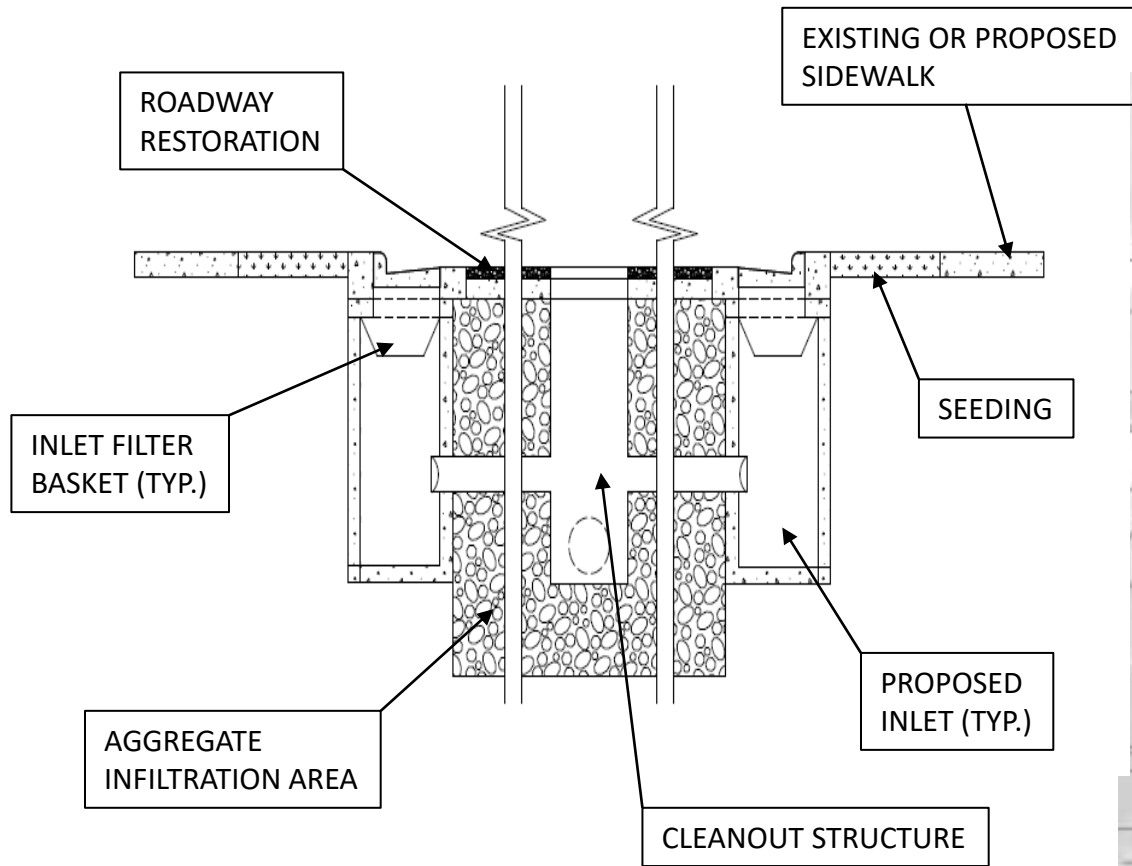
Year 4 Types of Projects – Intersection Improvement



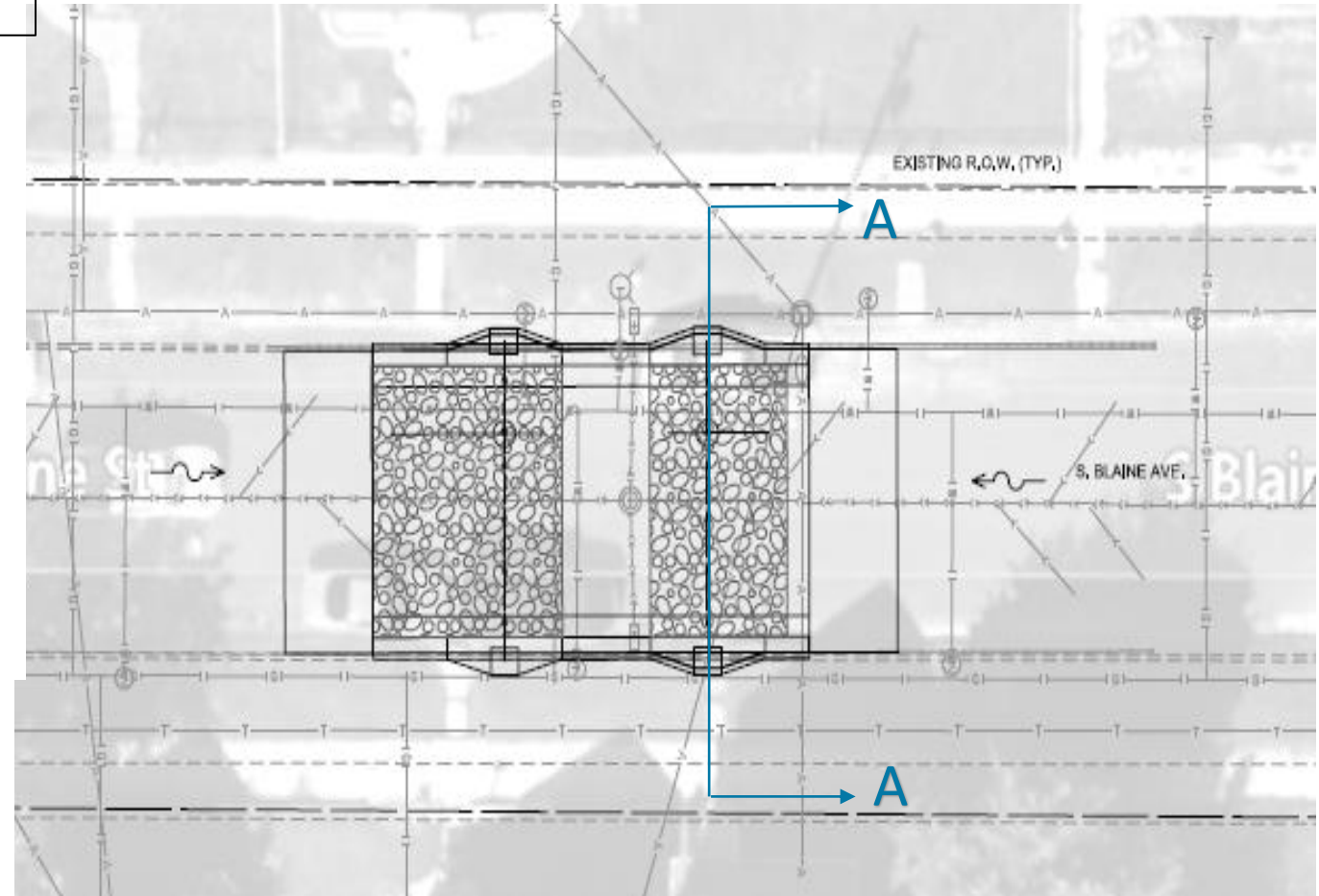
SECTION A-A



Year 4 Types of Projects – Mid Block Improvement



SECTION A-A





Next Steps

- **Fall 2024** Submitting design documents to the Illinois EPA
- **Spring 2025** Construction begins



Questions

Learn More

PeoriaCSO.com

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