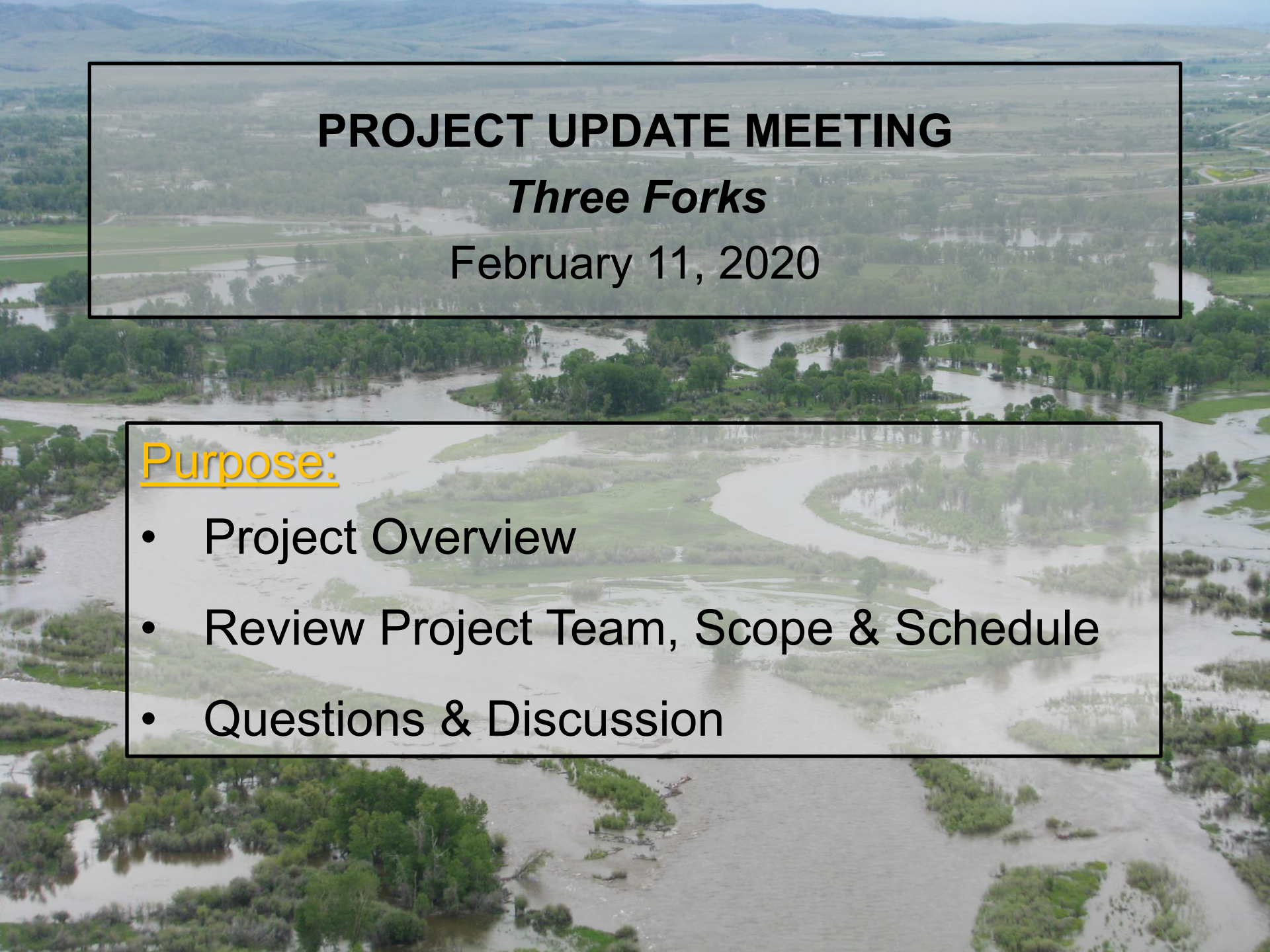




PROJECT UPDATE MEETING

Three Forks

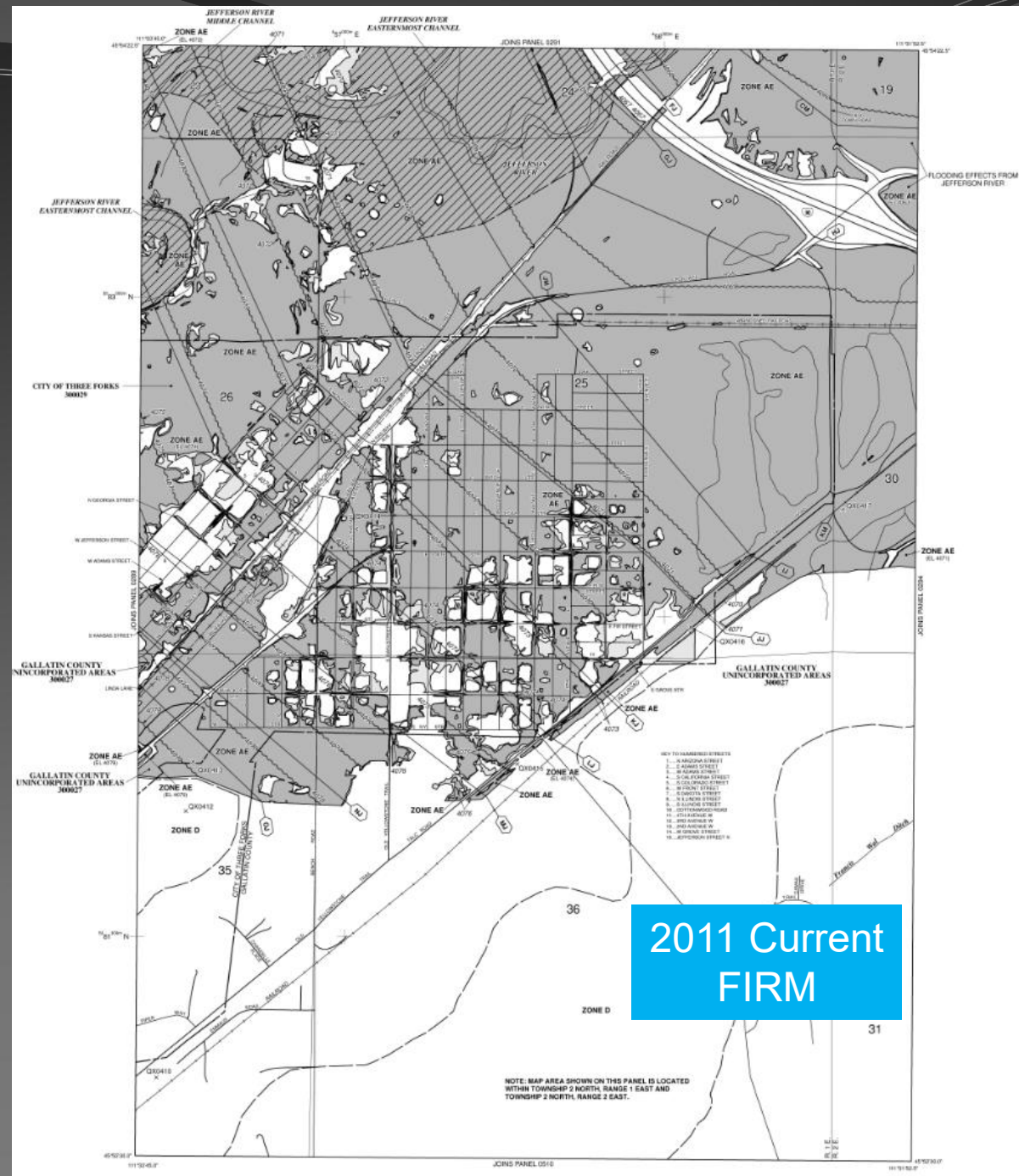
February 11, 2020

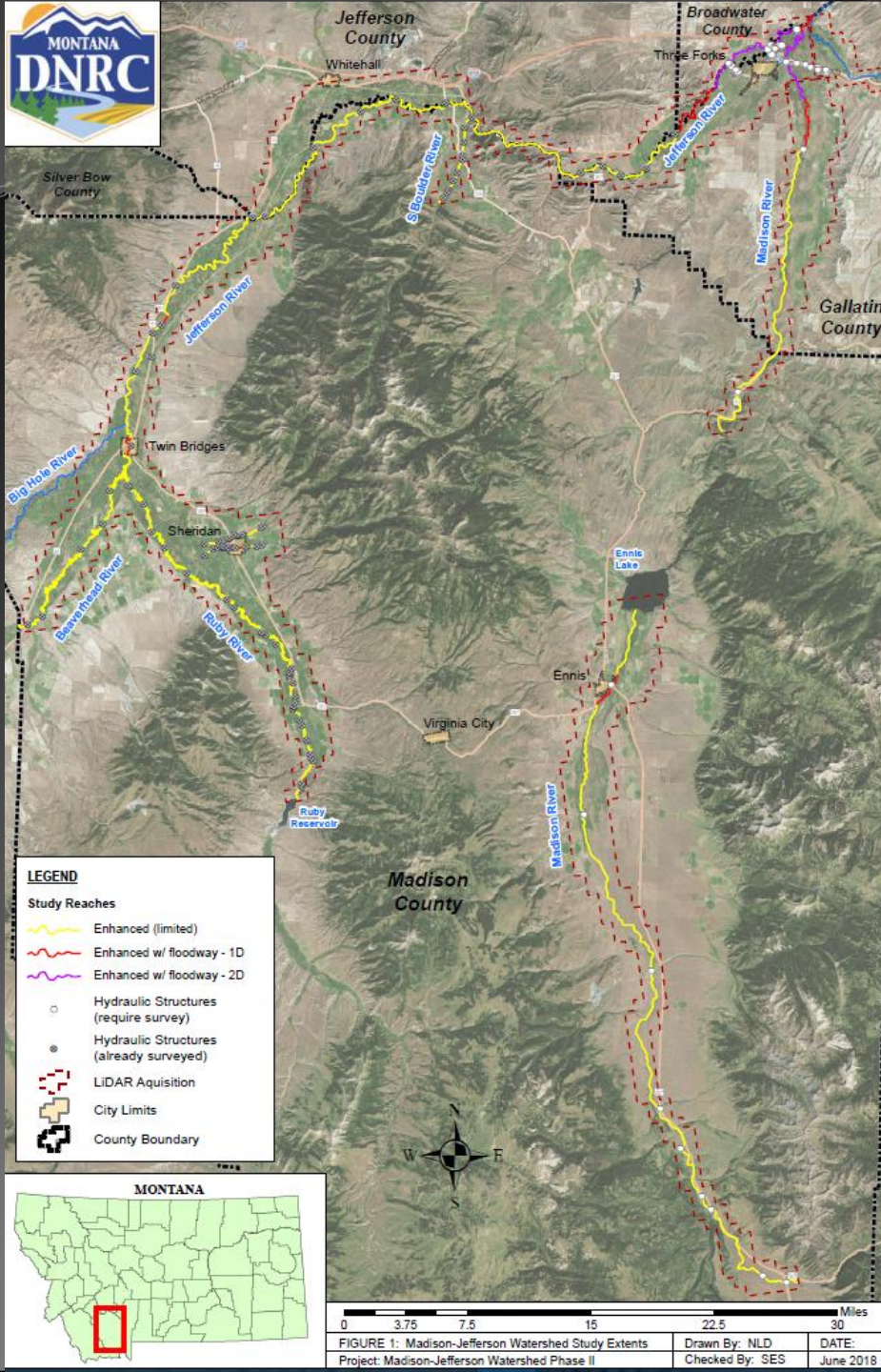
Purpose:

- Project Overview
- Review Project Team, Scope & Schedule
- Questions & Discussion

Three Forks- Floodplain Maps

- 1975 Flood Hazard Boundary Maps (by HUD)
- 1980 – Detailed study conducted by FEMA Flood Insurance Rate Maps issued
- 2004- Detailed study conducted
- 2011- Study from 2004 included in Gallatin County digitization





262 stream miles

-33 miles w/ floodway

-229 miles no floodway

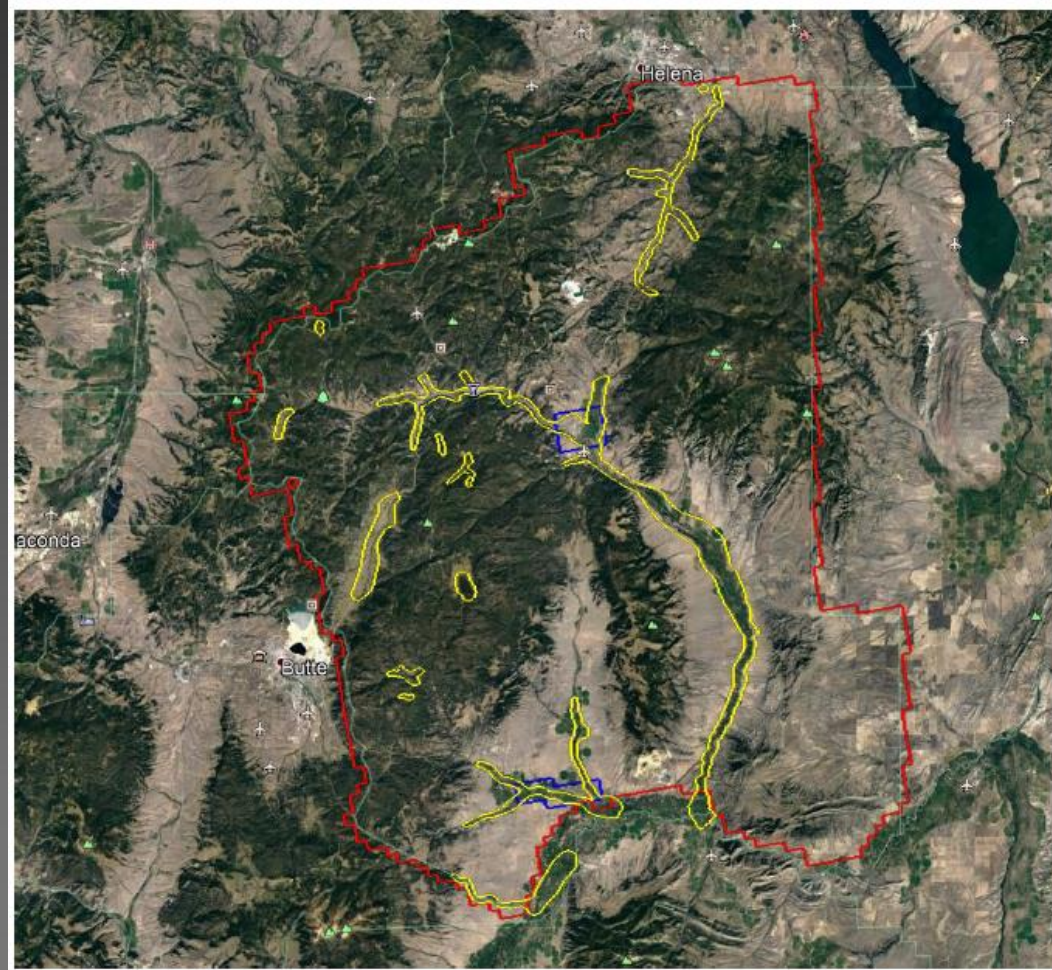
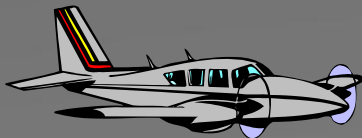
66 miles will update existing studies

195 miles new studies for unmapped areas

Project Scope

Topographic Data Collection

- Lidar Data Acquisition:
 - Provides data needed for hydraulic modeling and floodplain mapping.
 - ~1,677 square miles



Project Scope

Survey Work

Provides in-stream and bridge/crossing data needed for hydraulic modeling and floodplain mapping.



Engineering and
Environmental Services

September 2018

Dear Landowner along Prickly Pear Creek and tributaries,

We are writing to inform you that the Montana Department of Natural Resources and Conservation (DNRC) has hired our firm to complete a bridge and diversion structure inventory and conduct limited survey along Prickly Pear Creek and select tributaries. The work will ultimately help produce new and updated floodplain mapping along selected reaches of these rivers. We will collect basic information on bridges and diversion structures for Prickly Pear Creek and select tributaries to develop a hydraulic structure inventory. The inventory will cover the entire 18.7 miles of Prickly Pear Creek and 8.1 miles of tributaries in Jefferson County (area noted in the image below).

We are sending you this courtesy notice because you have been identified as a landowner along the river channel in the study area. Our survey personnel will start the work October 1, 2018 and continue working as long as weather permits. If we do not get to your property before cold weather shuts down the work, we will send a follow up letter in the spring to inform you that work has started again. We plan to survey or collect information approximately 50 feet beyond the water's edge at each cross section, bridge, or diversion structure. If you do not wish for our survey personnel to enter your property, please notify us using the contact information below. If you would like to be contacted on your cell phone or via email prior to the survey personnel accessing your property, please provide that contact information to one of the project contacts listed below.

Thank you for your time. If you have any questions or comments, please direct all correspondence to the following:



Department of Natural Resources
and Conservation (DNRC)

Tiffany Lyden, Outreach Specialist
DNRC Floodplain Management Program
1424 9th Ave.
Helena, MT 59601
tyden@mt.gov (406) 444-0599



Pioneer Technical Services, Inc.

George Austiguy P.E., Senior Project Manager
106 Froghorn Trail
Bozeman, MT 59718
gaustiguy@pioneer-technical.com (406) 723-1981



HEADQUARTERS: PO BOX 166 • BUTTE, MT 59702 | PH: 406.762.1177 • FX: 406.762.1666 | WWW.PIONEER-TECHNICAL.COM

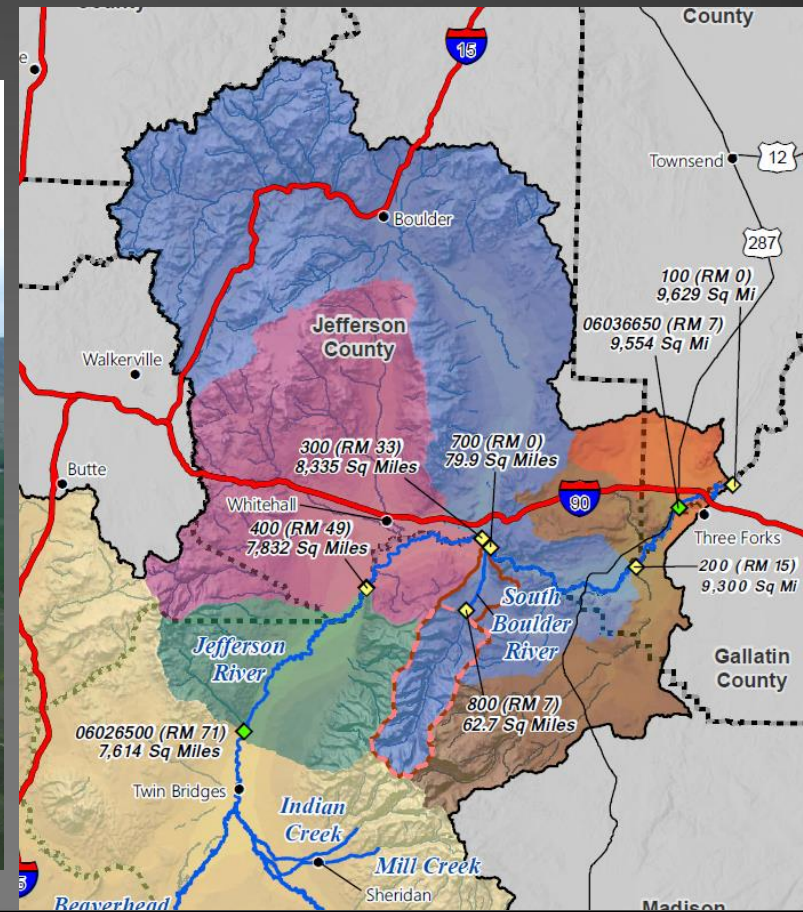
ANACONDA • BILLINGS • BOZEMAN • HELENA • MISSOULA • LAS VEGAS, NV • KELLOGG, ID

Project Scope



Hydrology

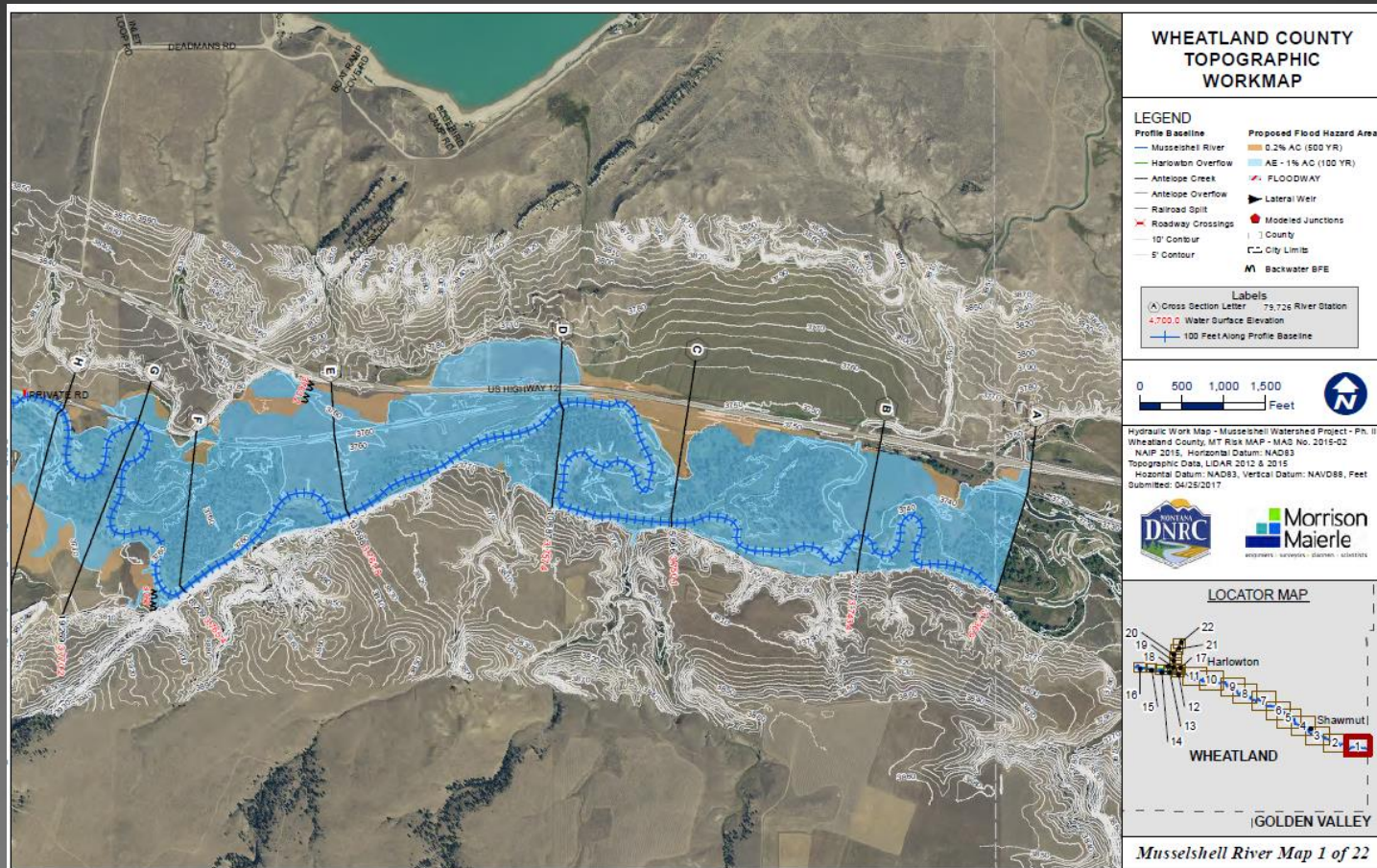
Provides flow data needed for hydraulic modeling and floodplain mapping.



Project Scope

Hydraulic Analysis and Floodplain Mapping

Hydraulic modeling and engineering to produce draft maps



Project Timeline

Madison & Jefferson Watershed Floodplain Maps Update

