



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

PERIOD COVERED BY THIS REPORT: 5/1/2021 to 10/31/2021
 LOCAL CONTACT NAME: Chad Bird
 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:	\$ 13,543,718	\$ 7,441,135	\$ 13,591,872	\$ 34,576,725
PROJECT OVERRUN/ (UNDERRUN):	\$ (3,492,975)	\$ (13,541,407)	\$ (12,608,128)	\$ (29,642,510)
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				44%
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	\$ 999,010	
TOTAL			\$ 4,324,722	\$ (1,469,802)
Phase IV- MASL Watershed Sewer	\$ 22,629,543			
SRF P&D Loan		Federal	\$ 1,308,957	
SRF Construction Phase		Federal	\$ 5,401,932	
CDBG Construction		Federal	\$ 600,000	
Locust Sponsored Project		Federal	\$ 73,440	
Additional Work for MASL		Local	\$ 3,913,802	
TOTAL			\$ 11,298,131	\$ 11,331,412
Phase V- South Side of Market to	\$ 5,818,894			
Engineering		State	\$ 914,848	
Construction		State	\$ 6,582,343	
TOTAL			\$ 7,497,191	\$ (1,678,297)

Phase VI- South Side of Market to	\$ 5,669,723			
Engineering		State	\$ 512,336	
Construction		State	\$ 4,490,794	
TOTAL			\$ 5,003,130	\$ 666,593
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	\$ 705,273	
Phase V 2018 borrowing		State	\$ 206,443	
Phase VI 2020 borrowing		State	\$ 179,835	
TOTAL			\$ 1,091,551	\$ 2,818,379
Total Project Budget Summary	\$ 64,219,235		\$ 34,576,725	\$ 29,642,510
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.	\$ -			\$ 999,010
SRF Funding- Cascade Sewer Sep.	\$ 1,001,920			\$ 797,389
SRF Funding- Future MASL Sewer Sep	\$ 9,672,773			\$ 5,401,932
Downtown Riverfront Flood Mitigation		\$ 2,672,772	\$ 26,200,000	\$ 13,591,872
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		\$ 3,913,802
CDBG Funding-MASL				\$ 600,000
SRF Sponsored Project - Locust				\$ 73,440
				\$ -
				\$ -
				\$ -
Total Project Funding Source	\$ 17,036,693	\$ 20,982,542	\$ 26,200,000	\$ 34,576,725
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
Phase VI 2020 borrowing	2.30%	5/6/18-6/1/34	\$ 81,280	\$ 4,200,000

NON-PUBLIC INVESTMENT - Entity	Total to Date
Private Investment in Project Area (from building permits and Downtown Partners, Inc.'s monitoring)	\$ 18,671,989
	\$ -
	\$ -
Total Non-Public Investment	\$ 18,671,989

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 type="checkbox"/>	On Schedule	Phase VI - South Side of Market to rail yard with Market Street was delayed due to the bidding process which caused a delay in the start of construction. It is 99% completed.
<input checked="" type="checkbox"/>	Delayed	
<input type="checkbox"/>	Canceled	
<input type="checkbox"/>	Completed	
<input type="checkbox"/>	Suspended	

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	12/31/2019
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:

Chad Bird

Date:

11/8/2021

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

Chad Bird, 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.

City of Burlington
Semi-annual / October 30, 2021

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 VI

Phase VI is substantially complete with only final close-out contract issues to complete. Phase VI of the flood wall included connecting the flood wall tiebacks at both the north and south ends from the riverfront west across the Burlington Shortline Railroad, including the installation of rail gate closures. Lower river levels this spring and summer helped allow construction to continue to completion. As may be seen in the pictures, the permanent walls, asphalt paving, and sidewalks are completed. Part of the project also includes aluminum panels which are placed on top of the concrete flood wall and in the access gaps on site will allow flood protection up to a river height of 28ft. The tiebacks to the west allow flood protection without Hesco Barriers until a river height of 21ft.







MASL Sewer Separation

Construction on the Locust Basin Project is approximately 95% complete. The city's overall project costs, including engineering, for this phase of the MASL project are now anticipated to be \$8.5 Million. As outlined in previous reports, current estimates for remaining portions of the MASL Sewer Separation work are approximately \$90 Million in construction costs. The city has been negotiating with the Iowa DNR on a potential revision to the project schedule, which may provide for some of the MASL work to be completed on an expanded schedule deviation from the original grant application. FYE Excavating began work in June 2019 on the Locust Basin Project portion of the MASL project and is anticipated to complete their work by summer of 2021.

Private Investment

Since project inception, private investment in the project area has amounted to \$18,671,989 as reported through Downtown Partners, Inc. One major current project is the redevelopment of a building at the corner of 5th Street and Valley Street, which was completed in October 2020. The owners have constructed approximately 35 upper story housing units. For perspective, the Burlington Downtown area currently has about 200 upper story housing units, this redevelopment represents a significant investment in Downtown.