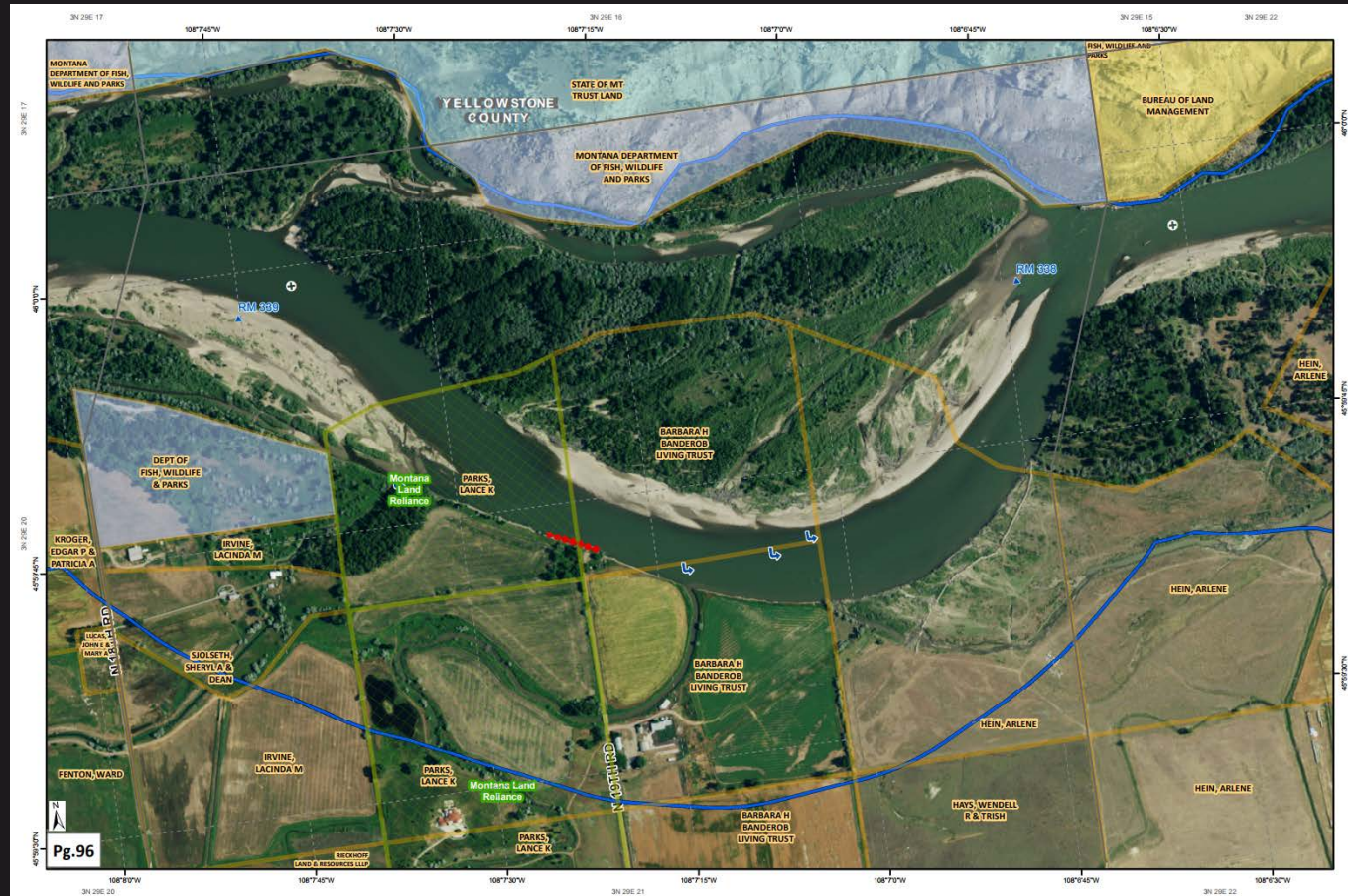# Yellowstone River Map Book:

Detailed (1:8,000 scale) maps of the Yellowstone River corridor from Reed Point to Bighorn, MT

Produced by the Montana State Library
for the
Department of Justice Natural Resource Damage Program
December 2017

Purpose: This Map Book was developed to aid decision makers in targeting areas for restoration along the Yellowstone River Corridor

Map Book pages print best landscape at 11x17.

The scale is the same on all pages, 1:8,000 (4 inches = approximately ½ mile).

Conservation Easements are a green hatch and green labe!

Public Lands are a solid fill color with transparency
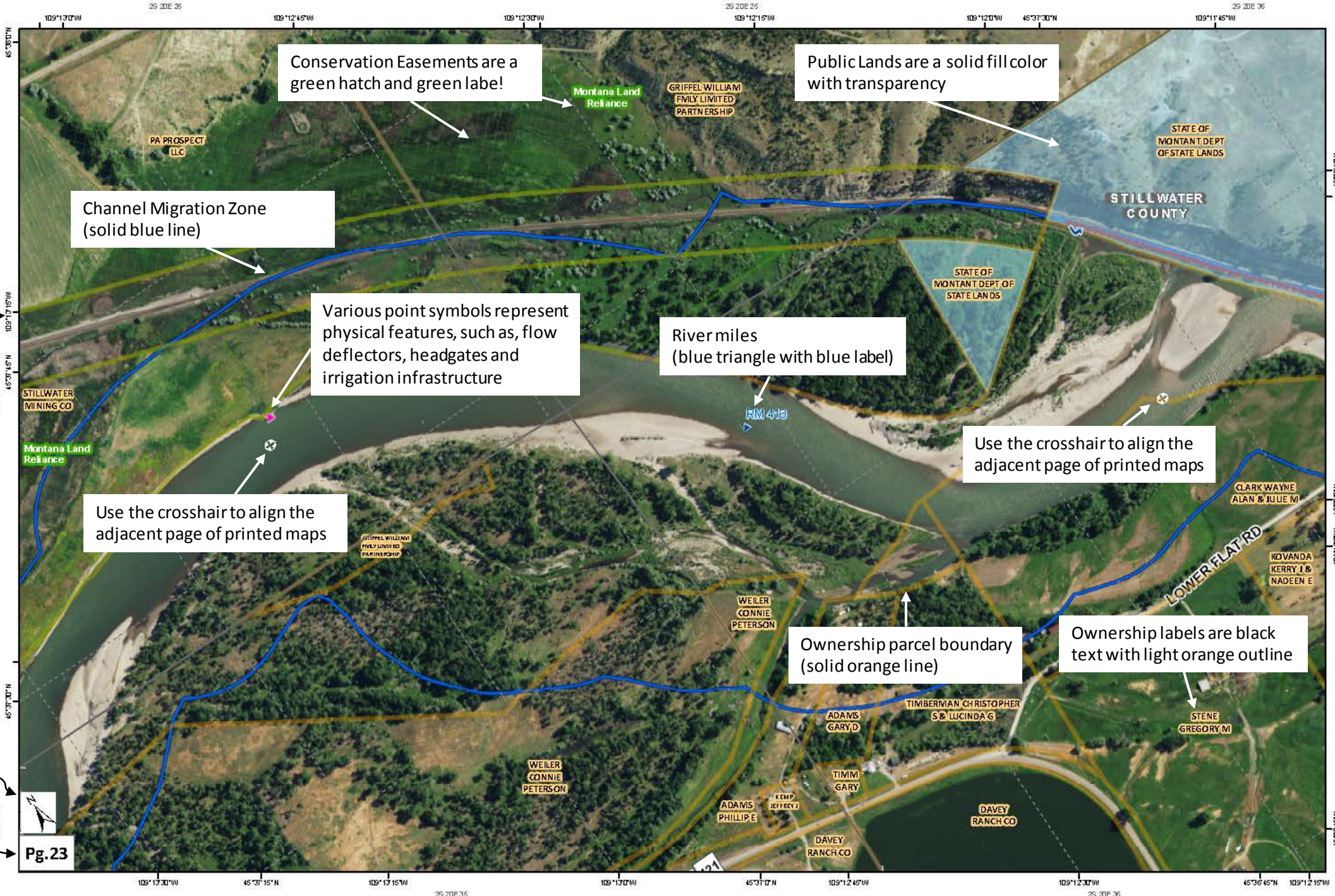
Channel Migration Zone (solid blue line)

Locational information is around the outside of the map:
- Latitude Longitude (thin dashed gray line)
- Township Range Section (solid gray line)

Various point symbols represent physical features, such as, flow deflectors, headgates and irrigation infrastructure

River miles (blue triangle with blue label)

Use the crosshair to align the adjacent page of printed maps

Use the crosshair to align the adjacent page of printed maps

Ownership parcel boundary (solid orange line)

Ownership labels are black text with light orange outline

North rotates with each page

Map Book page number

Pg. 23

Legend
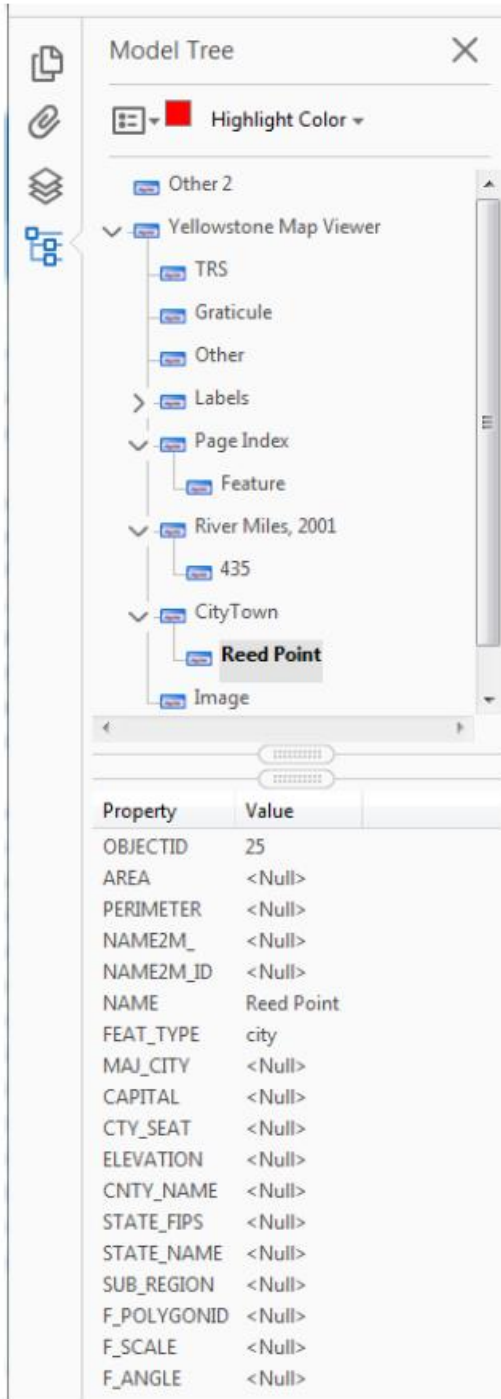
▲ River Miles, 2001

● CityTown

▭ Parcels

▭ Channel Migration Zone

▭ Counties

▭ Bureau of Land Management

▭ Bureau of Reclamation

▭ US Fish and Wildlife

▭ National Park Service

▭ US Forest Service

▭ US Dept of Agriculture

▭ Defense Dept/Army Corp of Engineers

▭ State of Montana Misc.

▭ Montana State Trust Land

▭ Local Government

▭ Tribal

▭ Bureau of Indian Affairs Trust Land

▭ Conservation Easement

Agriculture

Boat Ramp - Paved

Boat Ramp - Unpaved

Bridge

Dump Site

Flow Deflector

Foundation House

Headgate

Industrial Intake

Industry

Irrigation Diversion

Irrigation Headgate

Irrigation Pump - Permanent

Irrigation Pump - Portable

Irrigation Return Flow

Municipal

Municipal Intake

Pipelines

Powerlines

Railroad Trestle

Rock RipRap

Concrete RipRap

Floodplain Dike/Levee

Transportation Encroachment

Car Bodies

Gabions

Bedrock Outcrop

Bedrock Control

Steel Retaining Wall

Tree Revetments

Viewing a Georeferenced PDF in Acrobat Adobe Reader DC

1. To view the layers in a georeferenced PDF, click on the Layers symbol to the left of the map.

2. Turn the layers on and off in the map by clicking the eye symbol to the left of the layer.
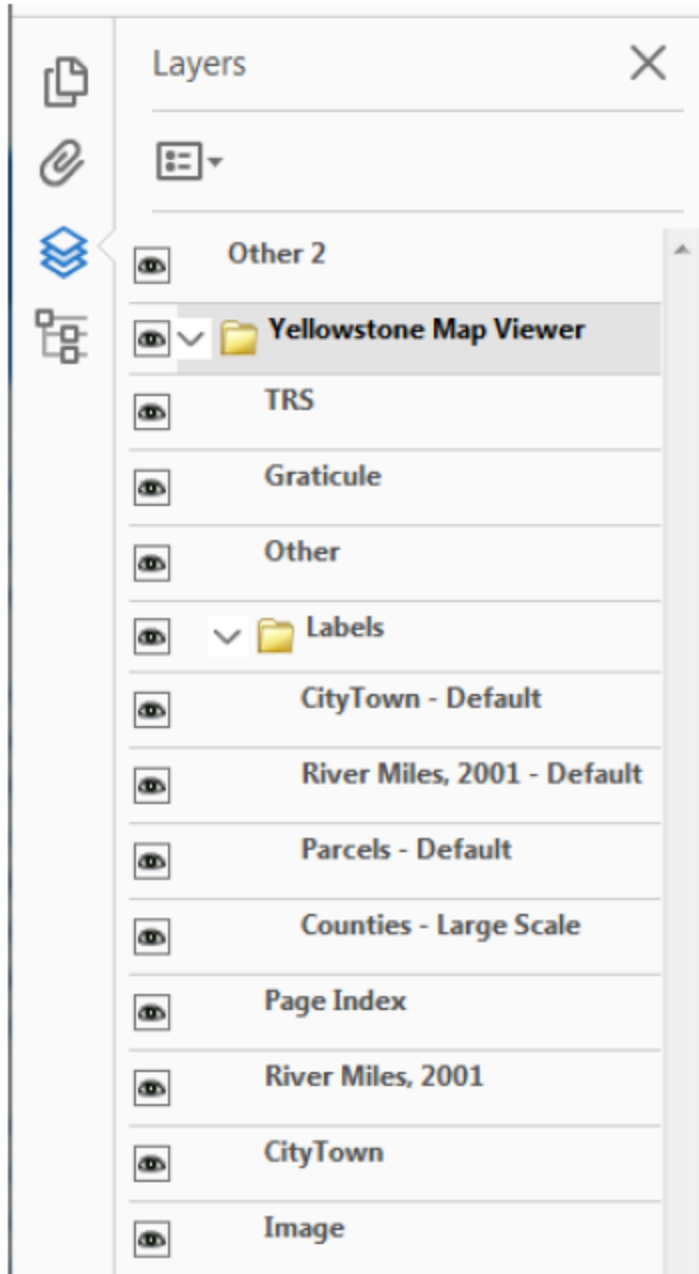
3. Access the feature attributes of each map from the lower left icon. Expand each layer to see the sublayers, and click on a sublayer to see the attributes in the window below.

4. See the **Interact with geospatial PDFs** section in order to access the measuring and location tools.

https://helpx.adobe.com/acrobat/using/geospatial-pdfs.html

Import a Georeferenced PDF Into Avenza Maps Mobile App to Use in the Field

1. Download the Avenza Maps Mobile App. http://www.avenza.com/pdf-maps
2. Create an account to sign in in the app.
3. From the Home screen titled **Maps**, click on the **+** button in the lower right corner.
4. Then click on the download symbol next to **Download or import a map**.
5. Under **Import Your Own Maps**, click on **From Dropbox**.
6. Navigate to your Dropbox account where you have placed the georeferenced PDF to import it into the app.
7. Sign in to Dropbox and navigate to the georeferenced PDF.
8. When Avenza has completed importing your georeferenced PDF, click on it to open it.
9. If you are in the area covered by the georeferenced PDF map, your location will appear on the map as a blue icon.
10. You can drop placemarks, record GPS tracks, or measure a distance or area on your map using the tool icons at the top of the map.

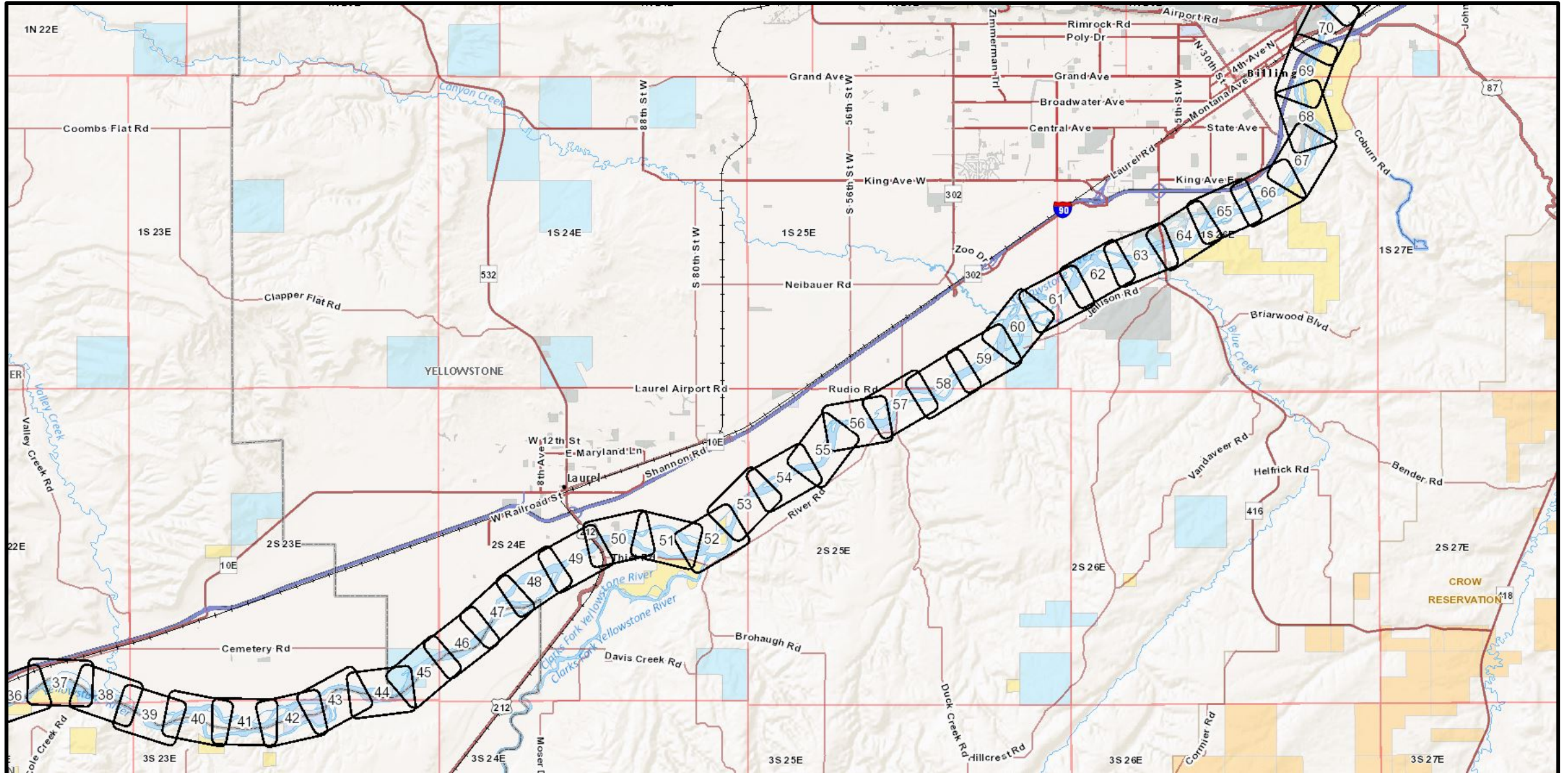Additional information on georeferenced PDFs is available here:

http://fwp.mt.gov/doingBusiness/reference/maps/geoReferencedMaps.html
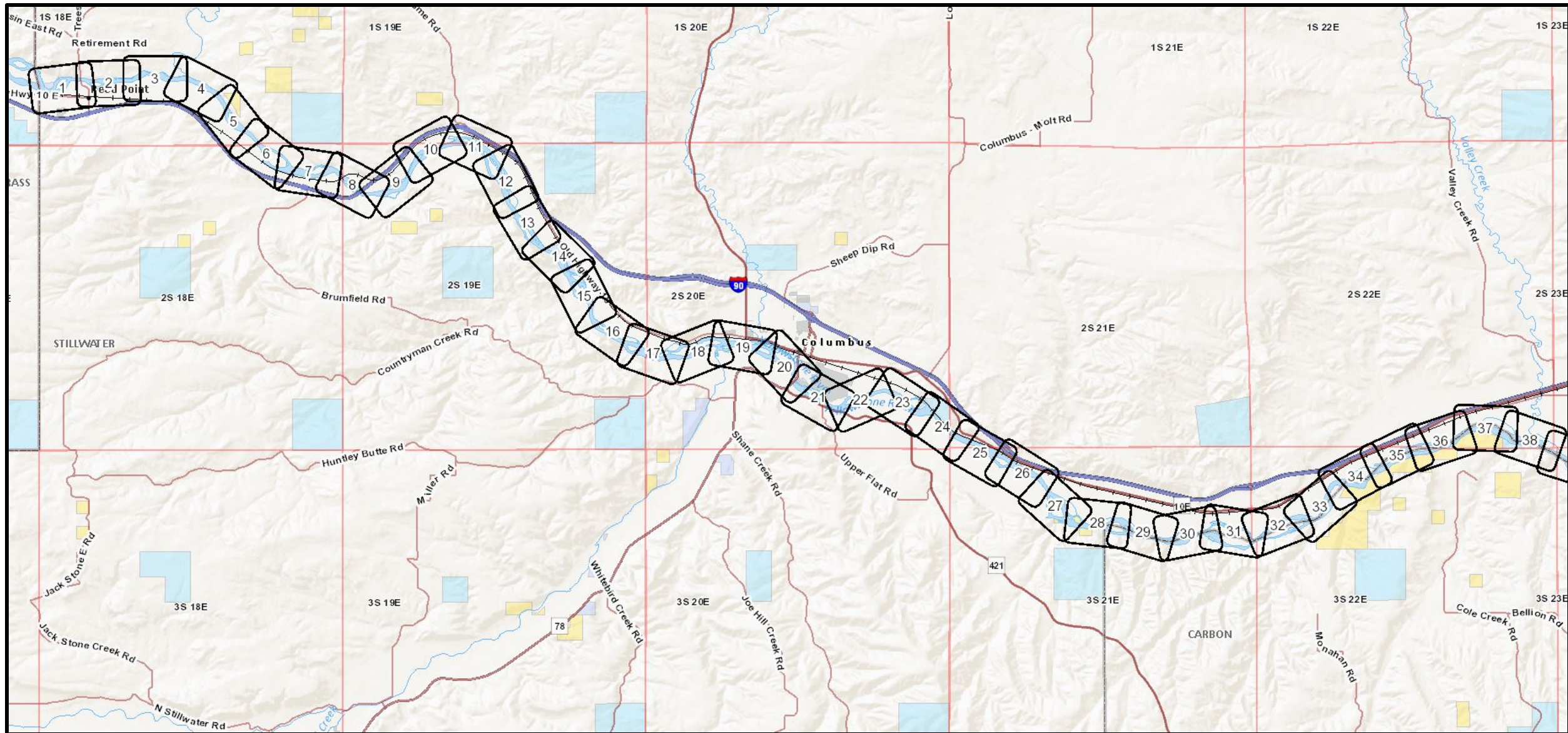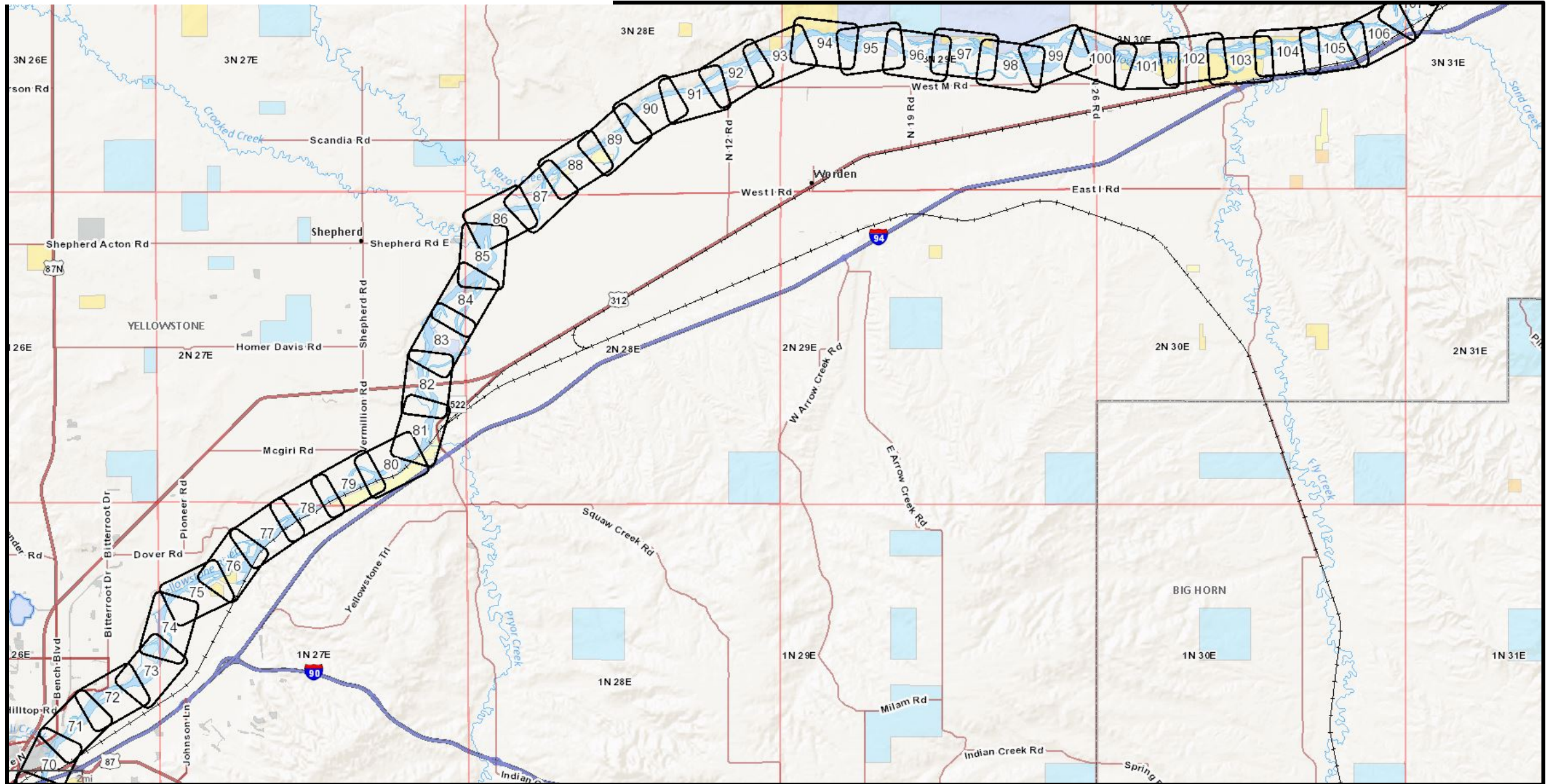
Map Index: pages 1-38

Downriver ⟶

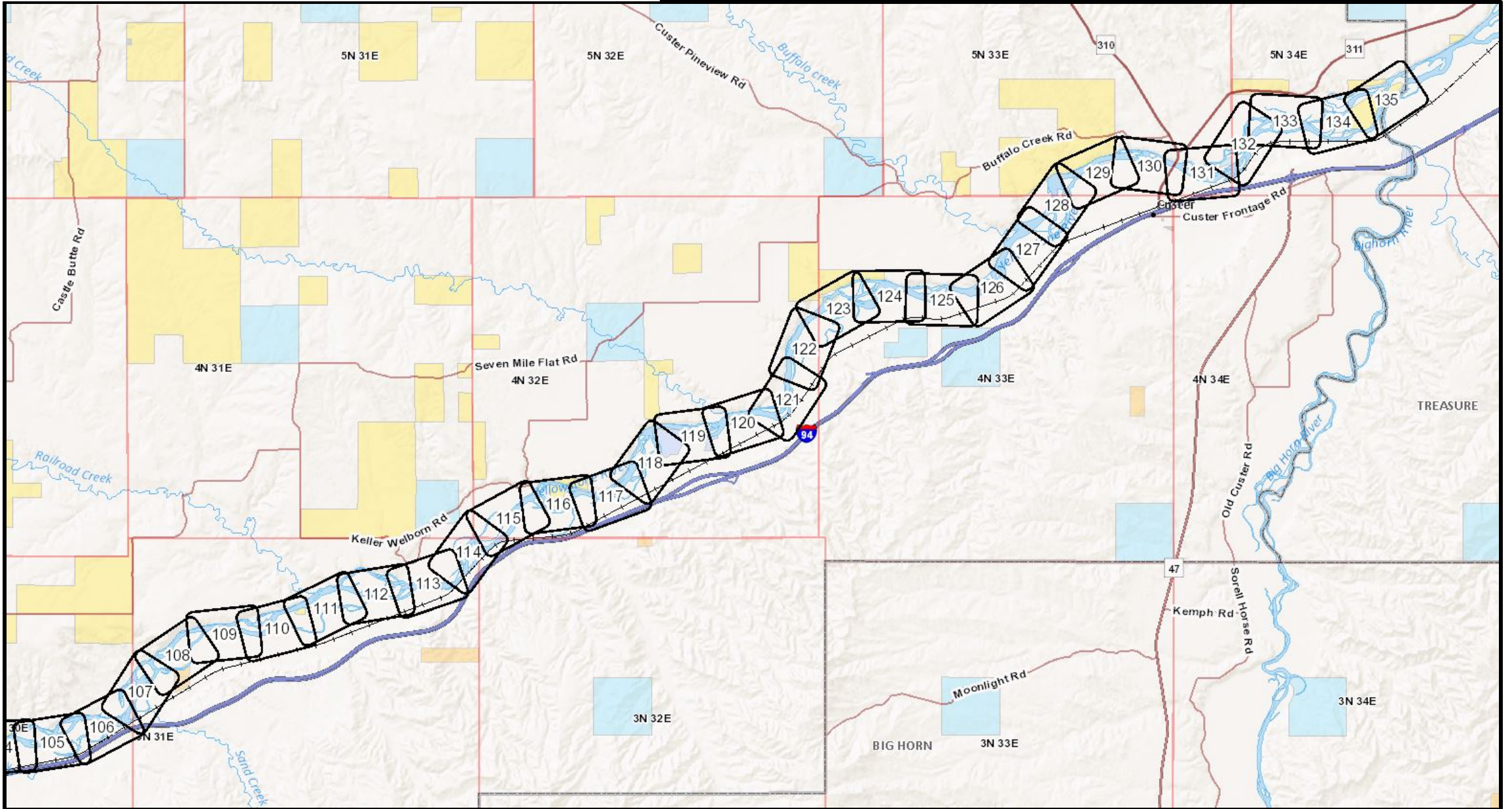# Map Index: pages 39-70

Downriver →

Map Index: pages 71-106

Downriver →

Map Index: pages 107-135

Downriver →