

**Iowa Flood Mitigation Program (FMP)
Flood Recovery Project Application**

I. Applicant Information

A. Applicant/Community Name	B. Address		City, State, Zip Code	
Plattville 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	
Dennis Lincoln	Chairperson		lincolnridgeview@hotmail.com	
POC PO Box and Zip Code	POC Street Address	POC City, State, Zip Code		POC Phone
51561	18031 US Hwy 34	Pacific Junction, Iowa 51561		(402) 679-1764
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	
	Mills	3	Senate 12	House 23
G. Is the Applicant/Community participating in the National Flood Insurance Program (NFIP)?			Community's CID Number	
No				

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 debris from within the District, removal of silt from existing ditches, removal of inundated stormwater pumping station, embankment and crushed rock installation

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		
Debris Removal	3/15/2020	6/1/2020		Contractor; will be bid
Embankment & Crushed Rock Installation	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: Plattville Drainage District

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 debris removal and silt removal to restore drainage along the Eaton Ditch throughout Plattville Drainage District, removal of a damaged pumping station, and berm embankment repair of flood-damaged areas along the ditch. Project will also include the construction of a stormwater pumping station.
 - 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
 PLATTVILLE DRAINAGE DISTRICT
 MILLS COUNTY, IOWA

PROJECT NO. 19046
 DATE: 1/31/2020

OPINION OF PROBABLE CONSTRUCTION COSTS

DRAFT

NO.	BID ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL
PART A					
1	SITE PREPARATION / MOBILIZATION	1.0	LS	\$1,250.00	\$1,250.00
2	DEBRIS REMOVAL	2,560.0	CY	\$20.00	\$51,200.00
TOTAL UNIT PRICE BID - PART A				\$52,450.00	
PART B					
3	SITE PREPARATION / MOBILIZATION	1.0	LS	\$1,250.00	\$1,250.00
4	INSTALL EMBANKMENT	4,132.0	CY	\$15.00	\$61,980.00
5	INSTALL CRUSHED ROCK	3.0	TON	\$33.00	\$99.00
6	SILT REMOVAL	8,140.0	CY	\$10.00	\$81,400.00
7	REMOVE EXG. DAMAGED PUMPING STATION AND SALVAGE	1.0	LS	\$25,000.00	\$25,000.00
8	SURFACE RESTORATION / SEEDING	1.0	LS	\$2,500.00	\$2,500.00
9	TESTING ALLOWANCE	1.0	ALW	\$2,500.00	\$2,500.00
TOTAL UNIT PRICE BID - PART B				\$174,729.00	

CONSTRUCTION COST	\$227,179.00
CONTINGENCY @20%	\$45,435.80
TOTAL CONSTRUCTION COST	\$272,614.80
SOFT COSTS @0%	
TOTAL PROJECT COST	\$272,614.80

Items not included:

- 1.
- 2.
- 3.
- 4.
- 5.

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2019 FLOOD RECOVERY

PLATTVILLE DRAINAGE DISTRICT

MILLS COUNTY, IOWA

PROJECT NO. 19046

DATE: 1/31/2020

OPINION OF PROBABLE CONSTRUCTION COSTS

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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
 PLATTVILLE DRAINAGE DISTRICT
 MILLS COUNTY, IOWA
 JANUARY 2020

1. BERM EMBANKMENT REPAIR
2. DEBRIS REMOVAL FROM DRAINAGE DITCH
3. SILT REMOVAL FROM DRAINAGE DITCH
4. CULVERT END CLEANOUT
5. REMOVAL OF DAMAGED PUMPING STATION

TRUSTEES

DENNIS LINCOLN, CHAIRPERSON (402) 679-1764
 LARRY LINCOLN (712) 310-1212
 JOE VINTON (402) 690-4266

APPROXIMATE QUANTITIES			
ITEM NO.	BID ITEM DESCRIPTION	QUANTITY	UNIT
1	SITE PREPARATION / MOBILIZATION	1.0	LS
2	DEBRIS REMOVAL	2,560.0	CY
3	INSTALL EMBANKMENT	4,132.0	CY
4	INSTALL CRANES HOOP	3.0	TON
5	REMOVE END DAMAGED PUMPING STATION AND	8,140.0	CF
6	REMOVE END DAMAGED PUMPING STATION AND	1.0	LS
7	REMOVE END DAMAGED PUMPING STATION AND	1.0	LS
8	TESTING ALLOWANCE	1.0	HR

UTILITY INFORMATION

EXISTING UTILITIES, UNDERGROUND STRUCTURES AND SERVICES WERE LOCATED FROM EXISTING OWNER RECORDS, MAPS AND ONE-ON-ONE MEETINGS HELD WITH SUBMITTAL HOLDERS IN THE FIELD. THE ENGINEER MAKES NO GUARANTEE THAT THE INDICATED UTILITIES SHOW CORRECT ALL SIZES 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 OCCUPATION.



PROJECT LOCATION MAP

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 OPEN DAY OR SUNDAYS OR HOLIDAYS WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
3. PROTECT EXISTING DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREAS. DO NOT ALLOW WATER TO DRAY OR TO FLOW ON PRIVATE PROPERTY.
4. ALL CONSTRUCTION ITEMS CALLED OUT ON THE DRAWINGS AND/OR SPECIFICATIONS, WHICH ARE NOT LISTED ON THE APPROXIMATE QUANTITIES OF BID FORM, SHALL BE CONSIDERED INCIDENTAL CONSTRUCTION ITEMS.
5. ALL DEBRIS RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE HAULED OFF-SITE AND PROPERLY DISPOSED. DEBRIS SHALL BE DISPOSED AT THE DEBRIS HILLS REGIONAL SANITARY LANDFILL. ALL CLEARING & GRUBBING REMOVAL SHALL BE SUPERVISED AS DIRECTED BY THE ENGINEER & APPROVED BY THE DISTRICT. EXISTING REMOVAL INCLUDES MAINTENANCE VEGETATION, WOODY DEBRIS, AND SOME MAN-MADE LIMBS. ALL QUANTITIES ARE ESTIMATES.
6. CONTRACTOR SHALL PROVIDE WEARWAYS TO MINIMIZE DUST CONTROL.
7. PROVIDE SMOOTH GRADUATIONS BETWEEN VARYING SLOPES TO AVOID ABRUPT CHANGES IN GRADE.
8. EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE.
9. THE CONTRACTOR SHALL FILL ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS AS DIRECTED BY THE ENGINEER AND PER THE PROJECT MANUAL.
10. EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN 50-150 OR EQUAL.
11. ALL EMBANKMENT QUANTITIES ARE ESTIMATES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ENOUGH FILL / EMBANKMENT MATERIAL TO RETURN BERMS TO PREVIOUS ELEVATIONS AND SLOPES.
12. THE CONTRACTOR SHALL BE REQUIRED TO INSTALL A CONSTRUCTION ENTRANCE AT ANY LOCATION WHERE MACHINERY WILL ENTER/EXIT A TRAVELED HIGHWAY. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL STABILIZED CONSTRUCTION ENTRANCES, ROADS INTO THE PROJECT SITES (AS NEEDED), AND ALL EROSION AND RESTORATION TO EXISTING CONDITIONS.
13. THE BERMS SHALL BE FILLED BY ONE OF THE FOLLOWING OPTIONS:
 A) SAND FILL WITH A CLAY CAP
 B) CONCRETE SOIL THROUGHOUT
14. MILLS COUNTY REQUIRES A \$93.00 FEE FOR ALL MATERIAL HAILED WITHIN THE COUNTY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HOLDING THIS FEE IN HIS BID AND FOR PAYMENT TO THE COUNTY.
15. THE CONTRACTOR SHALL DECONTAMINATE ALL DISTURBED AGRICULTURAL AREAS BY CONSTRUCTION OPERATIONS. DECONTAMINATE WITH A HEAVY DUTY FENCE: PLOW OR DEEP RIPPER AND AS DIRECTED BY THE ENGINEER.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL FILL MATERIAL. ALL BORROW SITES SHALL BE APPROVED BY THE TRUSTEES AND THE ENGINEER.
17. SILT REMOVAL CONSISTS OF REMOVAL OF DEPOSITED SILT WITHIN THE DRAINAGE DITCH AND RESTORATION OF DRAINAGE FUNCTION TO EXISTING EPIFOL. WORK ALSO INCLUDES THE FLUSHING OF ALL CULVERTS LOCATED IN THE DISTRICT.



I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.
 JAMES J. OUSTED, P.E. 8642
 DATE: _____
 MY LICENSE RENEWS DATE 10 DECEMBER 31, 2021.
 SHEETS FOLLOWS BY THIS SEAL: _____ ALL SHEETS

REVISIONS

OLMSTED & PERRY CONSULTING ENGINEERS INC.
 107130 PACIFIC STREET SUITE 232
 OMAHA, NEBRASKA

2019 FLOOD RECOVERY
 PLATTVILLE DRAINAGE DISTRICT
 MILLS COUNTY, IOWA

DESIGNED BY: JZ
 CHECKED BY: JZ
 DRAWN BY: JZ

TITLE SHEET
 & IMPROVEMENT LOCATION MAP

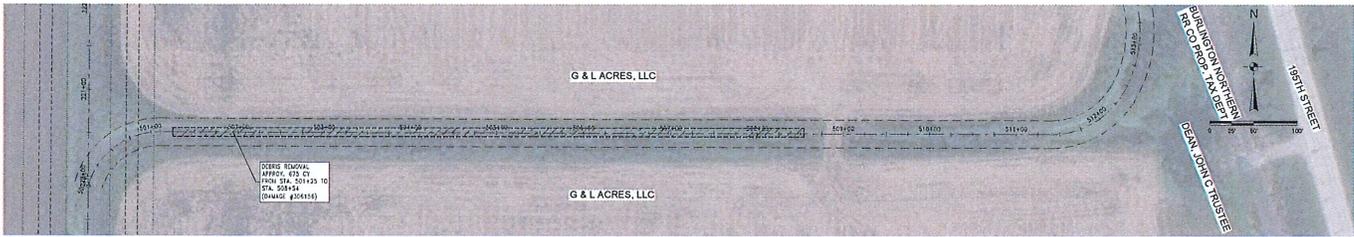
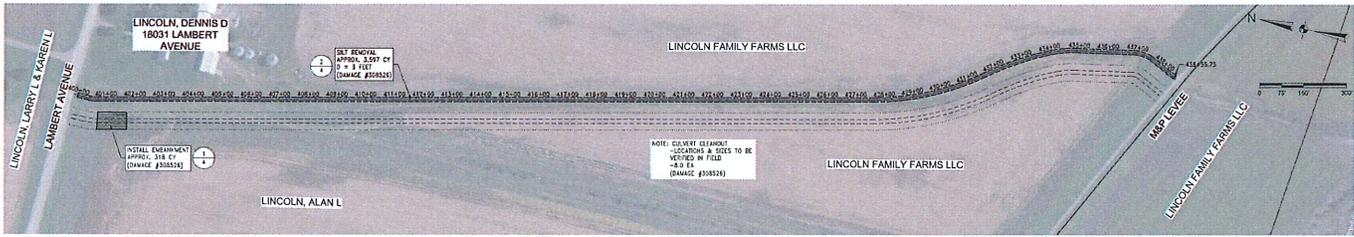
PROJECT NO.: 19044
 DATE: JANUARY 2020

SHEET NO.: 1 of 4

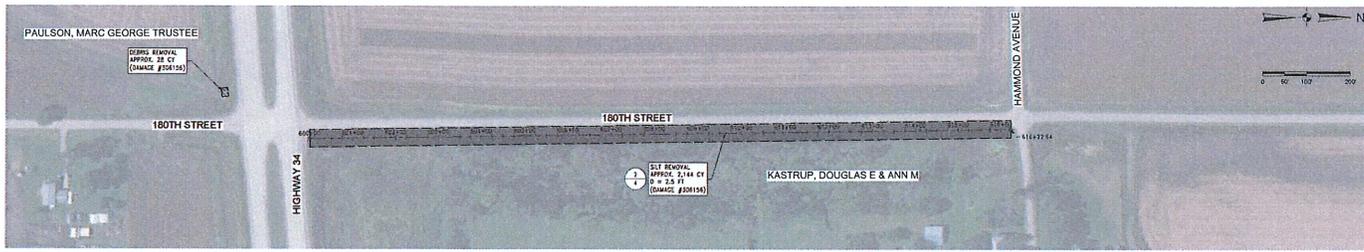


DATE: 4/16/2020 10:00 AM
 FILE: 4/16/2020 10:00 AM
 PROJECT: 19044
 SHEET: 1 of 4

DATE: A:\Projects\2019\2019 Flood Recovery\Drawings\2019 Flood Recovery - 10/1/2019.dwg (Plot Date: 2/7/2020 8:52 AM)



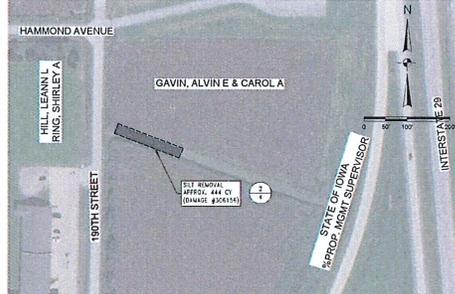
SHEET NO.	3	PROJECT NO.	1904	DRAWN BY:	JZ	CHECKED BY:	JZ	DATE	JANUARY 2020
	of		4						
IMPROVEMENT AREAS									
2019 FLOOD RECOVERY PLATTVILLE DRAINAGE DISTRICT MILLS COUNTY, IOWA									
REVISIONS									
OLMSTED & PERRY CONSULTING ENGINEERS INC. 10730 PACIFIC STREET SUITE 232 OMAHA, NEBRASKA									



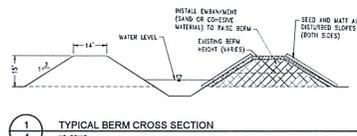
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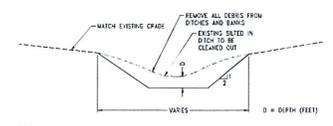
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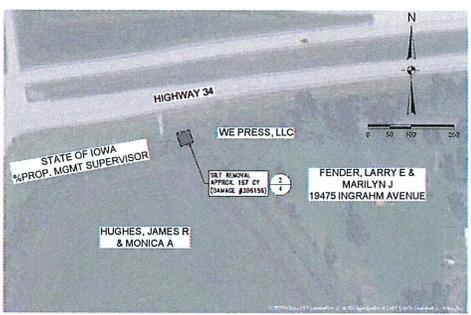
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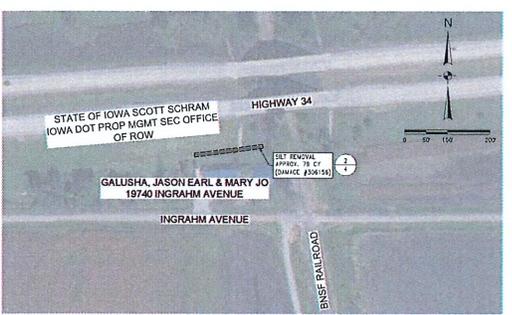
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4 TYPICAL BERM CROSS SECTION
NO SCALE



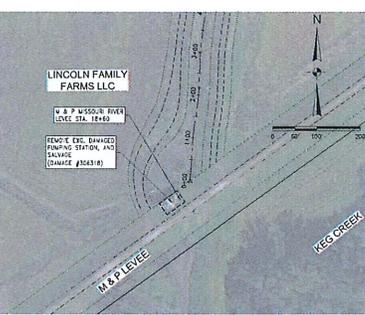
2
4 DRAINAGE DITCH DEBRIS / SILT REMOVAL
NO SCALE



IMPROVEMENT AREA 10



IMPROVEMENT AREA 11



IMPROVEMENT AREA 12

PROJECT: 2019 Flood Recovery - Platteville Drainage District, Mills County, Iowa
 SHEET NO.: 4 of 4
 DATE: JANUARY 2020

REVISIONS	OLMSTED & PERRY CONSULTING ENGINEERS INC. 10730 PACIFIC STREET SUITE 232 OMAHA, NEBRASKA
PROJECT	2019 FLOOD RECOVERY PLATTVILLE DRAINAGE DISTRICT MILLS COUNTY, IOWA
DESIGNED BY:	JTZ
CHECKED BY:	JTZ
DRAWN BY:	CM
SHEET NO.	4 of 4
PROJECT NO.	19046
DATE	JANUARY 2020