

2021 ANNUAL REPORT

# URBAN CONSERVATION

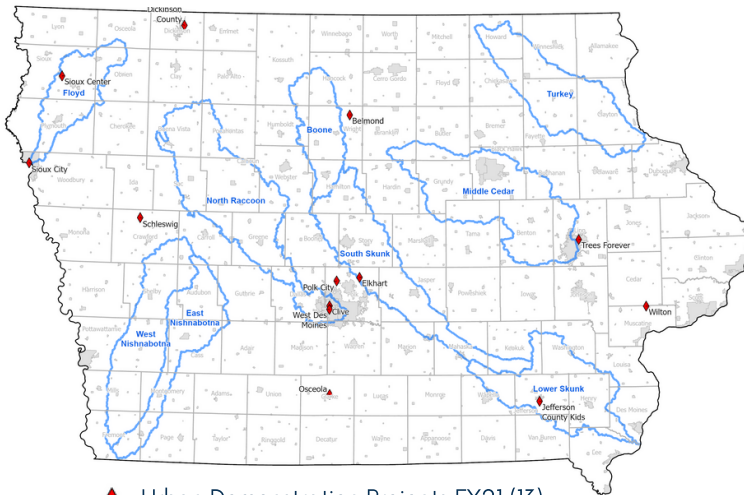


IOWA DEPARTMENT OF  
**AGRICULTURE &  
LAND STEWARDSHIP**

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# 2021 URBAN CONSERVATION PROJECTS



◆ Urban Demonstration Projects FY21 (13)  
 ☞ Iowa NRS Priority HUC8 Watersheds

**13** PROJECTS FUNDED IN 2021

**\$1.1M** RECEIVED IN WATER QUALITY INITIATIVE FUNDS IN 2021

**\$7.8M** IN PUBLIC-PRIVATE INVESTMENTS IN 2021

## PRACTICE EXAMPLES



NATIVE PLANTINGS



PERMEABLE PAVEMENT



BIORETENTION CELLS

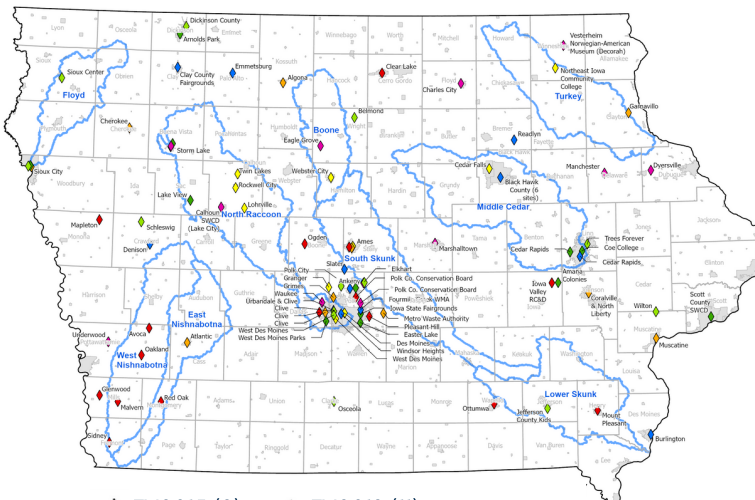


RAIN GARDENS



WETLANDS

## ALL WQI URBAN CONSERVATION PROJECTS



◆ FY2015 (9)     ◆ FY2019 (11)  
 ◆ FY2016 (12)     ◆ FY2020 (12)  
 ◆ FY2017 (12)     ◆ FY2021 (13)  
 ◆ FY2018 (11)     ☞ Iowa NRS Priority HUC8 Watersheds

**80** PROJECTS FUNDED SINCE 2015

**15** PROJECTS IN DESIGN PHASE

**9** PROJECTS UNDER CONSTRUCTION

**56** PROJECTS COMPLETED

**\$6.1M** IN WQI FUNDS SINCE 2015

**\$26.4M** IN PUBLIC-PRIVATE INVESTMENTS SINCE 2015

## RIBBON CUTTING MARKS COMPLETION OF CAMPUSTOWN WQI PROJECT

On May 27, 2021, Secretary Naig attended the ribbon cutting for the City of Ames's permeable pavers and bioretention systems project funded by WQI. The City partnered with the Iowa Department of Agriculture and Land Stewardship, Iowa Creek Watershed Management Authority, Prairie Rivers of Iowa RC and D, Iowa State University and the Iowa Stormwater Education Partnership to install these water quality BMPs on Welch Avenue in the CampusTown area.

Permeable pavers were installed on sidewalks in conjunction with bioretention cells and tree bioretention cells. Over 22,000 gallons of stormwater runoff will be captured by these projects and treated before reaching College Creek and Lake Laverne.



## VESTERHEIM'S HERITAGE PARK PROJECT: SETTING A COURSE TO REDUCE NUTRIENTS IN THE UPPER IOWA RIVER

The Vesterheim Norwegian-American Museum in Decorah's outdoor spaces now include water quality practices including soil quality restoration, native landscaping and permeable pavers to create a "Nordic forest-like setting." They partnered with the Winneshiek Soil and Water Conservation District, the Upper Iowa Watershed Management Authority, Northeast Iowa Resource Conservation and Development and Iowa Department of Agriculture and Land Stewardship to create a highly visible project that will enhance the visitor experience and also reduce sediment and pollutants entering the Upper Iowa River.



## CORAL RIDGE AVENUE RECONSTRUCTION

The City of Coralville, in partnership with the City of North Liberty and the Iowa Department of Agriculture and Land Stewardship, reconstructed a mile-long section of Coral Ridge Avenue. Incorporated into this project were 29 bioretention cells that will capture and treat stormwater before entering the Clear Creek Watershed. To date, it is the largest stretch of green infrastructure ever installed in Iowa, treating 189,000 gallons of rain during an average rain event and more than 4.3 million gallons during an average year.



## HOTEL MILLWRIGHT CAMPUS PROJECT

The Hotel Millwright in the Amana Colonies installed permeable pavers, a bioretention cell and native landscaping to treat the majority of stormwater entering Price Creek from their 8-acre facility. The hotel partnered with the Iowa Valley Resource Conservation and Development, the Iowa Soil and Water Conservation District, Trees Forever, and the Iowa Department of Agriculture and Land Stewardship on the project.

The permeable pavers, bioretention cell and native landscaping line key parking and walking areas. This project was recognized as the Urban Watershed Development of the Year at the 2021 Iowa Water Conference for the hotel's commitment to protecting and improving local water quality.

