



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

PERIOD COVERED BY THIS REPORT: 5/1/2018 to 10/31/2018  
 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:	\$ 7,440,387	\$ 2,238,264	\$ 7,469,477	\$ 17,148,128
<b>PROJECT OVERRUN/ (UNDERRUN):</b>	<b>\$ (9,596,306)</b>	<b>\$ (18,744,278)</b>	<b>\$ (18,730,523)</b>	<b>\$ (47,071,107)</b>
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				<b>35%</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	\$ 593,000	
Cascade Sewer Separation Phase I		Local	\$ 1,260,000	
Cascade Sewer Separation Phase II		Federal	\$ 783,332	
Cascade Sewer Separation Phase III		Local	\$ 385,264	
TOTAL			\$ 3,021,596	\$ (166,676)
<b>Phase IV- MASL Watershed Sewer</b>	\$ 22,629,543			
SRF P&D Loan		Federal	\$ 1,295,055	
			\$ -	
TOTAL			\$ 1,295,055	\$ 21,334,488
<b>Phase V- South Side of Market to</b>	\$ 5,818,894			
Engineering		State	\$ 943,194	
Construction		State	\$ 6,253,226	
TOTAL			\$ 7,196,420	\$ (1,377,526)

<b>Phase VI- South Side of Market to Rail</b>	\$ 5,669,723			
			\$ -	
			\$ -	
<b>TOTAL</b>			\$ -	\$ 5,669,723
<b>Phase VII- Tieback Wall on Market</b>	\$ 5,119,348			
			\$ -	
			\$ -	
<b>TOTAL</b>			\$ -	\$ 5,119,348
<b>Phase VIII- MASL Detention Storage</b>	\$ 4,500,000			
			\$ -	
			\$ -	
<b>TOTAL</b>			\$ -	\$ 4,500,000
<b>Phase IX- WWTP and Railroad Yard</b>	\$ 8,354,877			
			\$ -	
			\$ -	
<b>TOTAL</b>			\$ -	\$ 8,354,877
<b>Bond Interest and Financing Costs</b>	\$ 3,909,930			
Phase V 2017 borrowing		state	\$ 244,677	
Phase V 2018 borrowing		State	\$ 28,380	
			\$ -	
<b>TOTAL</b>			\$ 273,057	\$ 3,636,873
<b>Total Project Budget Summary</b>	<b>\$ 64,219,235</b>		<b>\$ 17,148,128</b>	<b>\$ 47,071,107</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			\$ 1,295,055
Local Funding- Cascade Sewer Sep.	\$ -			\$ 385,264
SRF Funding- Cascade Sewer Sep.	\$ 1,001,920			\$ 783,332
SRF Funding- Future MASL Sewer Sep	\$ 9,672,773			\$ -
Downtown Riverfront Flood Mitigation		\$ 2,672,772	\$ 26,200,000	\$ 7,469,477
Cascade Sewer Study		\$ 593,000		\$ 593,000
Cascade Separation Project Phase I		\$ 1,260,000		\$ 1,260,000
MASL Sewer Sep. 2016-2022		\$ 16,456,770		\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
<b>Total Project Funding Source</b>	<b>\$ 17,036,693</b>	<b>\$ 20,982,542</b>	<b>\$ 26,200,000</b>	<b>\$ 17,148,128</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%	<b>4/13/17-6/1/28</b>	\$ 62,383	\$ 5,006,508
<b>Phase V 2018 borrowing</b>	3.00%	<b>5/1/18-6/1/32</b>	\$ 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)	\$ 15,599,960
	\$ -
	\$ -
<b>Total Non-Public Investment</b>	<b>\$ 15,599,960</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 checked="" type="checkbox"/> On Schedule <input type="checkbox"/> Delayed <input type="checkbox"/> Canceled <input type="checkbox"/> Completed <input type="checkbox"/> Suspended	Phase V of the flood wall is not substantially complete. We have some wall components, grass, and trees that may need replacement, so we have not had final acceptance on the project.

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			
11			
12			
13			
14			

Person Completing this Report: Jim Ferneau

Date: 10/31/2018

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.

Jim Ferneau - City Manager

Signature of Authorized Representative or Governmental Entity

<b>Instructions to complete this form</b>	
Areas shaded <span style="display: inline-block; width: 10px; height: 10px; background-color: #d9ead3; border: 1px solid black;"></span>	are to be completed by State HSEMD Personnel.
Areas shaded <span style="display: inline-block; width: 10px; height: 10px; background-color: #f4cccc; border: 1px solid black;"></span>	are to be completed by the governmental entity or authorized administrator.

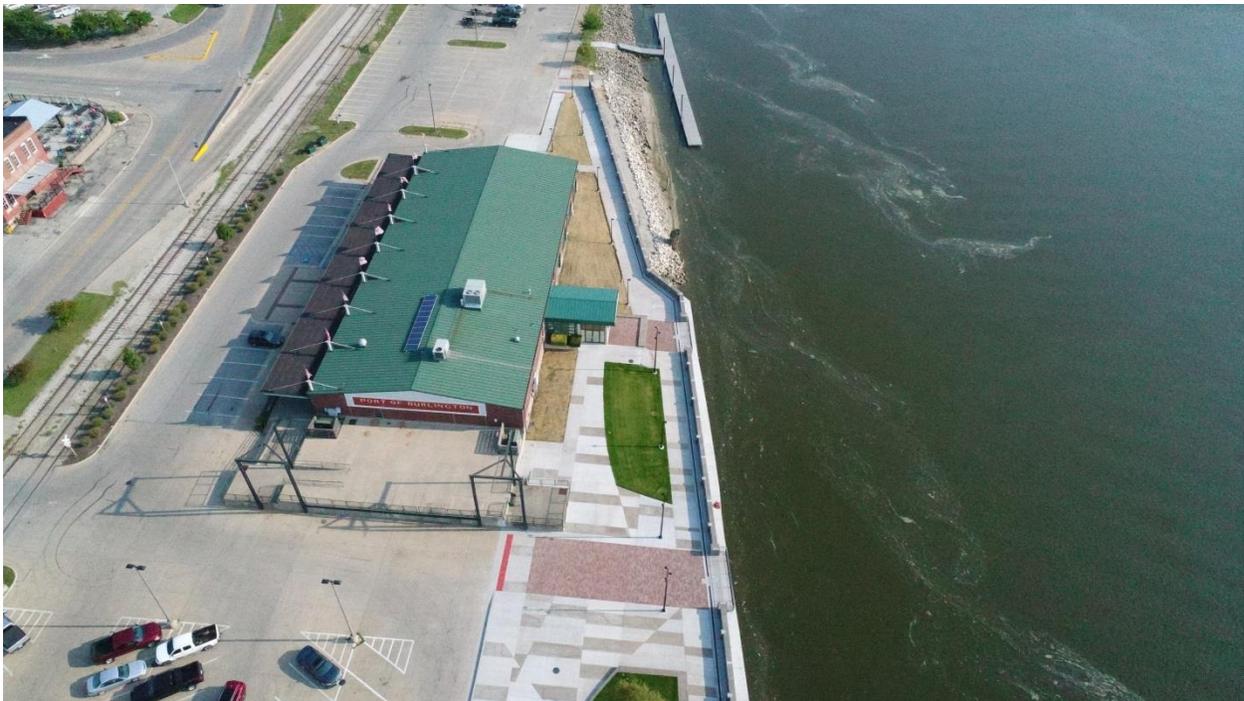
# Burlington Progress Report

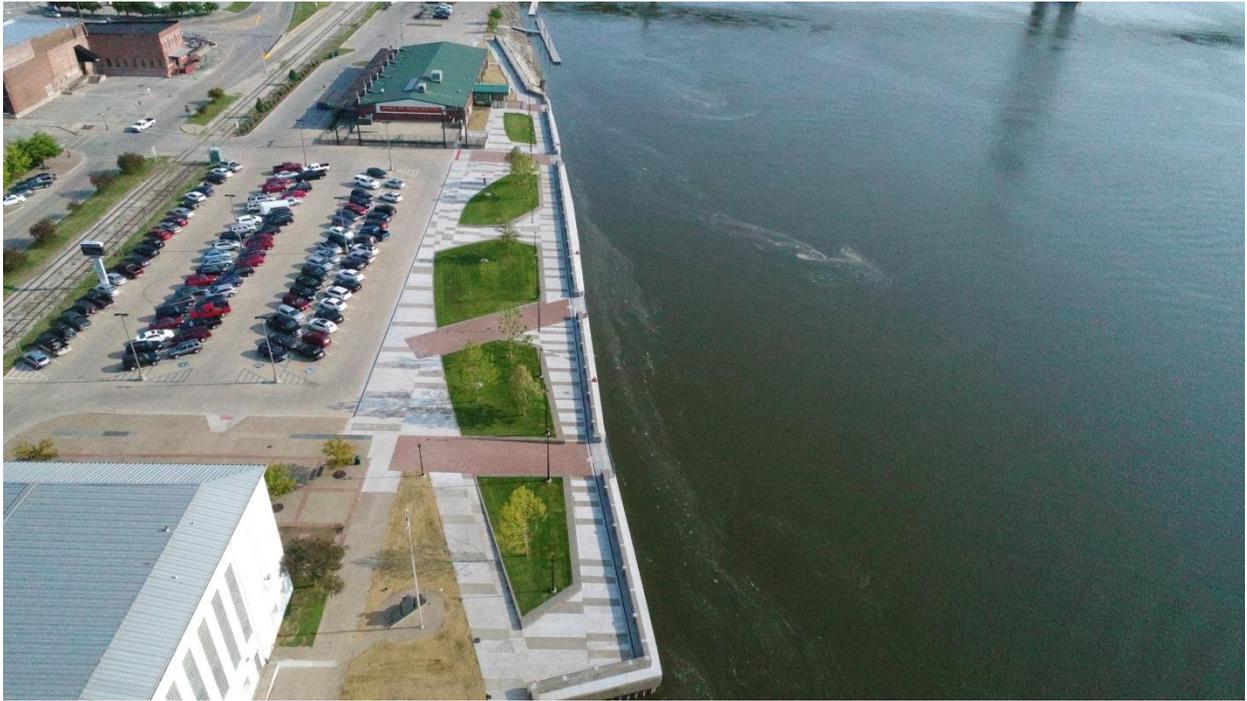
## Supporting Narrative

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

Phase V of the project is functionally complete, though we likely won't have substantial completion until Spring 2019. One tree may need replaced, and some sod as well. There is a valve at one of the storm sewer wet wells that needs addressed. We have some issues with leakage on seals and some cracked concrete that we want addressed. These issues were evident during our recent flood crest, as water was held back by the new wall for the first time. The Mississippi River parallel flood wall and removable wall is in place and functioning, and has been of great assistance as high water has been experienced multiple times over the summer, including the 12<sup>th</sup> highest historic crest this fall at approximately 19.5 feet. Below are pictures of the project from August 2018, and some additional photos from October showing the wall in usage.









### **MASL Sewer Separation**

Engineering for the Locust Basin is complete. We are currently waiting on environmental reviews to be approved. As discussed previously, new estimates for sewer separation range from \$50-\$75 million. 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.

### **Private Investment**

Private investment in the project area has amounted to \$15,599,960 as reported through Downtown Partners, Inc. since project inception.