



STATE OF IOWA FLOOD MITIGATION PROGRAM PROGRESS REPORT

PERIOD COVERED BY THIS REPORT: 5/1/2020 to 10/31/2020
 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	\$ 9,833,464	\$ 13,231,772	\$ 45,866,621
PROJECT OVERRUN/ (UNDERRUN):	\$ 1,385	\$ (24,366,536)	\$ (43,768,228)	\$ (68,133,379)
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				34%
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	\$ 210,985	
		State	\$ 11,698,493	
TOTAL			\$ 11,909,478	\$ 38,090,522
Indian Creek Channel Rehabilitation	\$ 32,800,000			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 32,800,000
Total Project Budget Summary			\$ 45,866,621	\$ 68,133,379

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	\$ 13,231,771.52
City of Council Bluffs /Local Non-Public		\$ 34,200,000		\$ 9,833,464.00
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
Total Project Funding Source	\$ 22,800,000	\$ 34,200,000	\$ 57,000,000	\$ 45,866,620.52

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	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: 11/12/2020

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

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 responding to comments from FEMA reviewers on the Alignment A certification package; completion of Geotech MR-5 project; substantial completion of the IDNR dredging project to produce berm material; detailed design development; project permitting; ROW acquisition; construction of improvements; 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. However, spending increased from the last period and is close to the revenue amount.

Total Expenses (Oct 2020) = \$45,866,621

Total Expenses (Apr 2020) = \$44,699,885

\$ 1,166,736 (additional expenses during reporting period)

IFMP Reimbursements (Oct 2020) = \$13,231,772

IFMP Reimbursements (Apr 2020) = \$11,899,829

\$ 1,331,943 (additional reimbursements during reporting period)

(One payment received, 5/22/2020)

\$1,331,943 - \$1,166,736 = \$165,207 (additional revenue beyond expenses during the reporting period)

Local Expenses (Apr 2020) = \$9,998,671 - \$165,207 = \$9,833,464 = Local Expenses (Oct 2020)

The joint project with the City and the Iowa DNR to share in the cost of dredging material from Lake Manawa is now substantially complete. The outstanding balance to be paid by the City is approximately \$1,009,415. There are also three significant projects that are now in the design phase. The combined cost of this work is over \$16,000,000. As these large projects are able to proceed, the Local cost share will increase significantly.

The flood events of 2018 and 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 with ongoing resolution of comments)

- 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. ROW acquisition is complete. Project to be combined with MR-3 and bid early 2021.)
- 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. Project to be combined with MR-3 and bid early 2021.)
- Geotech MR-5 – Project constructs a seepage berm and existing relief wells will be abandoned.
(Complete)
- 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.
(Projects are at 30% Design)
- 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.
(Cleaning and testing is complete. Construction of two new wells is underway)



