



**STATE OF IOWA  
FLOOD MITIGATION PROGRAM  
PROGRESS REPORT**

PERIOD COVERED BY THIS REPORT: 5/1/2022 to 10/31/2022  
 LOCAL CONTACT NAME: Matthew Tolan  
 GOVERNMENTAL ENTITY: City of Cedar Falls  
 ADDRESS: 220 Clay Street  
 Cedar Falls, Iowa 50613  
 TELEPHONE NUMBER: 319-273-8606  
 PROJECT TITLE: Downtown Levee Improvement Flood Mitigation Project  
 AGREEMENT NUMBER: 2014-0  
 ACTIVITY COMPLETION TIMEFRAME: 2/28/2014 to 12/31/2021

	FEDERAL	LOCAL	STATE (STIF only)	TOTAL
TOTAL FUNDS APPROVED:	\$ 4,812,000	\$ 1,813,000	\$ 5,658,673	\$ 12,283,673
TOTAL FUNDS EXPENDED TO DATE:	\$ 4,812,000	\$ 1,997,126	\$ 5,585,158	\$ 12,394,284
<b>PROJECT OVERRUN/ (UNDERRUN):</b>	\$ -	\$ 184,126	\$ (73,515)	\$ 110,611
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				<b>100%</b>
The estimated cost of the project at completion (which may even exceed the awarded amount)				<b>\$ 12,394,284</b>

Type of Expense & Funding Source	Budget (from Application)	Federal/ Local/ State (STIF only)	Total Expended to Date	Remaining Balance
<b>Engineering/Contractual Services:</b>	\$ 450,000			
Sales Tax Increment		State	\$ 796,924	
Consultant Preliminary Design		Local	\$ 253,967	
TOTAL			\$ 1,050,891	\$ (600,891)
<b>Property Acquisition &amp; Easement:</b>	\$ 600,000			
Right-of-Way/Easement Acq./Demolition costs		State	\$ 384,936	
Local Funds		Local	\$ 1,436	
TOTAL			\$ 386,372	\$ 213,628
<b>Construction:</b>	\$ 5,650,000			
Railroad Permitting/Stormwater Permitting		Local	\$ 3,723	
Construction/Construction Related Engineering		State	\$ 4,403,299	
TOTAL			\$ 4,407,021	\$ 1,242,979
<b>Other- Original Cost of Downtown</b>	\$ 6,550,000			
US Army Corps of Engineers		Federal	\$ 4,812,000	
Local (original levee project) General Obligation Bonds		Local	\$ 1,738,000	
TOTAL			\$ 6,550,000	\$ -
<b>Total Project Budget Summary</b>	<b>\$ 13,250,000</b>		<b>\$ 12,394,284</b>	<b>\$ 855,716</b>

FUNDING SOURCE:	FEDERAL (from Application)	LOCAL (from Application)	STATE (STIF only) (from Application)	Total Expended to Date
US Army Corps of Engineers	\$ 4,812,000			\$ 4,812,000.00
Local (original levee project)		\$ 1,738,000		\$ 1,738,000.00
Local (levee improvement project)		\$ 75,000		\$ 259,125.91
Sales Tax Increment			\$ 5,658,673	\$ 5,585,158.42
				\$ -
				\$ -
				\$ -
				\$ -
<b>Total Project Funding Source</b>	<b>\$ 4,812,000</b>	<b>\$ 1,813,000</b>	<b>\$ 5,658,673</b>	<b>\$ 12,394,284.33</b>

Indebtedness Incurred (Bonds, etc.)	Rate of Interest	Length of Term (start & end)	Costs of Issuance	Net Proceeds
	0.00%		\$ -	\$ -
	0.00%		\$ -	\$ -
	0.00%		\$ -	\$ -

NON-PUBLIC INVESTMENT - Entity	Total to Date
Building permit valuations for downtown area	\$ 600,436
Building permit valuations for downtown area	\$ 4,217,675
Building permit valuations for downtown area	\$ 14,936,467
Building permit valuations for downtown area	\$ 742,697
<b>Total Non-Public Investment</b>	<b>\$ 20,497,275</b>

Project Status- entire project (Check One)	Description of significant activities this <b>semi-annual term</b> . Include comparison of actual accomplishments to the objectives identified in your application. Attach pictures and a narrative. Status changes or delays, please explain reason.
<input type="checkbox"/> On Schedule <input type="checkbox"/> Delayed <input type="checkbox"/> Canceled <input checked="" type="checkbox"/> Completed <input type="checkbox"/> Suspended	<p align="center"><b>Project construction complete by contractor, and approved by City Council. Per Amendment #5, the City has now completed the FEMA Accreditation process on 7/15/2022.</b></p>

Application Work Schedule (Milestones)			Milestone Status
#	Description:	Submitted Completion Date:	Actual Completion Date:
1	Original Downtown Levee	Complete	
2	CFU Levee	Complete	
3	Design	11/28/2014	12/4/2014
4	Environmental Review	4/28/2015	1/28/2015
5	Right of Way Acquisition	11/28/2015	11/2/2015
6	Construction	11/30/2019	8/17/2020
7	FEMA Accreditation	12/31/2021	7/15/2022
8			
9			

Person Completing this Report:

Matthew Tolan

Date:

11/15/2022

I, the undersigned, hereby certify that the above information is accurate and true, and in accordance with the approved project plan and state and federal regulations and policies governing this award.

Signature on file

Signature of Authorized Representative or Governmental Entity

Matthew Tolan

Name of Authorized Representative or Governmental Entity

**Instructions to complete this form**

Areas shaded  are to be completed by State HSEMD Personnel.

Areas shaded  are to be completed by the governmental entity or authorized administrator.

**Progress Report for Downtown Levee Improvements Project**  
**Project Narrative Description of Significant Activities**  
**May 1, 2022 to November 1, 2022**

The Corps of Engineers 408 permit approval came in August 2017. The City’s consultant, AECOM, completed final plans and held a public bid letting on August 31, 2017. During the City Council meeting on September 18, 2017 the City entered into a contract with Iowa Bridge & Culvert of Washington, Iowa. The preconstruction meeting was held on October 9, 2017 to discuss the contractors schedule for the project. Construction started on November 1, 2017. The City approved the certificate of completion and acceptance of the work by Iowa Bridge & Culvert on August 17<sup>th</sup>, 2020. The following is the final update by Iowa Bridge & Culvert: The City of Cedar Falls completed FEMA’s 44 CFR 65.10 compliance for Levee Accreditation with AECOM on July 15<sup>th</sup>, 2022.

**Segment 1 – Sta. 10+00 to 16+24**

**Complete**

The completed construction for this segment included installation of a new concrete floodwall. The final aesthetics have been completed and installed: precast wall cap, precast light cap, and light poles. The slopes of the levee have been stabilized and permanent seeded.



**Sanitary Sewer Force Main**

**Complete**

The sanitary sewer force main has been installed within Segment 1. Construction of this item included the installation of a sanitary sewer force main for the Ice House Museum that connects to W 1<sup>st</sup> Street with a casing pipe that crosses under the railroad and floodwall.

**Segment 2 – Sta. 16+24 to 20+19**

**Complete**

The completed construction for this segment included installation of a new concrete floodwall extension on top of the existing levee wall. Crews have completed drilling and

extending rebar for the wall extension. The slopes of the levee have been stabilized and permanent seeded.

**Segment 3 – Sta. 20+19 to 21+70.50**

**Complete**

Floodwall protection and lower retaining wall are complete for this segment. Crews have completed installation of the new concrete floodwall and lower retaining wall. Crews have also tested and installed a new removable floodwall channel system. The following additional final aesthetics were finished and installed: pedestrian trails, precast wall cap, precast light cap, and light poles. The slopes of the levee have been stabilized and permanent seeded.



**Segment 4 – Sta. 22+23.70 to 25+51.75**

**Complete**

Floodwall protection and lower retaining wall are complete for this segment. Crews have completed installation of the new concrete floodwall and lower retaining wall. The following additional final aesthetics need to be finished and installed: pedestrian trails, concrete staircase, concrete promenade walk, precast wall cap, precast light cap, and light poles. The slopes of the levee have been stabilized and permanent seeded.

**Segment 5 – Sta. 26+92 to 38+01**

**Complete**

Flood protection is complete for this segment. Crews have completed raising the existing earthen levee by an addition of 2 feet. Crews have also completed modifications to Gatewell B. The slopes of the levee have been permanent seeded and has also been permanent seeded around the final trail placement.

**Segment 5 – Plaza**

**Complete**



Construction in this area, on the dry side of the levee, will include stairs, decorative retaining walls, new trail connections, decorative planters, and a foundation for a future art sculpture. Construction was completed this segment.

**Segment 5 – Sta. 38+01 to 48+37.75**

**Complete**

Floodwall protection is complete for this segment. Crews have completed the installation of the new concrete wall located around the WWTP. The slopes of the levee have been permanent seeded.



**Segment 5 – Sta. 48+37.75 to 57+46**

**Complete**

Flood protection is complete for this segment. Crews have completed raising the existing earthen levee by an addition of 2 feet. Crews have also completed modifications to Gatewell G, and adding 2 feet of material to the existing earthen levee. The slopes of the levee have been permanent seeded.



**Segment 5 – Sta. 57+46 to 69+00**

**Complete**

Floodwall protection is complete for this segment. Crews have completed installation of a new 2 foot concrete floodwall extension on the top of the existing levee wall and placement of a new earthen levee section ending at station 69+00. Crews have also tested and installed a new removable floodwall channel system at the railroad opening and 9<sup>th</sup> Street opening. The following additional construction related items have been finished and installed: pedestrian trails, light poles, and painting. The slopes of the levee have been permanent seeded.





**FEMA**

July 15, 2022

The Honorable Rob Green, Mayor  
City of Cedar Falls  
220 Clay Street  
Cedar Falls, IA 50613

Dear Mayor Green:

The Department of Homeland Security's Federal Emergency Management Agency (FEMA) is pleased to inform you that we have accepted the accreditation materials that AECOM submitted on behalf of the City of Cedar Falls for the Cedar Falls Levee, also referred to in the National Levee Database as the Cedar Falls, IA Levee (NLD System ID 5105520001).

The materials were submitted in response to the Provisionally Accredited Levee (PAL) agreement that the City of Cedar Falls entered into with FEMA on November 20, 2018. As part of this agreement, we requested that information on the Cedar Falls, IA Levee system be submitted in order to continue to show it as accredited for base (one-percent-annual-chance) flood hazard reduction on the Flood Insurance Rate Map (FIRM).

The materials that AECOM submitted for the Cedar Falls, IA levee system from June 23, 2021 through June 7, 2022 were adequate to demonstrate the levee's continued compliance with the minimum requirements outlined in Title 44 of the Code of Federal Regulations, Section 65.10 (44 CFR 65.10), and to substantiate that adequate design, operation and maintenance systems are in place to provide reasonable assurance that protection from the base flood exists. The levee system is shown in the attached enclosure.

FEMA has accepted the Cedar Falls, IA Levee system (as shown in the attached enclosure) as complying with 44 CFR 65.10. The levee will be shown as fully accredited on a future FIRM for Black Hawk County, Iowa.

If you have any questions, please contact Dawn Livingston of my staff at (816) 283-7055.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Murdie".

Bryan D. Murdie, Chief  
Risk Analysis Branch

Enclosure: Cedar Falls, IA Levee System



The Honorable Rob Green., Mayor  
July 15, 2022  
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cc: David Wicke, P.E., City Engineer, City of Cedar Falls  
Ron Gaines, City Administrator, City of Cedar Falls  
Daniel Kimball, AECOM  
Stephen Holst, AECOM  
Elliott Drumright, AECOM  
Jason Conn, State of Iowa National Flood Insurance Program Coordinator  
Shirley Johnson, U.S. Army Corps of Engineers, Rock Island District  
Anish Pradhananga, Engineer, STARR II



# Cedar Falls Levee System

Black Hawk County, Iowa

— Levee



FEMA