



CEDAR RIVER FLOOD CONTROL SYSTEM

Financial Annual Report

Fiscal Year 2021 | July 1, 2020 – June 30, 2021



The Cedar River Flood Control System will be designed to convey the same water volume as the flood of 2008, reducing flood risk through the heart of Cedar Rapids. The system will include a combination of floodwalls, levees, gates, removable walls, and community amenities on both the west and east sides of the river.

Funding for the Flood Control System is a combination of federal, state, city, and private dollars. The system will cost approximately \$550 million in today's dollars. With inflation, total cost is estimated at \$750 million. Accelerating the construction will help reduce inflation costs.

FUNDING SECURED

FEDERAL

\$117 million

US Army Corps of Engineers

\$76 million contribution

\$41 million loan

STATE

\$269 million

State of Iowa Flood
Mitigation Board

CITY

\$264 million

Local funding plan

GRANTS

\$16 million

State and Federal



STATE FUNDING

The City is approved to receive up to \$269 million in sales tax revenues from the Iowa Flood Mitigation Program, for the years 2014 - 2035.

Funding Distributed to City in Fiscal Year 2021	\$15,916,162
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TOTAL State funding received to date:	\$78,053,101
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GRANTS

Includes funding through the Community Development Block Grant, Economic Development Authority, and Iowa Department of Transportation.

Funding Distributed to City in Fiscal Year 2021	\$ 953,683
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TOTAL Grant funding received to date:	\$14,595,999
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EXPENSES BY SEGMENT

Flood Control Investment
Fiscal Year 2021

Total Flood Control
Investment to Date*

WEST OF CEDAR RIVER

Time Check	\$381,592	\$16,342,457
Kingston	\$5,300,364	\$9,430,672
Czech Village / Penford	\$2,917,702	\$19,783,406

EAST OF CEDAR RIVER

Quaker Oats / Cedar Lake	\$13,718,351	\$37,460,531
Downtown	\$5,924,376	\$15,844,412
NewBo / Sinclair	\$2,782,142	\$35,858,564
Cargill South	\$1,614,738	\$4,253,412

8TH AVENUE BRIDGE

\$649,955 \$2,115,222

U.S. ARMY CORPS OF ENGINEERS

\$8,653,025 \$26,882,335

TOTAL

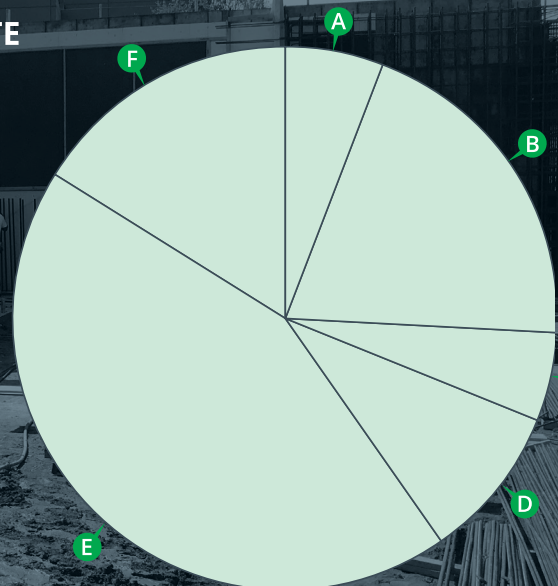
\$41,942,245

\$167,971,011

*Total investment made since design started on the permanent Flood Control System, April 2014

HOW EXPENSES HAVE BEEN FUNDED TO DATE

A Other Funding	\$10,059,531.00	6.0%
B Bonds (City financial plan)	\$33,741,997.00	20.1%
C Local Option Sales Tax for flood control	\$8,530,971.00	5.1%
D Grants	\$15,530,854.00	9.2%
E Iowa Flood Mitigation Program	\$73,225,323.00	43.6%
F US Army Corps of Engineers	\$26,882,335.00	16.0%





FISCAL YEAR 2021 ACCOMPLISHMENTS & ACTIVITIES

COORDINATION

- Ongoing coordination with the US Army Corps of Engineers, Iowa Department of Natural Resources, Iowa Department of Transportation, FEMA and others
- Virtual monthly coordination meetings with property owners on both sides of the Cedar River
- Integrated the Flood Control Project with the planned Connect CR projects (trail bridge downstream of 8th Avenue and Cedar Lake amenities)
- Determine final archway entrance design over the 16th Avenue bridge flood gates through meetings with neighborhood meetings.

DESIGN COMPLETED OR UNDERWAY

- Developed concepts to eliminate the need for floodgates on Ellis Blvd NW and 1st Street NW
- Completed design of Cedar Lake levee protection, Shaver Road Bridge Replacement, 1st Avenue Roller Floodgate, Czech Museum Floodwall, 16th Avenue SW floodgate, 1st Street SE storm sewer interconnects between pump stations, and others.
- Coordinated 12th Avenue SE floodgate design with proposed mini-roundabout at 12th Avenue SE and 2nd Street SE.
- Commenced design on additional NW Neighborhood infrastructure removal to make way for flood control.

CONSTRUCTION

- Completed 16th Avenue SE Rolling Floodgate, the first on the system.
- Construction began on floodwall extension and restroom/storage building at McGrath Amphitheater.
- Construction began on 3rd Avenue SE Removable Floodgate.
- Flood backwater gate installed on storm sewer system in Czech Village to prevent floodwaters from inundating storm sewers and causing street flooding.
- Started construction to raise Shaver Road NE, the first of two bridge raisings on the system.
- Started construction of the Masaryk Park replacement.
- Completed most of the floodwall at Quaker Oats.

PERMANENT FLOOD CONTROL PROJECTS COMPLETED

AS OF JUNE 30, 2021

- 2021 • 16th Avenue SE Roller Floodgate
- 2019 • Completion of Sinclair and NewBo pump stations
- 2019 • Czech Village Levee Substantially Completed
- 2018 • Sinclair Levee
- 2018 • Lot 44 Pump Station (initial pump)
- 2018 • Northwest Gateway & Memorial Plaza
- 2017 • Sinclair Detention Basin
- 2017 • Sinclair Pump Station (initial pump)
- 2017 • CRST Riverwalk
- 2016 • CRST Floodwall
- 2013 • McGrath Amphitheatre Levee



To see a list of additional flood protection measures the City completed following the 2008 floods, visit

www.cityofcr.com/floodcontrol