



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

PERIOD COVERED BY THIS REPORT: 5/1/2019 to 10/31/2019
 LOCAL CONTACT NAME: Jim Ferneau
 GOVERNMENTAL ENTITY: City of Burlington
 ADDRESS: 400 Washington Street
 Burlington, IA 52601
 TELEPHONE NUMBER: 319.753.8120
 PROJECT TITLE: Burlington Flood Mitigation Project
 AGREEMENT NUMBER: 2015-0
 ACTIVITY COMPLETION TIMEFRAME: 4/13/2015 to 12/31/2023

	FEDERAL	LOCAL	STATE (STIF only)	TOTAL
TOTAL FUNDS APPROVED:	\$ 17,036,693	\$ 20,982,542	\$ 26,200,000	\$ 64,219,235
TOTAL FUNDS EXPENDED TO DATE:	\$ 8,113,500	\$ 4,497,316	\$ 8,099,427	\$ 20,710,243
PROJECT OVERRUN/ (UNDERRUN):	\$ (8,923,193)	\$ (16,485,226)	\$ (18,100,573)	\$ (43,508,992)
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				38%
The estimated cost of the project at completion (which may even exceed the awarded amount)				\$ 64,219,235

Type of Expense & Funding Source	Budget (from Application)	Federal/ Local/ State (STIF only)	Total Expended to Date	Remaining Balance
Phase I- Hawkeye Equalization Tanks	\$ 3,851,000			
SRF		Federal	\$ 3,851,000	
			\$ -	
TOTAL			\$ 3,851,000	\$ -
Phase II- Water Works System	\$ 1,511,000			
SRF		Federal	\$ 1,511,000	
			\$ -	
TOTAL			\$ 1,511,000	\$ -
Phase III- Cascade Watershed	\$ 2,854,920			
Cascade Sewer Study		Local	\$ 609,016	
Cascade Sewer Separation Phase I		Local	\$ 1,919,307	
Cascade Sewer Separation Phase II		Federal	\$ 797,389	
Cascade Sewer Separation Phase III		Local	\$ 867,116	
TOTAL			\$ 4,192,828	\$ (1,337,908)
Phase IV- MASL Watershed Sewer	\$ 22,629,543			
SRF P&D Loan		Federal	\$ 1,308,957	
SRF Construction Phase		Federal	\$ 627,467	
CDBG Construction		Federal	\$ 17,687	
Additional Work for MASL		Local	\$ 1,101,877	
TOTAL			\$ 3,055,988	\$ 19,573,555
Phase V- South Side of Market to	\$ 5,818,894			
Engineering		State	\$ 943,194	
Construction		State	\$ 6,507,343	
TOTAL			\$ 7,450,537	\$ (1,631,643)

Phase VI- South Side of Market to	\$ 5,669,723			
Engineering		State	\$ 163,750	
Construction		State		
TOTAL			\$ 163,750	\$ 5,505,973
Phase VII- Tieback Wall on Market	\$ 5,119,348			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 5,119,348
Phase VIII- MASL Detention Storage	\$ 4,500,000			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 4,500,000
Phase IX- WWTP and Railroad Yard	\$ 8,354,877			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 8,354,877
Bond Interest and Financing Costs	\$ 3,909,930			
Phase V 2017 borrowing		state	\$ 394,197	
Phase V 2018 borrowing		State	\$ 90,943	
TOTAL			\$ 485,140	\$ 3,424,790
Total Project Budget Summary	\$ 64,219,235		\$ 20,710,243	\$ 43,508,992
FUNDING SOURCE:	FEDERAL (from Application)	LOCAL (from Application)	STATE (STIF only) (from Application)	Total Expended to Date
SRF Funding- Hawkeye Equal Tank	\$ 3,851,000			\$ 3,851,000
SRF Funding- Water System Improvement	\$ 1,511,000			\$ 1,511,000
SRF Funding- MASL P&D	\$ 1,000,000			\$ 1,308,957
Local Funding- Cascade Sewer Sep.	\$ -			\$ 867,116
SRF Funding- Cascade Sewer Sep.	\$ 1,001,920			\$ 797,389
SRF Funding- Future MASL Sewer Sep	\$ 9,672,773			\$ 627,467
Downtown Riverfront Flood Mitigation		\$ 2,672,772	\$ 26,200,000	\$ 8,099,427
Cascade Sewer Study		\$ 593,000		\$ 609,016
Cascade Separation Project Phase I		\$ 1,260,000		\$ 1,919,307
MASL Sewer Sep. 2016-2022		\$ 16,456,770		\$ 1,101,877
CDBG Funding-MASL				\$ 17,687
				\$ -
				\$ -
				\$ -
				\$ -
Total Project Funding Source	\$ 17,036,693	\$ 20,982,542	\$ 26,200,000	\$ 20,710,243
Indebtedness Incurred (Bonds, etc.)	Rate of Interest	Length of Term (start & end)	Costs of Issuance	Net Proceeds
Phase V 2017 borrowing	3.00%	4/13/17-6/1/28	\$ 62,383	\$ 5,006,508
Phase V 2018 borrowing	3.00%	5/1/18-6/1/32	\$ 28,380	\$ 1,900,000
	0.00%		\$ -	\$ -

NON-PUBLIC INVESTMENT - Entity	Total to Date
Private Investment in Project Area (from building permits and Downtown Partners, Inc.'s monitoring)	\$ 17,709,052
	\$ -
	\$ -
Total Non-Public Investment	\$ 17,709,052

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	We are still waiting on substantial completion on Phase V of flood wall - there is some additional caulking that needs completed, but floodwater is preventing this from occurring. There are only minor issues we have to clear up - the project is complete other than these and have been for awhile. We have begun engineering design work on Phase VI at this time.

Application Work Schedule (Milestones)			Milestone Status
#	Description:	Submitted Completion Date:	Actual Completion Date:
1	Phase I- Hawkeye Equalization Tanks, Phase II- Water Works	12/31/2009	12/31/2009
2	Phase III- Cascade Watershed Separation Project	12/31/2016	5/31/2017
3	Phase IV- MASL Watershed Sewer Separation Project	12/31/2022	
4	Phase V- South Side of Market to North of Port Building	12/31/2017	
5	Phase VI- South Side of Market to Rail Yard w/Market Street	12/31/2020	
6	Phase VII- Tieback Wall on Market and Pump	12/31/2022	
7	Phase VIII- MASL Detention Storage	12/31/2023	
8	Phase IX- WWTP and Railroad Yard Closures	12/31/2023	
9			
10			
14			

Person Completing this Report:

Jim Ferneau

Date:

11/15/2019

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

Jim Ferneau, City 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.

Description of significant activities of 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.

Phase V, moving in to Phase VI

Phase V of the project is functionally complete, though we are still waiting for substantial completion. We have released almost all retainage, but are holding approximately \$10,000 while we wait for some final caulking to be completed on the outside of the wall. Soon after our last progress report, we had our heso barriers fail just as we reached our peak crest of the season. We have been in cleanup mode since that time, and have seen close to \$1 million in protection, cleanup, and repair costs as we move through the FEMA process for reimbursement. The next phase of the project, which is installing the tie back at both the north and south end of the existing wall from Phase 5 across the railroad tracks, is well along the design phase as we are still on schedule to go out to bid in early spring 2020. Phase VI will tie back at both the north and south end across the railroad tracks. We have begun design work during this 6 month reporting period. We plan on being ready to go out to bid over the winter, 2019-20. The following pictures show our hescoes in place early spring of 2019, the first picture at the south end, where the hescoes breached, and the final picture at the north end. This next phase, Phase VI, will eliminate a significant amount of the danger we still face from continuing flooding.





MASL Sewer Separation

Engineering for the Locust Basin is complete. We completed environmental reviews and went out to bids this spring. The Locust basin, with a preliminary estimated of \$5.6M for project costs including contingency, was awarded to the low bid company, FYE Excavating, for approximately \$6.2M without contingencies. Our overall project costs, including engineering, for this phase of the project are now anticipated to be \$8.5 Million. As discussed in previous reports, our current estimates for remaining portion of the MASL Sewer Separation work are currently approximately \$90 Million for construction costs. We have been working with Iowa DNR on a potential revision to our project schedule, which may see some of the MASL work completed on a delayed schedule from what was included in our grant application. FYE Excavating began work in June on the Locust Basin portion of the MASL project, as well as performing additional work within the Cascade Basin.

Private Investment

Private investment in the project area has amounted to \$17,709,052 as reported through Downtown Partners, Inc. since project inception. One major current project is the redevelopment of a building at the corner of 5th St and Valley St. The owners began the redevelopment of this building, anticipated to include approximately 35 upper story housing units. For perspective, our downtown area currently has about 200 upper story housing units, so this represents a significant new development in our downtown area. We also have a developer currently exploring the feasibility of a downtown hotel adjacent to the Memorial Auditorium, a project that could not be considered prior to the floodwall being begun. They may not move forward with this project, but even the exercise of studying the option represents the significance of the floodwall project for our downtown area.