

Wibaux and Wolf Creek Rehab Plan Cascade Build Plan

Docket No. D2014.11.91



CenturyLink®

Currently the Wibaux wire center serves 81 customers. There have been 51 total trouble tickets over the last 24 months (ending September 30, 2015). Of these 51 tickets, 28 were not associated with repeated reports. Three cable counts on the South and North routes have been identified as the primary cause of the trouble reports.

The following cable counts will be our focus:

Cable 303, Pairs 1-100 feeding Cross Box X87.13 RL13

- *This cable is 16.5 miles from the Central Office*

Cable 311, Pairs 1-100 feeding Cross Box X127.15 RL15f

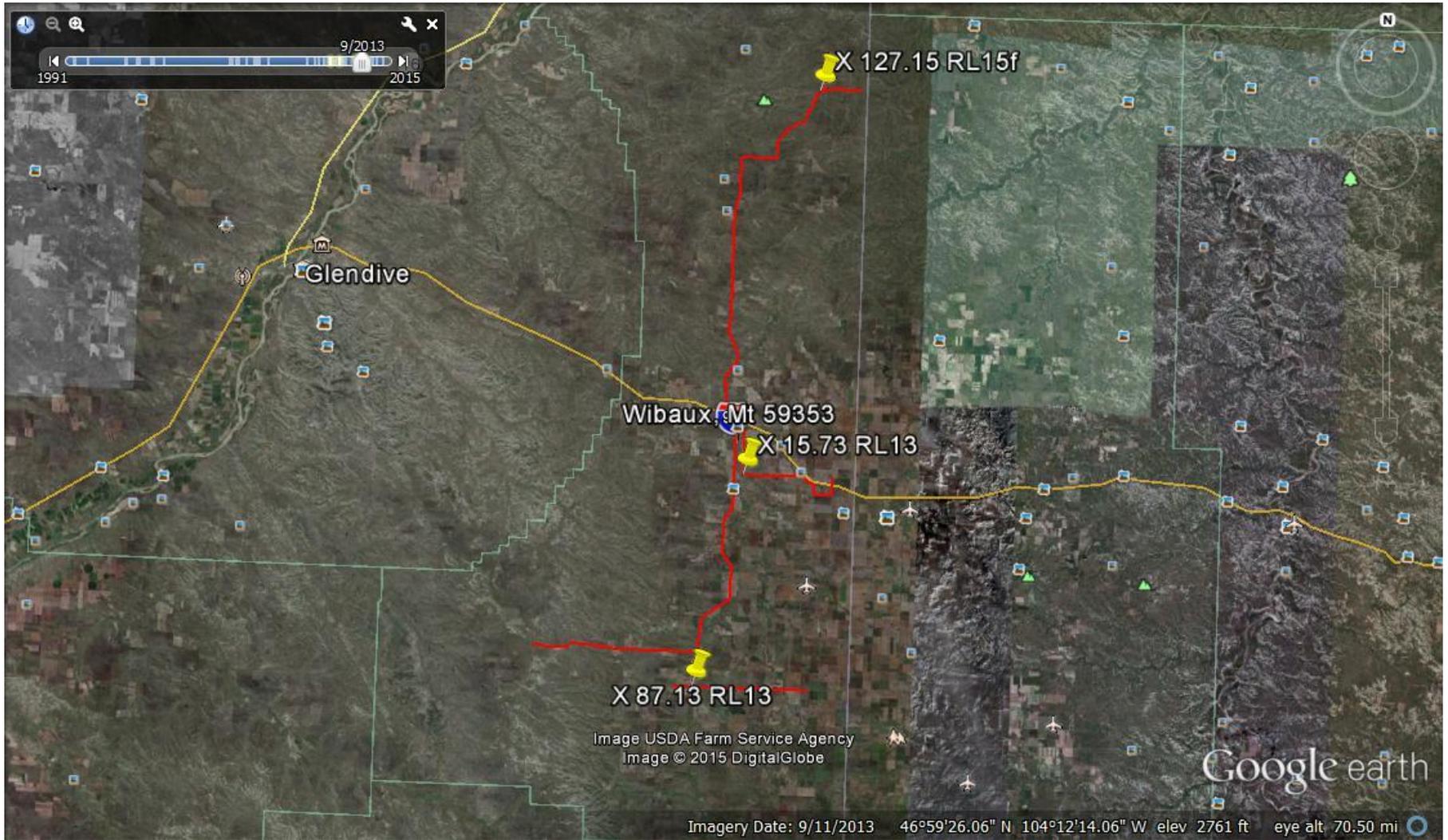
- *This cable is 24 miles from the Central Office*

Cable 402, Pairs 1-100 feeding Cross Box X15.73 RL13

Action to be taken beginning on April 15, 2016:

1. *Inspect Bonding and Grounding at each cable sheath opening. Correct or replace if damaged.*
2. *Assess Pedestal condition. Correct or replace the pedestal if damaged*
3. *Evaluate Repeater Housing condition. Verify environmental integrity and replace if damaged.*
4. *Identify cable sections with more than 10% bad pairs. Rebuild splices or replace if greater than 10%.*
5. *Inspect Carrier Housing and electronics condition. Repair or replace if damaged or deteriorated.*

Wibaux



Wolf Creek

Currently the Wolf Creek wire center serves 245 customers. There have been 48 total trouble tickets over the last 24 months (ending Sept 30, 2015). Two cable counts on Route 3 have been identified as the primary cause of the trouble reports. Issues with this route range from pedestals needing to be replaced, cable needing to be re-spliced and bonded, weather and rodent damage.

The following cable counts will be our focus:

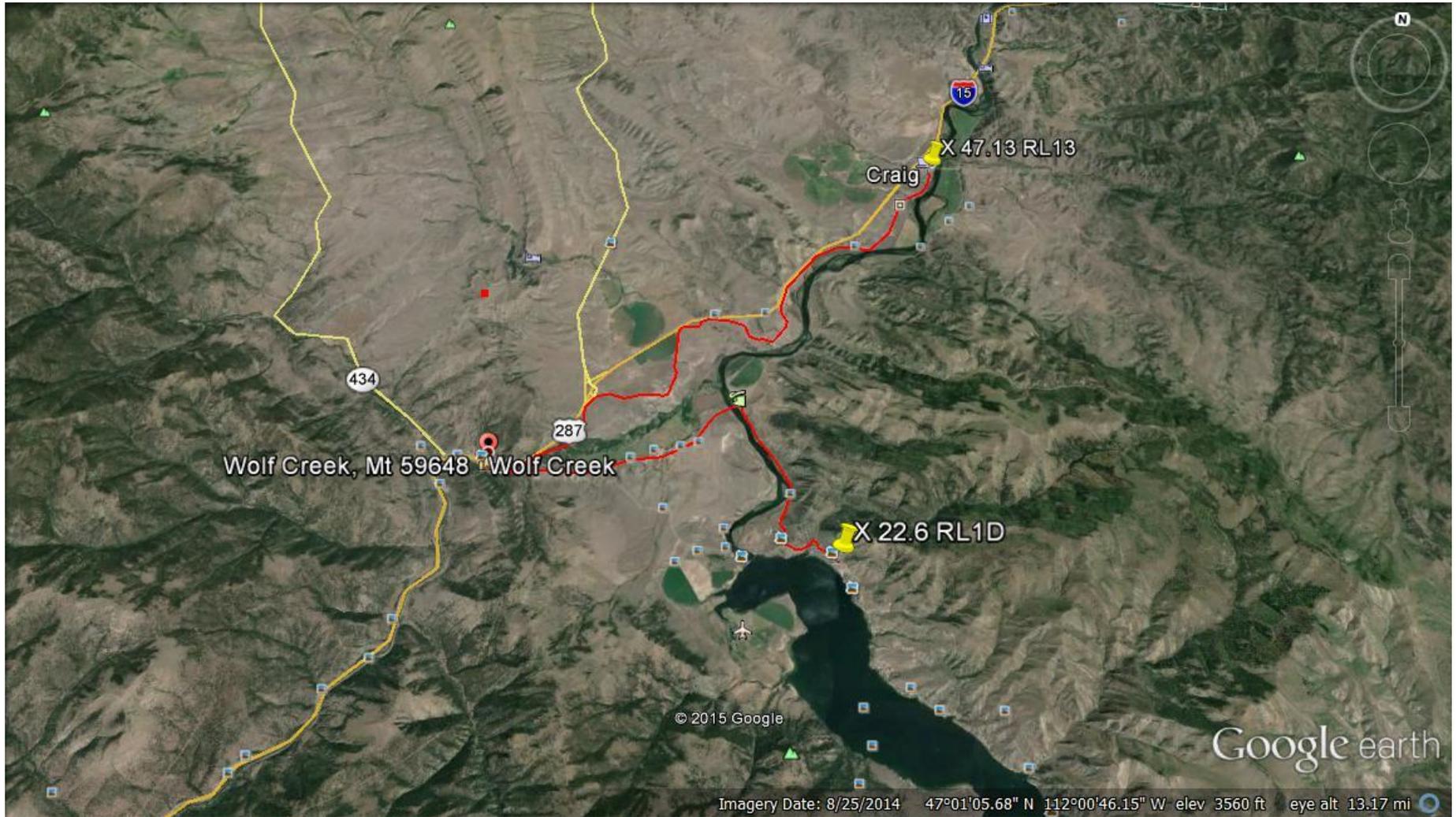
Cable 301, Pairs 1-100 feeding Cross Box X47.13 RL13

Cable 501BTR, Pairs 1-100 feeding Cross Box X22.6 RL1D

Activities beginning on April 15, 2016:

1. *Inspect Bonding and Grounding at each cable sheath opening. Correct or replace if damaged.*
2. *Assess Pedestal condition. Correct or replace the pedestal if damaged*
3. *Evaluate Repeater Housing condition. Verify environmental integrity and replace if damaged.*
4. *Identify cable sections with more than 10% bad pairs. Rebuild splices or replace if greater than 10%.*
5. *Inspect Carrier Housing and electronics condition. Repair or replace if damaged or deteriorated.*

Wolf Creek



Cascade

The following areas will be the focus of our efforts:

Costing, Design, and Construction of Route 3 augmentation in the Missouri River corridor within the Cascade Wire Center

- *We will place approximately 22 miles of fiber optic cable.*
- *Fiber optic cable will be placed from the Cascade Central Office building to 3675 Craig Frontage Rd.*
- *Digital Subscriber Line Access Module (DSLAM) equipment will be placed at sites along the route to provide high speed internet services to clusters of prospective customers.*

Actions targeted

Network planning will be completed by Feb 2016.

- *Central office equipment augments will be identified*
- *The fiber route and DSLAM equipment placement locations will be determined.*
- *Right of way documents, easements and permits will be acquired.*

More precise engineering design will be completed by April 2016. Easement and permits could require additional time.

- *Material will be Ordered.*
- *Blueprints will be drafted and transmitted to construction.*

Construction will begin in June 2016

- *Fiber and electronics will be placed and spliced.*
- *New plant will be tested and placed into customer-assignable inventory by December 2016.*

Prospective customers will be contacted.

Customers at about 293 locations eligible for the CAF II and customers at about 144 locations not eligible for CAF II will be offered service at line speeds no less than 10 megabits/second download and one megabit/second upload.

Cascade

