STATE OF IOWA
FLOOD MITIGATION PROGRAM
PROGRESS REPORT

PERIOD COVERED BY THIS REPORT	11/1/2018	to	4/30/2019
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:	$ 7,642,673	$ 3,183,003	$ 8,043,406	$ 18,869,082
PROJECT OVERRUN/ (UNDERRUN):	**$ (9,394,020)**	**$ (17,799,539)**	**$ (18,156,594)**	**$ (45,350,153)**
The percentage of actual work that has been completed at the end of the reporting period (not a % of funds expended)				**37%**
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	$ 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)
Phase IV- MASL Watershed Sewer	$ 22,629,543			
SRF P&D Loan		Federal	$ 1,295,055	
SRF Additional Consulting/Eng. Phase 1		Federal	$ 202,286	
SRF Additional Construction Phase 1		Federal	$ -	
Advance Work for Phase 1 Engineering		Local	$ 327,202	
Advance Work for Phase 1 Construction		Local	$ 617,537	
			$ -	
TOTAL			$ 2,442,080	$ 20,187,463
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 Rail	$ 5,669,723			
Engineering		State	$ 29,647	
Construction		State	$ -	
TOTAL			$ 29,647	$ 5,640,076
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	$ 389,490	
Phase V 2018 borrowing		State	$ 173,732	
TOTAL			$ 563,222	$ 3,346,708
Total Project Budget Summary	**$ 64,219,235**		**$ 18,869,082**	**$ 45,350,153**

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			$ 1,295,055
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			$ 202,286
Downtown Riverfront Flood Mitigation		$ 2,672,772	$ 26,200,000	$ 8,043,406
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		$ 944,739
				$ -
				$ -
				$ -
				$ -
				$ -
Total Project Funding Source	**$ 17,036,693**	**$ 20,982,542**	**$ 26,200,000**	**$ 18,869,082**

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	$ 16,099,960
monitoring)	$ -
	$ -
Total Non-Public Investment	**$ 16,099,960**

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.
	X	On Schedule	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.
		Delayed	
		Canceled	
		Completed	
		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	
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: 5/14/2019

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.

Jim Ferneau - City Manager

Signature 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. Until we reach a point where the river level lowers and holds at a lower height below flood stage, we will likely continue to wait for the next couple of months. Other minor items that we were waiting for last fall have been completed at this time. At our last report, we noted that our flood wall held at our 12th highest crest of 19.5 feet. This spring, we have been as high as 23.7 feet, our fourth highest crest, and the portion of the flood wall installed in Phase V performed admirably. Our largest issue was associated with Hescoes used for temporary protection where Phase VI will install advanced flood protection, at both the north and southern ends of the riverfront protection installed in Phase V. 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.

Below are pictures from October showing the wall in usage, including the hesco barriers at the north and south ends that we plan to replace with a removable wall during Phase VI of the project:

58

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.

Private Investment

Private investment in the project area has amounted to $16,099,960 as reported through Downtown Partners, Inc. since project inception.

Tomb, Carol <carol.tomb@iowa.gov>

FW: Floodwall Pictures from the flood event

1 message

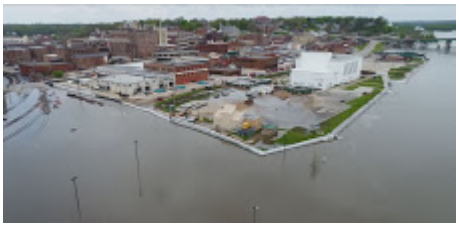
Jim Ferneau <FerneauJ@burlingtoniowa.org> Wed, May 15, 2019 at 9:02 AM
To: "Carol Tomb [HSEMD] (Carol.Tomb@iowa.gov)" <Carol.Tomb@iowa.gov>

Carol,

I know I submitted the report yesterday. I just received these three photos that were taken from a private individual's drone of the flood crest here a little over a week ago. They give a great picture of the Phase V flood wall in action, as well as the hescoe's in action that would be replaced in Phase VI of the project at the north and south ends.

Jim

3 attachments



aerial from video.jpg
136K

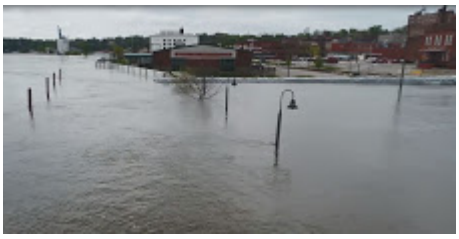


photo from video.jpg
96K

photo from video-2.jpg
114K