



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

PERIOD COVERED BY THIS REPORT: 5/1/2019 to 10/31/2019  
 LOCAL CONTACT NAME: Matt Cox  
 GOVERNMENTAL ENTITY: City of Council Bluffs  
 ADDRESS: 209 Pearl Street  
 Council Bluffs, Iowa 51503  
 TELEPHONE NUMBER: 712-890-5296  
 PROJECT TITLE: Levee and Indian Creek Flood Mitigation Project  
 AGREEMENT NUMBER: 2014-0  
 ACTIVITY COMPLETION TIMEFRAME: 12/4/2013 to 12/31/2034

	FEDERAL	LOCAL	STATE	TOTAL
TOTAL FUNDS APPROVED:	\$ 22,800,000	\$ 34,200,000	\$ 57,000,000	\$ 114,000,000
TOTAL FUNDS EXPENDED TO DATE:	\$ 22,801,385	\$ 10,309,660	\$ 10,517,280	\$ 43,628,325
<b>PROJECT OVERRUN/ (UNDERRUN):</b>	<b>\$ 1,385</b>	<b>\$ (23,890,340)</b>	<b>\$ (46,482,720)</b>	<b>\$ (70,371,675)</b>
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				<b>32%</b>
The estimated cost of the project at completion (which may even exceed the awarded amount)				<b>\$ 130,000,000</b>

Type of Expense & Funding Source	Budget (from Application)	Federal/Local/State	Total Expended to Date	Remaining Balance
<b>CDBG Flood-125 West Broadway</b>	\$ 2,400,000			
IEDA CDBG Multi-Family Unit Production Rental Disaster Recovery Fund		Federal/	\$ 2,400,630	
			\$ -	
TOTAL			\$ 2,400,630	\$ (630)
<b>USACE 2011 Flood Fight and Rehabilitation</b>	\$ 20,400,000			
USACE PL 84-99 Emergency Operations and Levee Rehab, USACE Operations and Maintenance		Federal	\$ 20,400,755	
			\$ -	
TOTAL			\$ 20,400,755	\$ (755)
<b>Industrial Park Levee Accreditation</b>	\$ 6,500,000			
City of Council Bluffs Local Option Sales Tax and Non-Public Investment		Local	\$ 9,008,155	
			\$ -	
TOTAL			\$ 9,008,155	\$ (2,508,155)
<b>Levee Accreditation Engineering Analysis</b>	\$ 1,900,000			
City of Council Bluffs Local Option Sales Tax		Local	\$ 614,324	
		State	\$ 1,533,279	
TOTAL			\$ 2,147,603	\$ (247,603)
<b>Levee System Improvements &amp; Accreditation</b>	\$ 50,000,000			

City of Council Bluffs Local Option Sales Tax		Local	\$ 687,181	
		State	\$ 8,984,001	
TOTAL			\$ 9,671,182	\$ 40,328,818
Indian Creek Channel Rehabilitation	\$ 32,800,000			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 32,800,000
<b>Total Project Budget Summary</b>			<b>\$ 43,628,325</b>	<b>\$ 70,371,675</b>

FUNDING SOURCE:	FEDERAL (from Application)	LOCAL (from Application)	STATE (from Application)	Total Expended to Date
CDBG Program 08-DRH-215	\$ 2,400,000			\$ 2,400,630.00
U.S. Army Corps of Engineers	\$ 20,400,000			\$ 20,400,755.00
Iowa Flood Mitigation Program			\$ 57,000,000	\$ 10,517,280.39
City of Council Bluffs /Local Non-Public		\$ 34,200,000		\$ 10,309,660.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
<b>Total Project Funding Source</b>	<b>\$ 22,800,000</b>	<b>\$ 34,200,000</b>	<b>\$ 57,000,000</b>	<b>\$ 43,628,325.39</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
Industrial Park Levee Property Owners	\$ 7,563,263
	\$ -
	\$ -
<b>Total Non-Public Investment</b>	<b>\$ 7,563,263</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 checked="" type="checkbox"/> On Schedule <input type="checkbox"/> Delayed <input type="checkbox"/> Canceled <input type="checkbox"/> Completed <input type="checkbox"/> Suspended	See Attached

Application Work Schedule (Milestones)			Milestone Status
#	Description:	Submitted Completion Date:	Actual Completion Date:
1	Geotech/Drainage MR-1, Structural MR-2, IPL Accreditation	12/31/2016	12/31/2016
2	Structural MR-1, Geotech MR-7, Geotech MR-2	12/31/2017	12/31/2017
3	PFE Pump Station Abandonment, Drainage MR-2	12/31/2018	12/31/2018
4	Levee Phase 4	12/31/2019	
5	Levee Phase 5	12/31/2020	
6	Levee Phase 6	12/31/2021	
7	Levee Phase 7	12/31/2022	
8	Levee Phase 8	12/31/2023	
9	Levee Phase 9	12/31/2024	
10	Levee Phase 10	12/31/2025	
11	Indian Creek Phase 1	12/31/2026	
12	Indian Creek Phase 2	12/31/2027	
13	Indian Creek Phase 3	12/31/2028	
14	Indian Creek Phase 4	12/31/2029	
15	Indian Creek Phase 5	12/31/2030	
16	Indian Creek Phase 6	12/31/2031	
17	Indian Creek Phase 7	12/31/2032	
18	Indian Creek Phase 8	12/31/2033	
19	Indian Creek Phase 9	12/31/2034	
20	Indian Creek Phase 10	12/31/2034	

Person Completing this Report: Matthew S. Cox  
Date: 11/12/2019

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.

Matthew S. Cox - Public Works Director

Signature of Authorized Representative or Governmental Entity

<b>Instructions to complete this form</b>	
Areas shaded	are to be completed by State HSEMD Personnel.
Areas shaded	are to be completed by the governmental entity or authorized administrator.

Recent and continued tasks by the City of Council Bluffs include flood fighting high river conditions on the Missouri River; submission of the Alignment A certification package to FEMA; coordination with IDNR to develop and bid a dredging project for the production of berm borrow material; and general coordination with FEMA and USACE.

During this past reporting period, expenses as of the end of the reporting period were less than the reimbursement amount.

Total Expenses (Oct 2019) = \$43,628,325

Total Expenses (Apr 2019) = \$43,432,594

\$195,731 (additional expenses during reporting period)

IFMP Reimbursements (Oct 2019) = \$ 8,708,992

IFMP Reimbursements (Apr 2019) = \$10,517,280

\$ 1,808,288 (additional reimbursements during reporting period)

(Two payments received, 5/24/2019 and 8/26/2019)

\$1,808,288 - \$195,731 = \$1,612,557 (additional revenue beyond expenses during the reporting period)

Local Expenses (Apr 2019) = \$11,922,217 - \$1,612,557 = \$10,309,660 = Local Expenses (Oct 2019)

The Geotech MR-5 project was awarded for construction in July. Unfortunately, the contractor has not yet been able to start work due to this year's flooding and the poor site conditions. The City recently approved an agreement with Iowa DNR to share in the cost of dredging material from Lake Manawa. The sand will be used for levee improvement projects. Combined, these project commitments are almost \$3,000,000 in obligated funds. There are also two significant projects that have been designed and are nearly ready for construction packages to be bid. The combined cost of this work is approximately \$10,000,000. Once these projects are able to proceed, the Local cost share will increase significantly.

The flood events of 2019 have delayed progress in the short term, but we are hopeful that we can maintain the overall program schedule.

The following Improvement projects are in progress:

- Industrial Park Levee Accreditation – All work is complete. FEMA has accepted the levee reach as meeting the minimum requirements of 44 CFR 65.10.  
(Complete)
- Alignment A Levee Accreditation – Documentation that the levee reach meets the minimum requirements of 44 CFR 65.10.  
(Submitted to FEMA in July 2019 and initial comments received October, 15, 2019)

- Geotech MR-1 and Drainage MR-1 – Project constructed a pervious toe trench and modified sand berm for seepage control, and repaired an outfall pipe by slip-lining.  
*(Complete)*
- Geotech MR-2 – Project modified the existing relief well system to meet underseepage requirements.  
*(Complete)*
- Geotech MR-3 – Project resolves levee seepage and slope stability deficiencies.  
*(Design is 100% complete, USACE Section 408 and 404 permits have been approved. Wetland mitigation credits have been purchased. Bid date TBD.)*
- Geotech MR-4 – Project constructs a seepage berm and existing relief wells will be abandoned.  
*(Design is 100% complete, USACE Section 408 and 404 permits have been approved. Wetland mitigation credits have been purchased. ROW acquired. New bid date TBD.)*
- Geotech MR-5 – Project constructs a seepage berm and existing relief wells will be abandoned.  
*(Design is 100% complete, USACE Section 408 and 404 permits have been approved. Wetland mitigation credits have been purchased. ROW acquired. Project was bid and has been awarded.)*
- Geotech MR-7 – Project replaced the existing relief well system and re-graded the berm to meet underseepage requirements.  
*(Complete)*
- Geotech MR-6, 8, & 9 – Each of the three projects constructs a seepage berm with existing relief wells to be abandoned.  
*(Design optimization is complete. RFP's for final design are planned for December 2019.)*
- Structural MR-1 – Project repaired a swing gate closure for a railroad crossing of the levee.  
*(Complete)*
- Structural MR-2 – Project removed a section of floodwall and was replaced with an earthen levee section. Other encroachments near the area of the wall were also removed.  
*(Complete)*
- Drainage MR-2 – Project rehabilitated deteriorating levee drainage structure pipes. Work was interrupted by high river levels in the Missouri River and continues to be delayed.  
*(Construction is Substantially Complete)*
- PFE Pump Station Abandonment – Project demolished a deteriorated pump station structure, removed the associated gate well structure, and abandoned underground piping.  
*(Complete)*



