



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

PERIOD COVERED BY THIS REPORT: 5/1/2019 to 10/31/2019
 LOCAL CONTACT NAME: Calvin Miller
 GOVERNMENTAL ENTITY: City of Des Moines & DMWRA
 ADDRESS: 400 Robert D. Ray Drive
 Des Moines, IA 50309
 TELEPHONE NUMBER: 515-283-4748
 PROJECT TITLE: Des Moines-WRA Flood Mitigation Project
 AGREEMENT NUMBER: 2015-1
 ACTIVITY COMPLETION TIMEFRAME: 12/4/2013 to 12/31/2033

	FEDERAL	LOCAL	STATE (STIF only)	TOTAL
TOTAL FUNDS APPROVED:	\$ 130,270,434	\$ 67,239,013	\$ 111,100,273	\$ 308,609,720
TOTAL FUNDS EXPENDED TO DATE:	\$ 128,213,355	\$ 77,993,420	\$ 18,331,920	\$ 224,538,695
PROJECT OVERRUN/ (UNDERRUN):	\$ (2,057,079)	\$ 10,754,407	\$ (92,768,353)	\$ (84,071,025)
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				73%
The estimated cost of the project at completion (which may even exceed the awarded amount)				\$ 319,036,400

Type of Expense & Funding Source	Budget (from Application)	Federal/ Local/ State (STIF only)	Total Expended to Date	Remaining Balance
Acquisitions	\$ 880,880			
		Local	\$ 377,164	
Phase III ROW in progress.				
DM River Levee Interior Drainage Phase I		State FMP	\$ 103,581	
DM River Levee Improvement Phase I		State FMP	\$ -	\$ 350,000
Phase IV ROW in progress.				
DM River Levee Interior Drainage Phase II		State FMP	\$ 9,433	\$ -
TOTAL State FMP			\$ 113,014	\$ 350,000
TOTAL			\$ 490,178	\$ 390,702
Management Costs	\$ 9,041,877			
Management		Local	\$ 9,041,877	
TOTAL			\$ 9,041,877	\$ -
Construction:	\$ 231,112,305			
Phase I Construction Complete		CDBG	\$ 11,517,037	
		Army Corp of Engineers	\$ 13,108,000	
		Federal DOT	\$ 2,849,000	
		State DOT	\$ 726,071	
		I-JOBS	\$ 7,476,588	

		SRF - Clean Water	\$ 100,086,397	
		In-Kind Contribution	\$ 4,058,540	
		Local	\$ 38,529,067	
Phase II Construction Complete				
	Fourmile Sponsored Project	SRF - Clean Water	\$ 652,920	\$ -
Phase III Construction Complete				
	Red Bridge Re-Elevation	State FMP	\$ 2,291,932	\$ -
Phase III Construction in Progress:				
	Downtown Closures	State FMP	\$ 1,617,165	\$ 245,000
	DM River Levee Improvement Phase I	State FMP	\$ 369,654	\$ 30,276,895
	DM River Levee Interior Drainage Phase I	State FMP		\$ 14,355,500
Phase IV Construction in Progress:				
	DM River Levee Interior Drainage Phase II	State FMP	\$ 5,564,877	\$ 2,682,645
	TOTAL State FMP		\$ 9,843,627	\$ 33,204,540
	TOTAL		\$ 188,847,247	\$ 42,265,058
Design	\$ 34,384,638			
	Phase I Design Complete	Local	\$ 15,898,402	\$ -
	Phase II Design Complete	Local	\$ 1,557,985	\$ -
Phase III Design Complete				
	Red Bridge Re-Elevation	State FMP	\$ 179,486	\$ -
	Stantec Consultant Services - Hydraulic Modeling, Ext	State FMP	\$ 2,066,384	\$ -
Phase III Design in progress.				
	WRA Ingersoll Run	State FMP	\$ 258,483	
	WRF Flood Improvements	State FMP	\$ 1,069,225	
	Downtown Closures	State FMP	\$ 108,062	\$ 3,578
	DM River Levee Improvement Phase I	State FMP	\$ 2,742,540	\$ 1,174,946
	DM River Levee Interior Drainage Phase I	State FMP	\$ 1,185,383	\$ 156,817
	Des Moines River Upstream Mitigation Study	Local	\$ 327,726	\$ 127,270
Phase IV Design in progress.				
	DM River Levee Interior Drainage Phase II	State FMP	\$ 765,716	\$ 180,283
	TOTAL State FMP		\$ 8,375,279	\$ 1,515,624
	TOTAL		\$ 26,159,392	\$ 8,225,246
City Financing Interest:	\$ 29,115,510			
		NA	\$ -	
	TOTAL		\$ -	\$ 29,115,510

WRA Financing Interest:	\$ 4,074,510			
		NA	\$ -	
TOTAL			\$ -	\$ 4,074,510
Total Project Budget Summary	\$ 308,609,720		\$ 224,538,693	\$ 84,071,026

FUNDING SOURCE:	FEDERAL (from Application)	LOCAL (from Application)	STATE (from Application)	Total Expended to Date
CDBG	\$ 11,517,038			\$ 11,517,038
US Army Corp of Engineers	\$ 14,808,000			\$ 13,108,000
Federal DOT	\$ 2,849,000			\$ 2,849,000
Iowa DOT		\$ 726,071		\$ 726,071
I-Jobs		\$ 7,476,588		\$ 7,476,588
SRF- Clean Water	\$ 101,096,396			\$ 100,739,317
Local In-Kind Contribution		\$ 4,058,540		\$ 4,058,540
Local		\$ 54,977,814		\$ 65,732,221
Iowa Flood Mitigation Program			\$ 111,100,273	\$ 18,331,920
Total Project Funding Source	\$ 130,270,434	\$ 67,239,013	\$ 111,100,273	\$ 224,538,695

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
Various Entities within the City of Des Moines	\$ 30,281,706
	\$ -
	\$ -
Total Non-Public Investment	\$ 30,281,706

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	Please see attached.

Application Work Schedule (Milestones)			Milestone Status
#	Description:	Submitted Completion Date:	Actual Completion Date:
1	Phase I	12/31/2015	7/1/2016
2	Phase 2	12/31/2016	4/17/2018
3	Phase 3	12/31/2019	
4	Phase 4	12/31/2024	
5			
6			
7			
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14			

Person Completing this Report: Calvin Miller, Engineering Administrative Manger

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.

Signature on file


Signature of Authorized Representative or Governmental Entity

Calvin Miller, Engineering Administrative Manager

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.

The WRF Flood Improvements Project consists of 1) construction of a flood wall around the existing main pump station at WRF to protect against flooding caused by stormwater and/or breach of the levee. The existing electrical power transformer for the main pump station will be replaced and raised to a higher elevation to protect against potential flooding; 2) construction of a new building to house new electrical switch gear and emergency power generators for the treatment plant to permit treatment operations to continue in the event of a power outage. The floor elevation of the new building will be elevated several feet to provide additional flood protection. The design is 100% complete. Bid will be in spring of 2020 with construction starting in summer of 2020.

The WRA Ingersoll Run Outlet project includes approximately 10,000 linear feet of 60-inch to 66-inch diameter combined sewer conduit for conveying floodwater from the downtown Des Moines area to the WRA Combined Sewer Solids Separation Facility located at the Des Moines Metropolitan Wastewater Reclamation Facility. Design for this project is currently 30% complete.

Des Moines Levee Alterations - Phase A - Design has been submitted to the US Army Corps of Engineers for Section 408 Approval.

SE 4th and Van Buren Storm Water Pump Station Improvements project is approximately 86% complete. This is due to high water events that were experienced in 2019. Expected completion is in spring of 2020. Please see following photos.



