Iowa Flood Mitigation Program (FMP)
Flood Recovery Project Application

I. Applicant Information

A. Applicant/Community Name	B. Address		City, State, Zip Code
New St. Mary's Drainage District	10 North Walnut Street	P.O. Box 189	Glenwood, Iowa 51534

C. Point of Contact (POC) Name for Project	POC Title	POC Agency	POC Email
John Poore	Chairperson		johnrpoore@msn.com

POC PO Box and Zip Code	POC Street Address	POC City, State, Zip Code	POC Phone
51503	17628 Allis Road	Council Bluffs, Iowa 51503	(402) 306-6895

Alternate POC Name or Authorized Representative	Alt POC Title	Alt POC Agency		Alternate POC Email
Matthew G. Woods	Attorney/Secretary	Woods, Wyatt & Tucker, PLLC		matt.woods@woodswyattlaw.com

Alt POC PO Box and Zip Code	Alt POC Street Address	Alt POC City, State, Zip Code	Alt POC Phone
P.O. Box 189, 51534	10 North Walnut Street	Glenwood, Iowa 51534	(712) 527-4877

D. Federal Tax ID # / FEIN	E. County Name	F. US Congressional District(s)	State Legislative Districts	
			Senate	House
[redacted]	Mills	3	12	23

G. Is the Applicant/Community participating in the National Flood Insurance Program (NFIP)?	Community's CID Number
No	

II. Project Cost Information - New St. Mary's

A. Identify the requested funding source: | **Permanent Work**

B. Project Budget Summary

Silt Removal	$	616,000.00
Engineering	$	69,000.00
Administrative Costs (5%)	$	34,250.00
Total Project Budget Summary	**$**	**719,250.00**

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.

Identify source	Applied/ Received	Federal $	State $	Local $	TOTAL
		$ 462,000.00			$ 462,000.00
			$ 61,600.00		$ 61,600.00
				$ 92,400.00	$ 92,400.00
		$ 51,750.00			$ 51,750.00
			$ 6,900.00		$ 6,900.00
				$ 10,350.00	$ 10,350.00
		$ 34,250.00			$ 34,250.00
			$ -		$ -
				$ -	$ -
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Total Project Funding Source		$ 548,000.00	$ 68,500.00	$ 102,750.00	$ 719,250.00

III. Project Plan Summary

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.
Removal of silt from ditches throughout the District

B. Provide a brief description of the financial assistance need through the Flood Recovery Fund.
Due to the amounts of debris, silt, and damaged infrastructure throughout the District, we are requesting funds to help with the improvements.

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.
At this time, the District has not assessed for anything more than a typical years' operation and maintenance costs. The cost of the flood damages greatly outweighs the typical assessment value.

D. Provide details of any additional funds that can be applied to the project.

E . Description of Project Location (i.e. Latitude and Longitude (minimum 6 digits after the decimal), Neighborhood, Subdivision, Geographic Boundaries, Driving Directions, etc.)
A copy of the plans for the debris/silt removal has been attached showing locations of the improvements

IV. Work Schedule

A. List the major milestones for this project.

Task	Months/Years from Award			Responsible Party
	Start	Complete		
Silt Removal	3/15/2020	6/1/2020		Contractor; will be bid
Total Project Duration:	**36**			

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

Title

Organization

Date

Phone Number

Signature of the Authorized Representative

Name of Authorized Representative

Title

Organization

Date

PO Box / Street Address

City, State and Zip Code

Phone Number

Email Address

Project Plan

Applicant: **New St. Mary's Drainage Distgrict**

Political subdivision shall attach to the Flood Recovery Project Application the project plan.

Project plan shall include:

1. **a. A detailed description of the project Scope of Work.**

   i. How the project supported flood response or will support future flood recovery and flood mitigation activities.

   Project consists of silt removal to restore drainage in the drainage ditches (27 ea.) throughout New St. Mary's Drainage District.

   ii. Map(s) identifying project area.

   See attached maps showing the properties and locational area.

2. **a. An estimated cost of the project (detailed budget):**

   i. A detailed description of the amount of funds expended to date and the funding source.

   See attached.

3. **a. If available: A copy of the application(s) from other funding sources and subsequent approval letter(s).**

OLMSTED & PERRY CONSULTING ENGINEERS INC.

10730 PACIFIC STREET SUITE #232 OMAHA, NEBRASKA 68114
2019 FLOOD RECOVERY
NEW ST. MARY'S DRAINAGE DISTRICT
MILLS COUNTY, IOWA

PROJECT NO. 19045
DATE: 1/29/2020

OPINION OF PROBABLE CONSTRUCTION COSTS DRAFT

NO.	BID ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
1	SITE PREPARATION / MOBILIZATION	1.0	LS	$2,500.00	$2,500.00
2	SILT REMOVAL	51,008.0	CY	$10.00	$510,080.00
3	TESTING ALLOWANCE	1.0	ALW	$500.00	$500.00

CONSTRUCTION COST	**$513,080.00**
CONTINGENCY @20%	$102,616.00
TOTAL CONSTRUCTION COST	**$615,696.00**
SOFT COSTS	
TOTAL PROJECT COST	**$615,696.00**

Items not included:

1.
2.
3.
4.
5.

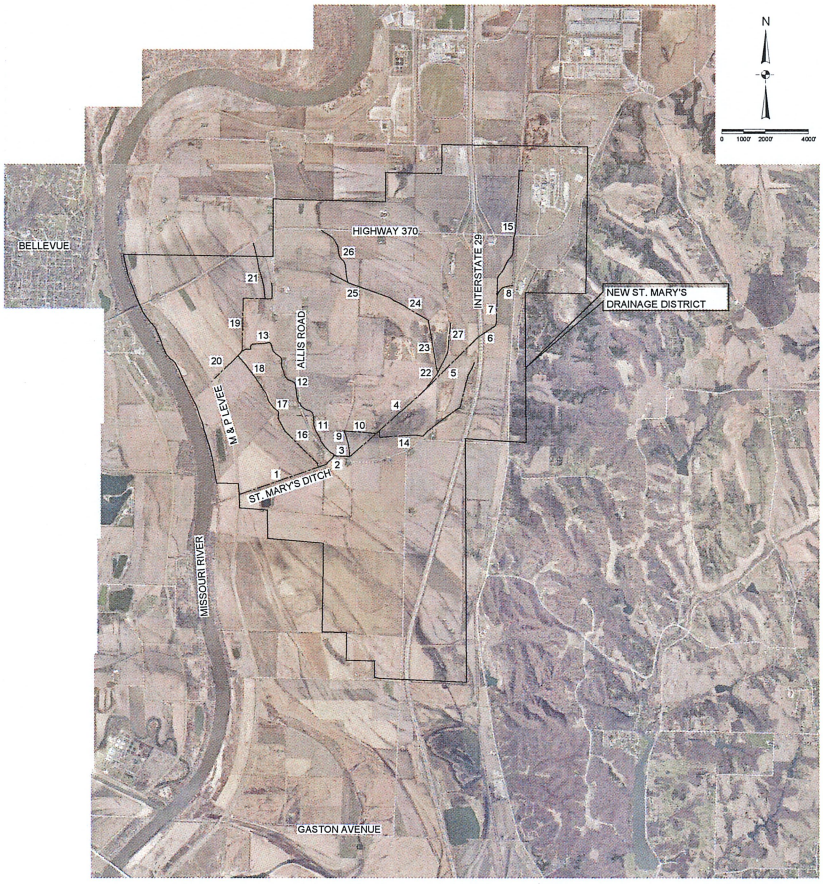
The following opinion of probable project costs has been prepared based on the schematic layouts. The opinion of probable project costs are based on assumptions and no engineering design has been conducted. These are intended to be used as tools for resources and fund allocation by the client. A final opinion of probable project costs will be provided upon completion of engineered construction drawings. The opinion of probable project costs does not reflect unforeseen changes in fuel, oil, pvc, portland cement, steel prices or construction costs.

2019 FLOOD RECOVERY
NEW ST. MARY'S DRAINAGE DISTRICT

MILLS COUNTY, IOWA

JANUARY 2020

1. RESTORATION OF DRAINAGE DITCHES



IMPROVEMENT LOCATION MAP

TRUSTEES

JOHN POORE, CHAIRPERSON	(402) 306-6895
BRIAN NANSEL	(712) 355-1938
DAVID SCHROEDER	(402) 639-4248

APPROXIMATE QUANTITIES

ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT	RECORD QUANTITY
1	SITE PREPARATION / MOBILIZATION	1.0	LS	
2	SILT REMOVAL	51,008.0	CY	
3	TESTING ALLOWANCE	1.0	ALW	

811 Know what's below. Call before you dig.

UTILITY INFORMATION

EXISTING UTILITIES, UNDERGROUND STRUCTURES AND SERVICES WERE LOCATED FROM EXISTING OWNER RECORDS, MAPS AND ONE-CALL DIGGERS HOTLINE PAINT DESIGNATION LINES IN THE FIELD. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. VERIFICATION OF ALL UTILITIES AND SERVICES SHOULD BE OBTAINED FROM THE OWNER OF EACH RESPECTIVE UTILITY COMPANY PRIOR TO DESIGN, CONSTRUCTION AND EXCAVATION.

LICENSED PROFESSIONAL ENGINEER JAMES J. OLMSTED 8642 IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA

#8642

JAMES J. OLMSTED, P.E. DATE

MY LICENCE RENEWAL DATE IS DECEMBER 31, 2021

SHEETS COVERED BY THIS SEAL: ALL SHEETS

SET NO.

OLMSTED & PERRY CONSULTING ENGINEERS INC.
10730 PACIFIC STREET SUITE 232
OMAHA, NEBRASKA

REVISIONS

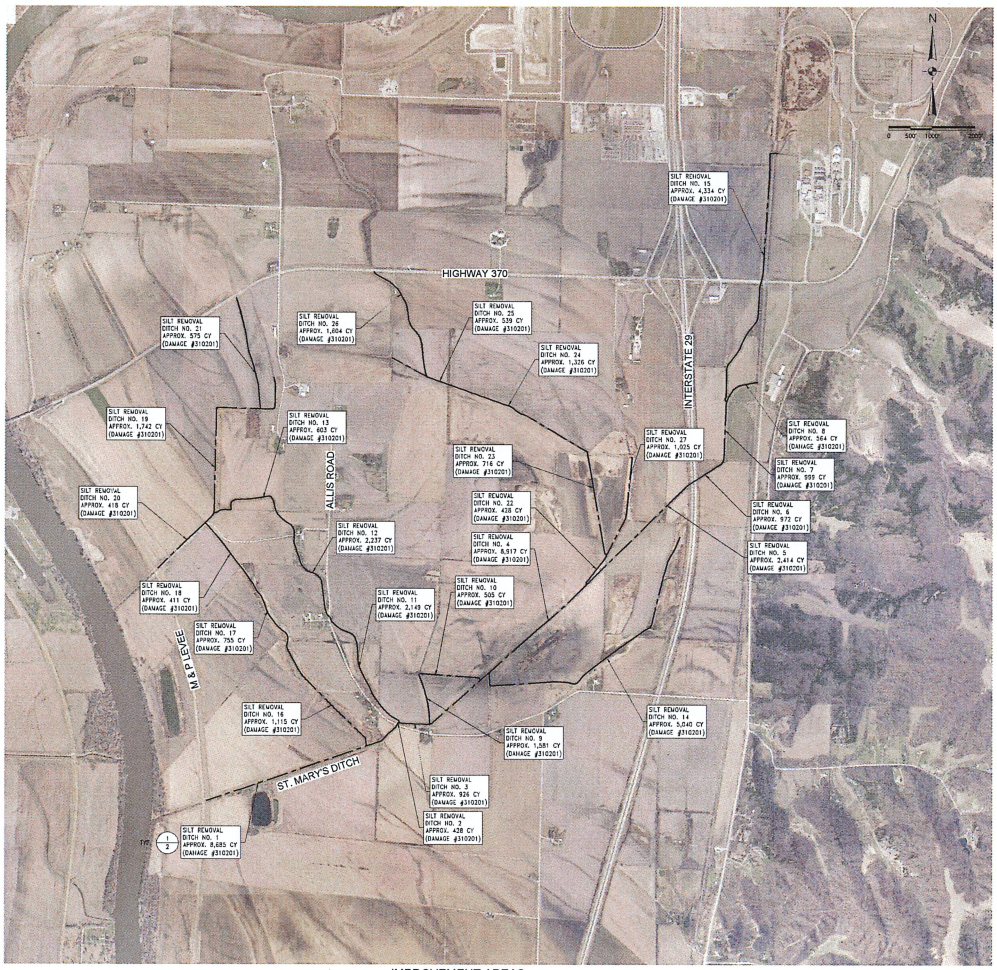
2019 FLOOD RECOVERY
NEW ST. MARY'S DRAINAGE DISTRICT
MILLS COUNTY, IOWA

DESIGNED BY: JFZ
CHECKED BY: JJO
DRAWN BY: ACM

TITLE SHEET
& IMPROVEMENT LOCATION MAP

PROJECT NO. 19045
DATE JANUARY 2020

SHEET NO. 1 of 2



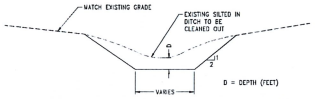
IMPROVEMENT AREAS
SILT REMOVAL

GENERAL NOTES

1. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
2. NO WORK SHALL BE PERFORMED BETWEEN 7 P.M. AND 7 A.M. ON ANY GIVEN DAY OR SUNDAYS OR HOLIDAYS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
3. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS. DO NOT ALLOW WATER TO DRAIN OR TO POND ON PRIVATE PROPERTY.
4. ALL CONSTRUCTION ITEMS CALLED OUT ON THE DRAWINGS AND/OR SPECIFICATIONS, WHICH ARE NOT LISTED ON THE APPROXIMATE QUANTITIES OR BID FORM, SHALL BE CONSIDERED INCIDENTAL CONSTRUCTION (NPI).
5. CONTRACTOR SHALL PROVIDE MEASURES TO MINIMIZE DUST CONTROL.
6. PROVIDE SMOOTH GRADE TRANSITIONS BETWEEN VARYING SLOPES TO AVOID ABRUPT CHANGES IN GRADE.
7. EXCESS CUT MATERIAL SHALL BE DEPOSITED ON DOWNSTREAM SIDE OF DITCH AND SMOOTH OUT FREE OF DEBRIS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STABILIZED CONSTRUCTION ENTRANCES, ROADS INTO THE PROJECT SITES (AS NEEDED), AND ALL REMOVAL AND RESTORATION TO EXISTING CONDITIONS.

DESCRIPTION OF WORK

1. FLOOD WATERS DEPOSITED SILT INTO EACH DRAINAGE DITCH LOCATED WITHIN THE NEW ST. MARY'S DRAINAGE DISTRICT. IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACT TO REMOVE ALL OF THE DEPOSITED SILT AND RESTORE DRAINAGE FUNCTION IN THESE DITCHES. WORK ALSO INCLUDES THE FLUSHING OF ALL CULVERTS LOCATED IN THE DITCHES.



DRAINAGE DITCH SILT REMOVAL

DITCH NO.	LENGTH (FT)	BOTTOM (FT)	SILT DEPTH (FT)	VOLUME (CY)
1	4,450	25	2.0	8,685
2	231	25	2.0	428
3	500	25	2.0	926
4	4,815	25	2.0	8,917
5	2,329	20	1.0	2,414
6	875	20	1.3	972
7	1,349	20	1.0	993
8	762	10	2.0	564
9	1,067	10	4.0	1,581
10	1,363	10	1.0	505
11	2,901	10	2.0	2,149
12	3,020	10	2.0	2,237
13	1,827	10	1.0	603
14	6,804	10	2.0	5,040
15	5,851	10	2.0	4,334
16	3,019	10	1.0	1,115
17	2,038	10	1.0	755
18	1,110	10	1.0	411
19	4,704	10	1.0	1,742
20	1,129	10	1.0	418
21	2,388	6	1.0	575
22	1,156	10	1.0	428
23	1,932	10	1.0	716
24	3,581	10	1.0	1,326
25	1,455	10	1.0	539
26	2,706	8	2.0	1,604
27	2,267	6	2.0	1,025

1/2 DRAINAGE DITCH SILT REMOVAL
NO SCALE

OLMSTED & PERRY
CONSULTING ENGINEERS INC.
10730 PACIFIC STREET SUITE 232
OMAHA, NEBRASKA

REVISIONS

2019 FLOOD RECOVERY
NEW ST. MARY'S DRAINAGE DISTRICT
MILLS COUNTY, IOWA

DESIGNED BY: JPZ
CHECKED BY:
DRAWN BY: ACM

IMPROVEMENT AREAS

PROJECT NO. 19045
DATE JANUARY 2020

SHEET NO. 2 of 2

[DATE: x:\Projects\st marys drainage district\19045\dwg\Base 19045.dwg - Layout1-24x36] [Plot Date: 1/9/2020 8:18 AM]