



STATE OF IOWA FLOOD MITIGATION PROGRAM PROGRESS REPORT

PERIOD COVERED BY THIS REPORT: 11/1/2022 to 4/30/2023
 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	\$ 12,702,134	\$ 19,780,219	\$ 55,283,738
PROJECT OVERRUN/ (UNDERRUN):	\$ 1,385	\$ (21,497,866)	\$ (37,219,781)	\$ (58,716,262)
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				42%
The estimated cost of the project at completion (which may even exceed the awarded amount)				\$ 130,000,000

Type of Expense & Funding Source	Budget (from Application)	Federal/ Local/State	Total Expended to Date	Remaining Balance
CDBG Flood-125 West Broadway	\$ 2,400,000			
IEDA CDBG Multi-Family Unit Production Rental Disaster Recovery Fund		Federal/	\$ 2,400,630	
			\$ -	
TOTAL			\$ 2,400,630	\$ (630)
USACE 2011 Flood Fight and Rehabilitation	\$ 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)
Industrial Park Levee Accreditation	\$ 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)
Levee Accreditation Engineering Analysis	\$ 1,900,000			
City of Council Bluffs Local Option Sales Tax		Local	\$ 614,324	
		State	\$ 1,533,279	
TOTAL			\$ 2,147,603	\$ (247,603)
Levee System Improvements & Accreditation	\$ 50,000,000			

City of Council Bluffs Local Option Sales Tax		Local	\$ 3,079,655	
		State	\$ 18,246,940	
TOTAL			\$ 21,326,595	\$ 28,673,405
Indian Creek Channel Rehabilitation	\$ 32,800,000			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 32,800,000
Total Project Budget Summary			\$ 55,283,738	\$ 58,716,262

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	\$ 19,780,218.95
City of Council Bluffs /Local Non-Public		\$ 34,200,000		\$ 12,702,134.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
Total Project Funding Source	\$ 22,800,000	\$ 34,200,000	\$ 57,000,000	\$ 55,283,737.95

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
	\$ -
	\$ -
Total Non-Public Investment	\$ 7,563,263

Project Status- entire project (Check One)	Description of significant activities this semi-annual term . 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, Harrah's encroachment	12/31/2018	12/31/2018
4	Drainage MR-2, Alignment A Accreditation package	12/31/2019	12/31/2019
5	Geotech MR-5, Relief Well Maintenance, Sand Dredging	12/31/2020	12/31/2020
6	Geotech MR-3, Geotech MR-4	12/31/2021	12/31/2021
7	Alignment A Accreditation, M2.1 Seepage Berm, Relief Wells	12/31/2022	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: 5/4/2023

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 S. Cox - Public Works Director

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.

Recent and continued tasks by the City of Council Bluffs include construction of levee improvements; project design development; Mosquito Creek H&H study; Indian Creek detailed survey; coordination with IDNR regarding borrow material; USACE permit reviews; land appraisals; 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 payment amount. During the previous period, expenses were greater than the reimbursement.

Two improvement projects (MR-8 and MR-9) have been awarded, and most of the work is anticipated to be completed during the summer of 2023, which will result in increased spending. The combined total for the two projects is approximately \$3M.

Total Expenses (Apr 2023) = \$55,283,738

Total Expenses (Oct 2022) = \$54,716,029

\$ 567,709 (additional expenses during reporting period)

Total IFMP Reimbursements (Oct 2022) = \$19,780,219

Total IFMP Reimbursements (Apr 2022) = \$17,580,508

\$ 2,199,711 (Reimbursements during reporting period)
(One payment received)

\$2,199,711 - \$567,709 = \$1,632,002 (additional revenue beyond expenses during the reporting period)

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 accepted by FEMA.
(Complete)
- Geotech MC-1 and MC-2 – Projects will resolve levee seepage and slope stability deficiencies along Mosquito Creek.
(Engineering agreement has been approved and geotechnical study is underway)
- 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 and MR-4 – Project resolved levee seepage and slope stability deficiencies.
(Complete)
 - Geotech MR-5 – Project constructs a seepage berm and existing relief wells will be abandoned.
(Complete)
- Geotech MR-6 – Project constructs a seepage berm and existing relief wells will be abandoned. (Project is at 95% Design with coordination for ROW underway, USACE Section 408 and 404 permits have been in review for over a year)*
- Geotech MR-7 – Project replaced the existing relief well system and re-graded the berm to meet underseepage requirements.
(Complete)
 - Geotech MR-8 – Project constructs a seepage berm with existing relief wells to be abandoned.
(Project has been bid and contract awarded. Construction is expected to begin in May 2023.)
 - Geotech MR-9 – Project constructs a seepage berm with existing relief wells to be abandoned.
(Project has been bid and contract awarded. Construction is expected to begin in June 2023.)
 - M2.1 Seepage Berm – Project improved a levee drainage pipe and constructed a seepage berm.
(Complete)
 - 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.
(Complete)
 - PFE Pump Station Abandonment – Project demolished a deteriorated pump station structure, removed the associated gate well structure, and abandoned underground piping.
(Complete)
 - Relief Well Cleaning and Testing – Maintenance project ensures that the well system is working as designed and in compliance with certification documentation.
(Complete)

- Drainage Structure Inspections – System-wide program for over 21,000 linear feet of inspection and associated cleaning of gravity storm sewer pipes and boxes, and force main storm sewer pipes within the levee system.
(Work is underway)



M2.1 Seepage Berm