



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

PERIOD COVERED BY THIS REPORT: 5/1/2018 to 10/31/2018  
 LOCAL CONTACT NAME: Chase Schrage  
 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 12/31/2018

	FEDERAL	LOCAL	STATE (STIF only)	TOTAL
TOTAL FUNDS APPROVED:	\$ 4,812,000	\$ 1,813,000	\$ 6,625,000	\$ 13,250,000
TOTAL FUNDS EXPENDED TO DATE:	\$ 4,812,000	\$ 1,995,671	\$ 3,544,906	\$ 10,352,577
<b>PROJECT OVERRUN/ (UNDERRUN):</b>	\$ -	\$ 182,671	\$ (3,080,094)	\$ (2,897,423)
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				<b>90%</b>
The estimated cost of the project at completion (which may even exceed the awarded amount)				<b>\$ 13,250,000</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	\$ 694,153	
Consultant Preliminary Design		Local	\$ 253,967	
TOTAL			\$ 948,120	\$ (498,120)
<b>Property Acquisition &amp; Easement:</b>	\$ 600,000			
Right-of-Way/Easement Acq./Demolition costs		State	\$ 382,223	
Local Funds		Local	\$ 1,044	
TOTAL			\$ 383,267	\$ 216,733
<b>Construction:</b>	\$ 5,650,000			
Railroad Permitting/Stormwater Permitting		Local	\$ 2,660	
Construction/Construction Related Engineering		State	\$ 2,468,531	
TOTAL			\$ 2,471,190	\$ 3,178,810
<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>\$ 10,352,577</b>	<b>\$ 2,897,423</b>



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	12/31/2018	
7			
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Person Completing this Report: Chase Schrage

Date: 5/11/2018

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 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.

# Cedar Falls Progress Report for Downtown Levee Improvements Project

Project Narrative Description of Significant Activities

May 1, 2018 to Nov. 1, 2018

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. Bi-weekly constructions meetings are held with contractors to discuss changes to the schedules and to discuss any concerns that the contractor may have. The following is the updated schedule and progress by Iowa Bridge & Culvert:

## Segment 1 – Sta. 10+00 to 16+24

**Currently In Construction thru Spring 2019**

Floodwall protection is complete for this segment. Crews have completed installation of the new concrete floodwall. The following additional final aesthetics need to be finished and installed: precast wall cap, precast light cap, and light poles. The slopes of the levee have been seeded, but additional permanent seeding may be required in spring of 2019.



## 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, but permanent seeding will be required in spring of 2019.

**Segment 3 – Sta. 20+19 to 21+70.50****Currently In Construction thru Spring 2019**

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 installed a new removable floodwall channels with final assembly occurring by December of 2018. The following additional final aesthetics need to be finished and installed: pedestrian trails, precast wall cap, precast light cap, and light poles. The slopes of the levee have been stabilized, but permanent seeding will be required in spring of 2019.

**Segment 4 – Sta. 22+23.70 to 25+51.75****Currently In Construction thru Spring 2019**

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: painting, pedestrian trails, concrete staircase, concrete promenade walk, precast wall cap, precast light cap, and light poles. The slopes of the levee have been stabilized, but permanent seeding will be required in spring of 2019.

**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 seeded, but additional permanent seeding may be required in spring of 2019.

**Segment 5 – Plaza****Currently In Construction thru Spring 2019**

Construction in this segment will include stairs, decorative retaining walls, new trail connections, decorative planters and a foundation for a future art sculpture. Construction in this segment will proceed in spring of 2019 and require 15 additional working days to complete.

**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 seeded, but additional permanent seeding may be required in spring of 2019.

**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. Construction of this segment is anticipated to be complete in early September. The slopes of the levee have been seeded, but additional permanent seeding may be required in spring of 2019.

**Segment 5 – Sta. 57+46 to 69+00**

**Currently In Construction thru Spring 2019**

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 installed a new removable floodwall channels with final assembly occurring by December of 2018. The following additional construction related items need to be finished and installed: concrete driveway, storm sewer system, pedestrian trails, and light poles. The slopes of the levee have been stabilized, but permanent seeding will be required in spring of 2019.

