

IOWA DEPARTMENT OF HOMELAND SECURITY & EMERGENCY MANAGEMENT

Iowa Flood Mitigation Board Annual Report

2018



**V. Joyce Flinn
Director**

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Iowa Flood Mitigation Program

The Iowa Flood Mitigation Program was signed into law by Governor Terry Branstad in April 2012 as a mechanism to assist local governments in their efforts to break the cycle of damage, reconstruction, and repeated damage caused by flooding. The program strives to reduce or eliminate the risk from, and effects of, flooding by providing funds for flood mitigation projects that otherwise would not be funded.

To administer the Iowa Flood Mitigation Program, the 2012 law created the Iowa Flood Mitigation Board. The Board is comprised of four voting public members appointed by the governor, five voting members representing State agencies, four nonvoting ex officio members of the Iowa General Assembly, and one nonvoting ex officio member representing a State agency. The present membership is:

- Joyce Flinn, Chair, Director, Iowa Department of Homeland Security and Emergency Management
- Dr. Amy Kaleita, Vice Chair, public member
- Carolann Jensen, Interim Executive Director, Iowa Finance Authority
- Michael Naig, Secretary of Agriculture
- Lori McDaniel, on behalf of Acting Director Bruce Trautman, Department of Natural Resources
- Daniel Wasta, on behalf of Michael Fitzgerald, Treasurer of Iowa
- Jon Wolfe, on behalf of Director Courtney Kay-Decker, Iowa Department of Revenue
- Lorraine Glover, public member
- Ronald Herrig, public member
- John Torbert, public member

- Representative David Sieck, Iowa House of Representatives
- Representative Art Staed, Iowa House of Representatives
- Senator Rob Hogg, Iowa Senate
- Senator Ken Rozenboom, Iowa Senate

Administrative assistance is provided to the Board by the Iowa Department of Homeland Security and Emergency Management (HSEMD). The Department also provides technical assistance to those governmental entities wishing to complete applications for the Board to consider.

As defined in Iowa Code Chapter 418, an eligible project “means the construction and reconstruction of levees, embankments, impounding reservoirs, or conduits that are necessary for the protection of property from the effects of floodwaters and may include the deepening, widening, alteration, change, diversion, or other improvement of watercourses if necessary for the protection of such property from the effects of floodwaters.”

Eligible applicants to the program are governmental entities. According to Iowa Code Chapter 418 “governmental entities” means any of the following:

- a county
- a city
- a joint board or other legal or administrative entity established or designated in an agreement pursuant to Iowa Code Chapter 28E or 28F between any of the following:
 - two or more cities located in whole or in part within the same county

Iowa Flood Mitigation Program/Board Activities

- a county and one or more cities that are located in whole or in part within the county
- a county, one or more cities that are located in whole or in part within the county, and a drainage district formed by mutual agreement under Iowa Code § 468.142 located in whole or in part within the county
- One or more counties, one or more cities that are located in whole or in part within those counties, and one or more sanitary districts established under Iowa Code Chapter 358 or a combined water and sanitary district as provided for in Iowa Code § 357.1B and Iowa Code § 358.1B, located in whole or in part within those counties

The two funding sources to support the program are a sales tax increment and a flood mitigation fund.

The sales tax increment consists of the amount of increased sales tax revenue within the governmental entities' boundaries. The Iowa Department of Revenue works with the governmental entity to establish a base year, and in subsequent years, deposits those sales tax revenues that exceed the base year revenues into a separate account maintained by the State treasurer. By law, the Iowa Department of Revenue can only deposit 70 percent of the increment revenue into the account with the remainder going to the State general fund. Funds placed into the account are then made available to the governmental entity to support its flood mitigation project. This funding cannot annually exceed \$15 million for individual governmental entities or \$30 million in aggregate for all governmental entities.

The flood mitigation fund is under the control of the Board and consists of monies appropriated by

the Iowa General Assembly and any other monies available or obtained by the Board. Monies in the fund can be used to provide financial assistance to governmental entities in the form of grants, loans, and forgivable loans. The Board specifies the terms and conditions of any assistance provided from the fund. Presently, there are no monies in the fund.

The application period for funding closed Jan. 1, 2016. The board continues to work with the communities that were awarded funding through review of project status reports and making adjustments if necessary.

Iowa Flood Mitigation Board 2018 Activities

The Iowa Flood Mitigation Board convened via conference call for one meeting in 2018 on Dec. 13.

At the December 2018 meeting:

- The Board unanimously approved the request submitted by the City of Cedar Falls to extend the project completion date to July 31, 2019, due to delays in construction caused by high water.

See minutes from all Iowa Flood Mitigation Board meetings at https://www.homelandsecurity.iowa.gov/about_HSEMD/flood_mitigation_board.html.

Iowa Flood Mitigation Project Costs

Project Costs

Ten projects have been approved under the Iowa Flood Mitigation Program. The total cost for all 10 approved projects is \$1,383,505,438, which includes \$596,826,780 sales tax increment, \$425,742,978 federal funding, and \$360,935,679 local funding.

It is anticipated that more than \$6 billion in losses will be avoided over the design life of these projects. Brief descriptions of the proposed projects, approved funding, and expended funding amounts can be found later in this document.

A semi-annual progress report form was developed by HSEMD staff and reports were due from the project applicants by May 15 and Nov. 15, 2018.

As of Oct. 31, 2018:

Total sales tax increment funds approved:
\$596,826,780

Total sales tax increment funds expended:
\$157,265,554

Remaining funds:
\$439,561,226

Total funds expended to date:

Federal funding	\$329,293,288
Local funding	\$206,626,655
Sales tax increment	<u>\$157,265,554</u>
Total	\$693,185,497

Semi-annual construction and spending progress reports are available at www.homelandsecurity.iowa.gov/about_HSEMD/flood_mitigation_board.html.

Iowa Flood Mitigation Board Project Details

On the following pages are details of the 10 projects that have been approved by the Iowa Flood Mitigation Board to date.

Projects included are:

- City of Cedar Rapids
- City of Dubuque
- City of Iowa City
- City of Coralville
- City of Storm Lake
- City of Waverly
- City of Cedar Falls
- City of Council Bluffs
- City of Des Moines and Metropolitan Wastewater Reclamation Authority
- City of Burlington

For more information on the Iowa Flood Mitigation Program, the Iowa Flood Mitigation Board, and projects approved by the Board, visit www.homelandsecurity.iowa.gov/about_HSEMD/flood_mitigation_board.html.

City of Cedar Rapids

The City of Cedar Rapids amended its initial requested tax increment funding and the Board approved the amount of \$269,411,016 to provide 46 percent of \$576,068,016 total project cost for flood mitigation on both sides of the Cedar River in Cedar Rapids. The goal of the proposed system when completed is to reduce or eliminate the future flood damage resulting from flood events similar to or less than the event that occurred in June of 2008. The proposed mitigation system includes construction of 6.24 miles of levee and flood walls (permanent and removable), 11 pump stations, 21 roadway and railroad gate closures, improvements to a flood-prone bridge (elevation of approaches), and design on a second river crossing.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_CedarRapids_ExecSummary.pdf

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_CedarRapids_Application.pdf

Project Cost Breakout		
Applicant		Cedar Rapids
Increment funds approved	\$	269,411,016
Federal funding	\$	175,882,000
Local funding	\$	130,775,000
Total project	\$	576,068,016
Nonpublic investment	\$	146,991,257
Avoided damage over design life (HSEMD provided number)	\$	1,025,800,000
Increment funds expended to date	\$	44,796,111
Increment funds remaining	\$	224,614,905
Federal funds expended to date	\$	90,881,275
Local funds expended to date	\$	26,156,309

Yearly Tax Increment		
2014	\$	2,499,988
2015	\$	10,700,000
2016	\$	7,689,027
2017	\$	10,381,241
2018	\$	13,140,760
2019	\$	15,000,000
2020	\$	15,000,000
2021	\$	15,000,000
2022	\$	15,000,000
2023	\$	15,000,000
2024	\$	15,000,000
2025	\$	15,000,000
2026	\$	15,000,000
2027	\$	15,000,000
2028	\$	15,000,000
2029	\$	15,000,000
2030	\$	15,000,000
2031	\$	15,000,000
2032	\$	15,000,000
2033	\$	15,000,000
2034	\$	-
2035	\$	-

City of Dubuque

The Bee Branch Watershed Flood Mitigation Project is a multiphased approach to address the severe and frequent flash flooding experienced in the Bee Branch Watershed in the City of Dubuque. As outlined in the City’s Drainage Basin Master Plan, and the engineering report by HDR from Omaha, Neb., the improvements associated with the Bee Branch Watershed Flood Mitigation Project will mitigate the flooding experienced over the past 12 years in four ways: reduce the volume of floodwaters, reduce the flow of floodwaters, increase floodwater conveyance capacity through the watershed, and provide barriers between critical facilities and floodwaters. This multifaceted, holistic approach includes the following phases: 1. Carter Road Detention Basin, 2. West 32nd Street Detention Basin, 3. Historic Millwork District, 4. Lower Bee Branch Creek Restoration, 5. Flood Mitigation Gate Replacement, 6. Impervious Surface Reduction, 7. Upper Bee Branch Creek Restoration, 8. 22nd Street Storm Sewer Improvements, 9. Flood Mitigation Maintenance Facility, 10. North End Storm Sewer Improvements, 11. Water Plant Flood Protection, 12. 17th Street Storm Sewer Improvements.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_Dubuque_ExecSummary.pdf

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_Dubuque_Application.pdf

Project Cost Breakout		
Applicant		Dubuque
Increment funds approved	\$	98,494,178
Federal funding	\$	25,756,556
Local funding	\$	76,678,802
Total project	\$	200,929,536
Nonpublic investment	\$	103,395,673
Avoided damage over design life (HSEMD provided number)	\$	582,000,000
Increment funds expended to date	\$	55,576,875
Increment funds remaining	\$	42,917,303
Federal funds expended to date	\$	25,935,730
Local funds expended to date	\$	51,452,193

Yearly Tax Increment		
2014	\$	395,704
2015	\$	2,655,058
2016	\$	3,476,709
2017	\$	4,316,027
2018	\$	5,173,389
2019	\$	4,392,361
2020	\$	5,175,452
2021	\$	5,973,893
2022	\$	6,787,982
2023	\$	6,944,414
2024	\$	6,968,288
2025	\$	6,946,514
2026	\$	6,957,577
2027	\$	6,947,487
2028	\$	6,947,500
2029	\$	6,500,000
2030	\$	6,000,000
2031	\$	2,935,823
2032	\$	1,500,000
2033	\$	1,500,000
2034	\$	-
2035	\$	-

City of Iowa City

The Iowa City project includes two steps involving the relocation of the wastewater treatment operations. The first step of the flood mitigation project was the relocation of wastewater operations from the north plant to a newer plant located south of Iowa City and out of the flood plain. This involved designing the larger south facility, upgrading the south plant, and then expanding the south plant.

The second step of the project is to demolish the flood-prone north wastewater treatment facility. This will involve demolishing the entire site. The final step will be to create new flood capacity at the site. This will involve creating a five-acre wetland in the southern portion of the north plant area and stream bank restoration along Ralston Creek where it meets the Iowa River.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_IowaCity_ExecSummary.pdf

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_IowaCity_Application.pdf

Project Cost Breakout		
Applicant		Iowa City
Increment funds approved	\$	8,497,249
Federal funding	\$	35,011,800
Local funding	\$	19,933,200
Total project	\$	63,442,249
Nonpublic investment	\$	168,500,000
Avoided damage over design life (HSEMD provided number)	\$	130,000,000
Increment funds expended to date	\$	8,300,584
Increment funds remaining	\$	196,665
Federal funds expended to date	\$	35,011,800
Local funds expended to date	\$	17,198,681

Yearly Tax Increment		
2014	\$	172,676.35
2015	\$	642,053.76
2016	\$	802,613.40
2017	\$	1,074,890.20
2018	\$	1,321,915.69
2019	\$	1,551,832.50
2020	\$	1,805,515.70
2021	\$	1,125,751.40
2022	\$	-
2023	\$	-
2024	\$	-
2025	\$	-
2026	\$	-
2027	\$	-
2028	\$	-
2029	\$	-
2030	\$	-
2031	\$	-
2032	\$	-
2033	\$	-
2034	\$	-
2035	\$	-

City of Coralville

This project consists of multiple small projects in two phases comprising a comprehensive approach to mitigating damage from Clear Creek and Biscuit Creek, back-up flooding from the Iowa River, and over-land flooding caused by rainfall during high-water events. The City has committed more than \$13,750,000 of local, State, and federal funds to undertake work in the first phase of the project (completed). This work included construction of two new storm water pumping stations, storm water collection improvements to direct storm water to the pumping stations, and construction of more than 2,400 linear feet of flood walls and berms along the flood plain of the creeks, including a 710-foot section that is integrated into a private apartment complex parking structure. This does not include the accompanying work completed or in process by the City of Iowa City or the University of Iowa, with which the City of Coralville partnered to create a comprehensive flood mitigation plan for the area surrounding the Iowa River that was affected by the floods of 2008.

The uncompleted work (Phase II) involves two components: 1. Construction of a flood wall, and 2. Elevating the 5th Street bridge to prevent flooding of 5th Street and the area immediately adjacent to, and downstream of, Biscuit Creek.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_Coralville_ExecSummary.pdf

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_Coralville_Application.pdf

Project Cost Breakout		
Applicant		Coralville
Increment funds approved	\$	9,769,000
Federal funding	\$	8,546,161
Local funding	\$	5,204,498
Total project	\$	23,519,659
Nonpublic investment	\$	26,655,203
Avoided damage over design life (HSEMD provided number)	\$	57,000,000
Increment funds expended to date	\$	9,769,000
Increment funds remaining	\$	0
Federal funds expended to date	\$	8,546,161
Local funds expended to date	\$	6,862,645

Yearly Tax Increment		
2014	\$	82,199
2015	\$	1,470,793
2016	\$	1,419,311
2017	\$	1,471,023
2018	\$	1,471,023
2019	\$	1,471,023
2020	\$	557,954
2021	\$	-
2022	\$	-
2023	\$	-
2024	\$	-
2025	\$	-
2026	\$	-
2027	\$	-
2028	\$	-
2029	\$	-
2030	\$	-
2031	\$	-
2032	\$	-
2033	\$	-
2034	\$	1,825,674
2035	\$	-

City of Storm Lake

The City of Storm Lake requested assistance from the Iowa Flood Mitigation Program to fund a project consisting of four separate phases: 1. East Central Storm Water Project, 2. North Central Storm Water Project, 3. East 10th Street Project (street reconstruction due to North Central Project), 4. Expansion Blvd. Storm Water Project.

These four phases will address the worst flooding areas within the city of Storm Lake, providing relief to both residential and commercial/industrial properties within the corporate limits of the city. The project is generally located on the east side of Storm Lake. All phases of the project total an investment of \$8,166,121 in storm water management and cleaning in Storm Lake and will have a positive impact on over 2,300 people and over 3,000 properties.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_StormLake_ExecSummary.pdf

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_StormLake_Application.pdf

Project Cost Breakout		
Applicant		Storm Lake
Increment funds approved	\$	4,083,060
Federal funding	\$	1,403,436
Local funding	\$	2,679,624
Total project	\$	8,166,120
Nonpublic investment	\$	500,000
Avoided damage over design life (HSEMD provided number)	\$	17,849,370
Increment funds expended to date	\$	4,083,060
Increment funds remaining	\$	0
Federal funds expended to date	\$	1,403,436
Local funds expended to date	\$	6,492,862

Yearly Tax Increment		
2014	\$	-
2015	\$	80,000
2016	\$	80,000
2017	\$	80,000
2018	\$	107,000
2019	\$	131,060
2020	\$	185,000
2021	\$	220,000
2022	\$	250,000
2023	\$	250,000
2024	\$	250,000
2025	\$	250,000
2026	\$	275,000
2027	\$	275,000
2028	\$	275,000
2029	\$	275,000
2030	\$	275,000
2031	\$	275,000
2032	\$	275,000
2033	\$	275,000
2034	\$	-
2035	\$	-

City of Waverly

The City of Waverly flood mitigation improvements consist of mitigating flood hazards from the Cedar River and Dry Run Creek, which have overlapping floodplains. After the 2008 Cedar River flood the Waverly Dam was reconstructed with an inflatable dam that was completed in November 2011 and effectively eliminated the threat of flooding from the Cedar River for 450 homes and businesses (Phase 1). However, most of these homes and businesses were at risk of flooding from the Dry Run Creek, and the City of Waverly is proposing flood mitigation improvements that will permanently remove these properties from the FEMA 100-year floodplain.

The Dry Run Creek improvements were divided into three sections to better facilitate construction scheduling. Upon entering into an agreement for State funding assistance the City of Waverly constructed flood mitigation measures starting with section A of the Dry Run Creek from 4th Street SW (IA116) to W. Bremer Avenue (IA3) with construction occurring in 2015. Section B of the Dry Run Creek from W. Bremer Avenue (IA3) to 7th Street NW was constructed in 2015-16, and construction of section C of the Dry Run Creek from 1st Street SW to 4th Street SW (IA116) was built in 2015-16. Construction is complete.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_Waverly_ExecSummary.pdf
www.homelandsecurity.iowa.gov/documents/misc/FLOOD_Waverly_Application.pdf

Project Cost Breakout		
Applicant		Waverly
Increment funds approved	\$	5,647,004
Federal funding	\$	4,223,898
Local funding	\$	1,430,000
Total project	\$	11,300,902
Nonpublic investment	\$	6,500,000
Avoided damage over design life (HSEMD provided number)	\$	56,000,000
Increment funds expended to date	\$	5,647,004
Increment funds remaining	\$	0
Federal funds expended to date	\$	4,247,759
Local funds expended to date	\$	3,568,548

Yearly Tax Increment		
2014	\$	152,384
2015	\$	236,446
2016	\$	313,965
2017	\$	398,087
2018	\$	488,081
2019	\$	575,332
2020	\$	579,990
2021	\$	582,873
2022	\$	580,092
2023	\$	580,300
2024	\$	579,079
2025	\$	580,375
2026	\$	-
2027	\$	-
2028	\$	-
2029	\$	-
2030	\$	-
2031	\$	-
2032	\$	-
2033	\$	-
2034	\$	-
2035	\$	-

City of Cedar Falls

After the historic flooding that occurred in June of 2008, the City of Cedar Falls decided that increasing the protection level of the downtown flood levee and flood wall system was one of the highest priorities for the City. The 2008 flood event exceeded the design for the existing levee system, and even with the assistance of emergency flood-fighting procedures the levee was overtopped, flooding the Cedar Falls Utilities. The intent of this project is to increase the level of protection for the city to the 0.2 percent annual probability (500-year) level of protection. Increasing the flood protection levels for the city will require additional levee and/or flood wall extensions, modifications to existing storm sewer gate wells, modifications to closure structures (pedestrian and street openings), and modifications to areas with sand-bag closure plans. A technical memorandum has been submitted to the U.S. Army Corps of Engineers (USACE) which summarizes the existing conditions, recommends improvements to the system, and requests USACE approval to initiate final planning and design for improvement to the downtown Cedar Falls flood protection system.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_CedarFalls_ExecSummary.pdf

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_CedarFalls_Application.pdf

Project Cost Breakout		
Applicant		Cedar Falls
Increment funds approved	\$	6,625,000
Federal funding	\$	4,812,000
Local funding	\$	1,813,000
Total project	\$	13,250,000
Nonpublic investment	\$	19,754,578
Avoided damage over design life (HSEMD provided number)	\$	187,694,302
Increment funds expended to date	\$	3,544,906
Increment funds remaining	\$	3,080,094
Federal funds expended to date	\$	4,812,000
Local funds expended to date	\$	1,995,671

Yearly Tax Increment		
2014	\$	0
2015	\$	995,586
2016	\$	1,793,137
2017	\$	1,727,065
2018	\$	646,991
2019	\$	0
2020	\$	-
2021	\$	-
2022	\$	-
2023	\$	-
2024	\$	-
2025	\$	-
2026	\$	-
2027	\$	-
2028	\$	-
2029	\$	-
2030	\$	-
2031	\$	-
2032	\$	-
2033	\$	-
2034	\$	1,462,221
2035	\$	-

City of Council Bluffs

The Council Bluffs Flood Mitigation Project will consist of 22 unique improvements to the levee system to eliminate known deficiencies in order to meet current levee design and accreditation standards. The improvements will increase the redundancy, resiliency, and robustness of the levee system, thereby reducing the potential for catastrophic failure.

In addition to these levee improvements, the Indian Creek channel upstream of the leveed section is deteriorating and requires rehabilitation and replacement. The 76-year-old channel drains just over 15 square miles upstream of the city and is designed to safely convey floodwaters through critical portions of the city. The Indian Creek channel improvements include removal and replacement of the open, concrete-lined channel, rehabilitation or replacement of existing bridge crossings, replacement of damaged sections of lateral pipes that outlet into the creek, and relocation or protection of critical, at-risk utilities, as funding permits.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_CouncilBluffs_ExecSummary.pdf

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_CouncilBluffs_Application.pdf

Project Cost Breakout	
Applicant	Council Bluffs
Increment funds approved	\$ 57,000,000
Federal funding	\$ 22,800,000
Local funding	\$ 34,200,000
Total project	\$ 114,000,000
Nonpublic investment	\$ 7,563,263
Avoided damage over design life (HSEMD provided number)	\$ 2,307,515,725
Increment funds expended to date	\$ 6,853,358
Increment funds remaining	\$ 50,146,642
Federal funds expended to date	\$ 22,801,385
Local funds expended to date	\$ 12,995,721

Yearly Tax Increment	
2014	\$ -
2015	\$ 1,000,000
2016	\$ 1,695,000
2017	\$ 2,278,000
2018	\$ 2,871,000
2019	\$ 3,400,000
2020	\$ 2,200,000
2021	\$ 2,000,000
2022	\$ 2,350,000
2023	\$ 2,200,000
2024	\$ 2,200,000
2025	\$ 2,200,000
2026	\$ 2,700,000
2027	\$ 2,700,000
2028	\$ 2,750,000
2029	\$ 3,200,000
2030	\$ 3,700,000
2031	\$ 3,700,000
2032	\$ 5,350,000
2033	\$ 5,350,000
2034	\$ 3,156,000
2035	\$ -

City of Des Moines & Wastewater Reclamation Authority

The City of Des Moines and Des Moines Metropolitan Wastewater Reclamation Authority (WRA) are working together in flood prevention efforts. The wastewater reclamation facility is located within the city limits of Des Moines and bounded on the south by the Des Moines River. Therefore, flooding in Des Moines, especially along the Des Moines River, has a direct impact on the WRA's ability to provide uninterrupted wastewater treatment service to its customers. In addition, interrupted service would most impact the citizens, businesses, and economy of the City of Des Moines, as it is the largest customer base of the WRA.

The proposed flood protection plan consists of four phases of comprehensive flood protection improvements for the City of Des Moines and WRA. This balanced flood mitigation approach includes modifications to levees, reducing water elevation by removing restrictions, and reducing flood risk due to rainfall interior to the levee system by upgrading storm sewer and pump station systems to meet FEMA standards. Phase 1 includes projects that have been completed, and have been funded by various sources. Phase 2 includes projects that are currently underway. Phase 3 and Phase 4 include projects that have been identified by technical or professional studies that benefit the City of Des Moines and the WRA by increasing flood prevention and protection.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_DesMoines_ExecSummary.pdf

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_DesMoines_Application.pdf

Project Cost Breakout	
Applicant	DSM-WRA
Increment funds approved	\$ 111,100,273
Federal funding	\$ 130,270,434
Local funding	\$ 67,239,013
Total project	\$ 308,609,720
Nonpublic investment	\$ 30,281,706
Avoided damage over design life (HSEMD provided number)	\$ 1,527,655,795
Increment funds expended to date	\$ 11,225,179
Increment funds remaining	\$ 99,875,094
Federal funds expended to date	\$ 128,213,355
Local funds expended to date	\$ 77,665,761

Yearly Tax Increment	
2014	\$ -
2015	\$ -
2016	\$ 12,454,364
2017	\$ 7,157,182
2018	\$ 4,220,931
2019	\$ 2,775,220
2020	\$ 3,646,793
2021	\$ 4,100,179
2022	\$ 3,884,705
2023	\$ 3,726,214
2024	\$ 3,549,750
2025	\$ 3,414,434
2026	\$ 3,300,942
2027	\$ 3,151,191
2028	\$ 2,939,276
2029	\$ 2,772,786
2030	\$ 2,606,680
2031	\$ 5,502,608
2032	\$ 5,118,012
2033	\$ 6,779,006
2034	\$ 15,000,000
2035	\$ 15,000,000

City of Burlington

The Burlington Downtown Mississippi Riverfront Plan provides a conceptual plan for improvements which will help to mitigate the flooding experienced in the Burlington riverfront area. The plan reduces the flow of storm water toward the riverfront while providing barriers between floodwaters and the Burlington riverfront and the critical infrastructure of the wastewater treatment plant.

The proposed flood protection plan consists of nine phases of comprehensive flood protection improvements for the City of Burlington. Phases V, VI, VII, and IX will utilize sales tax increment funding. The proposed flood control strategy includes a combination of permanent and removable flood walls, modifications to storm sewers and pump stations, installation and rehabilitation to sanitary lift stations, and the use of green infrastructure.

Details on this project can be found at:

www.homelandsecurity.iowa.gov/documents/misc/FLOOD_Burlington_ExecSummary.pdf
www.homelandsecurity.iowa.gov/documents/misc/FLOOD_Burlington_Application.pdf

Project Cost Breakout		
Applicant		Burlington
Increment funds approved	\$	26,200,000
Federal funding	\$	17,036,693
Local funding	\$	20,982,542
Total project	\$	64,219,235
Nonpublic investment	\$	15,599,960
Avoided damage over design life (HSEMD provided number)	\$	118,081,853
Increment funds expended to date	\$	7,469,477
Increment funds remaining	\$	18,730,523
Federal funds expended to date	\$	7,440,387
Local funds expended to date	\$	2,238,264

Yearly Tax Increment		
Year	\$	
2014	\$	-
2015	\$	-
2016	\$	275,873
2017	\$	416,484
2018	\$	558,909
2019	\$	703,171
2020	\$	849,295
2021	\$	997,303
2022	\$	1,147,221
2023	\$	1,299,072
2024	\$	1,452,883
2025	\$	1,608,677
2026	\$	1,766,481
2027	\$	1,926,322
2028	\$	2,088,224
2029	\$	2,252,214
2030	\$	2,418,320
2031	\$	2,586,569
2032	\$	2,756,988
2033	\$	1,095,994
2034	\$	-
2035	\$	-