Iowa Homeland Security & Emergency Management
7900 Hickman Rd, Ste 500
Windsor Heights, IA 50324

Iowa Flood Mitigation Program (FMP)
Flood Recovery Project Application

What is the Flood Recovery Fund?

A Flood Recovery Fund is established in the state treasury under the control of the Flood Mitigation Board to provide funding to eligible political subdivisions of the state to implement flood response, flood recovery, or flood mitigation projects.

Eligibility:

1) An eligible applicant is a political subdivision of the state located in a county designated under presidential disaster declaration DR-4421-IA and also located in a county where the federal emergency management agency individual assistance program has been activated.

2) Eligible projects must support flood response, flood recovery, or flood mitigation. Eligible project types include construction and reconstruction of levees, embankments, impounding reservoirs, conduits or other means that are necessary for the protection 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 flood waters. A project may consist of one or more phases of construction or reconstruction that are contracted for separately if the larger project, of which the project is a part, otherwise meets the requirements of this subrule.

Application Process:

This application is designed to capture the necessary information to meet program requirements.

1) Description of the project and how the project supports flood response, flood recovery, or flood mitigation activities.

2) Description of financial assistance need through the Flood Recovery Fund.

3) Description of the necessary expense or serious need of the political subdivision.

4) Details on any additional funds to be applied to the project.

Flood Mitigation Board Process:

1) Review the application.

2) Approve, defer, or deny the application.
## I. Applicant Information

<table>
<thead>
<tr>
<th>A. Applicant/Community Name</th>
<th>B. Address</th>
<th>City, State, Zip Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Buffalo</td>
<td>329 Dodge St</td>
<td>Buffalo, IA 52728</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C. Point of Contact (POC) Name for Project</th>
<th>POC Title</th>
<th>POC Agency</th>
<th>POC Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tanna Leonard</td>
<td>City Clerk</td>
<td>City of Buffalo</td>
<td><a href="mailto:buffalocityhall@mchsi.com">buffalocityhall@mchsi.com</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>POC PO Box and Zip Code</th>
<th>POC Street Address</th>
<th>POC City, State, Zip Code</th>
<th>POC Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO 557</td>
<td>329 Dodge St</td>
<td>Buffalo, IA 52728</td>
<td>563-381-2226</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alternate POC Name or Authorized Representative</th>
<th>Alt POC Title</th>
<th>Alt POC Agency</th>
<th>Alternate POC Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sally Rodriguez</td>
<td>Mayor</td>
<td>City of Buffalo</td>
<td><a href="mailto:mayor@buffaloiowa.org">mayor@buffaloiowa.org</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alt POC PO Box and Zip Code</th>
<th>Alt POC Street Address</th>
<th>Alt POC City, State, Zip Code</th>
<th>Alt POC Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>52728</td>
<td>329 Dodge Street</td>
<td>Buffalo, IA 52728</td>
<td>563-381-2226</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D. Federal Tax ID # / FEIN</th>
<th>E. County Name</th>
<th>F. US Congressional District(s)</th>
<th>State Legislative Districts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Scott</td>
<td>2</td>
<td>Senate 45, House 90</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>G. Is the Applicant/Community participating in the National Flood Insurance Program (NFIP)?</th>
<th>Community's CID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>YES</td>
<td>190241</td>
</tr>
</tbody>
</table>
### II. Project Cost Information

#### B. Project Budget Summary

<table>
<thead>
<tr>
<th>Item</th>
<th>Applied/Received</th>
<th>Federal $</th>
<th>State $</th>
<th>Local $</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering and design</td>
<td>$</td>
<td>13,600.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Permits, survey, easements</td>
<td>$</td>
<td>10,100.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Construction</td>
<td>$</td>
<td>224,560.00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Project Budget Summary: $248,260.00

#### C. Project Funding Source

Identify all anticipated funding sources for the project and the amounts. State that you have applied for and/or received approved federal, state and/or local financial assistance.

Please insert additional rows as needed.

<table>
<thead>
<tr>
<th>Identify source</th>
<th>Applied/Received</th>
<th>Federal $</th>
<th>State $</th>
<th>Local $</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood Recovery Fund</td>
<td></td>
<td>$211,021.00</td>
<td>$37,239.00</td>
<td></td>
<td>$211,021.00+$37,239.00</td>
</tr>
<tr>
<td>City of Buffalo</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Project Funding Source</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$248,260.00</td>
</tr>
</tbody>
</table>
### III. Project Plan Summary

<table>
<thead>
<tr>
<th>A. Provide a brief description of the project and how the project supported flood response or will support future flood recovery and flood mitigation activities. This is a summary of Tab B - Project Plan.</th>
</tr>
</thead>
<tbody>
<tr>
<td>We are building a detention basin to reduce the flow of flood water therefore reducing the risk of flooding to residential properties within the project area.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>B. Provide a brief description of the financial assistance need through the Flood Recovery Fund.</th>
</tr>
</thead>
<tbody>
<tr>
<td>We budget for routine maintenance, however the costs to mitigate the project are not available in our budget. We can reduce the entire project costs by adding in the mitigation portion at the same time instead of bringing the ditch to pre-flood conditions and then completing the mitigation project later. We will be paying additional fees for engineering, oversight, and mobilization fee.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>C. Explain how financial assistance through the Flood Recovery Fund is essential to meet the necessary expenses or serious needs of the applicant related to flood response, flood recovery, and flood mitigation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>If we do not receive funding we will not be able to mitigate the project and reduce the risk of flooding to the residential neighborhood.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D. Provide details of any additional funds that can be applied to the project.</th>
</tr>
</thead>
<tbody>
<tr>
<td>We are not aware of any other funding resources available. We discussed the options with FEMA and they will not fit into any of their mitigation projects. We are able to pay a percentage of the project from our routine maintenance budget. However this amount is significantly larger than the average routine maintenance fees due to the flooding event in May of 2019. Other projects will be set aside to prioritize the repairs of this project.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E. Description of Project Location (i.e. Latitude and Longitude (minimum 6 digits after the decimal), Neighborhood, Subdivision, Geographic Boundaries, Driving Directions, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Project is located on Elm Street in Buffalo between the intersections of Ash Street and Chestnut Street. Beginning at Lat/Lon 41.455718, -90.734167 and ending at Lat/Lon 41.458150, -90.733918. The Detention basin is located in the farm field to the north of the intersection of Elm and Ash Street. It would be reducing the flow of nearly ten acres of field and slowing the waters that run down through a residential neighborhood, entering the municipal storm system and then the Mississippi River.</td>
</tr>
</tbody>
</table>
IV. Work Schedule

A. List the major milestones for this project.

<table>
<thead>
<tr>
<th>Task</th>
<th>Months/Years from Award</th>
<th>Responsible Party</th>
</tr>
</thead>
<tbody>
<tr>
<td>Notice of Grant Award</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Engineering &amp; Design</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Permitting</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Construction contractor procurement, selection, &amp;</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Construction</td>
<td>4</td>
<td>5</td>
</tr>
<tr>
<td>Project Acceptance</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>Project Closeout</td>
<td>6</td>
<td>7</td>
</tr>
</tbody>
</table>

Total Project Duration: 7 Months

V. Certifications

To the best of my knowledge and belief, I certify that all data in this application packet is complete, true and correct. The governing body of the applicant has duly authorized this document and hereby applies for assistance as documented in this application. The applicant understands that the project shall not proceed until Flood Mitigation Board approval is granted.

Signature of the Chief Executive Officer  
Name of the Chief Executive Officer  
Mayor  
Title  
Organization  
Date  
Phone Number

Signature of the Authorized Representative  
Name of Authorized Representative  
City Clerk  
Title  
City of Buffalo  
Organization  
Date  
PO Box 557 / 329 Dodge Street  
PO Box / Street Address  
Buffalo, Iowa 52728  
City, State and Zip Code  
Phone Number  
buffalocityhall@mchsi.com  
Email Address
ELM STREET DRAINAGE IMPROVEMENTS
CITY OF BUFFALO
BUFFALO, IOWA

PROJECT ENGINEER
MICHAEL W. JANECEK, P.E.
MARTIN & WHITACRE SURVEYORS & ENGINEERS, INC
563-263-7691

CITY OF BUFFALO CONTACTS
ART HORST
DIRECTOR OF PUBLIC WORKS
563-381-3530

ALLIANT ENERGY
1-800-255-4268
CENTURY LINK
1-877-348-9007

PROJECT DESCRIPTION:
DETECTION BASIN AND DITCH IMPROVEMENTS
LOCATION:
ALONG ELM STREET

MEDIACOM
1-855-633-4226

PROJECT LOCATION

SHEET INDEX

<table>
<thead>
<tr>
<th>SHEET NO.</th>
<th>SHEET TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.01</td>
<td>COVER PAGE</td>
</tr>
<tr>
<td>A.02</td>
<td>LEGEND &amp; GENERAL NOTES</td>
</tr>
<tr>
<td>B.01</td>
<td>SITE &amp; GRADING PLAN</td>
</tr>
<tr>
<td>D.01</td>
<td>DETAILS</td>
</tr>
<tr>
<td>D.02</td>
<td>PLAN &amp; PROFILE</td>
</tr>
<tr>
<td>W.01</td>
<td>CROSS SECTION</td>
</tr>
</tbody>
</table>

DATE: 11/4/19

MICHAEL W JANECEK, P.E. IA. REG. NO 15289
12/16/2019

PROJECT LOCATION

NOT TO SCALE
1. The Project shall be constructed in accordance with the details and standards shown in the plans and specifications. The Contractor shall follow the City’s standard specifications for materials and execution.

2. The Contractor shall be responsible for the construction of all streets and sidewalks as shown on the plans and specifications. The Contractor shall be responsible for the construction of all streets and sidewalks as shown on the plans and specifications.

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A.03

ELM STREET DRAINAGE IMPROVEMENTS
CITY OF BUFFALO
BUFFALO, IOWA

SITE & GRADING PLAN

EROSION CONTROL NOTES

1. ALL EROSION CONTROL FEATURES SHALL BE IN ACCORDANCE WITH THE CIVIL ENGINEER'S DRAIN DESIGN AND SPECIFICATIONS (D-6754). /5/cretion

2. Vehicle Tracking Control Measures shall be placed to limit mud/soil distress from city streets.

3. Temporary Control Measures shall be placed prior to the commencement of any work disturbing soil, clay, or silt, and permanent control measures shall be installed as soon as practicable after the disturbance.

4. The Contractor shall install a separate temporary erosion control around the project site. /5/tection

5. The contractor shall be responsible for conducting periodic inspections of the erosion control system in areas of the project where the risks of erosion are high. /5/ection

6. The contractor shall be responsible for maintaining the erosion control system throughout the life of the project.

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14. The contractor shall be responsible for maintaining the erosion control system throughout the life of the project.
BUFFALO OUTING CLUB INC

CHOHAN, JOAN C
CHASE, RICHARD A
CHASE, RACHEL L
BARR, JEREMY S
PLIES, JEFFERY G JR
PLIES, TARA A
RUDEN, ROBERT D
RUDEN, ROY LYN

-1.9%
-3.7%
-4.1%
-4.2%
-4.0%
-1.0%
-1.0%
-1.9%
-3.9%

BUFFALO OUTING CLUB INC
CHOHAN, JOAN C
CHASE, RICHARD A
CHASE, RACHEL L
BARR, JEREMY S
PLIES, JEFFERY G JR
PLIES, TARA A
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RUDEN, ROY LYN

-1.9%
-3.7%
-4.1%
-4.2%
-4.0%
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-4.2%
-4.0%
-1.0%
-1.0%
-1.9%
-3.9%

EG=565.3
FG=563.47
EG=566.7
FG=564.73
EG=568.4
FG=566.01
EG=569.8
FG=567.47
EG=571.2
FG=569.02
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FG=581.59
EG=585.8
FG=584.66
EG=587.0
FG=584.34
EG=588.4
FG=585.68
EG=590.1
FG=590.03
EG=591.0
FG=587.70
EG=592.4
FG=588.91

111' 15" CONCRETE PIPE @ -5.27%
18' 15" CONCRETE PIPE @ -6.09%
26' 15" CONCRETE PIPE @ -3.44%
ST 7
CONCRETE FLARED END SECTION
STA 4+68.10
RIM EL=588.85'
IE=587.33', 15" CONCRETE PIPE, S
ST 6
CONCRETE FLARED END SECTION
STA 4+41.66
RIM EL=587.94'
IE=586.42', 15" CONCRETE PIPE, N
ST 5
CONCRETE FLARED END SECTION
STA 3+90.22
RIM EL=585.49'
IE=583.97', 15" CONCRETE PIPE, S
ST 4
CONCRETE FLARED END SECTION
STA 3+71.34
RIM EL=584.34'
IE=582.82', 15" CONCRETE PIPE, N
ST 3
CONCRETE FLARED END SECTION
STA 3+26.09
RIM EL=581.74'
IE=580.22', 15" CONCRETE PIPE, S
ST 2
CONCRETE FLARED END SECTION
STA 2+14.16
RIM EL=575.84'
IE=574.32', 15" CONCRETE PIPE, N
EXISTING ST 1, CONCRETE FLARED END SECTION
STA 0+04.64
RIM EL=564.88'
IE=562.00', 30" CONCRETE PIPE, S

6.1%
40.3%
3.9%
43.3%
4.8%
36.2%
4.8%
36.2%
5.7%
38.8%
3.8%
4.3%
37.3%
5.6%
10.2%

[Diagram with various measurements and notes]