

From: [Mangan, Matthew](#)
To: [Day, Zachary A CIV \(USA\)](#)
Subject: [Non-DoD Source] Re: [EXTERNAL] Kaskaskia Port CAP 107 Project
Date: Wednesday, April 24, 2024 4:57:10 PM

I can simply provide FWCA comments in a response letter to the EA and public notice. If you needed a planning aid letter I could provide one but I think our discussion basically covered everything I would put in a letter anyways.

Matt Mangan (he/him)
Fish and Wildlife Biologist
US Fish and Wildlife Service
6987 Headquarters Road
Marion, IL 62959

618-998-5945
618-364-5389 Cell
matthew_mangan@fws.gov

From: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>
Sent: Tuesday, April 23, 2024 10:45 AM
To: Mangan, Matthew <Matthew_Mangan@fws.gov>
Subject: RE: [EXTERNAL] Kaskaskia Port CAP 107 Project

Matt,

I know this conversation happened over a month ago, but just wanted to follow up in regard to the screening of the Kasky Port Project. The North oxbow was screened out. So now that it has been narrowed down to only dredging the South Oxbow, would you prefer a Coordination Act Report or a Planning Aid Letter? If you want to call me to discuss or need a refresher on what is going on, I am available to talk on my cell or on Teams all day.

Zachary Day
Biologist
CEMVP-PDC
U.S. Army Corps of Engineers
1222 Spruce St
St. Louis, MO 63103
(Office) 314-331-8027
(Cell) 725-300-7139

From: Mangan, Matthew <Matthew_Mangan@fws.gov>
Sent: Monday, March 11, 2024 4:09 PM
To: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>
Cc: Allen, Teresa C (Teri) CIV USARMY CEMVP (USA) <Teresa.C.Allen@usace.army.mil>

Subject: [Non-DoD Source] Re: [EXTERNAL] Kaskaskia Port CAP 107 Project

I might be able to make 1:00 work depending on what time I get back from field training I am presenting at. Why don't you send me a calendar invite for 1:00 and I will let you know that day if I need to reschedule. I should be back home or to the office by 12:30 so should work out.

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From: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>
Sent: Monday, March 11, 2024 1:40 PM
To: Mangan, Matthew <Matthew_Mangan@fws.gov>
Cc: Allen, Teresa C (Teri) CIV USARMY CEMVP (USA) <Teresa.C.Allen@usace.army.mil>
Subject: RE: [EXTERNAL] Kaskaskia Port CAP 107 Project

Matt,

Do you have time this Thursday to discuss the plan moving forward? Does either 10am, noon, or 1pm work for you?

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From: Mangan, Matthew <Matthew_Mangan@fws.gov>
Sent: Monday, March 11, 2024 10:46 AM
To: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>
Cc: Buchanan, Janet I CIV USARMY CEMVP (USA) <Janet.I.Buchanan@usace.army.mil>
Subject: [Non-DoD Source] Re: [EXTERNAL] Kaskaskia Port CAP 107 Project

Zachary,

It really depends on the project and coordination approach for a project. We often provide coordination during project planning that can constitute a planning aid letter. However, if needed we can provide a technical assistance/planning aid letter for projects. A coordination act report is generally associated with large projects that involve a habitat evaluation process. We can also provide coordination act comments in a letter response to an EA or EIS. It largely depends on how the project is being coordinated and evaluated under NEPA.

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From: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>
Sent: Thursday, March 7, 2024 11:44 AM
To: Mangan, Matthew <Matthew_Mangan@fws.gov>
Cc: Buchanan, Janet I CIV USARMY CEMVP (USA) <Janet.I.Buchanan@usace.army.mil>
Subject: RE: [EXTERNAL] Kaskaskia Port CAP 107 Project

Matt,

Would a Coordination Act Report or a Planning Aid Letter be necessary for this CAP project?

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From: Mangan, Matthew <Matthew_Mangan@fws.gov>
Sent: Wednesday, March 6, 2024 3:16 PM
To: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>
Subject: [Non-DoD Source] Re: [EXTERNAL] Kaskaskia Port CAP 107 Project

Thanks, I will let you know that there are Indiana bat capture records from just downstream of the project area and so any tree clearing will have to be evaluated for potential impacts.

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From: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>
Sent: Wednesday, March 6, 2024 2:20 PM
To: Mangan, Matthew <Matthew_Mangan@fws.gov>
Subject: RE: [EXTERNAL] Kaskaskia Port CAP 107 Project

Matt,

Attached is a KMZ of the proposed project area. The KRPD and the Kaskaskia Port is wanting to dredge the South and North oxbows for shipping capabilities. Dredge material would be placed mostly in agricultural land, with the exception of DD-2. This project is still being screened for possible alternatives. I will update you after the screening takes place. If you have any other questions or concerns, please do not hesitate to reach out via email or phone.

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From: Mangan, Matthew <Matthew_Mangan@fws.gov>
Sent: Tuesday, March 5, 2024 3:23 PM
To: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>
Subject: [Non-DoD Source] Re: [EXTERNAL] Kaskaskia Port CAP 107 Project

I may have seen something on this awhile back but nothing recent. If you have updated information you could send it my way just to be sure I have everything.

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From: Day, Zachary A CIV (USA) <Zachary.A.Day2@usace.army.mil>

Sent: Tuesday, March 5, 2024 12:27 PM

To: Mangan, Matthew <Matthew_Mangan@fws.gov>

Subject: [EXTERNAL] Kaskaskia Port CAP 107 Project

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Matt,

I just wanted to touch base and see if you were aware or are familiar with the the Kaskaskia Port CAP 107 project that is currently being sent through the pre TSP process internally here. The project proposes dredging at the South and North Oxbow of the Kaskaskia Port. If you are not tracking the project, please let me know and I will send you all the current information I have regarding it. Thank you!

Zachary Day

Biologist

CEMVP-PDC

U.S. Army Corps of Engineers

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United States Department of the Interior

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<https://www.fws.gov/office/illinois-iowa-ecological-services>



In Reply Refer To:

07/08/2024 15:42:03 UTC

Project Code: 2023-0133946

Project Name: CAP 107 Kaskaskia Port

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat, if present, within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) **the accuracy of this species list should be verified after 90 days**. This verification can be completed formally or informally. You may verify the list by visiting the Information for Planning and Consultation (IPaC) website <https://ipac.ecosphere.fws.gov> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list.

Section 7 Consultation

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the U.S. Fish and Wildlife Service (Service) if they determine their project "may affect" listed species or designated critical habitat. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action may affect endangered, threatened, or

proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service to make "no effect" determinations. If you determine that your proposed action will have no effect on threatened or endangered species or their respective designated critical habitat, you do not need to seek concurrence with the Service.

Note: For some species or projects, IPaC will present you with *Determination Keys*. You may be able to use one or more Determination Keys to conclude consultation on your action for species covered by those keys.

Technical Assistance for Listed Species

1. For assistance in determining if suitable habitat for listed, candidate, or proposed species occurs within your project area or if species may be affected by project activities, you can obtain information on the species life history, species status, current range, and other documents by selecting the species from the thumbnails or list view and visiting the species profile page.???????

No Effect Determinations for Listed Species

1. If there are *no* species or designated critical habitats on the Endangered Species portion of the species list: conclude "no species and no critical habitat present" and document your finding in your project records. No consultation under ESA section 7(a)(2) is required if the action would result in no effects to listed species or critical habitat. Maintain a copy of this letter and IPaC official species list for your records.
2. If any species or designated critical habitat are listed as potentially present in the **action area** of the proposed project the project proponents are responsible for determining if the proposed action will have "no effect" on any federally listed species or critical habitat. No effect, with respect to species, means that no individuals of a species will be exposed to any consequence of a federal action or that they will not respond to such exposure.
3. If the species habitat is not present within the action area or current data (surveys) for the species in the action area are negative: conclude "no species habitat or species present" and document your finding in your project records. For example, if the project area is located entirely within a "developed area" (an area that is already graveled/paved or supports structures and the only vegetation is limited to frequently mowed grass or conventional landscaping, is located within an existing maintained facility yard, or is in cultivated cropland conclude no species habitat present. Be careful when assessing actions that affect: 1) rights-of-ways that contains natural or semi-natural vegetation despite periodic mowing or other management; structures that have been known to support listed species (example: bridges), and 2) surface water or groundwater. Several species inhabit rights-of-ways, and you should carefully consider effects to surface water or groundwater, which often extend outside of a project's immediate footprint.
4. Adequacy of Information & Surveys - Agencies may base their determinations on the best evidence that is available or can be developed during consultation. Agencies must give the benefit of any doubt to the species when there are any inadequacies in the

information. Inadequacies may include uncertainty in any step of the analysis. To provide adequate information on which to base a determination, it may be appropriate to conduct surveys to determine whether listed species or their habitats are present in the action area. Please contact our office for more information or see the survey guidelines that the Service has made available in IPaC.

May Effect Determinations for Listed Species

1. If the species habitat is present within the action area and survey data is unavailable or inconclusive: assume the species is present or plan and implement surveys and interpret results in coordination with our office. If assuming species present or surveys for the species are positive continue with the may affect determination process. May affect, with respect to a species, is the appropriate conclusion when a species might be exposed to a consequence of a federal action and could respond to that exposure. For critical habitat, 'may affect' is the appropriate conclusion if the action area overlaps with mapped areas of critical habitat and an essential physical or biological feature may be exposed to a consequence of a federal action and could change in response to that exposure.
2. Identify stressors or effects to the species and to the essential physical and biological features of critical habitat that overlaps with the action area. Consider all consequences of the action and assess the potential for each life stage of the species that occurs in the action area to be exposed to the stressors. Deconstruct the action into its component parts to be sure that you do not miss any part of the action that could cause effects to the species or physical and biological features of critical habitat. Stressors that affect species' resources may have consequences even if the species is not present when the project is implemented.
3. If no listed or proposed species will be exposed to stressors caused by the action, a 'no effect' determination may be appropriate – be sure to separately assess effects to critical habitat, if any overlaps with the action area. If you determined that the proposed action or other activities that are caused by the proposed action may affect a species or critical habitat, the next step is to describe the manner in which they will respond or be altered. Specifically, to assess whether the species/critical habitat is "not likely to be adversely affected" or "likely to be adversely affected."
4. Determine how the habitat or the resource will respond to the proposed action (for example, changes in habitat quality, quantity, availability, or distribution), and assess how the species is expected to respond to the effects to its habitat or other resources. Critical habitat analyses focus on how the proposed action will affect the physical and biological features of the critical habitat in the action area. If there will be only beneficial effects or the effects of the action are expected to be insignificant or discountable, conclude "may affect, not likely to adversely affect" and submit your finding and supporting rationale to our office and request concurrence.
5. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, check IPaC for species-specific Section 7 guidance and conservation measures to determine whether there are any measures that may be implemented to avoid or minimize the negative effects. If you modify your proposed action to include conservation measures, assess how inclusion of those measures will likely change the

effects of the action. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, contact our office for assistance.

6. Letters with requests for consultation or correspondence about your project should include the Consultation Tracking Number in the header. Electronic submission is preferred.

For additional information on completing Section 7 Consultation including a Glossary of Terms used in the Section 7 Process, information requirements for completing Section 7, and example letters visit the Midwest Region Section 7 Consultations website at: <https://www.fws.gov/library/collections/midwest-region-section-7-consultations>.

You may find more specific information on completing Section 7 on communication towers and transmission lines on the following websites:

- Incidental Take Beneficial Practices: Power Lines - <https://www.fws.gov/story/incidental-take-beneficial-practices-power-lines>
- Recommended Best Practices for Communication Tower Design, Siting, Construction, Operation, Maintenance, and Decommissioning. - <https://www.fws.gov/media/recommended-best-practices-communication-tower-design-siting-construction-operation>

Tricolored Bat Update

On September 14, 2022, the Service published a proposal in the Federal Register to list the tricolored bat (*Perimyotis subflavus*) as endangered under the Endangered Species Act (ESA). The Service has up to 12-months from the date the proposal published to make a final determination, either to list the tricolored bat under the Act or to withdraw the proposal. The Service determined the bat faces extinction primarily due to the rangewide impacts of white-nose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across North America. Because tricolored bat populations have been greatly reduced due to WNS, surviving bat populations are now more vulnerable to other stressors such as human disturbance and habitat loss. Species proposed for listing are not afforded protection under the ESA; however, as soon as a listing becomes effective (typically 30 days after publication of the final rule in the Federal Register), the prohibitions against jeopardizing its continued existence and “take” will apply. Therefore, if your future or existing project has the potential to adversely affect tricolored bats after the potential new listing goes into effect, we recommend that the effects of the project on tricolored bat and their habitat be analyzed to determine whether authorization under ESA section 7 or 10 is necessary. Projects with an existing section 7 biological opinion may require reinitiation of consultation, and projects with an existing section 10 incidental take permit may require an amendment to provide uninterrupted authorization for covered activities. Contact our office for assistance.

Bald and Golden Eagles

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act, as are golden eagles. Projects affecting these species may require measures to avoid harming eagles

or may require a permit. If your project is near an eagle nest or winter roost area, please contact our office for further coordination. For more information on permits and other eagle information visit our website <https://www.fws.gov/library/collections/bald-and-golden-eagle-management>.

We appreciate your concern for threatened and endangered species. Please feel free to contact our office with questions or for additional information.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Southern Illinois Sub-Office

Southern Illinois Sub-office

8588 Route 148

Marion, IL 62959-5822

(618) 998-5945

PROJECT SUMMARY

Project Code: 2023-0133946

Project Name: CAP 107 Kaskaskia Port

Project Type: Port Development

Project Description: Dredging, tree removal, and shoreline alteration in order to complete the Kaskaskia Port.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@38.18770225,-89.89518201249899,14z>



Counties: Randolph County, Illinois

ENDANGERED SPECIES ACT SPECIES

There is a total of 4 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Note that 1 of these species should be considered only under certain conditions.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. This species only needs to be considered under the following conditions: <ul style="list-style-type: none">▪ This species only needs to be considered if the project includes wind turbine operations. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered

BIRDS

NAME	STATUS
Whooping Crane <i>Grus americana</i> Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non- Essential

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Army Corps of Engineers
Name: Zachary Day
Address: 1222 Spruce St
City: St. Louis
State: MO
Zip: 63103
Email: zachary.a.day2@usace.army.mil
Phone: 3143318027

Applicant: Zachary Day
Contact: Zachary Day
Address: 1222 Spruce St.
St. Louis, MO 63013

IDNR Project Number: 2500361
Date: 07/08/2024

Project: Kaskaskia River Regional Port CAP Section 107 Study
Address: 10351 Riverview Ln, Red Bud

Description: Dredging will be taking place in the south oxbow at KRPD2. Dredge disposal will be placed at various sites within the project area.

Natural Resource Review Results

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Indiana Bat (*Myotis sodalis*)
Least Tern (*Sterna antillarum*)

An IDNR staff member will evaluate this information and contact you to request additional information or to terminate consultation if adverse effects are unlikely.

Location

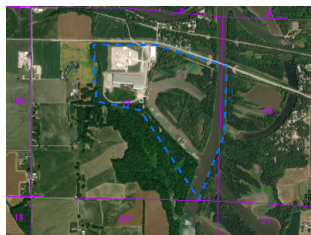
The applicant is responsible for the accuracy of the location submitted for the project.

County: Randolph

Township, Range, Section:

4S, 7W, 16

4S, 7W, 17



IL Department of Natural Resources

Contact

Alex Davis
217-785-5500
Division of Ecosystems & Environment

Government Jurisdiction

U.S. Army Corps of Engineers

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

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DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. LOUIS DISTRICT
1222 SPRUCE STREET
ST. LOUIS, MISSOURI 63103

2 July 2024

Engineering and Construction
Curation and Archives Analysis Branch (ECZ)

Subject: Kaskaskia River Regional Port, Continuing Authority Program (CAP)
Section 107 Study, Randolph County, Illinois

Jeffrey D. Kruchten
State Historic Preservation Office - IDNR
Attn: Review & Compliance
One Natural Resources Way
Springfield, Illinois 62702

Dear Mr. Kruchten:

The U.S. Army Corps of Engineers, Saint Louis District (USACE) is contacting your office to initiate consultation for a CAP Section 107 project studying the feasibility and environmental effects of implementing navigation improvement measures at the Kaskaskia Regional Port District (KRPD) Terminal 2 (KRPD#2) west of Baldwin, Illinois. This study was initiated at the request of KRPD in a letter dated October 17, 2017. The authority for this study is Section 107 of the River and Harbor Act of 1960, as amended, which permits USACE to undertake the investigation, design, and construction of small navigation projects that have not already been specifically authorized by Congress (33 USC 577).

KRPD#2 is located west of Baldwin, Illinois, in Randolph County near river mile (RM) 18 on the Kaskaskia River, approximately 45 miles southeast of St. Louis, Missouri. The port terminal is located on an oxbow side channel on the west side (right descending bank) of the Kaskaskia River (see attachment). The Kaskaskia River at KRPD#2 is included in the Kaskaskia River Project. This Project, authorized for construction by the River and Harbor Act of 1962, consists of the Jerry F. Costello Lock and Dam (formerly known as Kaskaskia Lock and Dam) at RM 0.8, and a navigation channel 9 feet deep, 225 feet wide, and 36 miles in length from Fayetteville, Illinois to the confluence of the Mississippi River. The Kaskaskia River is a Marine Highway Route with the designation M-3.

The Kaskaskia River Regional Port, CAP Section 107 Study with integrated Environmental Assessment (EA) evaluates the feasibility and environmental effects of implementing navigation improvement measures at KRPD#2. The study is being completed by USACE in conjunction with the Non-Federal Sponsor, KRPD. The study will evaluate and compare the benefits, costs, and impacts (positive or negative) of four alternatives in the final array including the

No Action Alternative. These alternatives contain different combinations of the following measures in the oxbow adjacent to KRPD#2:

1. Channel dredging for one-way traffic (12 ft depth, widen to 75 ft).
2. Channel widened for two-way traffic (12 ft depth, widen to 110 ft).
3. Create fleeting area FL-1 (includes mooring structures and riprap bank stabilization).
4. Create fleeting area FL-2 (includes mooring structures and riprap bank stabilization).
5. Create turning area (includes riprap bank stabilization).
6. Dredge material disposal at Dredge Disposal Areas DD-1+DD-2)
7. Dredge material disposal at Dredge Disposal Area DD-4

The Tentatively Selected Plan (TSP) is Alternative 3a – Minimum (Two-Way Traffic), which contains only measures 2 and 6.

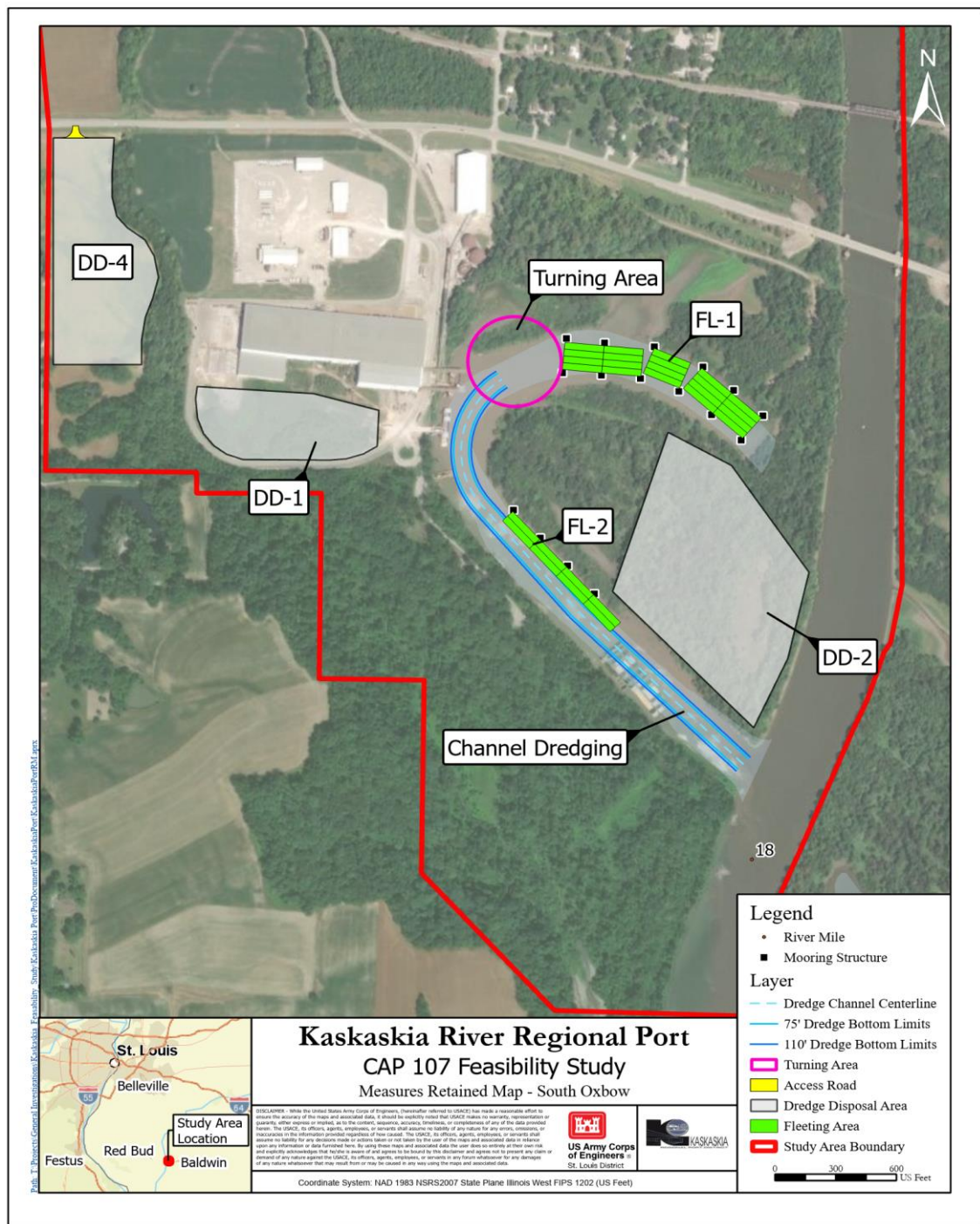
Initial archival research indicates that within the limits of the study area approximately half of the land owned by KRPD at KRPD#2 has been previously archaeologically surveyed. Three archaeological sites, 11R375, 11R378, and 11R482, have been identified and recorded on the property. Only 11R482, a prehistoric site that has been determined not eligible for the NRHP, will be impacted by any of the proposed measures. The site boundaries are located within the limits of DD-1, which has been previously used by KRPD for dredge disposal placement.

Dredge Disposal Area 2 (DD-2), which does not appear to have been previously surveyed, was established as part of USACE project to channelize the Kaskaskia River in 1974 and has been utilized periodically since that time as a dredge disposal area for the maintenance of the river channel. The additional measure that makes up the TSP, channel dredging, is located below the ordinary high watermark and is inundated. For these reasons, USACE has determined no historic properties will be affected by this project.

If you have any questions regarding this matter, please contact Ms. Lara Anderson directly at (314) 331-8779, or e-mail Lara.anderson@usace.army.mil .

Sincerely,

Jennifer L. Riordan
Chief, Curation and Archives
Analysis Branch



Attachment: Kaskaskia River Regional Port CAP 107 Location with Measures Retained in Final Array of Alternatives



Illinois
Department of
**Natural
Resources**

JB Pritzker, Governor • Natalie Phelps Finnie, Director
One Natural Resources Way • Springfield, Illinois 62702-1271

www.dnr.illinois.gov

Randolph County
Baldwin
S of IL-154; Kaskaskia River Mile 18.5
Section:17-Township:4S-Range:7W
Ineligible Site: 11R482,
COESTL
Navigation Improvement Measures Feasibility Study,
Kaskaskia Regional Port District Terminal 2,
Tentatively Selected Plan Alternative 3a - Minimum (Two-Way Traffic)

PLEASE REFER TO: SHPO LOG #001070224

July 23, 2024

Jennifer Riordan
U.S. Army Corps of Engineers, St. Louis District
1222 Spruce Street
St. Louis, MO 63103

We have reviewed the documentation submitted for the referenced project in accordance with 36 CFR Part 800.4. Based upon the information provided, no historic properties will be affected. We, therefore, have no objection to the undertaking proceeding as planned.

Please retain this letter in your files as evidence of compliance with Section 106 of the National Historic Preservation Act of 1966, as amended. This approval remains in effect for two (2) years from date of issuance. It does not pertain to any discovery during construction, nor is it a clearance for purposes of the Illinois Human Remains Protection Act (20 ILCS 3440).

If you are an applicant, please submit a copy of this letter to the state or federal agency from which you obtain any permit, license, grant, or other assistance. If further assistance is needed contact Jeff Kruchten, Principal Archaeologist, at 217/785-1279 or jeff.kruchten@illinois.gov.

Sincerely,

Carey L. Mayer, AIA
Deputy State Historic
Preservation Officer



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. LOUIS DISTRICT
1222 SPRUCE STREET
ST. LOUIS, MISSOURI 63103

July 2, 2024

Engineering and Construction
Curation and Archives Analysis Branch (ECZ)

Subject: Kaskaskia River Regional Port, Continuing Authority Program (CAP) Section 107 Study, Randolph County, Illinois

Ms. Devon Frazier Smith
Tribal Historic Preservation Officer
Absentee-Shawnee Tribe of Indians of Oklahoma
2025 S. Gordon Cooper Drive
Shawnee, OK 74801

Dear Ms. Frazier Smith:

The U.S. Army Corps of Engineers, St. Louis District (District), is conducting a feasibility study for the environmental effects of implementing navigation improvement measures at the Kaskaskia Regional Port District (KRPD), Terminal 2 (KRPD#2), west of Baldwin, Randolph County, Illinois (Figure 1). This study was initiated at the request of the KRPD and is authorized by Section 107 of the River and Harbor Act (RHA) of 1960, as amended, and falls under the Continuing Authorities Program (CAP). The District is contacting your Tribe to initiate consultation under Section 106 of the National Historic Preservation Act of 1966, as amended, and the National Environmental Protection Act, 42 USC 4321-4374.

KRPD#2 is located west of Baldwin, Illinois, in Randolph County near river mile (RM) 18 on the Kaskaskia River, approximately 45 miles southeast of St. Louis, Missouri (38 11'10"N 89 53' 35" W). The port terminal is located on an oxbow side channel on the west side (right descending bank) of the Kaskaskia River (Figure 2). The Kaskaskia River at KRPD#2 is included in the Kaskaskia River Project, which was authorized for construction by RHA and consists of the Jerry F. Costello Lock and Dam at RM 0.8, and a navigation channel 9 feet deep, 225 feet wide, and 36 miles in length from Fayetteville, Illinois, to the confluence of the Mississippi River.

The study, with an integrated Environmental Assessment (EA), evaluates the feasibility and environmental effects of implementing navigation improvement measures at KRPD#2. The study will evaluate and compare the benefits, costs, and impacts (positive or negative) of four alternatives in the final array including the No Action Alternative. These alternatives contain different combinations of the following measures in the oxbow adjacent to KRPD#2:

1. Channel dredging for one-way traffic (12 ft depth, widen to 75 ft).
2. Channel widened for two-way traffic (12 ft depth, widen to 110 ft).
3. Create fleeting area FL-1 (includes mooring structures and riprap bank stabilization).

4. Create fleeting area FL-2 (includes mooring structures and riprap bank stabilization).
5. Create turning area (includes riprap bank stabilization).
6. Dredge material disposal at Dredge Disposal Areas 1 and 2 (DD-1 and DD-2)
7. Dredge material disposal at Dredge Disposal Area 4 (DD-4)

The Tentatively Selected Plan (TSP) is the Minimum (Two-Way Traffic) Alternative that includes the channel widened for two-way traffic at 12 ft depth and widen to 110 ft (measure 2) and dredge material disposal at DD-1 and DD-2 (measure 6).

Initial archival research indicates that approximately half of the study area has been previously archaeologically surveyed. Three archaeological sites, 11R375, 11R378, and 11R482, have been identified and recorded in the study area. Only site 11R482, a prehistoric site determined ineligible to the National Register of Historic Places, will be impacted by any of the proposed measures. The site boundaries are located within the limits of DD-1, which has been previously used by KRPD for dredge disposal placement.

The other dredge disposal area, DD-2, which does not appear to have been previously surveyed, was established as part of a District project to channelize the Kaskaskia River in 1974 and has been utilized periodically since that time as a dredge disposal area for the maintenance of the river channel. The additional measure that makes up the TSP, channel dredging, is located below the ordinary high watermark and is inundated. For these reasons, the District has determined that no historic properties will be affected by this project.

If you have any questions, comments, or areas of tribal concern, please contact me at (314) 331-8855 or contact Meredith Hawkins Trautt (Tribal Liaison) at (314) 925-5031 or email Meredith.M.Trautt@usace.army.mil.

Sincerely,



Jennifer L. Riordan
Chief, Curation and Archives
Analysis Branch



Figure 1: Location of Kaskaskia Regional Port District Terminal 2 (KRPD2)
Randolph County, Illinois

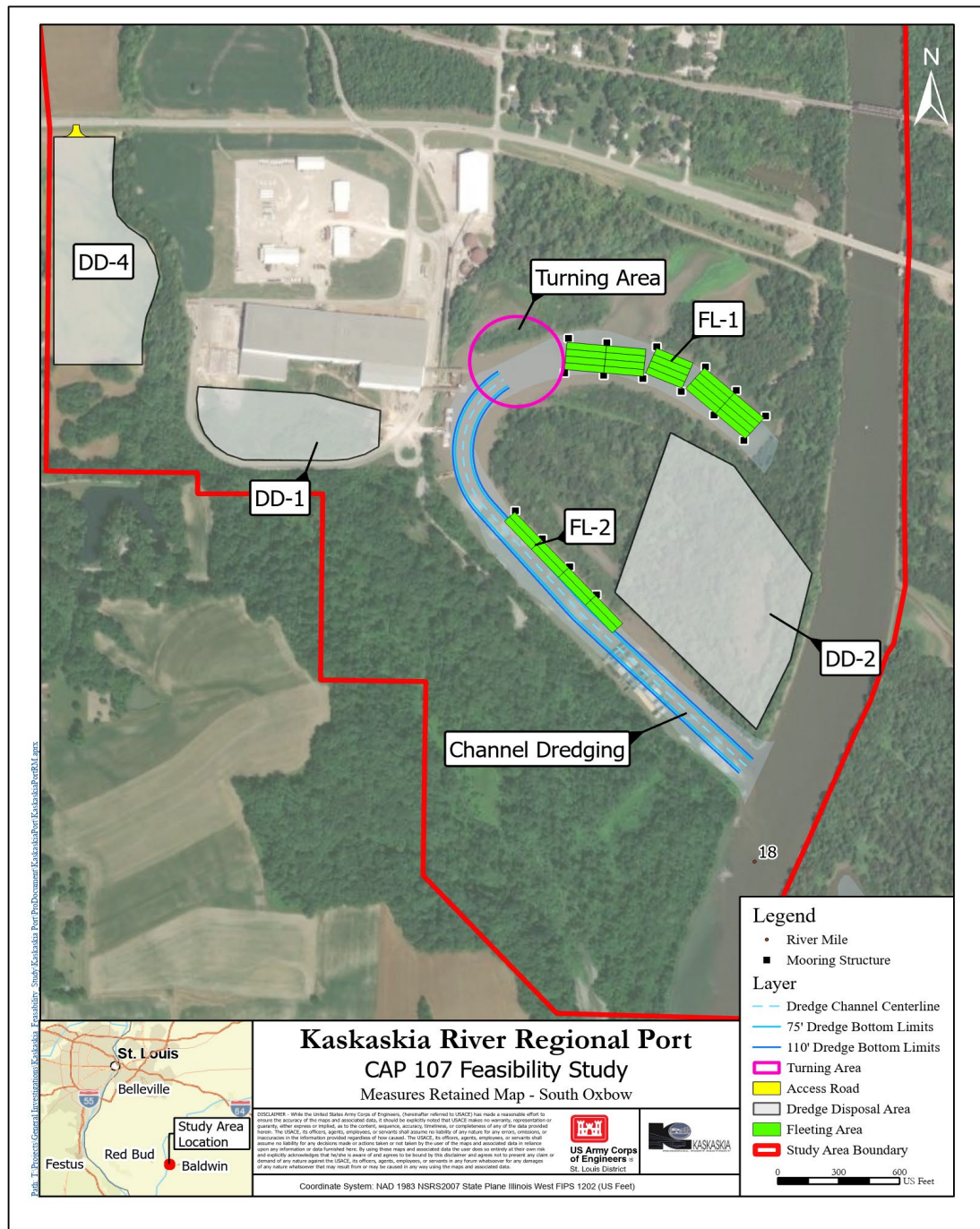


Figure 2: Kaskaskia River Regional Port CAP 107 Location with Measures Retained in Final Array of Alternatives

From: [Alan Kelley](#)
To: [Trautt, Meredith M CIV USARMY CEMVS \(USA\)](#)
Subject: [Non-DoD Source] Re: USACE St. Louis District, KRPD#2, near Baldwin, Randolph Co., IL
Date: Wednesday, July 3, 2024 9:45:27 AM

Subject: Kaskaskia River Regional Port, Continuing Authority Program
(CAP) Section 107 Study, Randolph County, Illinois

I Have No Concerns

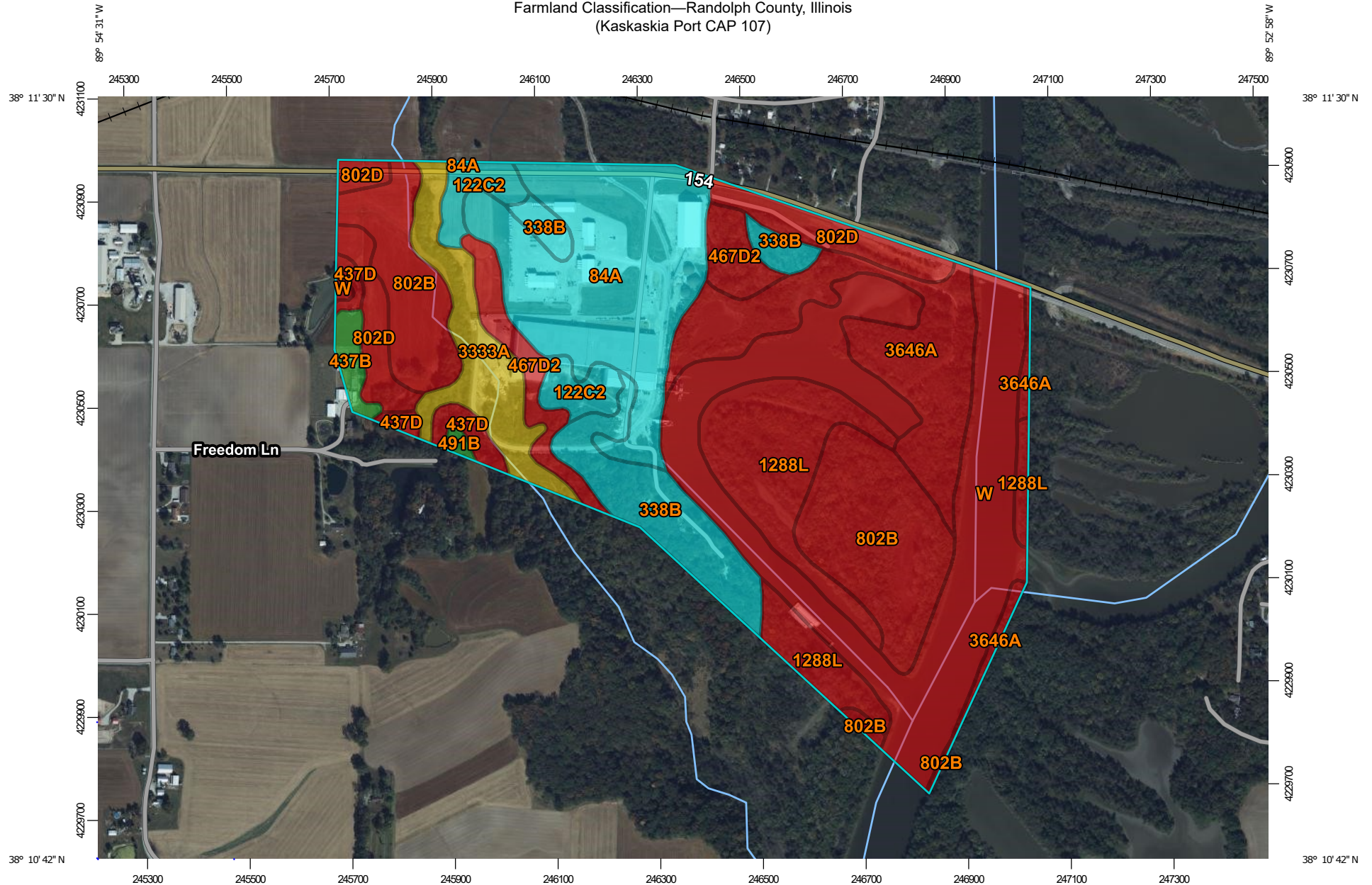
On Tue, Jul 2, 2024 at 10:39 AM Trautt, Meredith M CIV USARMY CEMVS
(USA) <Meredith.M.Trautt@usace.army.mil> wrote:

>
> Dear Mr. Kelley,
>
> Please see attached letter pertaining to a feasibility study for implementing navigation improvement measures at
the Kaskaskia Regional Port District, Terminal 2 (KRPD#2), near of Baldwin, Randolph County, IL.
>
>
>
> Sincerely,
>
>
>
> Meredith Hawkins Trautt, M.S., RPA
>
> Archaeologist and Tribal Liaison
>
> U.S. Army Corps of Engineers, St. Louis District
>
> MCX CMAC, EC Z
>
> 1222 Spruce Street
>
> St. Louis, MO 63103
>
> Office: (314) 925-5031
>
> Mobile: (314) 798-2169
>
> Pronouns: she/her
>
>

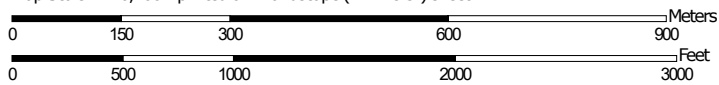
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Alan Kelley
Deputy THPO
Iowa Tribe of KS & NE
3345 Thrasher RD
White Cloud KS 66094
785-351-0080

Farmland Classification—Randolph County, Illinois
(Kaskaskia Port CAP 107)



Map Scale: 1:10,400 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84



Natural Resources
Conservation Service


Web Soil Survey
National Cooperative Soil Survey

7/9/2024
Page 1 of 6

Farmland Classification—Randolph County, Illinois
(Kaskaskia Port CAP 107)









MAP LEGEND








Area of Interest (AOI)






 Area of Interest (AOI)








Soils



Soil Rating Polygons

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season









-  Prime farmland if subsoiled, completely removing the root inhibiting soil layer
-  Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60
-  Prime farmland if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance
-  Farmland of statewide importance, if drained
-  Farmland of statewide importance, if protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated

-  Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if irrigated and drained
-  Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer
-  Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60

-  Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium
-  Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season
-  Farmland of statewide importance, if warm enough
-  Farmland of statewide importance, if thawed
-  Farmland of local importance
-  Farmland of local importance, if irrigated

-  Farmland of unique importance
-  Not rated or not available






Soil Rating Lines

-  Not prime farmland
-  All areas are prime farmland
-  Prime farmland if drained
-  Prime farmland if protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated
-  Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season
-  Prime farmland if irrigated and drained
-  Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season

Farmland Classification—Randolph County, Illinois
(Kaskaskia Port CAP 107)

	Prime farmland if subsoiled, completely removing the root inhibiting soil layer		Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Prime farmland if irrigated and reclaimed of excess sodium		Farmland of statewide importance		Farmland of statewide importance, if drained during the growing season		Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if thawed		Farmland of local importance		Farmland of statewide importance, if warm enough		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of local importance		Farmland of local importance, if irrigated
	Farmland of unique importance		Not rated or not available		Prime farmland if irrigated		Prime farmland if irrigated and drained		Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		Prime farmland if irrigated and drained		Prime farmland if irrigated and either protected from flooding or not frequently flooded during the growing season		Prime farmland of local importance		Prime farmland of local importance and drained		Prime farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Prime farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Prime farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Prime farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season
	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Prime farmland if irrigated and reclaimed of excess sodium		Farmland of statewide importance		Farmland of statewide importance, if drained during the growing season		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if thawed		Farmland of local importance		Farmland of statewide importance, if warm enough		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of local importance		Farmland of local importance, if irrigated
	Prime farmland if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Prime farmland if irrigated and reclaimed of excess sodium		Farmland of statewide importance		Farmland of statewide importance, if drained during the growing season		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season		Farmland of statewide importance, if thawed		Farmland of local importance		Farmland of statewide importance, if warm enough		Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60		Farmland of local importance		Farmland of local importance, if irrigated

Farmland Classification—Randolph County, Illinois
(Kaskaskia Port CAP 107)

<p> Farmland of statewide importance, if drained and either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if irrigated and drained</p> <p> Farmland of statewide importance, if irrigated and either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if subsoiled, completely removing the root inhibiting soil layer</p> <p> Farmland of statewide importance, if irrigated and the product of I (soil erodibility) x C (climate factor) does not exceed 60</p>	<p> Farmland of statewide importance, if irrigated and reclaimed of excess salts and sodium</p> <p> Farmland of statewide importance, if drained or either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if warm enough, and either drained or either protected from flooding or not frequently flooded during the growing season</p> <p> Farmland of statewide importance, if warm enough</p> <p> Farmland of statewide importance, if thawed</p> <p> Farmland of local importance</p> <p> Farmland of local importance, if irrigated</p>	<p> Farmland of unique importance</p> <p> Not rated or not available</p> <p>Water Features</p> <p> Streams and Canals</p> <p>Transportation</p> <p> Rails</p> <p> Interstate Highways</p> <p> US Routes</p> <p> Major Roads</p> <p> Local Roads</p> <p>Background</p> <p> Aerial Photography</p>	<p>The soil surveys that comprise your AOI were mapped at 1:12,000.</p> <p>Please rely on the bar scale on each map sheet for map measurements.</p> <p>Source of Map: Natural Resources Conservation Service Web Soil Survey URL: Coordinate System: Web Mercator (EPSG:3857)</p> <p>Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.</p> <p>This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.</p> <p>Soil Survey Area: Randolph County, Illinois Survey Area Data: Version 17, Aug 28, 2023</p> <p>Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.</p> <p>Date(s) aerial images were photographed: Jul 14, 2020—Apr 19, 2021</p> <p>The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.</p>
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Farmland Classification

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
84A	Okaw silt loam, 0 to 2 percent slopes	Farmland of statewide importance	38.4	15.4%
122C2	Colp silt loam, 5 to 10 percent slopes, eroded	Farmland of statewide importance	7.0	2.8%
338B	Hurst silt loam, 2 to 5 percent slopes	Farmland of statewide importance	17.9	7.2%
437B	Redbud silt loam, 2 to 5 percent slopes	All areas are prime farmland	2.4	1.0%
437D	Redbud silt loam, 10 to 18 percent slopes	Not prime farmland	3.8	1.5%
467D2	Markland silty clay loam, 10 to 18 percent slopes, eroded	Not prime farmland	10.5	4.2%
491B	Ruma silt loam, 2 to 5 percent slopes	All areas are prime farmland	0.6	0.2%
802B	Orthents, loamy, undulating	Not prime farmland	34.7	13.9%
802D	Orthents, loamy, hilly	Not prime farmland	13.2	5.3%
1288L	Petrolia silty clay loam, undrained, 0 to 2 percent slopes, frequently flooded, long duration	Not prime farmland	25.8	10.4%
3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	Prime farmland if drained and either protected from flooding or not frequently flooded during the growing season	13.6	5.4%
3646A	Fluvaquents, loamy, 0 to 2 percent slopes, frequently flooded	Not prime farmland	27.5	11.0%
W	Water	Not prime farmland	53.7	21.5%
Totals for Area of Interest			249.0	100.0%

Description

Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops. NRCS policy and procedures on prime and unique farmlands are published in the "Federal Register," Vol. 43, No. 21, January 31, 1978.

Rating Options

Aggregation Method: No Aggregation Necessary

Tie-break Rule: Lower

CEJST Tract Information

Per Executive Order 14008, the Justice 40 Initiative recommends a goal of 40 percent of certain Federal investments should flow to disadvantaged communities to achieve the overall benefits of the initiative. According to CEJST, the census tract 17157950700 in Randolph County, Illinois which surrounding and making up the proposed project area, is considered a disadvantaged community because it meets at least one burden threshold AND the associated socioeconomic threshold (Figure 1). This tract meets or exceeds the burden threshold for energy, legacy pollution, and transportation. Under the energy threshold, Tract 17157950700 is at the 96th percentile for energy cost. Regarding legacy pollution, there are one or more abandoned land mines within the tract. The average relative cost of transportation and time spent on transportation is at the 91st percentile. All three of these categories are coupled with Low Income which is at the 79th percentile for tract 17157950700.



Figure 1