Cedar River Flood Control System

Year in Review

CEDAR RAPIDS

FLOOD | CONTROL SYSTEM

STRENGTHENING OUR COMMUNITY

At a Glance

- 2008: Interim flood control plan and concept for permanent protection
- 2009 – 2014: Acquisition program, flood recovery, GRI funding
- Logo and branding finalized December 2, 2014
- Open houses: December 2014, January 2015, March 2015
- **Cedar River Flood Control System Master Plan adopted June 23, 2015**
- Public unveiling July 9, 2015
- Design and Construction Phase: Next 15 – 20 years

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FLOOD CONTROL SYSTEM
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Community Investment & Buy-In

FLOOD PROTECTION

Residents get fresh chance to weigh in

By Rick Smith, The Gazette

City Council approves flood control logo

By Rick Smith, The Gazette

CEDAR RAPIDS — The City Council this week approved a green-and-white logo that will appear on signs and correspondence as the city's $570 million flood control system is implemented.

In addition, the council agreed to repaint a city water tower near C Street SW and Highway 30 and, as with no other water tower in the city, "CEDAR

CEDAR RAPIDS FLOOD CONTROL SYSTEM STRENGTHENING OUR COMMUNITY

City of Cedar Rapids

says "Flood Control System" and will add a name to signs at various spots along the system,

Future."

Emily Muhlbach, communications coordinator for the city's Development Services Department, said engineering consultant HR Green, which is designing the city's west-side flood control system, came up with the logo design and branding concept with the help of the city's communications staff.

"We anticipate using signage as the project moves forward and more

help identify those areas and using the branding to help communicate that long-term vision to the community."

Megan Murphy, communications coordinator for the city's Utilities Department, said the C Street SW water tower will be painted a light blue and the city's name on the tower will be painted in black.

The C Street SW tower, built in 1995, holds 2 million gallons of water. The cost to clean, repair and repaint it is estimated at $800,000.

● Comments: (319) 398-8312; rick.smith@thegazette.com

YouTube cedar rapids flood control

Flood Control System - East Side rendering as of March 2015

The Gazette

Eastern Iowa's independent, locally owned newspaper

www.thegazette.com

FLOOD PROTECTION

'Crucial time' to weigh in

Courtesy Shive Hattery Architecture Engineering

among the options displayed on the city of Cedar Rapids' website on flood-control options. This is how one levee's slope can be varied.

han 6 years of talk about flood control nears end

The Gazette

RAPIDS — City d their engineer- ants have been ut the possible and look of a com- ontrol system for six years. has come for ds residents to on. ials and consul- their third open ree months on the downtown e again to elicit ments as the es plans for a ol system in the ead.

Sandy Pumphrey, the city's project engineer for flood control, on Monday said the city is getting a lot of quality comments from the public as it decides a final alignment for the system. It then has to decide what part of that alignment will be earthen levee, solid flood wall, removable flood wall or combination wall that is partially removable.

Jim Halverson, vice president of HR Green Co. of Cedar Rapids, said cost will play a role in what the city can build. Removable flood walls, for example, are more expensive than levees and permanent flood walls, and more gradually climbing levees are more e than those that cl abruptly.

The biggest qu about alignment

Stephen

Pillars are shown in place for removable flood walls at the e McGrath Amphitheatre in Cedar Rapids. The facility was desi to be part of the flood-control system.

WHERE YOU CAN COMMENT

The city is inviting residents to go to its website for about the emerging flood-control system and for a char comment. Go to http://smgs.us/3jvf

▶ FLOOD CONTRO

Sunday, December 14, 2014 • The Gazette 9A

INSIGHT & BOOKS

BOOKS

Here's your chance to go Ramblin' again with Dave Rasdal, 14A

THE GAZETTE'S EDITORIAL

The Gazette

Flood plans IMPACT You

All Cedar Rapids residents have a stake in flood protection planning

Cedar Rapids flood control levee options

24-HOUR DORMAN
TODD DORMAN

Memories, ideas roll in for Wood

A couple of weeks ago, I asked for your thoughts on how best to celebrate Grant Wood's 125th birthday in 2016. Some of my colleagues and others in the community and across Iowa are starting to think about celebrating Wood's legacy and his continued relevance to a new generation.

Several of you weighed in with ideas.

Multiple readers expressed a common theme — that more should be done to highlight and promote local sites tied to Wood's life and work.

One reader, Marty Morrow, who moved to Cedar Rapids just six months ago, said he thinks more could be done to welcome visitors to Wood's iconic stained glass window at the Veterans Memorial Building, along with better signage and marketing of Wood's 5 Turner Alley studio.

Morrow, among several others, would like to know more about local homes Wood had a hand in designing and decorating, Theatre Cedar Rapids, he said, should consider putting on small theatrical productions at Wood's studio just as the artist did when he lived there.

"In summary, I don't think his (125th) should be just an event and then we're done. I think it should be used to build the infrastructure that supports and promotes CR in the CR area. Something grassroots like this will benefit from it if they are lucky enough to be in the area." Morrow wrote.

Clark McLeod says we should think bold, including the possibility of renaming the city's busiest street, First Avenue, "Grant Wood Way," with signage along its route leading visitors to other Wood sites and attractions. An intriguing idea, considering it's the road that leads on to Anamosa, Wood's hometown and his final resting place.

In Iowa City, Howard Hinze suggests that the University of Iowa's 1936 Art Building, where Wood taught and had a studio, should include space dedicated to the artist's legacy. The historic, flood-damaged building is sitting idle while plans are made for its future use.

So there are a lot of ideas out there. But I also received comments from Wood's Iowa families had personal ties to Wood and his work.

City of Cedar Rapids @CityofCRiowa · Jul 18

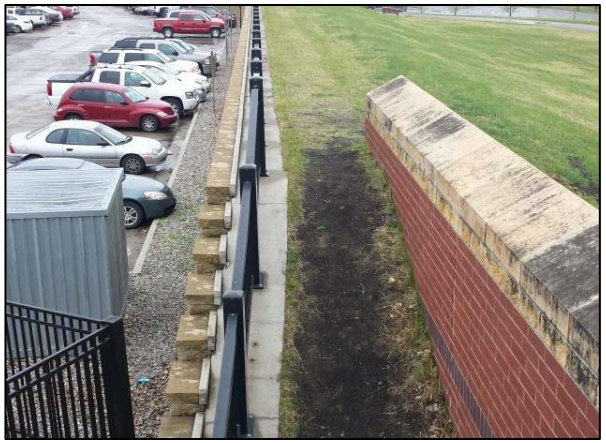
Thanks to @EconomicAllianc for letting us bring #floodcontrolsystem info to the Farmer's Market!

3 7

Due Diligence

Investigation of flood control systems in:

- Coralville and Iowa City
- Fargo, North Dakota
- Grand Forks, North Dakota
- Davenport, Iowa
- Louisville, Kentucky



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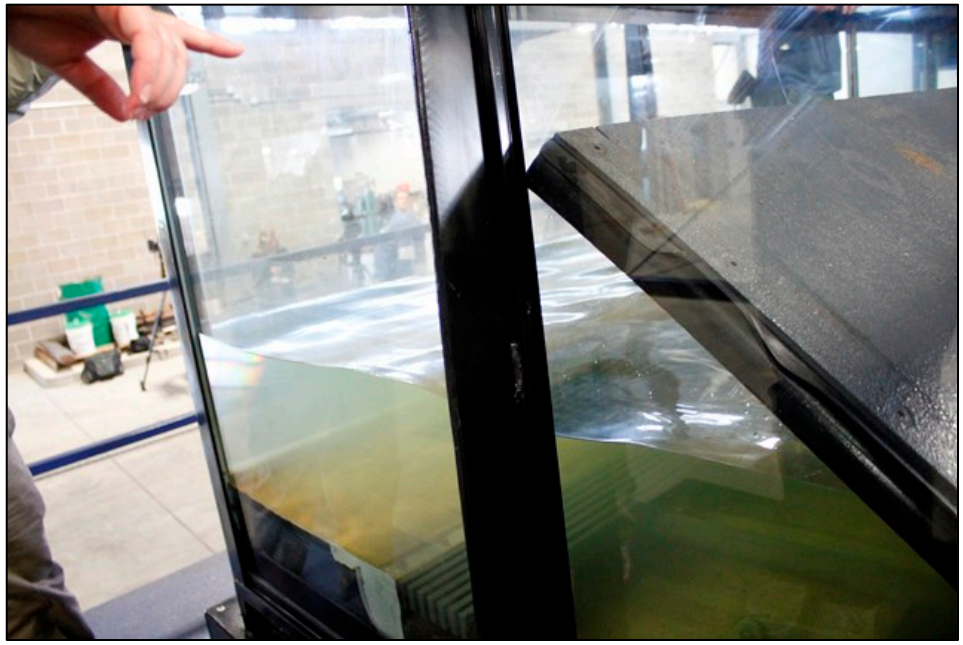
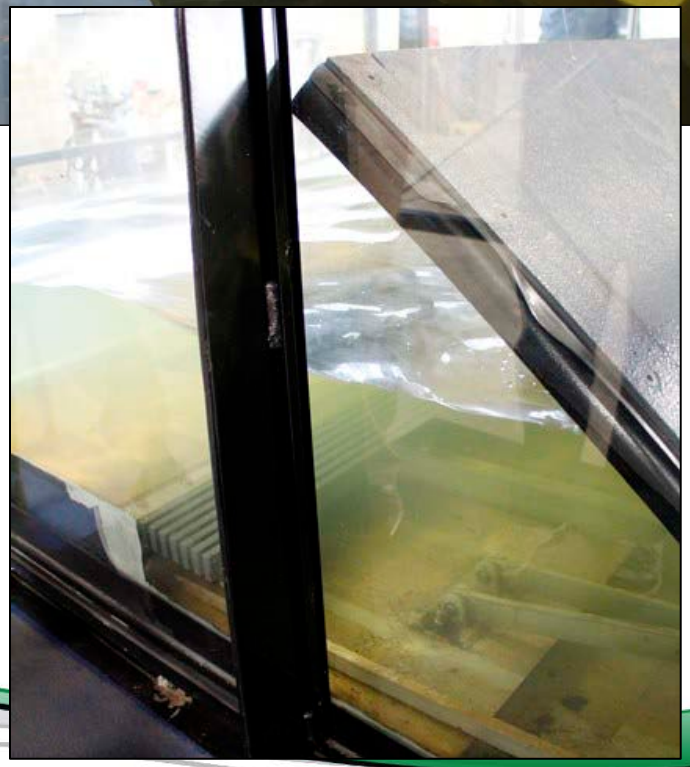
New Technology and Strategies





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Recent Achievements

Developed 5-Year Project Bid Schedule*

Assigning and organizing 100 different bid packages. Moving out of conception and into design phase.

**Will change pending property acquisition priority*

Cedar Rapids Flood Control System Projects

Contract Number and Name	Start Design	Bid Contract Date	Estimated Cost ($000) Design	Estimated Cost ($000) Construction
E3.15 Sinclair Levee Tree Removal Stanley Consultants *Clear trees in preparation for construction of project E3.05*		11/15/2015	$6	$50
E3.13 Clear Buildings from Sinclair Levee Footprint Anderson Bogert *Demolition of existing structures in the Sinclair levee footprint.*	9/1/2015	11/30/2015	$19	$151
E1.09 Quaker Oats Floodwall Stanley Consultants *Floodwall, pump stations and railroad closure on Quaker Oats Plant*	6/1/2014	2/15/2016	$1,807	$9,901
E3.03 10 Avenue Pump Station HDR *New stormwater pump station, the largest on the east side.*	9/1/2015	3/30/2016	$1,153	$9,000
E2.11 Trail from 2nd Ave to 3rd Ave Anderson Bogert *Riverfront walkway design at the new CRST Building. Must bid early.*	9/1/2015	3/31/2016	$86	$673

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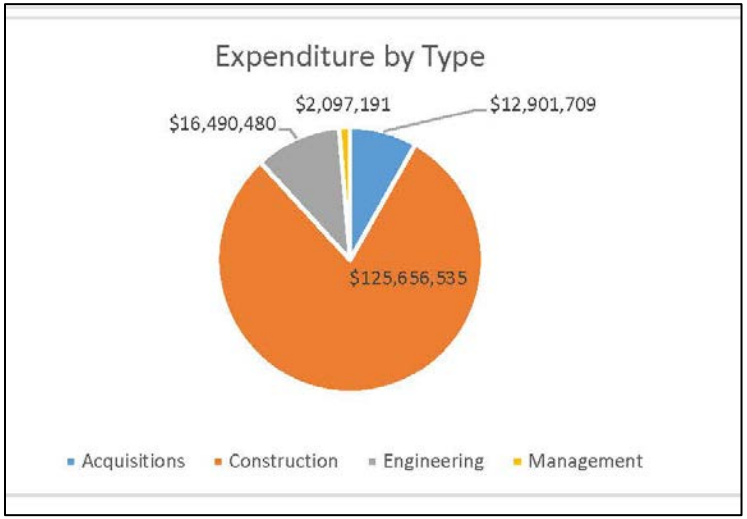
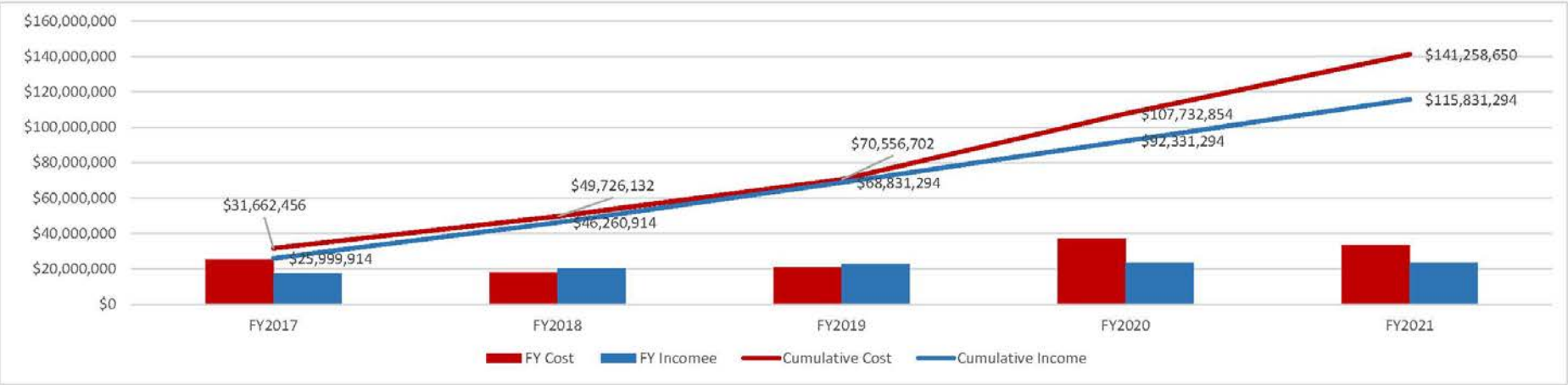
Recent Achievements

Developed 5-Year Financial Plan



Flood Control System

5-Year Plan Cash Flow



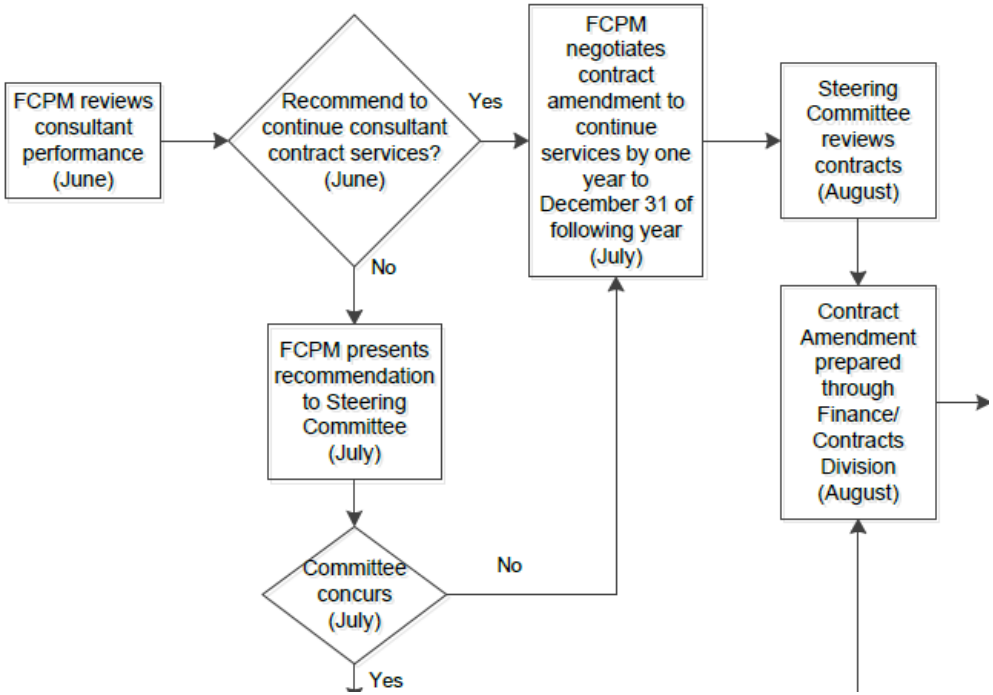
Recent Achievements

Added Aesthetics Policy

Providing a COHESIVE flood control system that unifies Cedar Rapids as ONE COMMUNITY

Recent Achievements

- Documented Design Consultant Selection / Contracting Process
- Successful property acquisitions to date
  - 7 already acquired
  - 15 in progress
  - 3 pending



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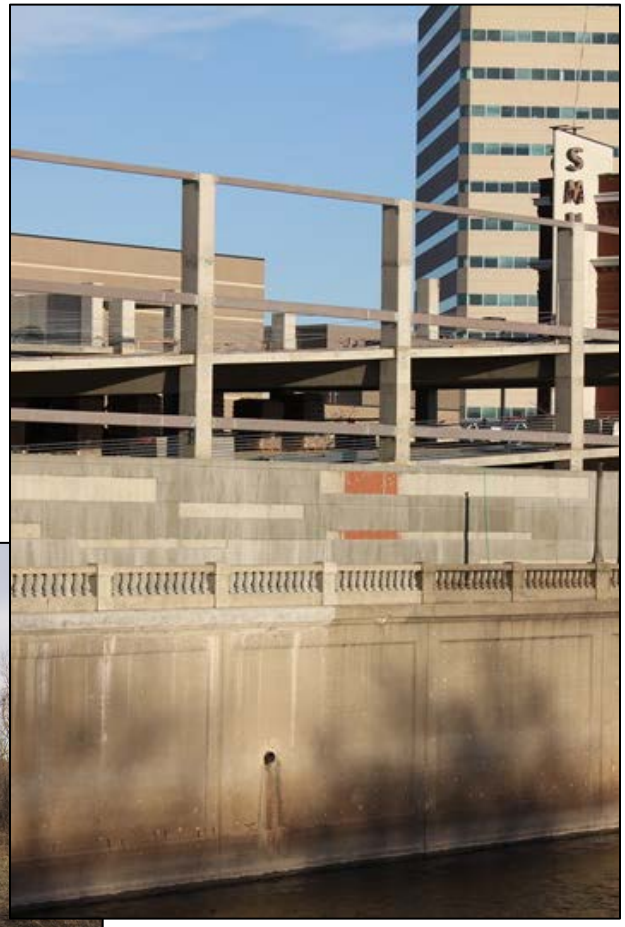
Recent Achievements

- Removable walls at McGrath Amphitheatre
- Floodwall incorporated into CRST building
- Awarded Tree Clearing Contract at Sinclair
- January 2016 Bid: Buildings and debris to be cleared at Sinclair



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Next 6 Month Goals

- Internal Drainage Policy
- Sinclair Site – Detention basin / redevelopment configuration
- Removable Floodwall time and motion study
- Ready NewBo/Sinclair levee and Parking Lot 44 Pump Station for bid

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BUILDING FOR OUR FUTURE

Sinclair Levee

Engineer: Stanley Consultants, Inc.

Contractor: [to be determined]

Project Financed by:

Iowa Flood Mitigation Grant
Flood Bonds

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City of Five Seasons

FLOOD | CONTROL SYSTEM

BUILDING FOR OUR FUTURE

Next 6 Month Goals

- Work with State GRI staff and other cities on GRI administrative program details
- Coordinate Trails Master Plan update
- Analyze 8th Ave Corridor improvements / possible FCS incorporation

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