



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

PERIOD COVERED BY THIS REPORT: 11/1/2022 to 4/30/2023  
 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:	\$ 14,138,436	\$ 11,978,237	\$ 14,707,113	\$ 40,823,786
<b>PROJECT OVERRUN/ (UNDERRUN):</b>	<b>\$ (2,898,257)</b>	<b>\$ (9,004,305)</b>	<b>\$ (11,492,887)</b>	<b>\$ (23,395,449)</b>
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				<b>50%</b>
The estimated cost of the project at completion (which may even exceed the awarded amount)				<b>\$ 64,219,235</b>

Type of Expense & Funding Source	Budget (from Application)	Federal/ Local/ State (STIF only)	Total Expended to Date	Remaining Balance
<b>Phase I- Hawkeye Equalization Tanks</b>	\$ 3,851,000			
SRF		Federal	\$ 3,851,000	
			\$ -	
TOTAL			\$ 3,851,000	\$ -
<b>Phase II- Water Works System</b>	\$ 1,511,000			
SRF		Federal	\$ 1,511,000	
			\$ -	
TOTAL			\$ 1,511,000	\$ -
<b>Phase III- Cascade Watershed</b>	\$ 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)
<b>Phase IV- MASL Watershed Sewer</b>	\$ 22,629,543			
SRF P&D Loan		Federal	\$ 1,308,957	
SRF Construction Phase		Federal	\$ 5,996,650	
CDBG Construction		Federal	\$ 600,000	
Locust Sponsored Project		Federal	\$ 73,440	
Additional Work for MASL		Local	\$ 8,450,904	
TOTAL			\$ 16,429,951	\$ 6,199,592
<b>Phase V- South Side of Market to</b>	\$ 5,818,894			
Engineering		State	\$ 914,848	
Construction		State	\$ 6,582,343	
TOTAL			\$ 7,497,191	\$ (1,678,297)

<b>Phase VI- South Side of Market to</b>	\$ 5,669,723			
Engineering		State	\$ 513,129	
Construction		State	\$ 4,942,077	
TOTAL			\$ 5,455,206	\$ 214,517
<b>Phase VII- Tieback Wall on Market</b>	\$ 5,119,348			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 5,119,348
<b>Phase VIII- MASL Detention Storage</b>	\$ 4,500,000			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 4,500,000
<b>Phase IX- WWTP and Railroad Yard</b>	\$ 8,354,877			
			\$ -	
			\$ -	
TOTAL			\$ -	\$ 8,354,877
<b>Bond Interest and Financing Costs</b>	\$ 3,909,930			
Phase V 2017 borrowing		state	\$ 938,581	
Phase V 2018 borrowing		State	\$ 293,068	
Phase VI 2020 borrowing		State	\$ 523,067	
TOTAL			\$ 1,754,716	\$ 2,155,214
<b>Total Project Budget Summary</b>	<b>\$ 64,219,235</b>		<b>\$ 40,823,786</b>	<b>\$ 23,395,449</b>
<b>FUNDING SOURCE:</b>	<b>FEDERAL</b> (from Application)	<b>LOCAL</b> (from Application)	<b>STATE (STIF only)</b> (from Application)	<b>Total Expended to Date</b>
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			\$ 5,996,650
Downtown Riverfront Flood Mitigation		\$ 2,672,772	\$ 26,200,000	\$ 14,707,113
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		\$ 8,450,904
CDBG Funding-MASL				\$ 600,000
SRF Sponsored Project - Locust				\$ 73,440
				\$ -
				\$ -
				\$ -
<b>Total Project Funding Source</b>	<b>\$ 17,036,693</b>	<b>\$ 20,982,542</b>	<b>\$ 26,200,000</b>	<b>\$ 40,823,786</b>
<b>Indebtedness Incurred</b> (Bonds, etc.)	<b>Rate of Interest</b>	<b>Length of Term</b> (start & end)	<b>Costs of Issuance</b>	<b>Net Proceeds</b>
<b>Phase V 2017 borrowing</b>	3.00%	4/13/17-6/1/28	\$ 62,383	\$ 5,006,508
<b>Phase V 2018 borrowing</b>	3.00%	5/1/18-6/1/32	\$ 28,380	\$ 1,900,000
<b>Phase VI 2020 borrowing</b>	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
	\$ -
	\$ -
<b>Total Non-Public Investment</b>	<b>\$ 18,671,989</b>

Project Status- entire project (Check One)		Description of significant activities this <b>semi-annual term</b> . 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	Project segments have been delayed due to extensive work on the City's EPA Consent Decree for sanitary / storm sewer system separation work. Also, supply chain and construction industry delays such as labor shortages due to the pandemic.
<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	delayed
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	8/1/2022
6	Phase VII- Tieback Wall on Market and Pump	12/31/2022	delayed
7	Phase VIII- MASL Detention Storage	12/31/2023	delayed
8	Phase IX- WWTP and Railroad Yard Closures	12/31/2023	delayed
9			
10			
14			

Person Completing this Report: Chad Bird

Date: 5/12/2023

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

Chad Bird, City Manager

Name of Authorized Representative or Governmental Entity

<b>Instructions to complete this form</b>	
Areas shaded <span style="background-color: #d9ead3; border: 1px solid black; display: inline-block; width: 15px; height: 15px; vertical-align: middle;"></span>	are to be completed by State HSEMD Personnel.
Areas shaded <span style="background-color: #d9ead3; border: 1px solid black; display: inline-block; width: 15px; height: 15px; vertical-align: middle;"></span>	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 VI

Phase VI is complete with the contract closed out. Construction started in October 2020. This phase of the flood wall, includes 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. Low river levels during construction season allowed for a decent pace of construction. As seen in the pictures, the permanent walls are the concrete walls that will protect to a river height of 22ft. Then aluminum panels to go on top of the wall and in the access gaps on site will allow flood protection up to a river height of 28ft. With the completion of this project, flood protection activities will start at 18.5ft. This is a two-foot river height improvement prior to the project.

Public Works Staff installed temporary aluminum panels into the gaps of the floodwall for the current flooding. A couple of pictures are inserted into this document.





### MASL Sewer Separation

Sewer Separation in the Market sub-basin is complete with work associated with the TIGER grant project. The City Council hired Stanley Associates, Inc. to begin design work that will provide sewer separation and reduced environmental liability. This project has been titled Mississippi River Interceptor Relocation. The total estimated cost for this project is \$20 million.

Construction on the Locust Basin is complete. Our overall project costs, including engineering, for this phase of the MASL 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 2019 on the Locust Basin portion of the MASL project, and substantial completion was completed in fall of 2021.

### Private Investment

Private investment in the project area has amounted to \$18,671,989 as reported through Downtown Partners, Inc. since project inception. One major current project is the redevelopment of a building at the corner of 5<sup>th</sup> St and Valley St, which was completed in October 2020. The owners have constructed 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.