



Construction Map

USDA RUS ReConnect Program



Rural Development

Agenda

- Construction Map
 - How to Use the Construction Map
 - Adding Sites and Routes
- Construction Map Linkages
- Available Resources
- Question and Answer

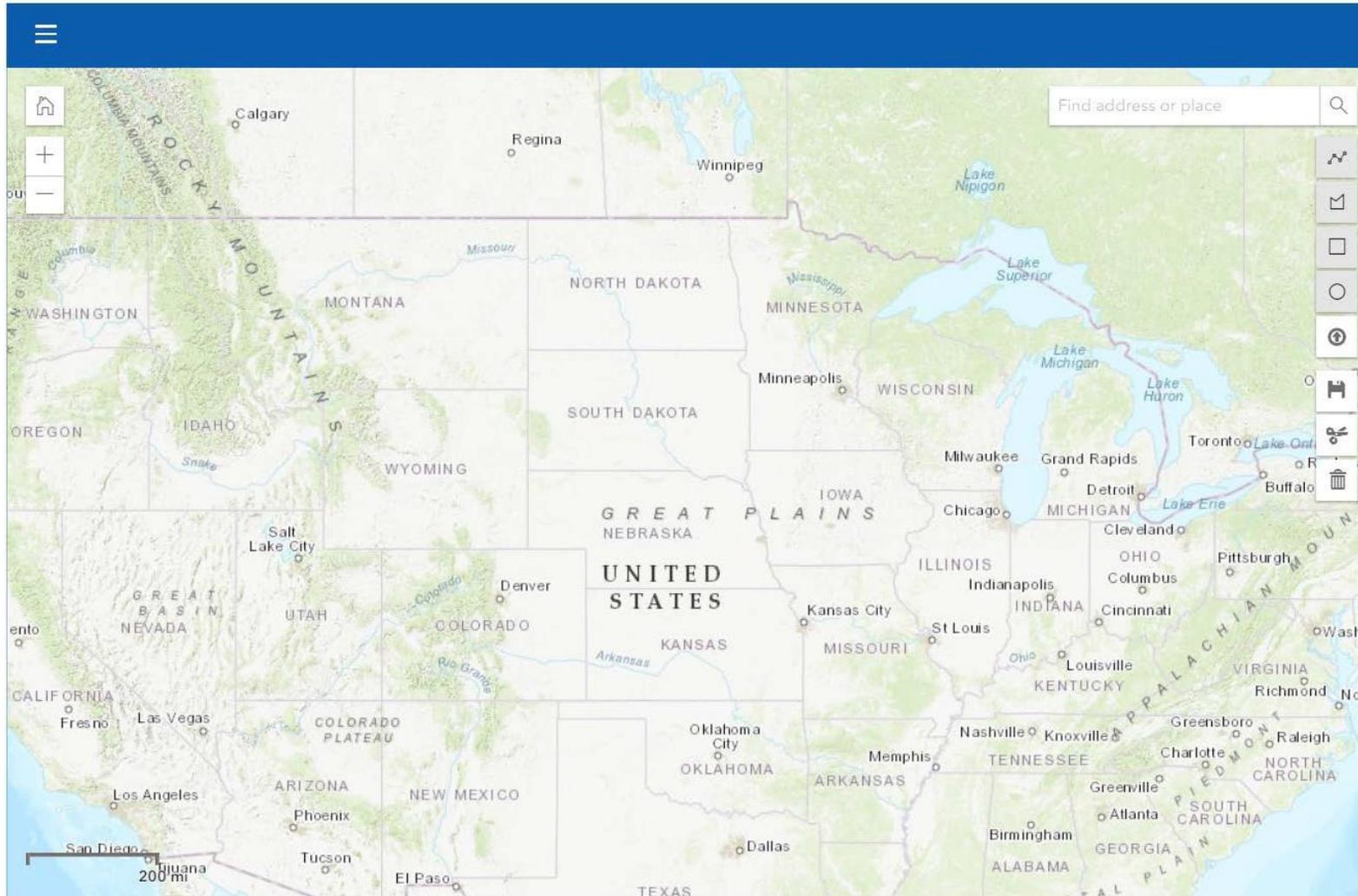
Construction Map



Navigating to the Construction Map

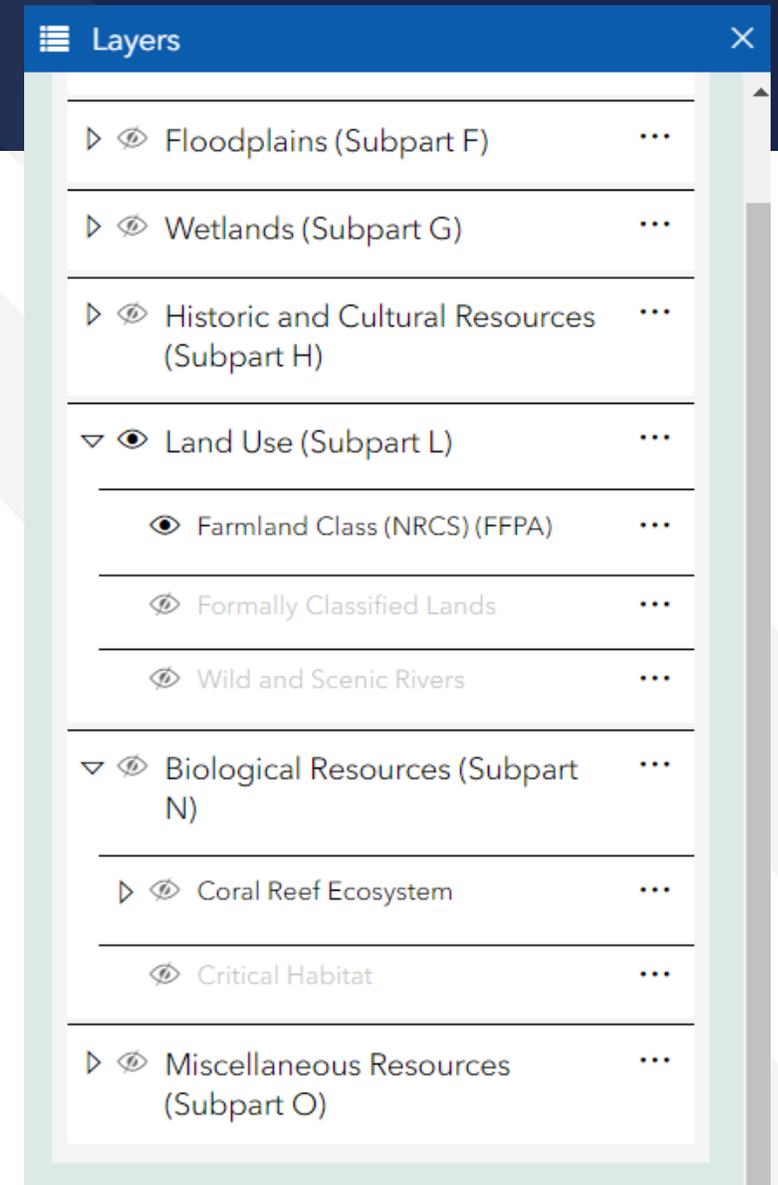
	Project	Service Area(s)	Network	Financials	Environmental	Evaluation Criteria
						
1	Project Information NEPA Review Project Documents	Service Area(s) Information	Network Design Build-out Timeline and Milestones Capital Investment Workbook (CIW) ▼ Capital Investment Schedule ▼	Local Network Services Revenue ▼ Competitor Service Offerings Depreciation Schedule ▼ Long-Term Debt Schedule ▼	Construction Map Site/Route Descriptions Environmental Questionnaire Environmental Documents	2 Evaluation Criteria Evaluation Criteria Summary Evaluation Criteria Documents

Construction Map Display



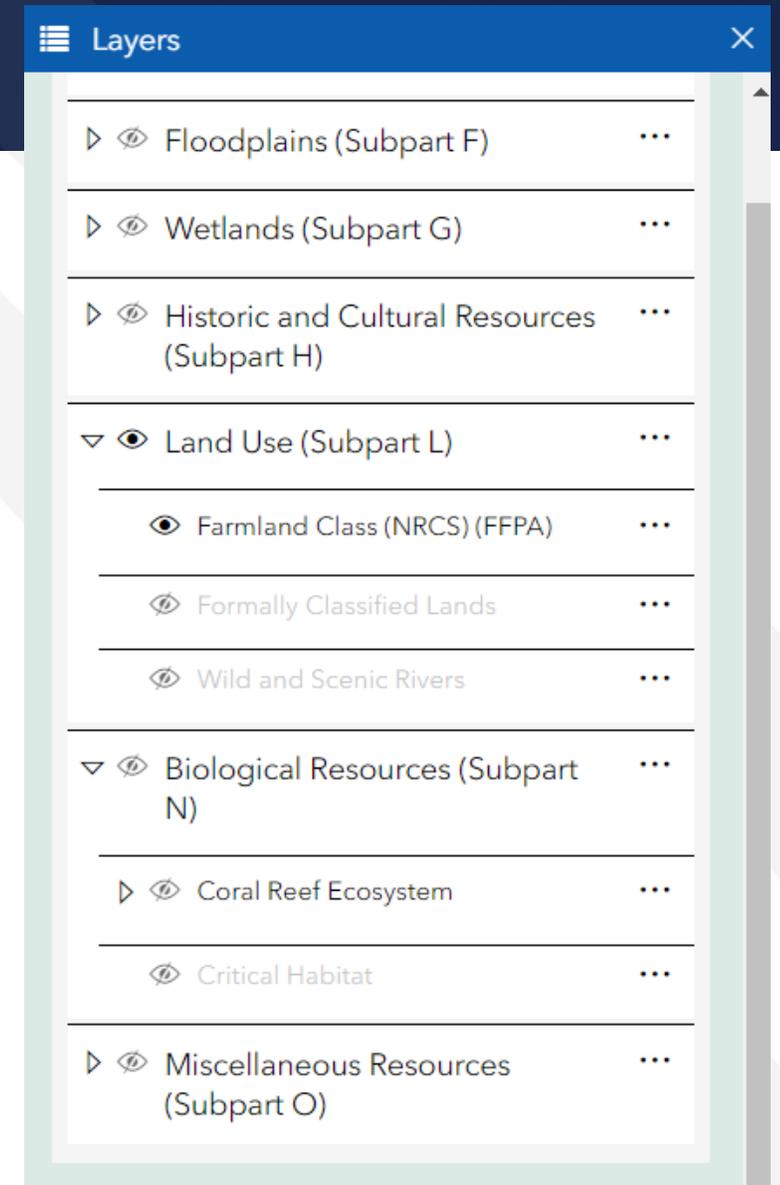
Construction Map Layers

- Service Areas
- Floodplains (Subpart F)
 - Flood Hazard Zones (FEMA)
 - Flooding Frequency (NRCS)
- Wetlands (Subpart G)
 - National Wetland Inventory (NWI)
 - Soil Hydric Class (NRCS)
- Historic and Cultural Resources (Subpart H)
 - National Register of Historic Places (NRHP)
 - Tribal Lands

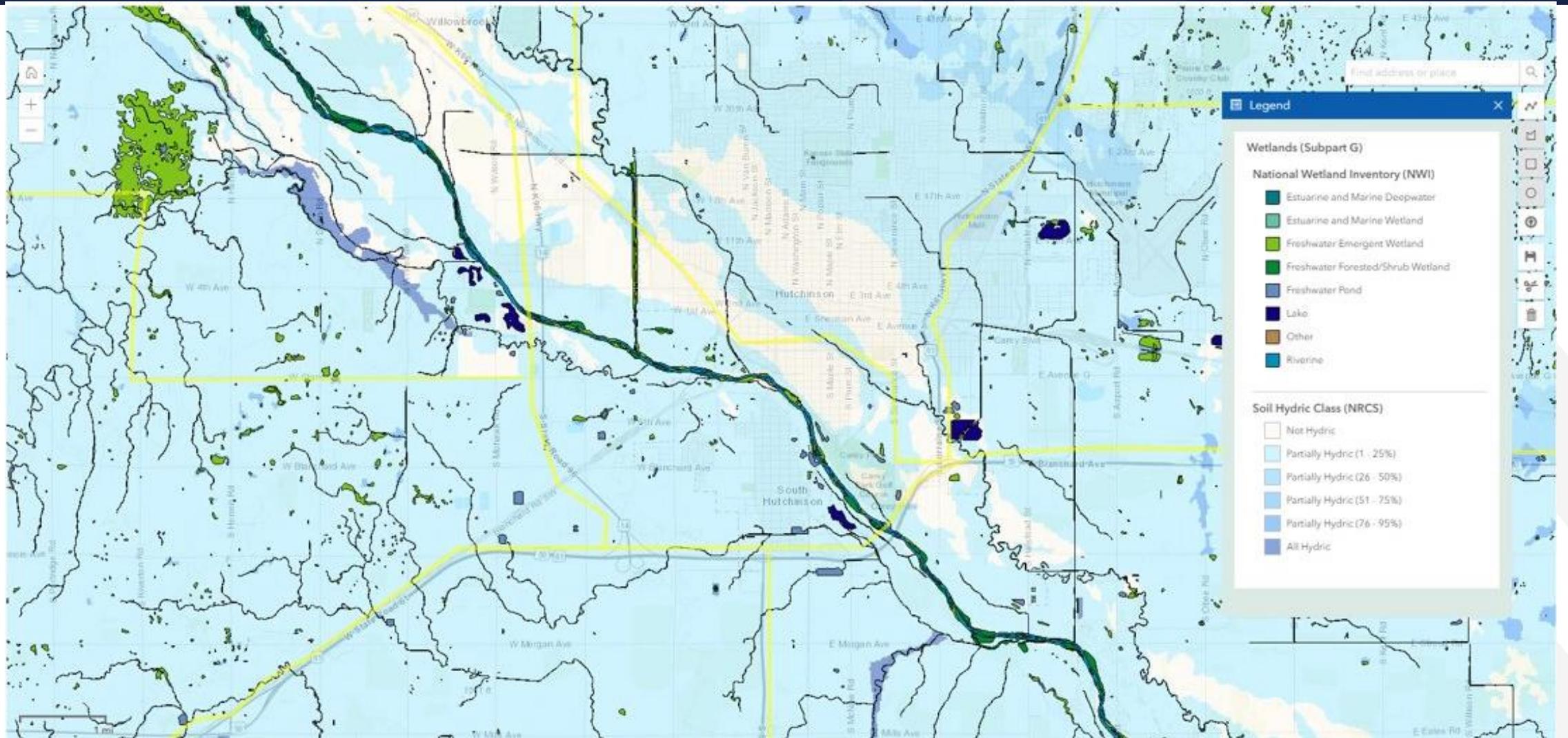


Construction Map Layers (continued)

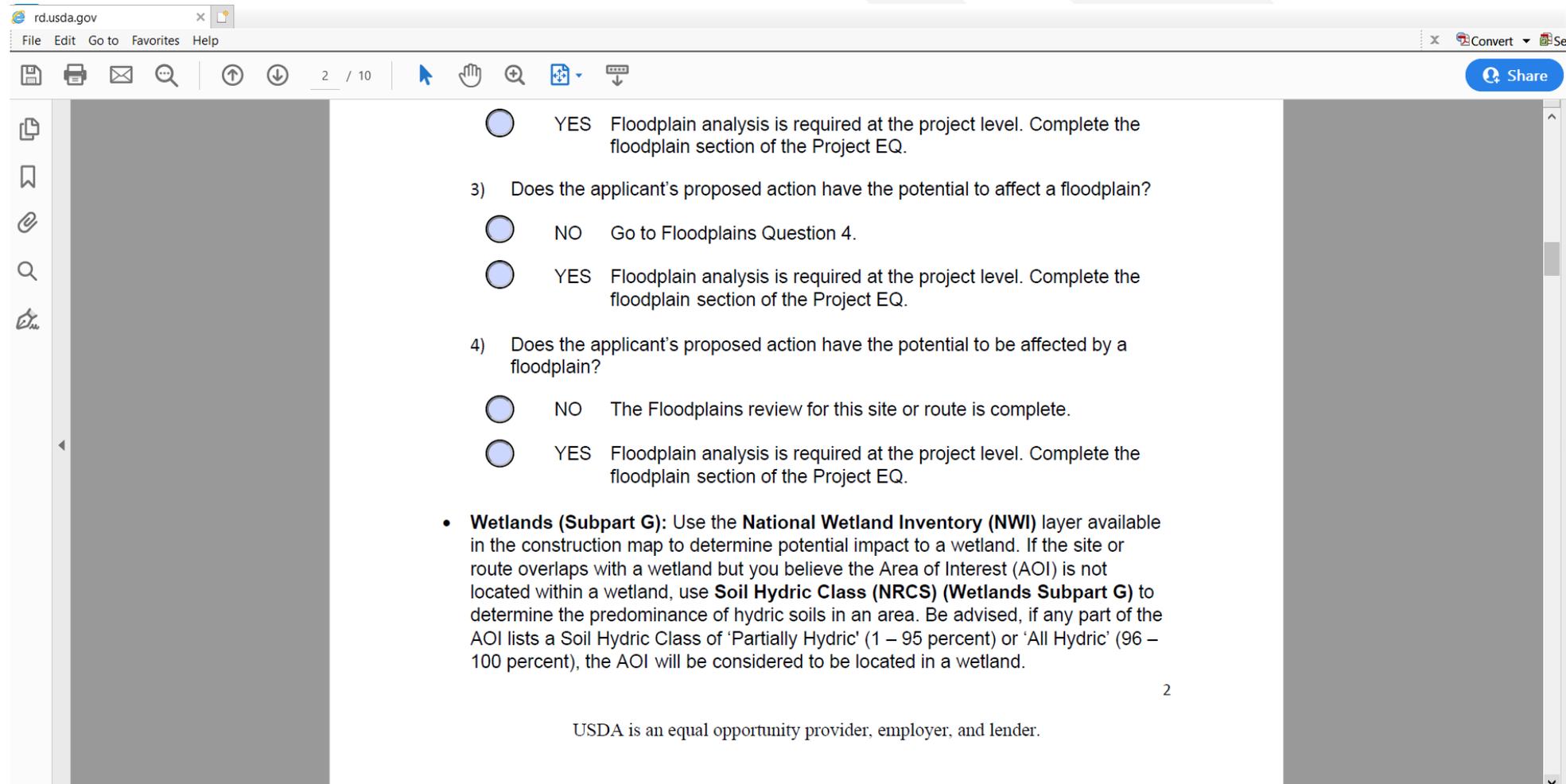
- Land Use (Subpart L)
 - Farmland Class (NRCS FFPA)
 - Formerly Classified Lands
 - Wild and Scenic Rivers
- Biological Resources (Subpart N)
 - Coral Reef Ecosystem
 - Critical Habitat
- Miscellaneous Resources (Subpart O)
 - Air Quality
 - Coastal Barrier
 - Coastal Zone



How to Use Construction Map Layers



How to Use Construction Map Layers (continued)



The screenshot shows a web browser window with the URL `rd.usda.gov`. The browser's address bar and menu bar are visible. The page content includes a sidebar on the left with navigation icons, a main content area with a form, and a right sidebar with a 'Share' button. The form contains several questions and instructions regarding floodplain analysis.

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Share

YES Floodplain analysis is required at the project level. Complete the floodplain section of the Project EQ.

3) Does the applicant's proposed action have the potential to affect a floodplain?

NO Go to Floodplains Question 4.

YES Floodplain analysis is required at the project level. Complete the floodplain section of the Project EQ.

4) Does the applicant's proposed action have the potential to be affected by a floodplain?

NO The Floodplains review for this site or route is complete.

YES Floodplain analysis is required at the project level. Complete the floodplain section of the Project EQ.

- **Wetlands (Subpart G):** Use the **National Wetland Inventory (NWI)** layer available in the construction map to determine potential impact to a wetland. If the site or route overlaps with a wetland but you believe the Area of Interest (AOI) is not located within a wetland, use **Soil Hydric Class (NRCS) (Wetlands Subpart G)** to determine the predominance of hydric soils in an area. Be advised, if any part of the AOI lists a Soil Hydric Class of 'Partially Hydric' (1 – 95 percent) or 'All Hydric' (96 – 100 percent), the AOI will be considered to be located in a wetland.

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USDA is an equal opportunity provider, employer, and lender.

How to Use Construction Map Layers (continued)

Environmental Asset Route

https://reconnect-apply.rd.usda.gov/s/environmental-asset-route?ald=a6ct0000000blqAAA&recordId=a6Gt00000004GIUEA2&trackKey=1642537436221

What is the installation method? (Select all that apply) *

- Plowed
- Bored
- Open Trench
- Existing Conduit Systems
- Existing Ducts
- Aerial Cables on Existing Poles
- Aerial Cables on New Poles
- Underwater

Bored Miles: *

If the construction map indicates this route will go through a wetland and it is the applicant's intent to bore under the wetland, please provide entry/exit points for the proposed bore pits. If multiple wetlands/bores are proposed, please ensure this data is provided in the wetland section of the Site/Route EQ.

Enter entry coordinates (XX.XXXXXXXXXX, -XXX.XXXXXXXXXX):

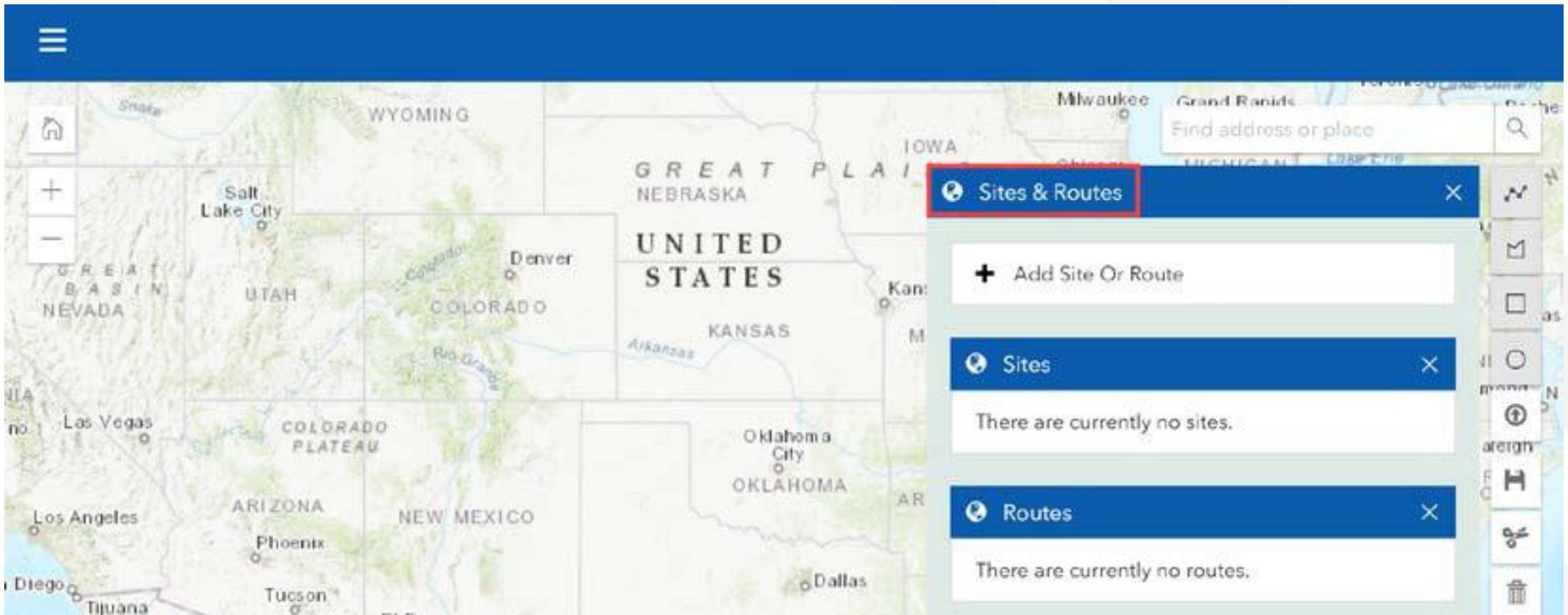
Enter exit coordinates (XX.XXXXXXXXXX, -XXX.XXXXXXXXXX):

Save and Continue

Sites and Routes



Creating Sites and Routes



Creating Sites and Routes (continued)

 Add A Site Or Route 

6 Site/Route Name*

7 Project Location Type*

Adding Routes

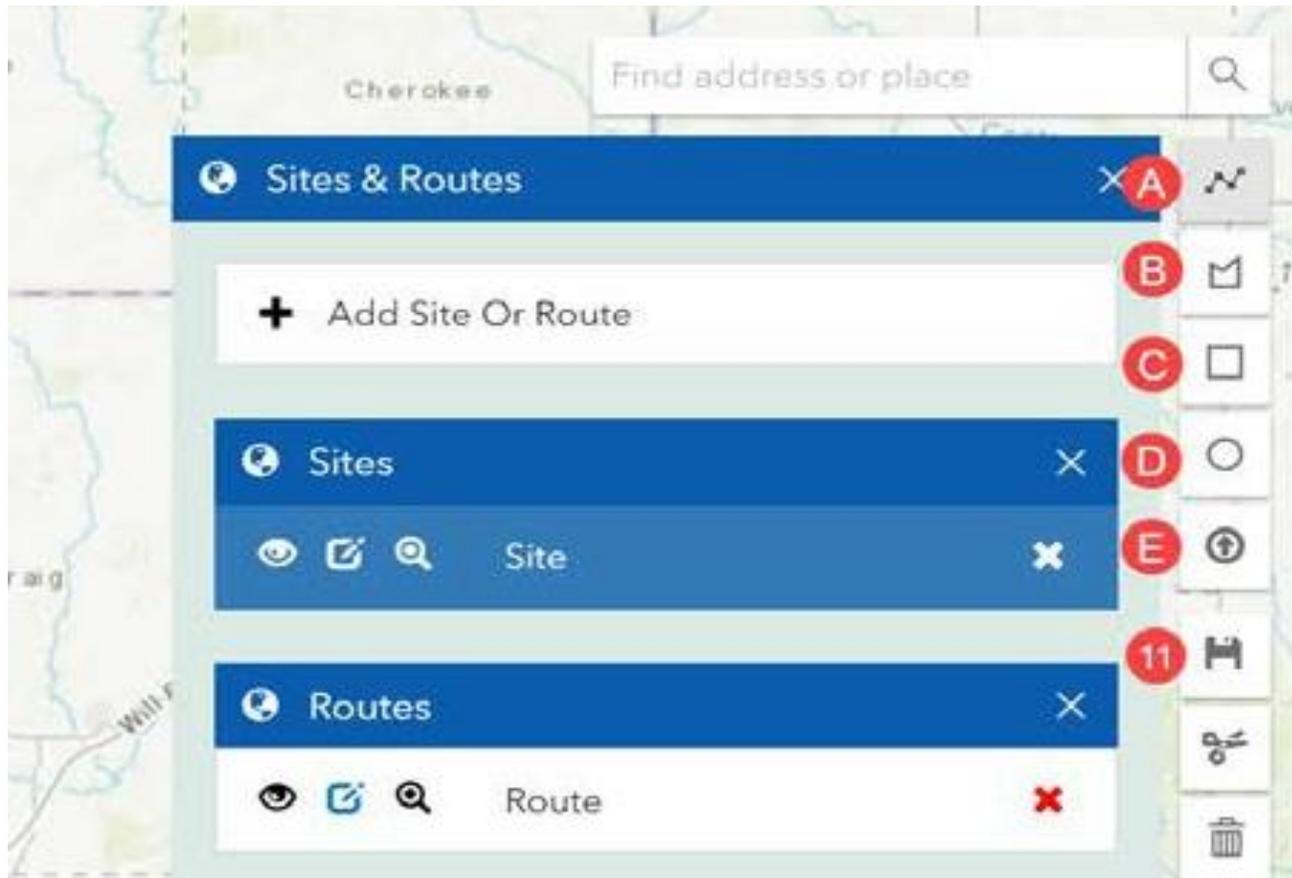
 Add A Site Or Route ✕

Site/Route Name*

Project Location Type* Please Specify The Width Of The Route

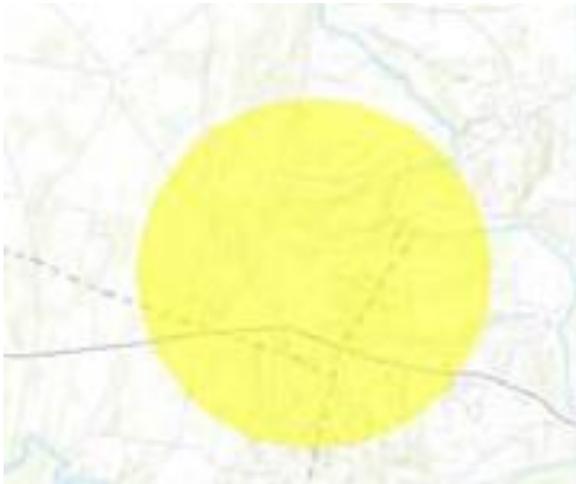
▼ ▲▼ ft.

Shape Tools



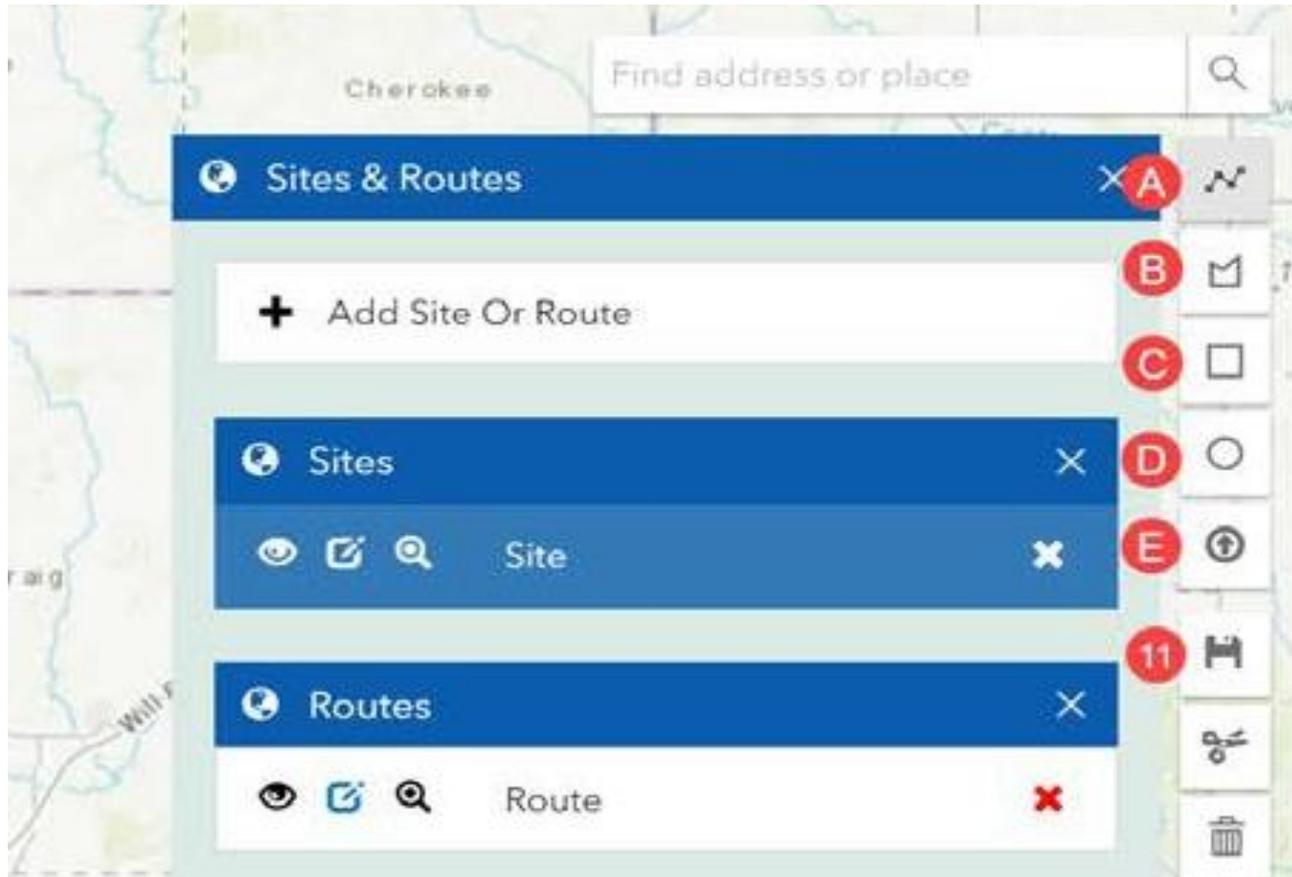
- Use the shape tools shown here to draw your sites and routes
- The polyline tool (a) will only be available for drawing routes
- The "draw polygon" (b), "draw rectangle" (c), and "draw circle" tools(d) will only be available for drawing sites.
- Select "SAVE" (11) once you have drawn your site or route.

Shape Tools – Circle, Rectangle, Polygon Tool (Sites Only)



Note: Be sure to select the "SAVE" icon on the right-hand panel once you have drawn your site.

Shape Tools



- Use the shape tools shown here to draw your sites and routes
- The polyline tool (a) will only be available for drawing routes
- The "draw polygon" (b), "draw rectangle" (c), and "draw circle" tools(d) will only be available for drawing sites.
- Select "SAVE" (11) once you have drawn your site or route.

Construction Map Linkages



Construction Map Linkages

- As with the Service Area Map, the Construction Map links with multiple other sections of the application. These linkages include:
 - Costs and Assets in the Capital Investment Workbook
 - Site and Route Descriptions
 - Environmental Questionnaires

Construction Map Linkages (continued)

- Environmental Questionnaires

- Projects occurring in water or in proximity to water should obtain marine species lists from the appropriate Fisheries office. This can be done by using the U.S. Fish and Wildlife Services IPaC planning tool. When completing the Environmental Questionnaire, the IPaC planning tool will open in another browser tab. Applicants will need to create a free account to access this tool.
- Applicants must add sites and routes **before** using the IPaC planning tool.
- Once logged into IPaC, finish defining your Project and click “Request Species List”.
- Only complete actions required under *Step 1: Request an official species list*, before exiting the review. Shortly after submitting this request, IPaC will generate a letter from the local USFWS office and store it under the documents section of your Project. Species lists are considered valid for 90 days.
 - Do not complete Steps 2 and 3 of the review without first consulting with RUS.
- If you have questions about this process, please use the "Contact Us" link

Construction Map Linkage - Environmental Questionnaire

 An official website of the United States government [Here's how you know](#) 

 **Rural Development**
U.S. DEPARTMENT OF AGRICULTURE

 KRISTIN LOUGH 

[HOME](#) | [ACCOUNTS](#) | [AUTHORIZATIONS](#) | [PUBLIC NOTICE FILINGS](#) | [INSTRUCTION GUIDES](#) | [CONTACT US](#) | [NEW/UPDATE ARR](#)

 **Application**
101000582
Funding Type
50% Loan/50% Grant

Project	Service Area(s)	Network	Financials	Environmental	Evaluation Criteria	Licenses & Agreements	Certifications	Documents	Summary/Submit
Project Information NEPA Review Project Documents	Service Area(s) Information	Network Design Build-out Timeline and Milestones Capital Investment Workbook (CIW)  Capital Investment Schedule  Network Documents	Local Network Service Revenue  Competitor Service Offerings Depreciation Schedule  Long-Term Debt Schedule  Capital Contribution  Amortization Schedule  Non-Operating Net Income Plant-in-Service Schedule Network Access Services Revenue Income Statement Balance Sheet Statement of Cash Flow Financial Documents	Construction Map Site/Route Descriptions Environmental Questionnaire Environmental Documents	Evaluation Criteria Evaluation Criteria Summary Evaluation Criteria Documents	Licenses & Agreements	Certifications Certification Documents	Manage Uploaded Documents	Summary/Submit

Obtain Official Species Lists for Sites/Routes

Save

Endangered Species Information

Access the links below to view endangered species located at the site/route. Use information to answer the Biological section of the Site/Route-Level EQ.

Routes

Route Name	Official Species List
Drawn Route	Official Species List
Dynamically Change Width	Official Species List
Maryland - route	Official Species List
Route	Official Species List

Number of rows 5 [« Prev](#) [1](#) [Next »](#)

Sites

Site Name	Official Species List
Creation of IPaC	Official Species List
Maryland - site	Official Species List

Using the IPaC Planning Tool

IPaC Information for Planning and Consultation
MY PROJECTS

U.S. Fish & Wildlife Service
ALEXA PETTY ▾

Explore location

LOCAL OFFICE MISSOURI ESFO ▾

 LOCATION
Douglas and Howell counties, Missouri
[CHANGE LOCATION](#)

Resources

- ENDANGERED SPECIES 6
- MIGRATORY BIRDS
- FACILITIES
- WETLANDS !

[PRINT RESOURCE LIST](#)

What's next?

Define a project at this location to evaluate potential impacts, get an official species list, and make species determinations.

[DEFINE PROJECT](#)

Endangered species

Listed species ¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries ²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

Additional information on endangered species data is provided [below](#).

The following species are potentially affected by activities in this location:

[THUMBNAILS](#) [LIST](#) [SPECIES GUIDELINES ▾](#)

Mammals

NAME	STATUS
Gray Bat Myotis grisescens Wherever found	Endangered
Indiana Bat Myotis sodalis Wherever found	Endangered
Northern Long-eared Bat Myotis septentrionalis Wherever found	Threatened

Using the IPaC Planning Tool (continued)

The screenshot displays the IPaC Planning Tool interface. At the top, the header reads "IPaC Information for Planning and Consultation" on the left and "U.S. Fish & Wildlife Service" with a "LOG IN" link on the right. A "Log in" modal window is open in the center, featuring a close button (X) in the top right corner. The modal contains the following text:

Log in

LOGIN.GOV LOGIN
You can use your Login.gov profile as your IPaC account. You will need to allow IPaC to read your [basic profile information](#).

LOG IN WITH **LOGIN.GOV**

IPAC LOGIN

> **Why do I need an IPaC account?**

Notice
By logging into this agency computer system, you acknowledge and consent to the monitoring of this system. Evidence of your use, authorized or unauthorized, collected during monitoring may be used for civil, criminal, administrative, or other adverse action. Unauthorized or illegal use may subject you to prosecution.

This computer system, including all related equipment, networks, and network devices (including Internet access), is provided by the Department of the Interior (DOI) in accordance with the agency policy for official use and limited personal use.

All agency computer systems may be monitored for all lawful purposes, including but not limited to, ensuring that use is authorized, for management of the system, to facilitate protection against unauthorized access, and to verify security procedures, survivability and operational security. Any information on this

In the background, the "Resources" section is visible, listing "ENDANGERED SPECIES" (3), "MIGRATORY BIRDS" (2), "FACILITIES" (with a red exclamation mark), and "WETLANDS" (with a red exclamation mark). A "PRINT RESOURCE LIST" button is located below the list. A "What's next?" section provides instructions: "Define a project at this location to evaluate potential impacts, get an official species list, and make species determinations." Below this is a blue button labeled "DEFINE PROJECT".

Using the IPaC Planning Tool (continued)

Define project

Define a project at this location to evaluate potential impacts, get an official species list, and make species determinations.

Project name

Project description

Describe the location, size, scope, and timing of this project.

OPTIONAL

SAVE

CANCEL

Using the IPaC Planning Tool (continued)

IPaC Information for Planning and Consultation
MY PROJECTS

U.S. Fish & Wildlife Service
ALEXA PETTY ▾

test name Chautauqua County, Kansas

PROJECT HOME REGULATORY REVIEW LOCAL OFFICE KS ESFO ▾

test name

test description



LOCATION Chautauqua County, Kansas
CREATED January 11, 2022

1 MEMBER 1 DOCUMENT

What's next?

ESA REVIEW
Review this project's effects on listed species pursuant to the Endangered Species Act (ESA), as part of the overall regulatory review.

[START REVIEW](#)

SPECIES LIST
Requesting an official species list is now part of IPaC's ESA Review.

[REQUEST SPECIES LIST](#)

Local office

Kansas Ecological Services Field Office

(785) 539-3474
(785) 539-8567

2609 Anderson Avenue
Manhattan, KS 66502-2801

Resources

This project potentially impacts 5 resources managed or regulated by the U.S. Fish and Wildlife Service.

- 3 endangered species

Using the IPaC Planning Tool (continued)

Information for Planning and Consultation
MY PROJECTS
U.S. Fish & Wildlife Service
ALEXA PETTY

test name Douglas and Howell counties, Missouri

Endangered Species Act Review

← BACK EXIT REVIEW

1 Request an official species list — 2 Evaluate determination keys — 3 Analyze project (optional) — 4 Download documentation

Step 1: Request an official species list

An official species list is a letter from the local U.S. Fish and Wildlife Service field office that assists in the evaluation of potential impacts of your project. It includes a list of species that should be considered under [Section 7](#) of the Endangered Species Act, a project tracking number, and other pertinent information from the field office.

Does this project require an official species list?

Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action" ([Section 7](#) of the Endangered Species Act).

This requirement applies to projects that are **conducted, permitted, funded, or licensed** by any Federal agency.

YES, REQUEST A SPECIES LIST NO / DOES NOT APPLY

Using the IPaC Planning Tool (continued)

Lead agency

The agency responsible for conducting, permitting, or licensing this action.

Use my contact agency / organization above

Agency / organization type

Please select



Classification

For internal reporting, help us classify the type of this project.

Please select



I understand that I am providing this information so an official species list can be generated, based on data provided by my local U.S. Fish and Wildlife Service office for the project area that I entered.

The following authorizes the collection of the above information (5 U.S.C. 301; the Federal Records Act, 44 U.S.C. 3101; Homeland Security Act of 2002; Public Law 107-296, 6 U.S.C. 121; and Executive Order 9373) and will be maintained in accordance with the Privacy Act (5 U.S.C. 552a).

SUBMIT OFFICIAL SPECIES LIST REQUEST

Available Resources



Available Resources

- **Register for upcoming events** <https://www.usda.gov/reconnect/events>
- **Application Guide** https://www.rd.usda.gov/files/ReConnect_Program_Application_Guide.pdf
- **ReConnect website** <https://www.usda.gov/reconnect>
 - Fact Sheets & Frequently Asked Questions
- **Contact Us** <https://www.usda.gov/reconnect/contact-us>
- **FY 2022 Funding Opportunity Announcement**
 - <https://www.federalregister.gov/documents/2021/10/25/2021-23128/rural-econnectivity-program>
- **Regulation** <https://www.govinfo.gov/content/pkg/FR-2021-02-26/pdf/2021-03443.pdf>
- **General Field Representative (GFR) & State Office**
 - <https://www.rd.usda.gov/contact-us/telecom-gfr/all>
 - <https://www.rd.usda.gov/contact-us/state-offices>





United States
Department of
Agriculture

Rural Development