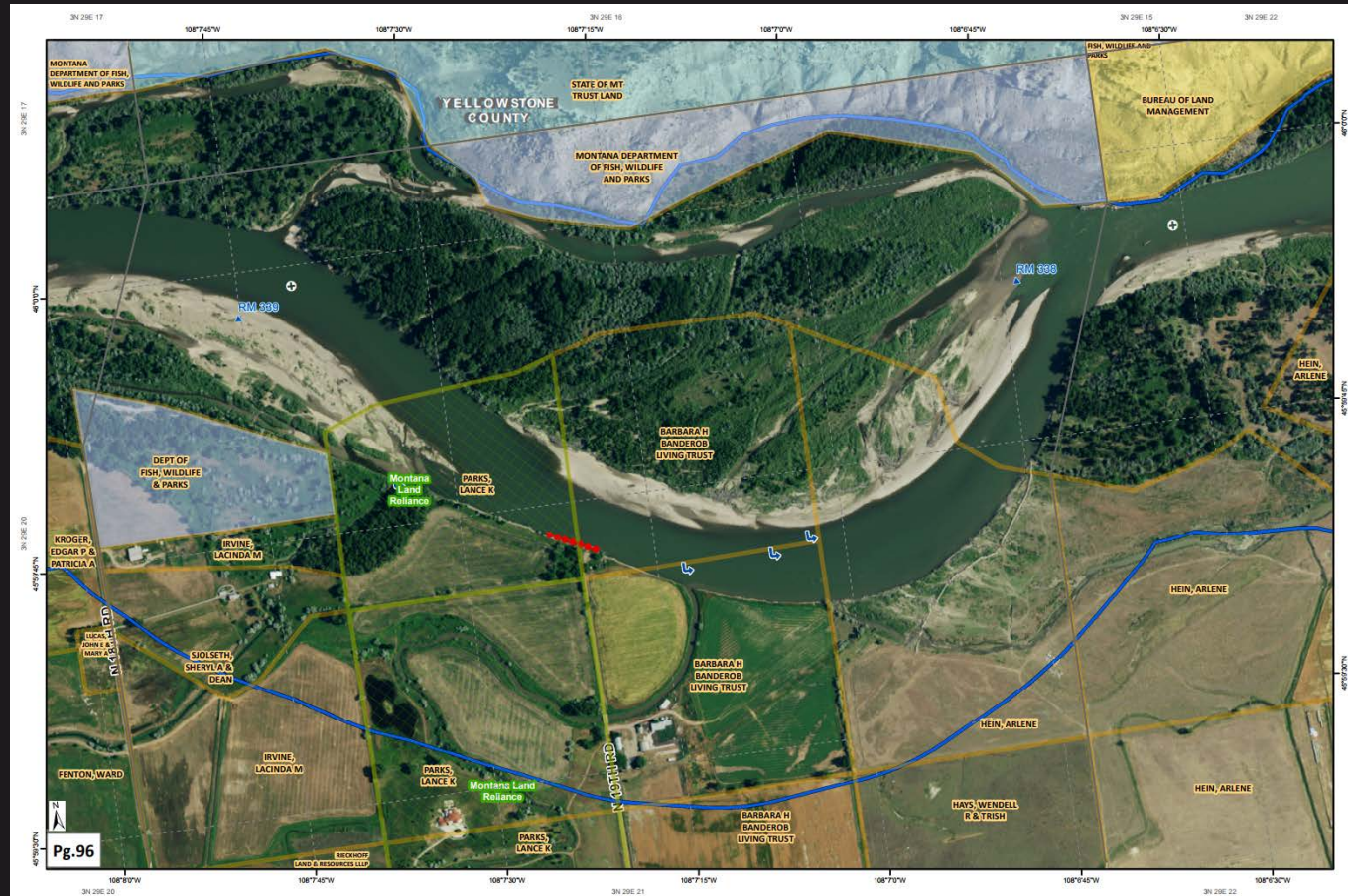


Yellowstone River Map Book:

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

Disclaimer: The Montana State Library provides this product/service for informational purposes only. The Library did not produce it for, nor is it suitable for legal, engineering, or surveying purposes. Consumers of this information should review or consult the primary data and information sources to ascertain the viability of the information for their purposes. The Library provides these data in good faith but does not represent or warrant its accuracy, adequacy, or completeness. In no event shall the Library be liable for any incorrect results or analysis; any direct, indirect, special, or consequential damages to any party; or any lost profits arising out of or in connection with the use or the inability to use the data or the services provided. The Library makes these data and services available as a convenience to the public, and for no other purpose. The Library reserves the right to change or revise published data and/or services at any time.

Map Book pages print best landscape at 11x17.

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

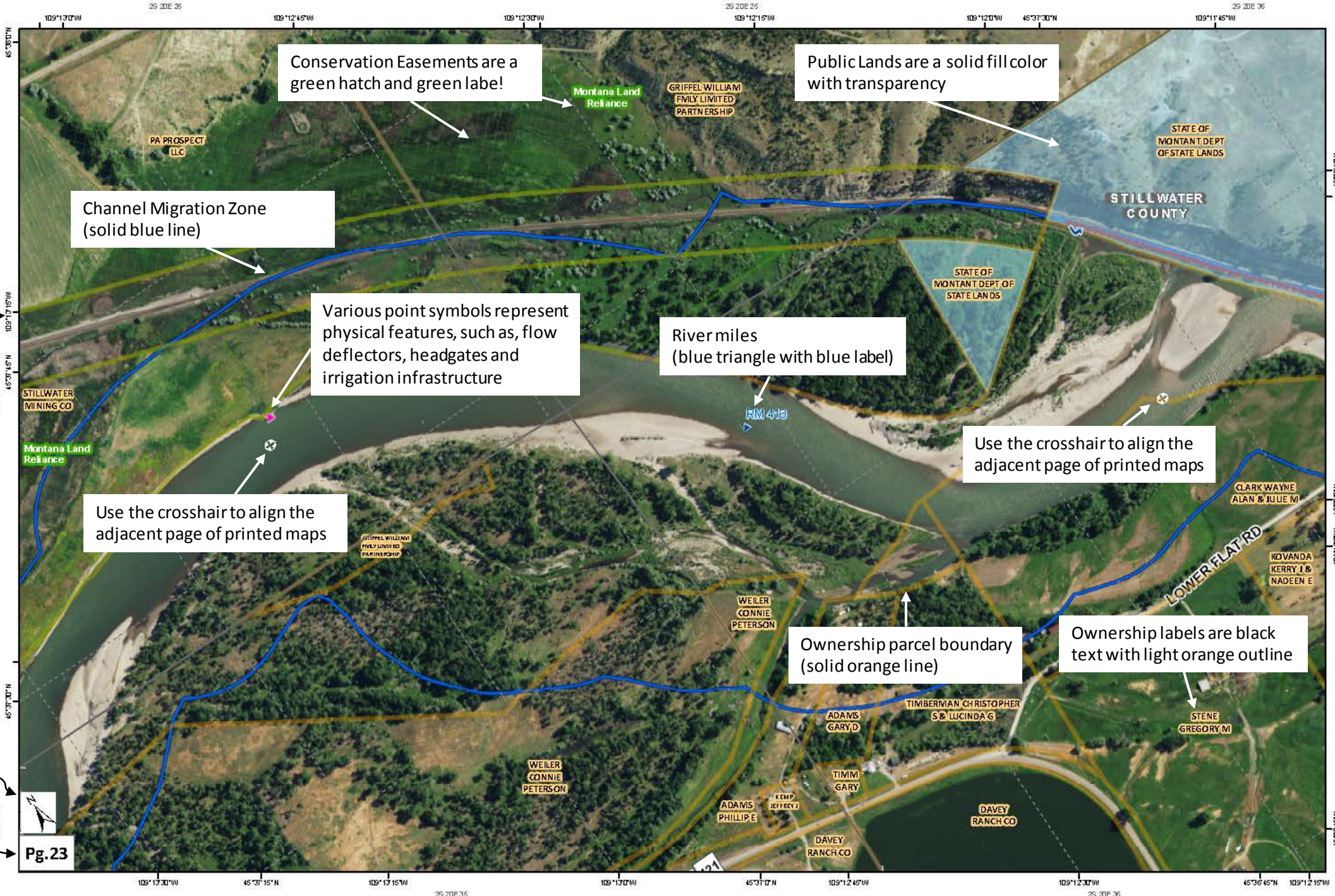
Locational information is around the outside of the map:

- Latitude Longitude (thin dashed gray line)

- Township Range Section (solid gray line)

North rotates with each page

Map Book page number



Conservation Easements are a green hatch and green label!

Public Lands are a solid fill color with transparency

Channel Migration Zone (solid blue 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)

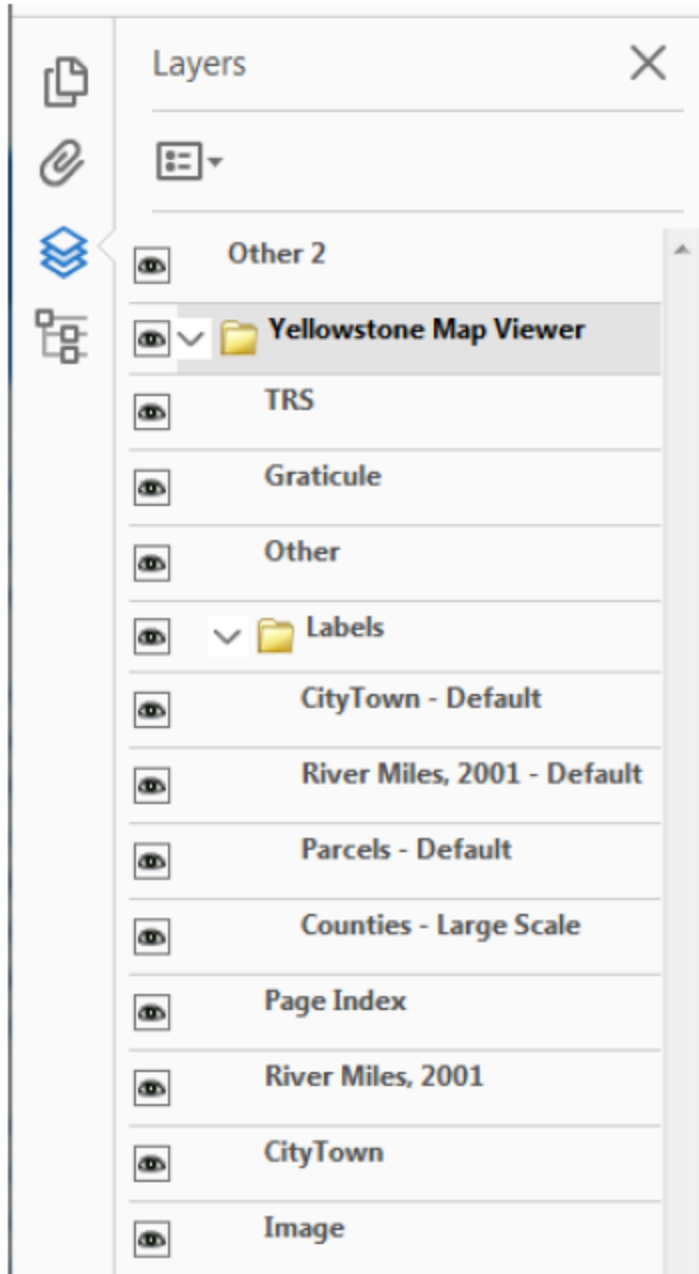
Ownership labels are black text with light orange outline

Legend

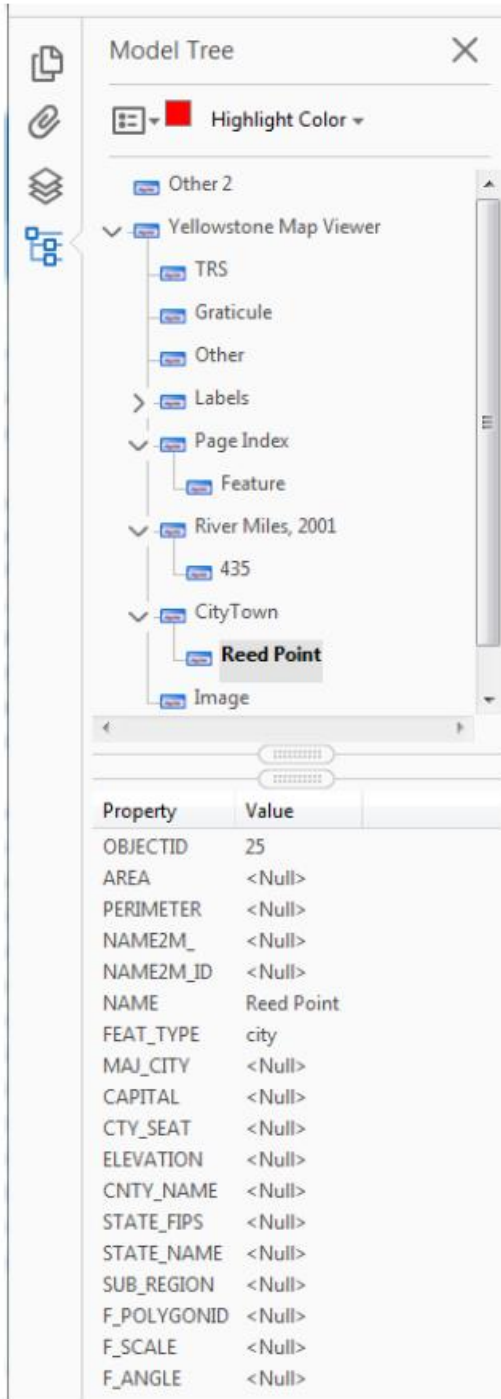
-  River Miles, 2001
-  City/Town
-  Parcels
-  Channel Migration Zone
-  Counties
-  Bureau of Land Management
-  Bureau of Reclamation
-  US Fish and Wildlife
-  National Park Service
-  US Forest Service
-  US Dept of Agriculture
-  Defense Dept/Army Corp of Engineers
-  State of Montana Misc.
-  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.



The screenshot shows the 'Model Tree' window in Adobe Acrobat. The tree structure is as follows:

- Other 2
- Yellowstone Map Viewer
 - TRS
 - Graticule
 - Other
 - Labels
 - Page Index
 - Feature
 - River Miles, 2001
 - 435
 - CityTown
 - Reed Point**
 - Image

The 'Reed Point' sublayer is selected, and its attributes are displayed in the following table:

Property	Value
OBJECTID	25
AREA	<Null>
PERIMETER	<Null>
NAME2M_	<Null>
NAME2M_ID	<Null>
NAME	Reed Point
FEAT_TYPE	city
MAJ_CITY	<Null>
CAPITAL	<Null>
CTY_SEAT	<Null>
ELEVATION	<Null>
CNTY_NAME	<Null>
STATE_FIPS	<Null>
STATE_NAME	<Null>
SUB_REGION	<Null>
F_POLYGONID	<Null>
F_SCALE	<Null>
F_ANGLE	<Null>

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>

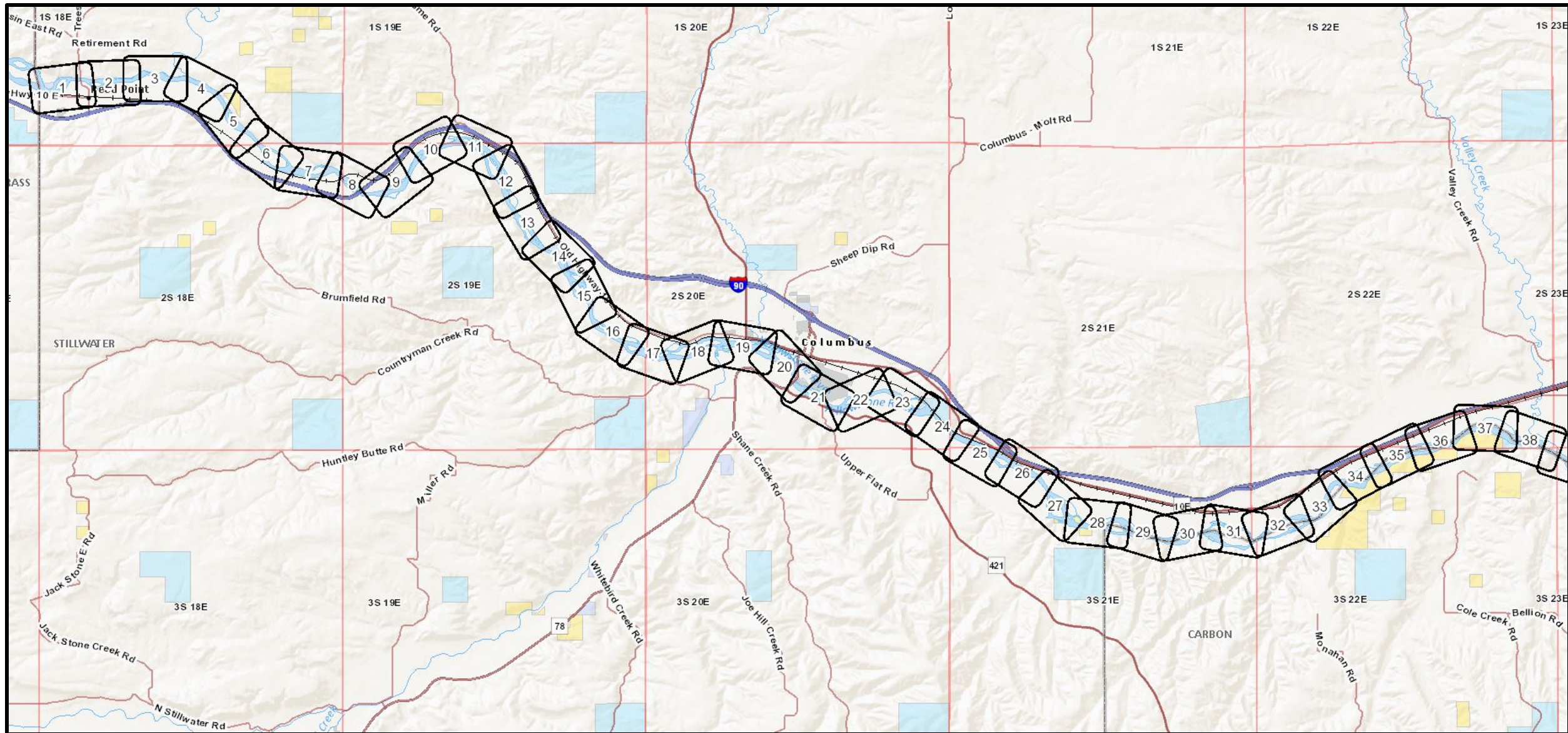
Import a Georeferenced PDF Into Avenza Maps Mobile App to Use in the Field

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:

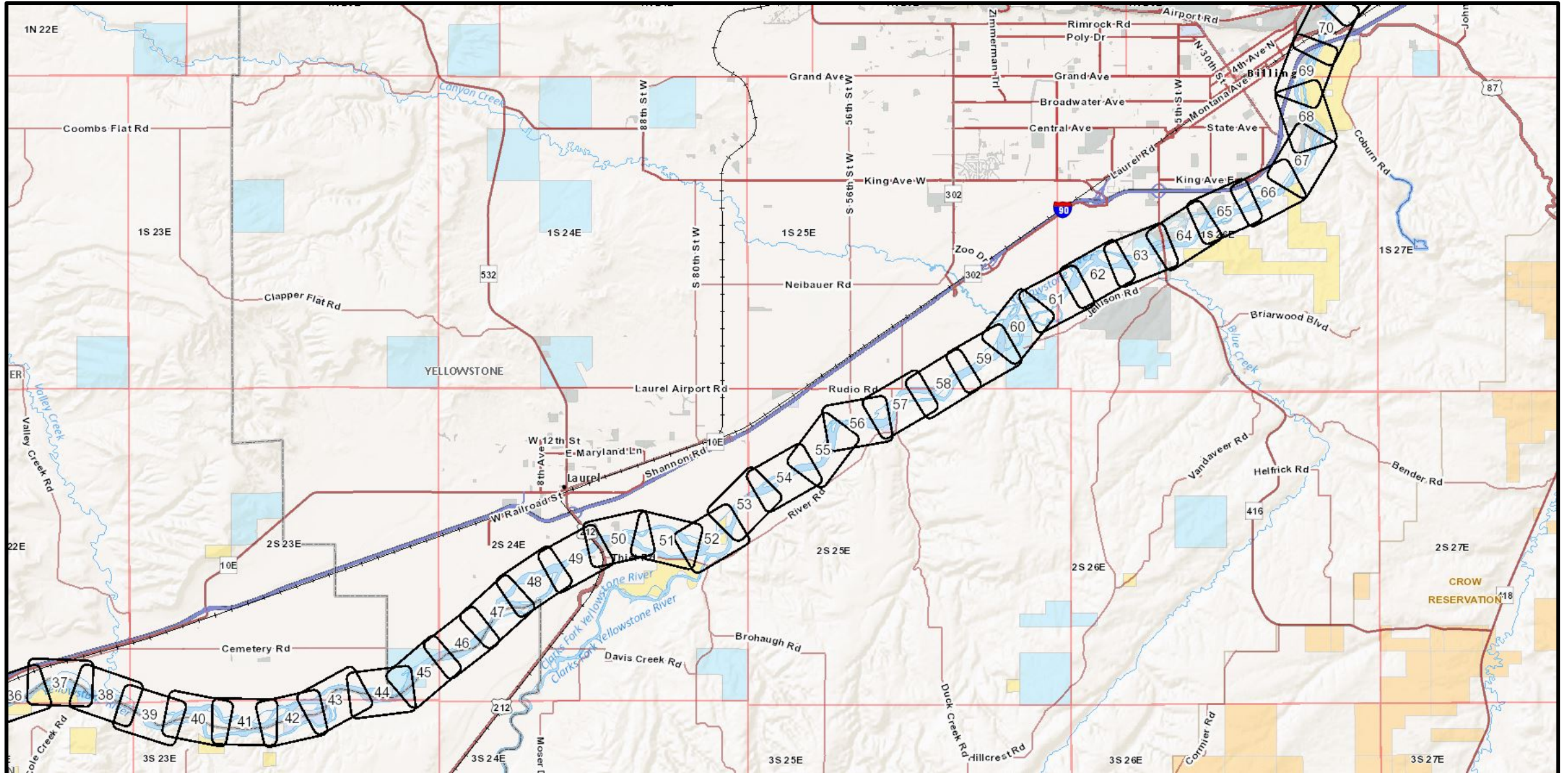
<http://fwp.mt.gov/doingBusiness/reference/maps/geoReferencedMaps.html>

Map Index: pages 1-38



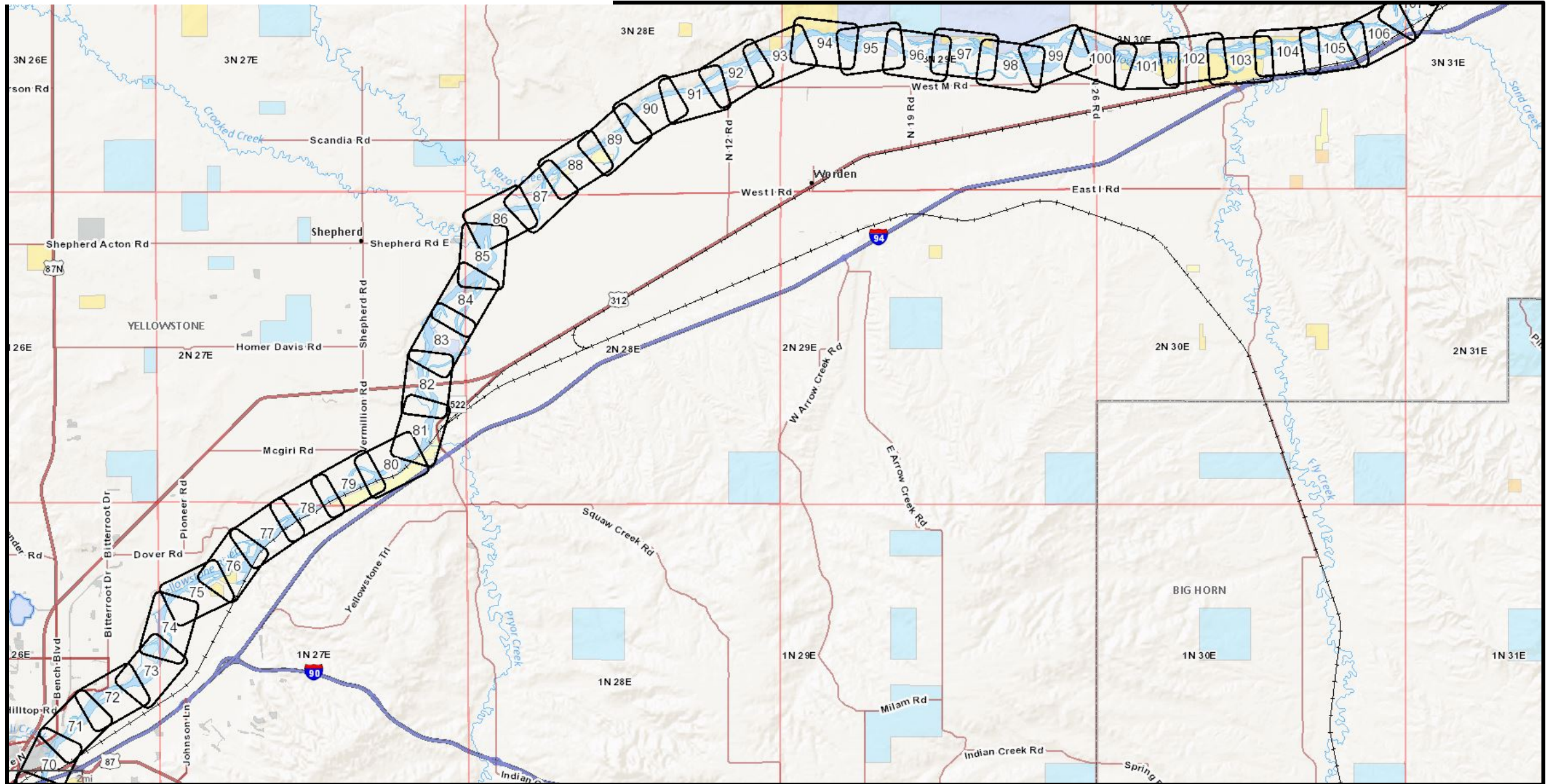
Downriver →

Map Index: pages 39-70



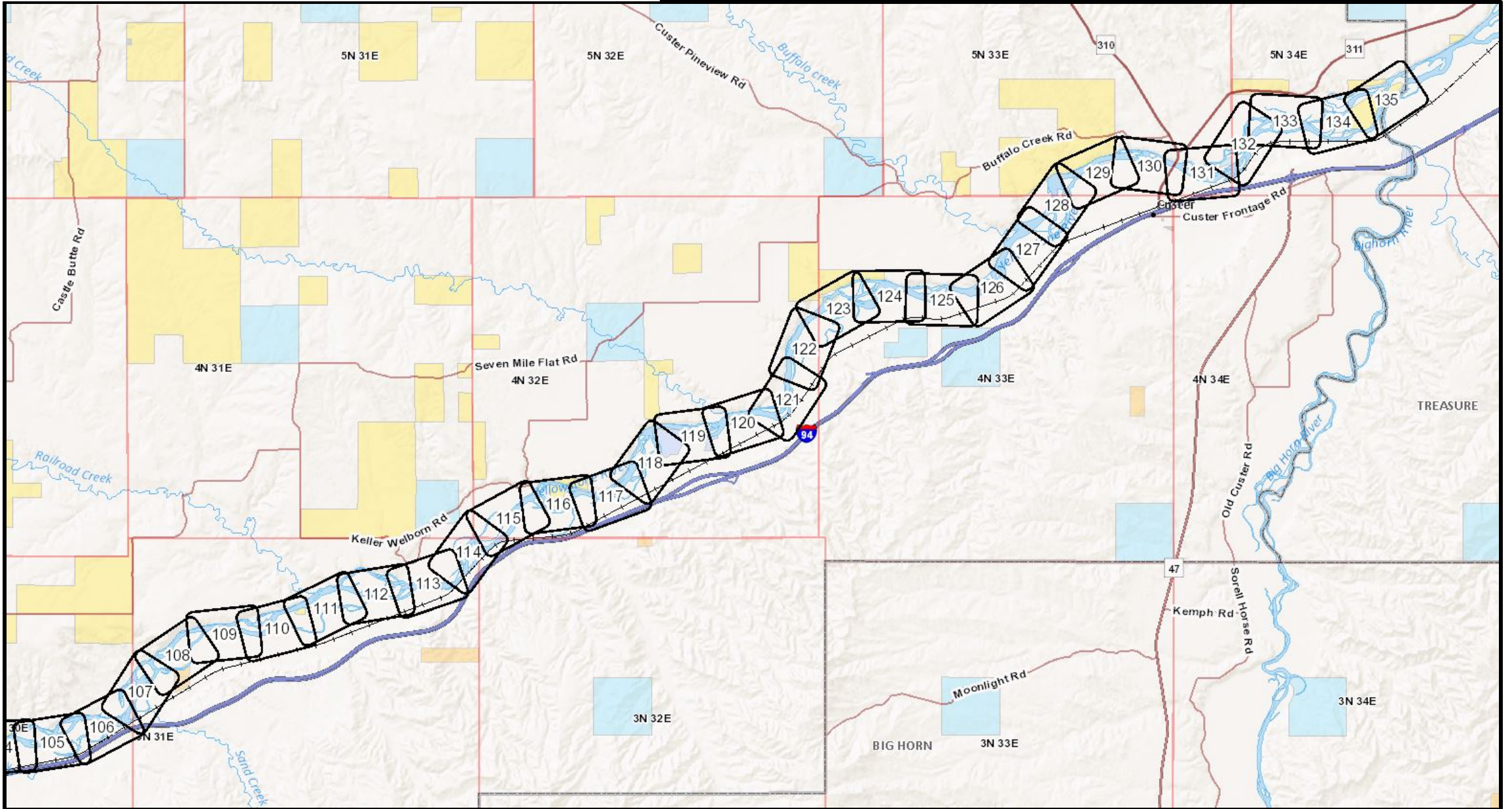
Downriver →

Map Index: pages 71-106



Downriver →

Map Index: pages 107-135



Downriver →