Construction Map

USDA RUS ReConnect Program
Agenda

• Construction Map
  o How to Use the Construction Map
  o Adding Sites and Routes

• Construction Map Linkages

• Available Resources

• Question and Answer
Navigating to the Construction Map

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<th>Evaluation Criteria</th>
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<td>Service Area(s) Information</td>
<td>Network Design</td>
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<td>Site/Route Descriptions</td>
<td>Evaluation Criteria Summary</td>
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<td>Environmental Questionnaire</td>
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<td>Capital Investment Schedule</td>
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Construction Map Display
Construction Map Layers

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

3) Does the applicant’s proposed action have the potential to affect a floodplain?
   - YES  Floodplain analysis is required at the project level. Complete the floodplain section of the Project EQ.
   - NO   Go to Floodplains Question 4.

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 after 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 – 55 percent) or ‘All Hydric’ (96 – 100 percent), the AOI will be considered to be located within a wetland.

USDA is an equal opportunity provider, employer, and lender.
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/bore pits are proposed, please ensure this data is provided in the wetland section of the Site/Route EQ.

Enter entry coordinates (XX.XXXXXXXXXX, YYY.XXXXXXXXXX):

Enter exit coordinates (XX.XXXXXXXXXX, YYY.XXXXXXXXXX):

Save and Continue
Sites and Routes
Creating Sites and Routes
Creating Sites and Routes (continued)

6 Site/Route Name*
   Enter a name for the site or route...

7 Project Location Type*
   Select one...
Adding Routes

**Add A Site Or Route**

- **Site/Route Name***: test
- **Project Location Type***: Route
- **Please Specify The Width Of The Route**: 25 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 – Polyline Tool (Routes Only)

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

<table>
<thead>
<tr>
<th>Project Information</th>
<th>Project Documents</th>
<th>Service Area(s) Information</th>
<th>Network Design</th>
<th>Build-out Timeline and Milestones</th>
<th>Capital Investment Workbook (CIM)</th>
<th>Capital Investment Schedule</th>
<th>Network Documents</th>
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<tr>
<th>Financials</th>
<th>Environmental</th>
<th>Evaluation Criteria</th>
<th>Licenses &amp; Agreements</th>
<th>Certifications</th>
<th>Documents</th>
<th>Summary/Submit</th>
</tr>
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<tbody>
<tr>
<td>Local Network Service</td>
<td>Construction Map</td>
<td>Evaluation Criteria</td>
<td>Licenses &amp; Agreements</td>
<td>Certifications</td>
<td>Documents</td>
<td>Summary/Submit</td>
</tr>
<tr>
<td></td>
<td>Site/Route</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Documentation</td>
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</tbody>
</table>

- Environmental Questionnaire
Obtain Official Species Lists for Sites/Routes

### 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

<table>
<thead>
<tr>
<th>Route Name</th>
<th>Official Species List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drawn Route</td>
<td></td>
</tr>
<tr>
<td>Dynamically Change Width</td>
<td></td>
</tr>
<tr>
<td>Maryland - route</td>
<td></td>
</tr>
<tr>
<td>Route</td>
<td></td>
</tr>
</tbody>
</table>

**Number of rows:** 5

### Sites

<table>
<thead>
<tr>
<th>Site Name</th>
<th>Official Species List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creation of IPv6</td>
<td></td>
</tr>
<tr>
<td>Maryland - site</td>
<td></td>
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</tbody>
</table>
Using the IPaC Planning Tool
Using the IPaC Planning Tool (continued)
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.

[SAVE] [CANCEL]
Using the IPaC Planning Tool (continued)
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] [STEP / DOES NOT APPLY]
Using the IPaC Planning Tool (continued)

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**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).

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**SUBMIT OFFICIAL SPECIES LIST REQUEST**
Available Resources
Available Resources

- **Register for upcoming events** [https://www.usda.gov/reconnect/events](https://www.usda.gov/reconnect/events)
- **ReConnect website** [https://www.usda.gov/reconnect](https://www.usda.gov/reconnect)
  - Fact Sheets & Frequently Asked Questions
- **Contact Us** [https://www.usda.gov/reconnect/contact-us](https://www.usda.gov/reconnect/contact-us)
- **FY 2022 Funding Opportunity Announcement**
- **Regulation** [https://www.govinfo.gov/content/pkg/FR-2021-02-26/pdf/2021-03443.pdf](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/telecom-gfr/all)
  - [https://www.rd.usda.gov/contact-us/state-offices](https://www.rd.usda.gov/contact-us/state-offices)