

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.

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

I. Applicant Information

A. Applicant/Community Name	B. Address		City, State, Zip Code
Pleasant Valley Levee District	2219 160th Street		Thurman, Iowa 51654

C. Point of Contact (POC) Name for Project	POC Title	POC Agency	POC Email
John Askew	Sponsor		askew.john@gmail.com

POC PO Box and Zip Code	POC Street Address	POC City, State, Zip Code	POC Phone
51654	2219 160th Street	Thurman, Iowa 51654	712-574-3626

Alternate POC Name or Authorized Representative	Alt POC Title	Alt POC Agency		Alternate POC Email

Alt POC PO Box and Zip Code	Alt POC Street Address	Alt POC City, State, Zip Code	Alt POC Phone

D. Federal Tax ID # / FEIN	E. County Name	F. US Congressional District(s)	State Legislative Districts	
			Senate	House
	Fremont	Third	12	23

G. Is the Applicant/Community participating in the National Flood Insurance Program (NFIP)?	Community's CID Number

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.

The project will keep I-29 and the BN Railroad open to all commerce and traffic. It will keep open a major intersection for local and regional traffic to Council Bluffs and Omaha. This project will protect over 12,000 agricultural acres and provide security to over 20 homeowners that were impacted.

B. Provide a brief description of the financial assistance need through the Flood Recovery Fund.

The USACE will provide all major funding for the emergency repairs and the Strategic Setback, except for consolidated fill procured from private lands, any gates deemed an improvements, and any easement and damages to landowners that occur from this project. Pleasant Valley Levee District will be responsible for those costs, estimated to be \$862,000 out of a projected \$40,000,000 cost.

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.

Pleasant Valley Levee District has the ability to tax houses and ag land in our district. Before the flood, we had over 20 houses and 12,000 acres of ag land. Our annual budget was just over \$15,000, which went to ongoing maintenance and repairs. We would find it an extreme hardship to be able to cover those costs in the future. Most of the benefit of this healthy Levee section is to people outside this district, keeping I-29 and the BN Railroad open.

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

FEMA has already turned down our request for fill and easements. We have \$38,000 in our account right now, with that already spoken for with debris removal and other ongoing maintenance.

E. Description of Project Location (i.e. Latitude and Longitude (minimum 6 digits after the decimal), Neighborhood, Subdivision, Geographic Boundaries, Driving Directions, etc.)

L-594 Federal Levee Section on the Missouri River Levee System, located 3 miles west of McPaul, Iowa.

IV. Work Schedule

A. List the major milestones for this project.

Task	Months/Years from Award			Responsible Party
	Start	Complete		
Emergency Consolidated Fill	1/1/2020	5/1/2020		Pleasant Valley Levee District
Breach Repairs- Interim	1/1/2020	5/1/2020		USACE
Breach Repairs - Permanent	5/1/2020	12/31/2020		USACE/Pleasant Valley Levee District
Total Project Duration:	12 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
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: Pleasant Valley Levee 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.

Pleasant Valley Levee District is the sponsor of a 5.6 mile section of the L-594 Federal Levee system located on the mainstem Missouri River Levee system. It is currently active in the USACE SWIF program and is currently under repair under the PL 84-99 program. There was a series of 5 breaches in the system and one has been permanently closed with a final elevation that matches the pre-flood elevation. Four of the breaches have interim fixes that are or will soon be at the 100 year flood level. The 594 protects almost 12,000 acres of cropland, had a pre-flood population of over 20 houses. It also protects both the main line of the BN Railroad and Interstate I-29 with the McPaul Exit which serve a large portion of local and regional traffic from SW Iowa to the Omaha area and Interstate 80. This project will ensure that Interstate traffic will continue to flow, SW Iowa will have improved access to that Interstate, BN trains will continue to use a route the supplies coal to major population areas, and protect over 12,000 acres of farmland. The addition of a strategic setback being proposed will increase the ability to handle higher flows on the Missouri and remove a major pinch point that has impacted the northern edge of L-575, resulting in disastrous breaches impacting US-2, the cities of Percival and Hamburg, and over 50,000 acres of farmland.

ii. Map(s) identifying project area.

See attached maps showing the properties and locational area within Fremont County

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.

USACE has paid for all repairs so far. The total has reached over \$20,000,000. Pleasant valley Levee District is responsible for any fill needed and any easements and damages needed under Iowa Code. The scarcity of consolidated fill and quantities that are dry enough to compact correctly have left us to find fill not only on State and Federal Land, but on local Private lands. We are looking at zero cost to the District if we can use the State and Federal land, but a nominal amount is required to pay landowners to take land out of production. The Alternative analysis for the setback estimates 20.3 acres of additional land easement for the levee footprint and moving

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

**STATE OF IOWA
DESIGNATION OF APPLICANT'S AUTHORIZED REPRESENTATIVE**

John B. Askew is hereby authorized to execute on behalf of
(Name of Representative)

Pleasant Valley Levee District this mitigation project and to file it with
(Applicant Entity)

Iowa Homeland Security and Emergency Management (HSEMD) for the purpose of obtaining financial assistance under the Flood Mitigation Bill, Senate File 2217.

Signed _____
(Date)

Chief Executive Officer
(Print Name and Title)

(Signature)

Applicant's Authorized Representative
(Print Name and Title)

(Signature)

Attested: _____
(Print Name and Title)

(Signature)

(Please print or type except for signature)

In order for the State of Iowa to pay you the amount that is due to you and to comply with the IRS regulations on reporting these payments, we are requesting the following information. Failure to provide this information will result in withholding of payment.

BOX A

Are you/your business: YES NO

Individual [I]	<input type="checkbox"/>	<input checked="" type="checkbox"/>
or Sole Proprietorship [S]	<input type="checkbox"/>	<input checked="" type="checkbox"/>

If the answer to both was no, please complete Box B.

If you answered yes to either item, please provide Your Social Security number:

____ - ____ - ____

AND

Complete the Name and Address below:

Last Name: First Name: MI

Doing Business As:

Address:

Address:

City: State Zip

BOX B

Is your business: YES NO

Corporation [C]	<input type="checkbox"/>	<input type="checkbox"/>
Partnership [P]	<input type="checkbox"/>	<input type="checkbox"/>
Estate of Trust [E]	<input type="checkbox"/>	<input type="checkbox"/>
Public Service Corp [U]	<input type="checkbox"/>	<input type="checkbox"/>
Government [G]	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other [O]	<input type="checkbox"/>	<input type="checkbox"/>

Please Explain: _____

Please provide us with your

Federal Employer Identification number:

AND

Complete the Name and Address below:

Last Name: First Name: MI

Doing Business As:

Pleasant Valley Levee District

Address:

2219 160th Street

Address:

City, State Zip

Thurman, Iowa 51654

CERTIFICATION MUST BE SIGNED BY VENDOR

Certification - Under penalties of perjury, I certify that:

- (1) The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- (2) I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividend, or (c) the IRS has notified me that I am no longer subject to backup withholding.

Signature: _____

Date: _____

FOR OFFICE USE ONLY (Refer to Procedure 270.450 for more details)

From: Dept. _____

- Add
- Change (Include vendor code and changes only)
- Delete

Contact: _____

Added For Purchasing:

<input type="checkbox"/> Yes	<input type="checkbox"/> No
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Reason:

Minority Impact Statement

Pursuant to 2008 Iowa Acts, HF 2393, Iowa Code Section 8.11, all funding applications submitted to the S of Iowa shall include a Minority Impact Statement. This is the state's mechanism to require applicants to consider the potential impact of the project's proposed programs or policies on minority groups.

Please choose the statement(s) that pertains to this application. Complete all the information requested for the chosen statement(s).

The proposed project programs or policies could have a disproportionate or unique **positive** impact on minority persons.

Describe the positive impact expected from this project

Indicate which group is impacted:

- Women
- Persons with a Disability
- Blacks
- Latinos
- Asians
- Pacific Islanders
- American Indians
- Alaskan Native Americans
- Other

The proposed project programs or policies could have a disproportionate or unique **negative** impact on minority persons.

Describe the negative impact expected from this project

Present the rationale for the existence of the proposed program or policy.

Provide evidence of consultation of representatives of the minority groups impacted.

Indicate which group is impacted:

- Women
- Persons with a Disability
- Blacks

- Latinos
- Asians
- Pacific Islanders
- American Indians
- Alaskan Native Americans
- Other

The proposed project programs or policies are **not expected to have** a disproportionate or uni-impact on minority persons.

Present the rationale for determining no impact.

Keeping interstate open and rairoad open helps everyone.

I hereby certify that the information on this form is complete and accurate, to the best of my knowledge:

Printed Name

Title

Signature

Date

Definitions

"Minority Persons", as defined in Iowa Code Section 8.11, mean individuals who are women, persons with a disability, Blacks, Latin Asians or Pacific Islanders, American Indians, and Alaskan Native Americans.

"Disability", as defined in Iowa Code Section 15.102, subsection 5, paragraph "b", subparagraph (1):

b. As used in this subsection:

- (1) "*Disability*" means, with respect to an individual, a physical or mental impairment that substantially limits one or more major life activities of the individual, a record of physical or mental impairment that substantially limits one or more of major life activities of the individual, or being regarded as an individual with a physical or mental impairment that substantially limits one or more of the major life activities of the individual.

"*Disability*" does not include any of the following:

- (a) Homosexual or bisexuality.
- (b) Transvestism, transsexualism, pedophilia, exhibitionism, voyeurism, gender identity disorders not resulting from physical impairments or other sexual behavior disorders.
- (c) Compulsive gambling, kleptomania, or pyromania
- (d) Psychoactive substance abuse disorders resulting from current illegal use of drugs.

"State Agency", as defined in Iowa Code Section 8.11, means a department, board, bureau, commission, or other agency or author the State of Iowa.

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44.8 acres Levee Footprint

-24.5

20.3 acres additional

122,000

65.2 acres land side to River Side

195,000

317,600

345,000 CY Cohesive @ \$1/cy

\$ 345,000

662,600

L-594 ALTERNATIVES ANALYSIS

Outlet Breaches

U.S. Army Corps of Engineers
Omaha District



"The views, opinions and findings contained in this report are those of the author(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation."

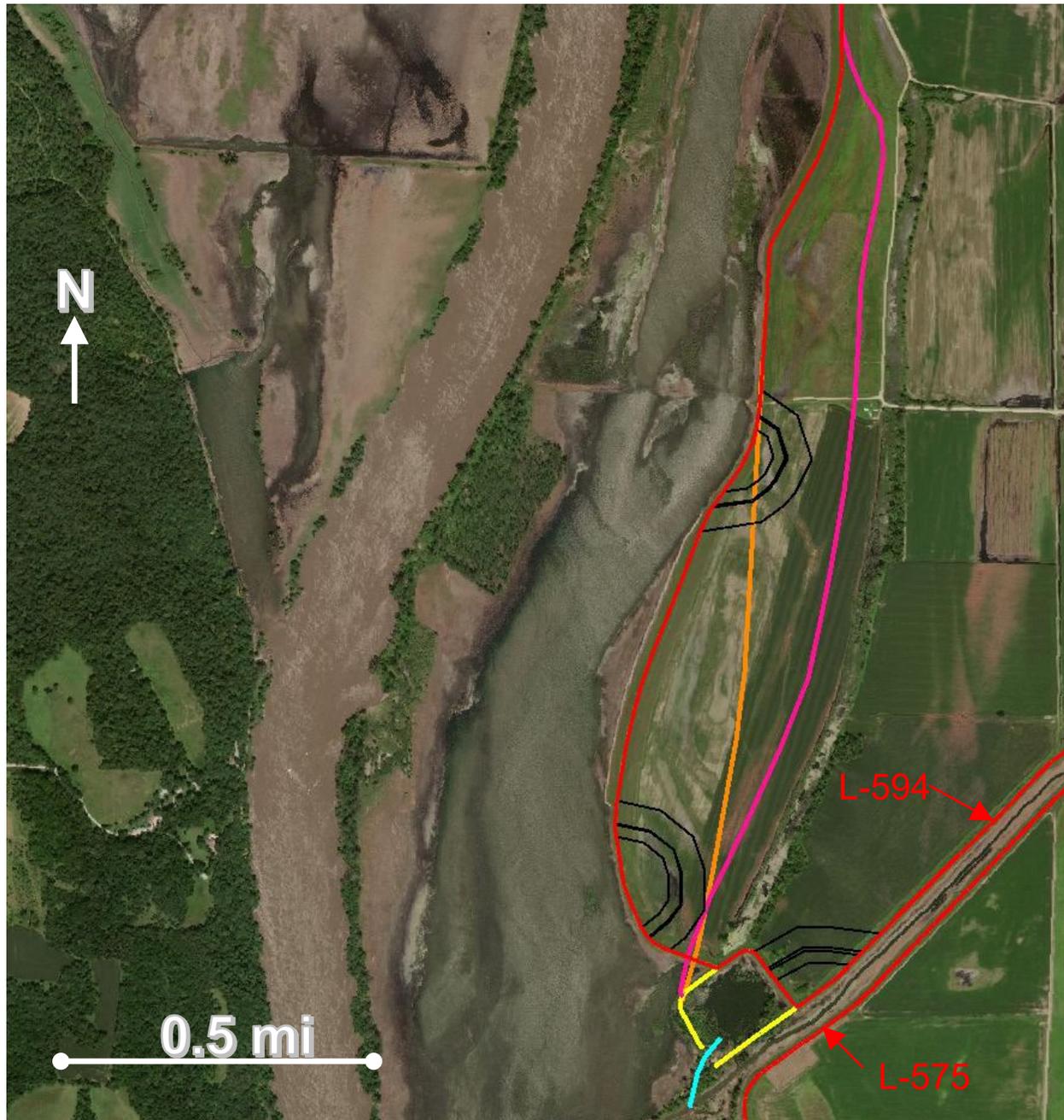


US Army Corps
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NOTE:
TAMTER GATE

L-594 Levee Alternatives Overview



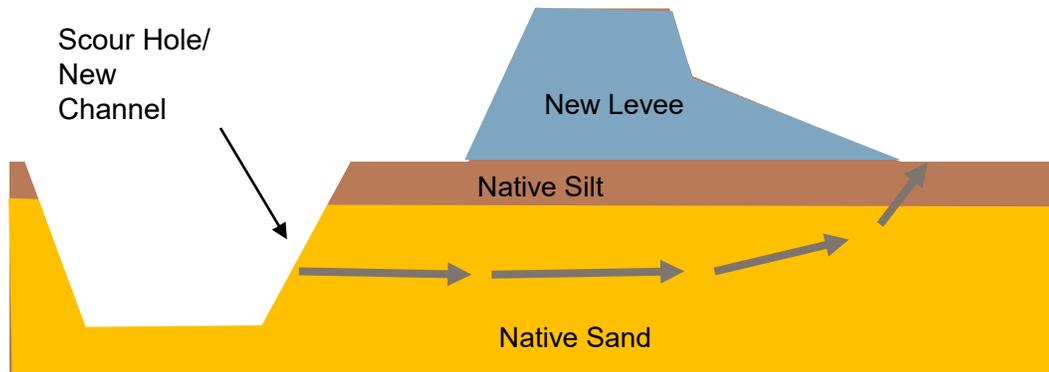
- Red**-Existing levee alignments
- Orange**-Alternative 1
- Dark Pink** -Alternative 2
- Yellow**-Existing levee remnants to be rebuilt as trailing levees
- Cyan**-Re route drainage ditch
- Black**-Temporary breach closures (ongoing)



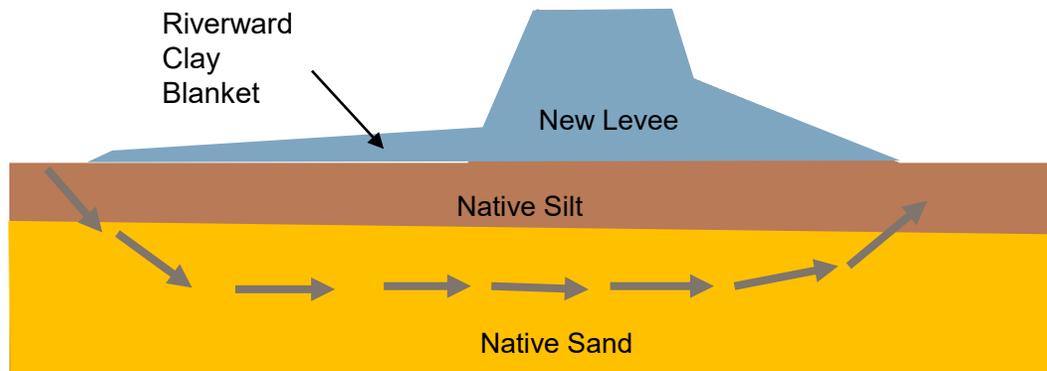
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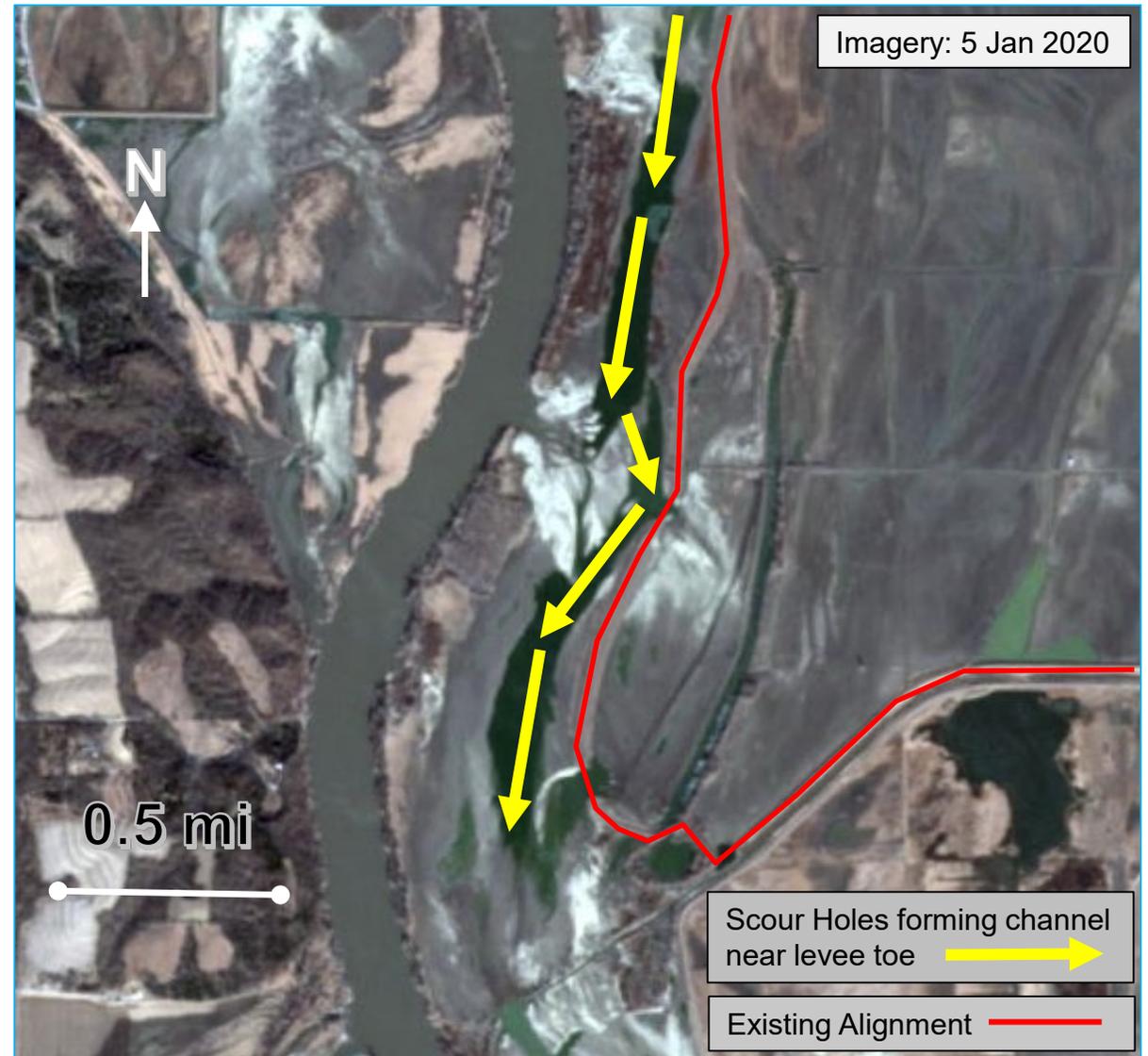
L-594 SETBACK



Inline Repair Entrance Condition



Setback Entrance Condition



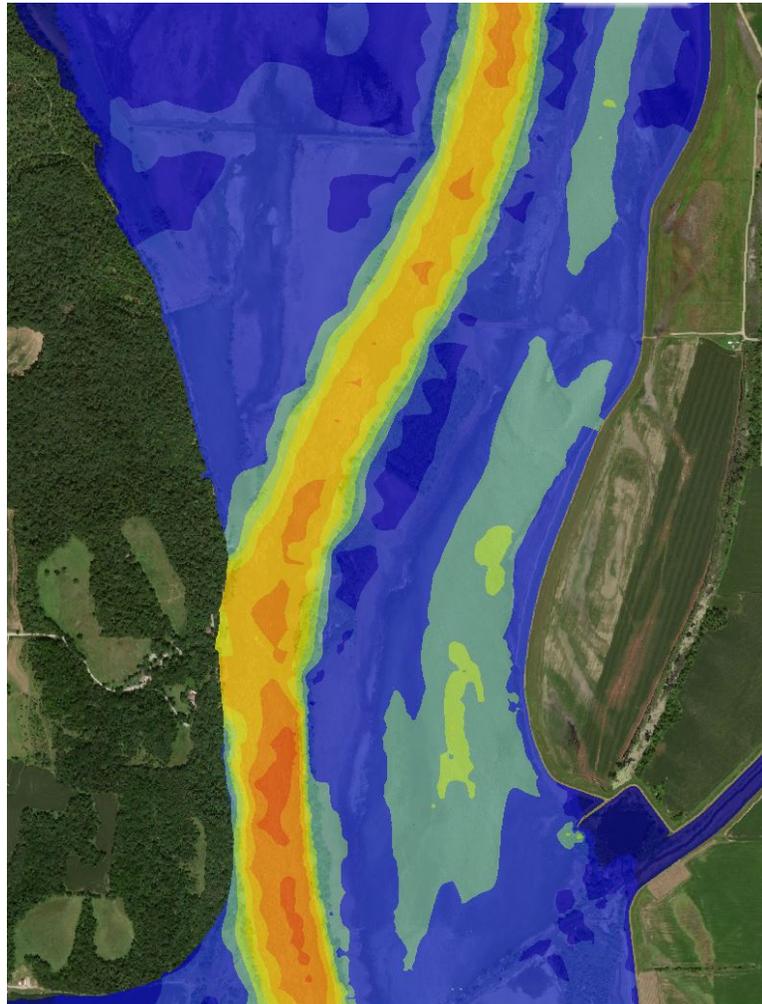
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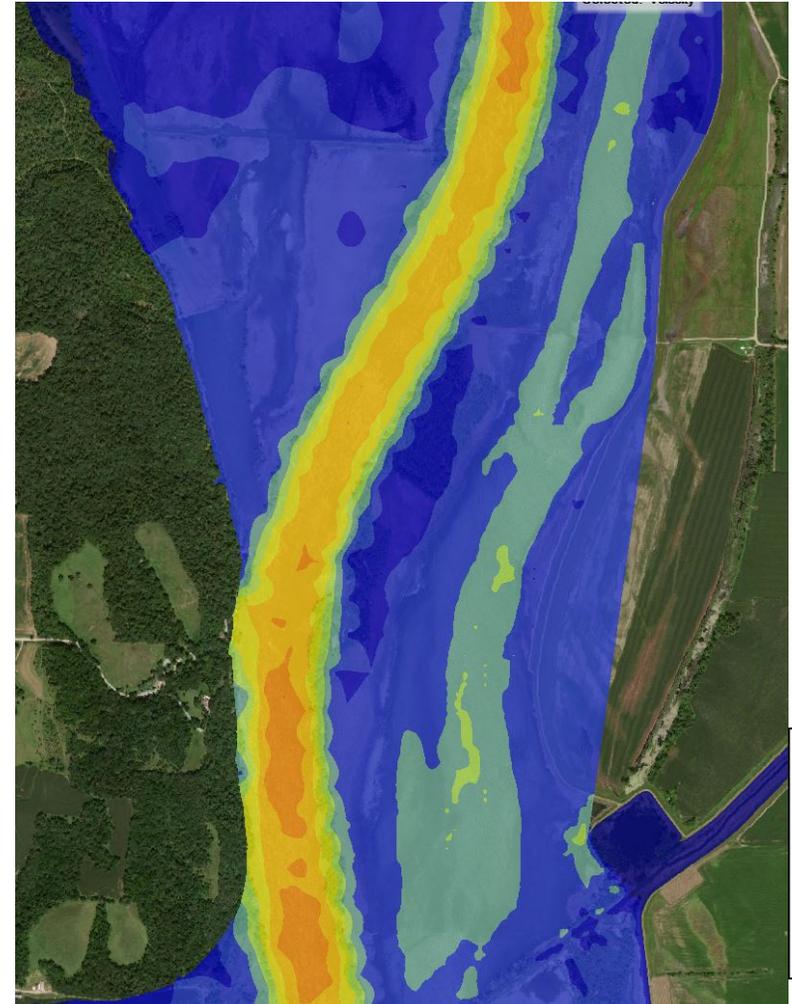
Alternative 1



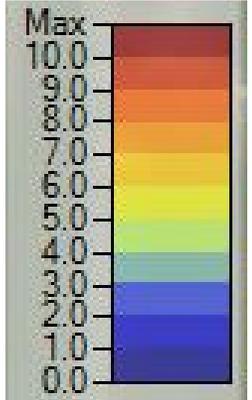
Existing Velocities



Alternative 1 Velocities



Velocity legend (ft/s)



Discharge
~320,000 ft³/s

Between 200-yr
and 500yr flood
event

Additional Real Estate Required: 52 acres
Sponsor provided clay borrow: 120,000 cy



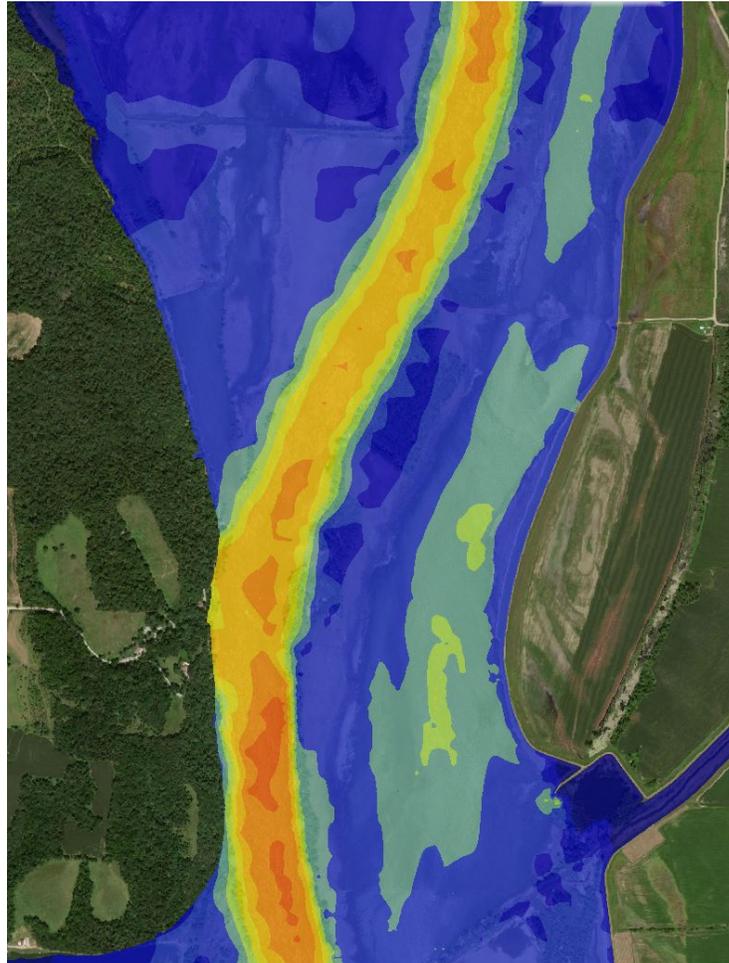
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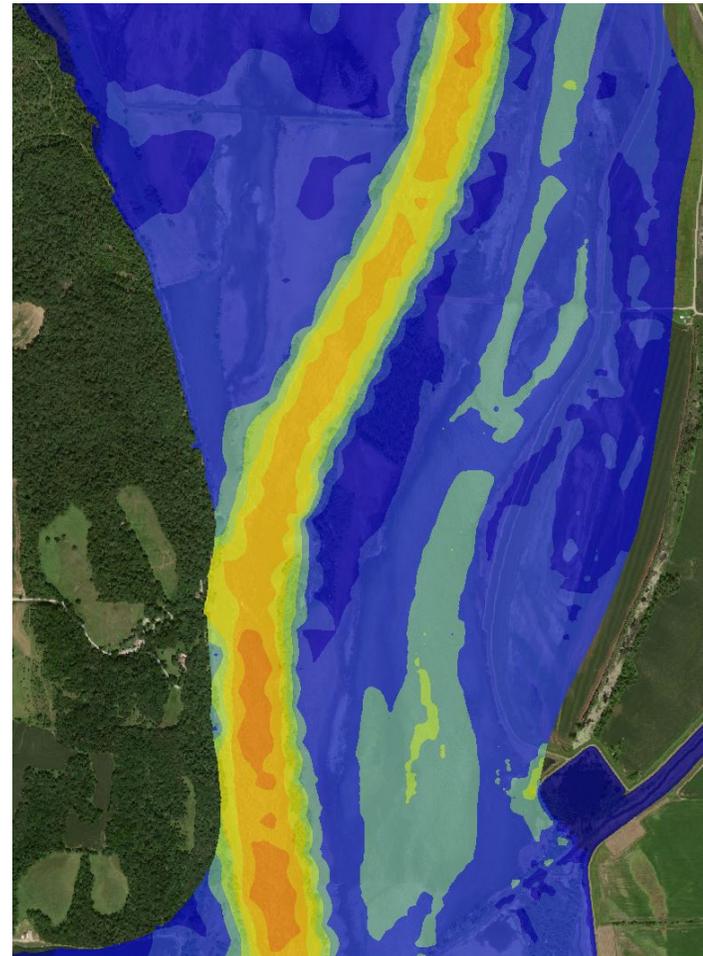
Alternative 2



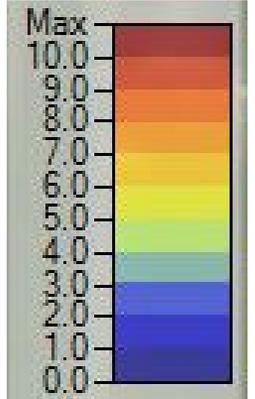
Existing Velocities



Alternative 2 Velocities



Velocity
legend
(ft/s)



Discharge
~320,000 ft³/s

Between 200-yr
and 500yr flood
event

Additional Real Estate Required: 76 acres
Sponsor provided clay borrow: 180,000 cy



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