

Peoria's Combined Sewer System



Combined Sewer

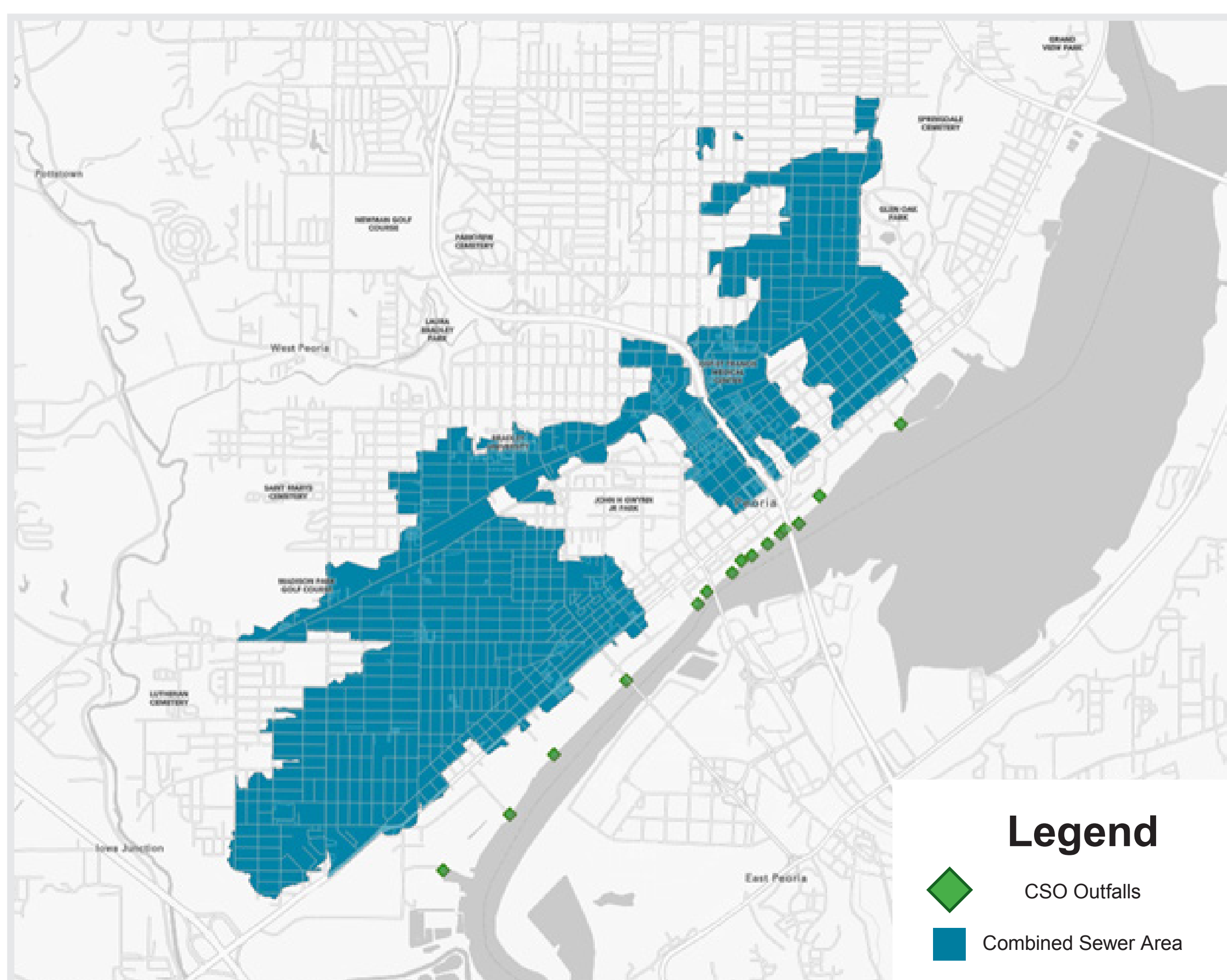
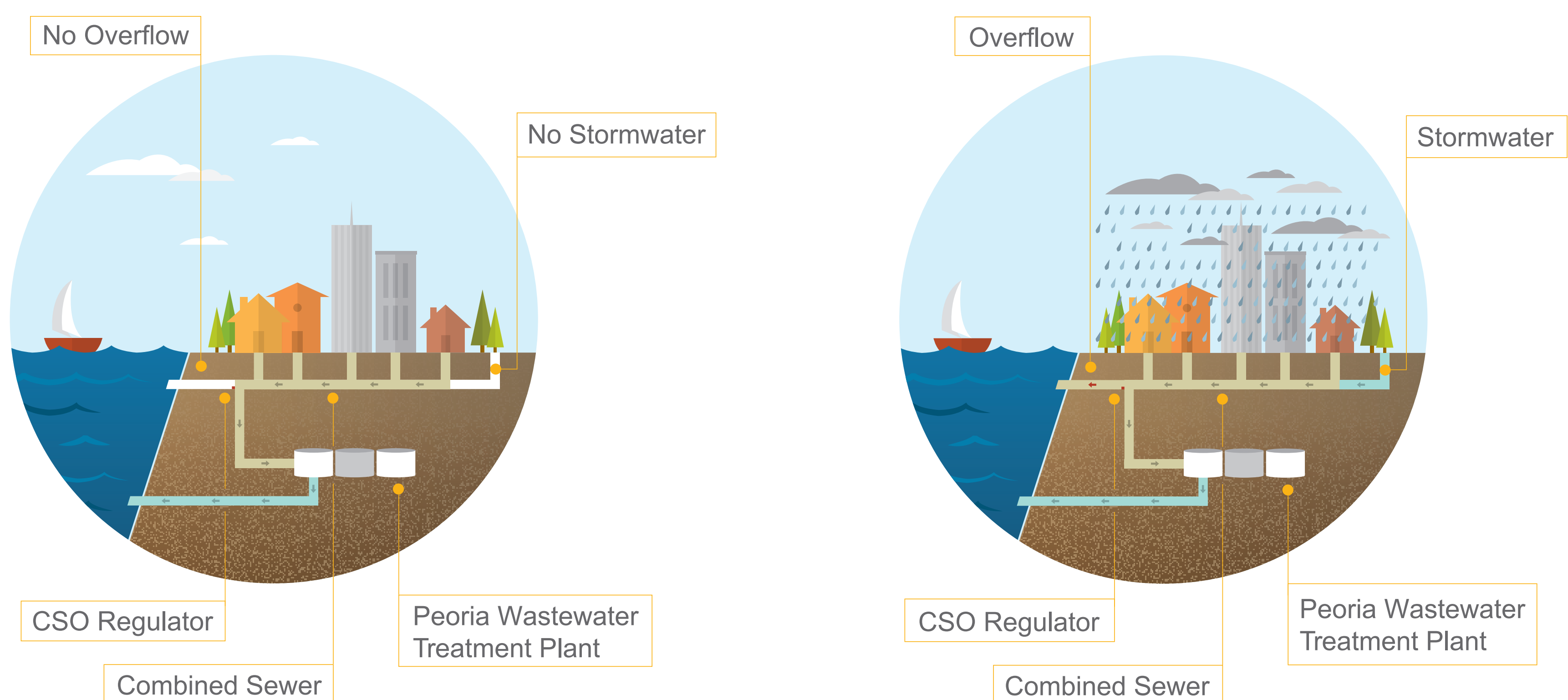
Sewers that collect and convey both sanitary wastewater and stormwater runoff.



Combined Sewer Overflow (CSO)

A combined sewer overflow occurs when the dry weather capacity of the combined sewer system is exceeded due to rainfall or snow melt. The excess diluted sewage flow is discharged to the Illinois River. This is called a combined sewer overflow, or CSO.

How Combined Sewers Function



When and Where Peoria Sewers Overflow

- 15 locations
- 28 or more days per year
- Most overflows come from seven locations
- .15 inches of rain or more



CSO Reduction Program



The City entered a Consent Decree to reduce CSO discharges



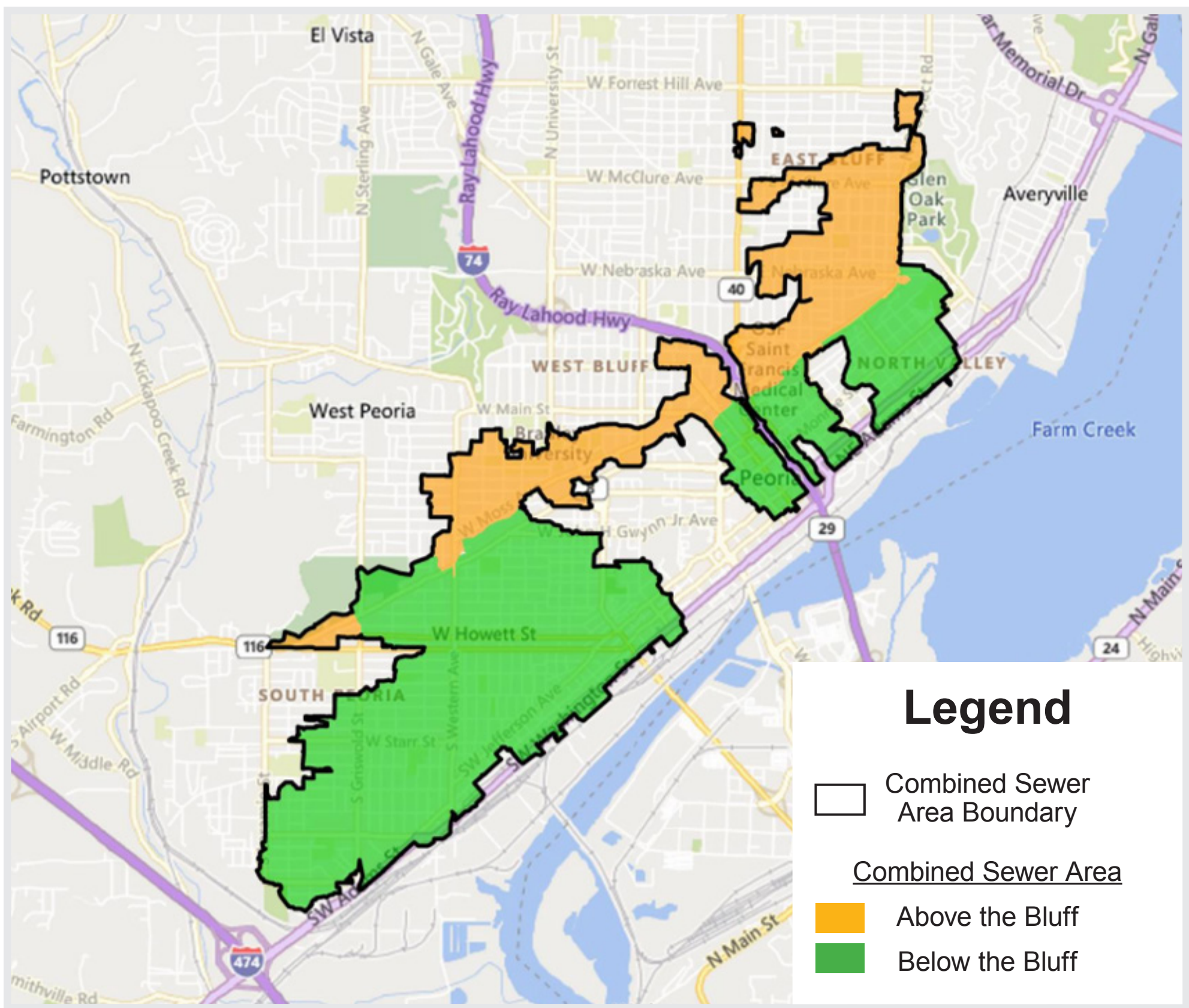
18 Year Implementation Period between 2022 and 2039



Projects include green infrastructure and storage



Projects located in the combined sewer area, below the bluff



Examples of Green Infrastructure used in Peoria.

Year 2 Project Overview

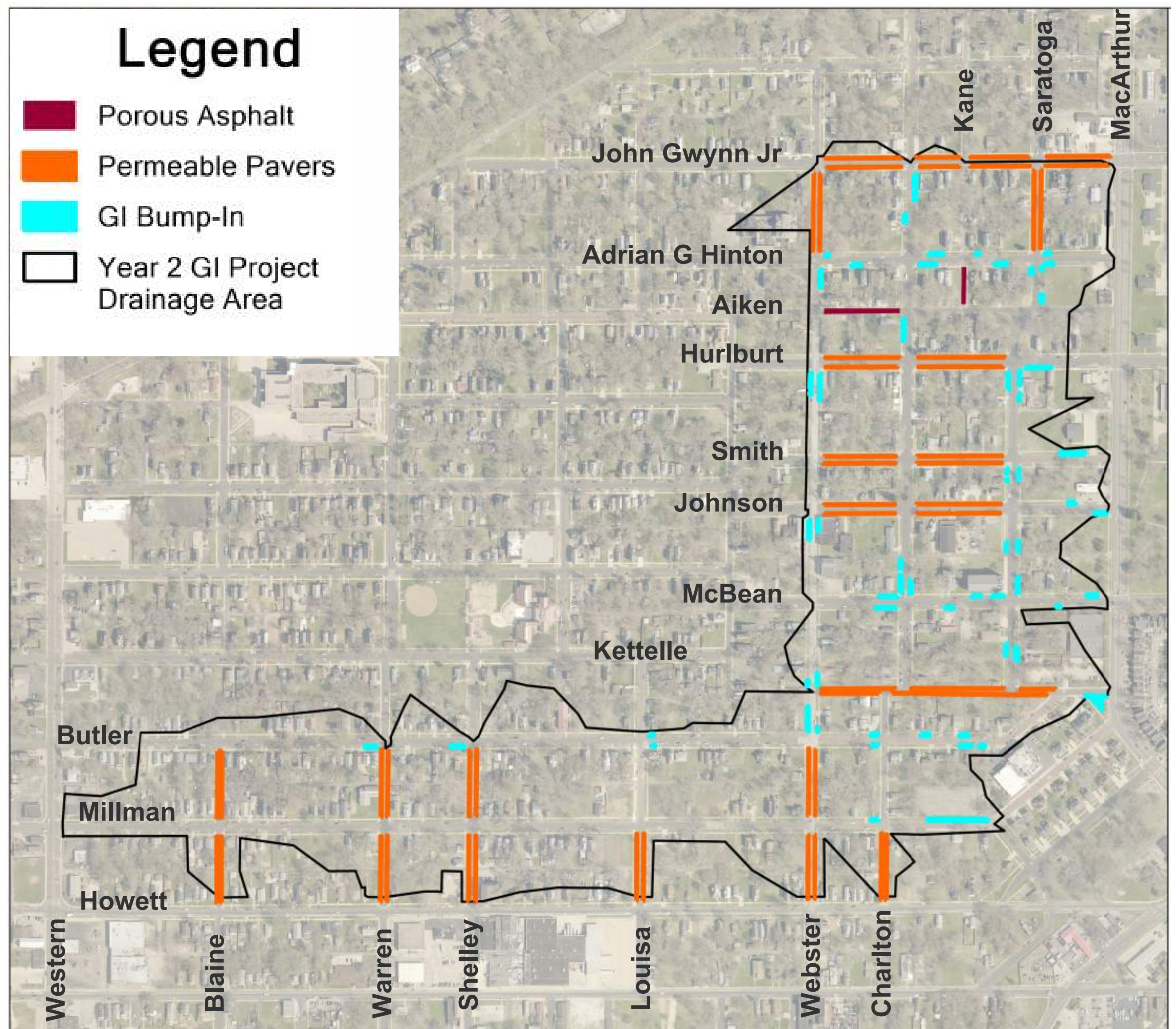
Project Purpose

Reduce CSO discharges to the Illinois River.

Project Details

- 40,000 square feet of new permeable pavement parking lanes
- 7,200 linear feet of new storm sewer
- 160 new storm sewer inlets to GI infiltration
- 2 city blocks of permeable asphalt (Aiken Ave & Kane St)

Year 2 CSO Control Green Infrastructure Project Locations



Co-Benefits

- 1 mile of concrete sidewalk, and 27 sidewalk curb ramps
- 4 miles of concrete curb and gutter
- 40 driveway aprons and 25 alley entrances

Construction Schedule

- Start: May 2023
- Complete: November 2024

