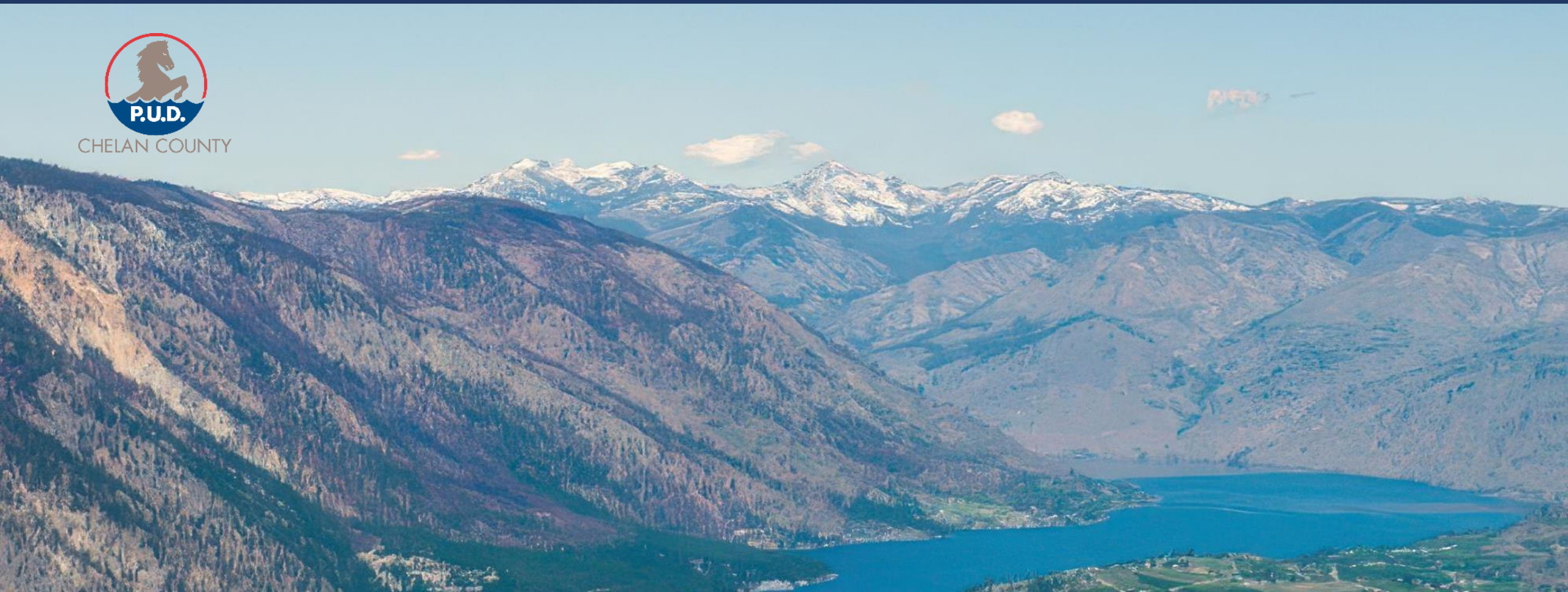


South Lakeshore Fiber Expansion Project



CHELAN COUNTY



What we'll
cover today



Introduce
the team

Project
overviews
and
timelines

Easement
acquisition
and
permitting

Electrical
upgrades
overview

Fiber
installation
overview

Introduce
the team

Toby Project Manager

Jeff/Darren Distribution Engineering

Lisa/Kevin Real Estate Services

Amanda Customer Service

Engineering

Trina Fiber Outreach



Project
overviews
and
timelines

Chelan County PUD Fiber Expansion

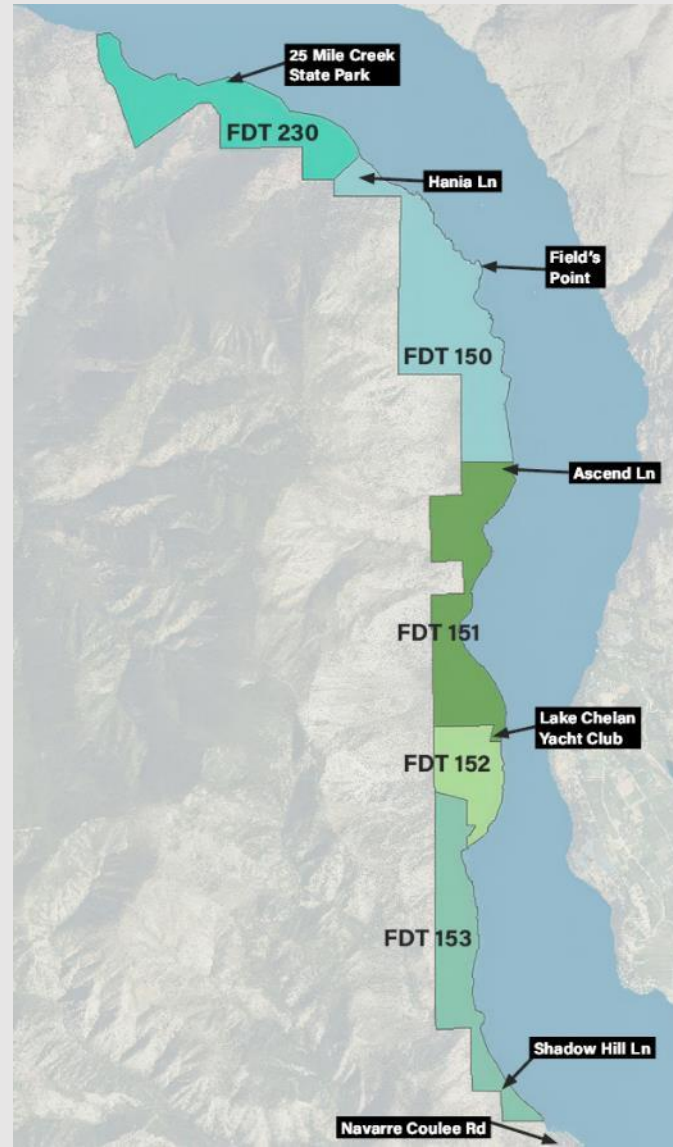
Current Fiber Expansion projects are being funded by the PUD's Public Power Benefit (PPB) program -- ***chelanpud.org/PPB***

In 2022, about 80% of the county had access to fiber internet

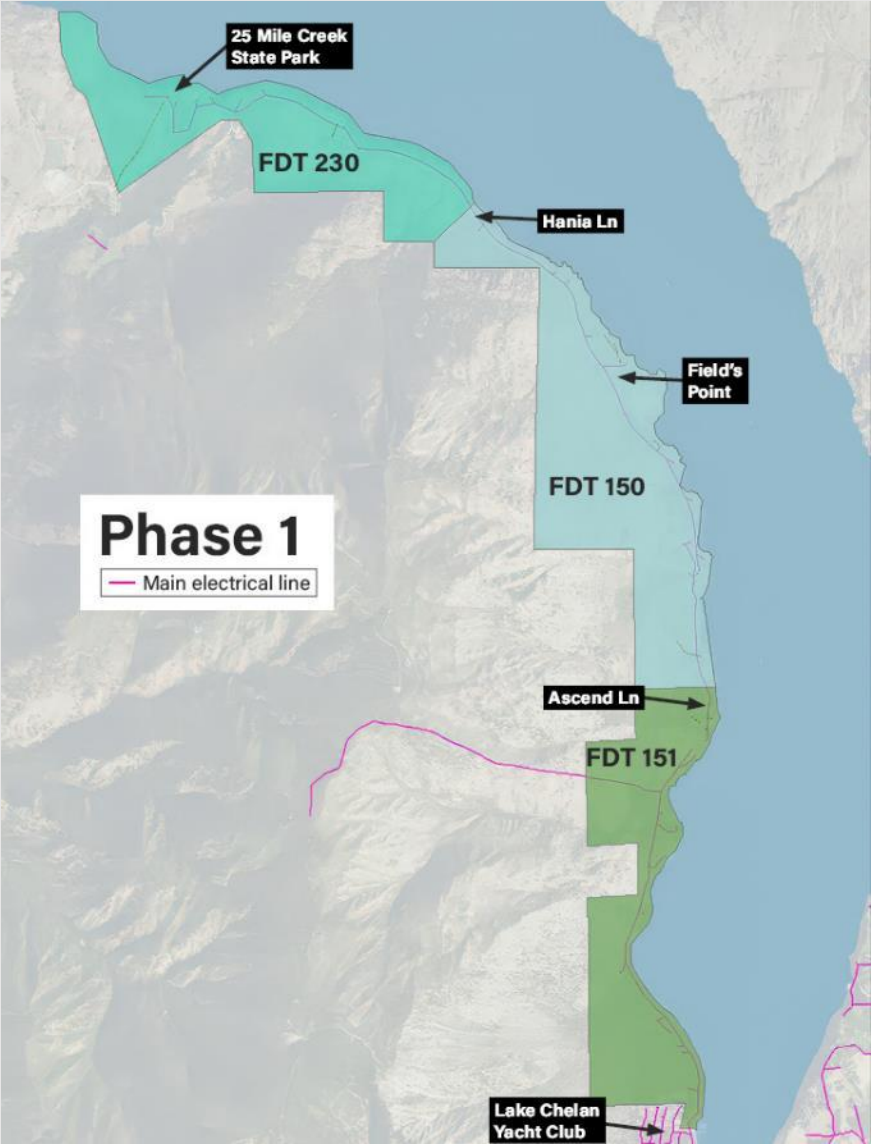
We continue to explore other areas for expansion, including the south lakeshore of Chelan

Fiber Distribution Towers (FDTs): 230, 150, 151, 152, 153

Project
overviews
and
timelines

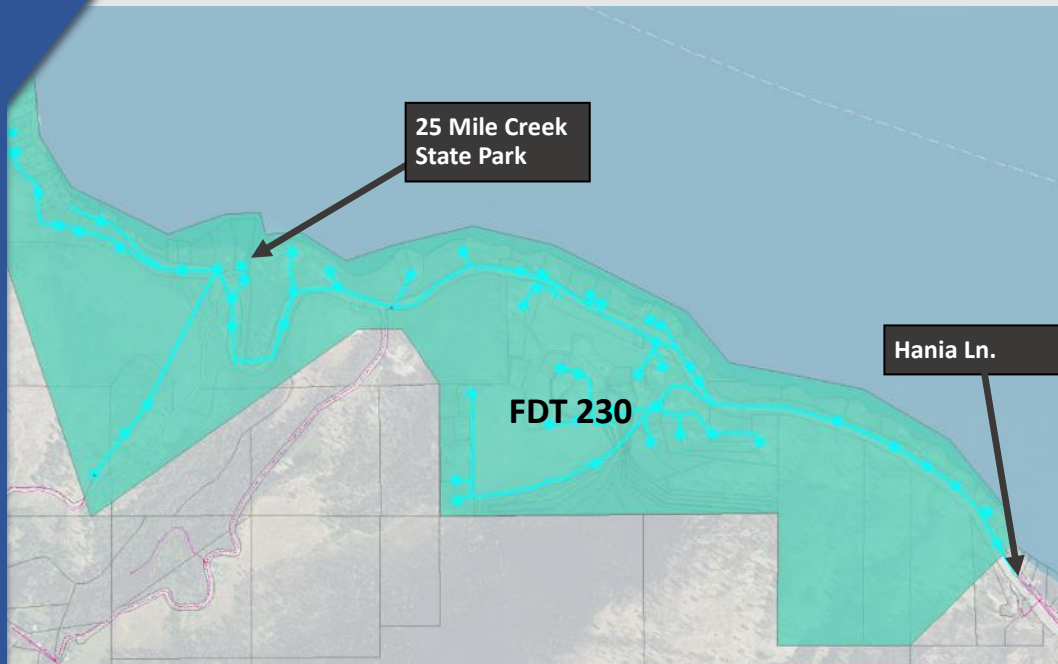


Phase 1 - Fiber Distribution Tower (FDT) Service Areas



Project
overviews
and
timelines

Project
overviews
and
timelines

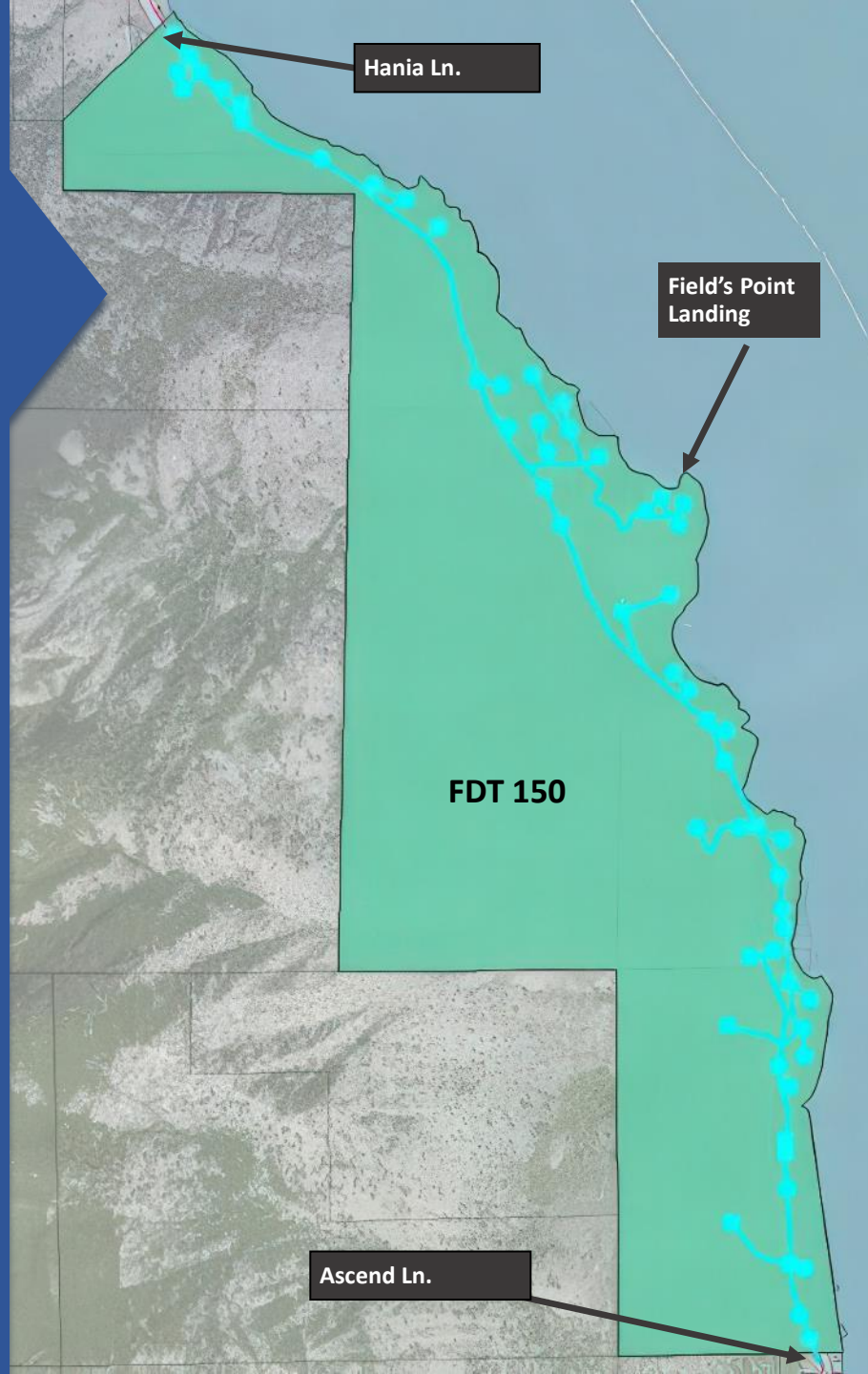


FDT-230 – Project Scope

The **scope of this project**, includes Fiber network expansion in these areas:

- Along S Lakeshore Rd.
- From Hania Ln. north to the end of the line
- About ½ mile up Shady Pass Rd.
- Excludes Hale Rd.

Project
overviews
and
timelines

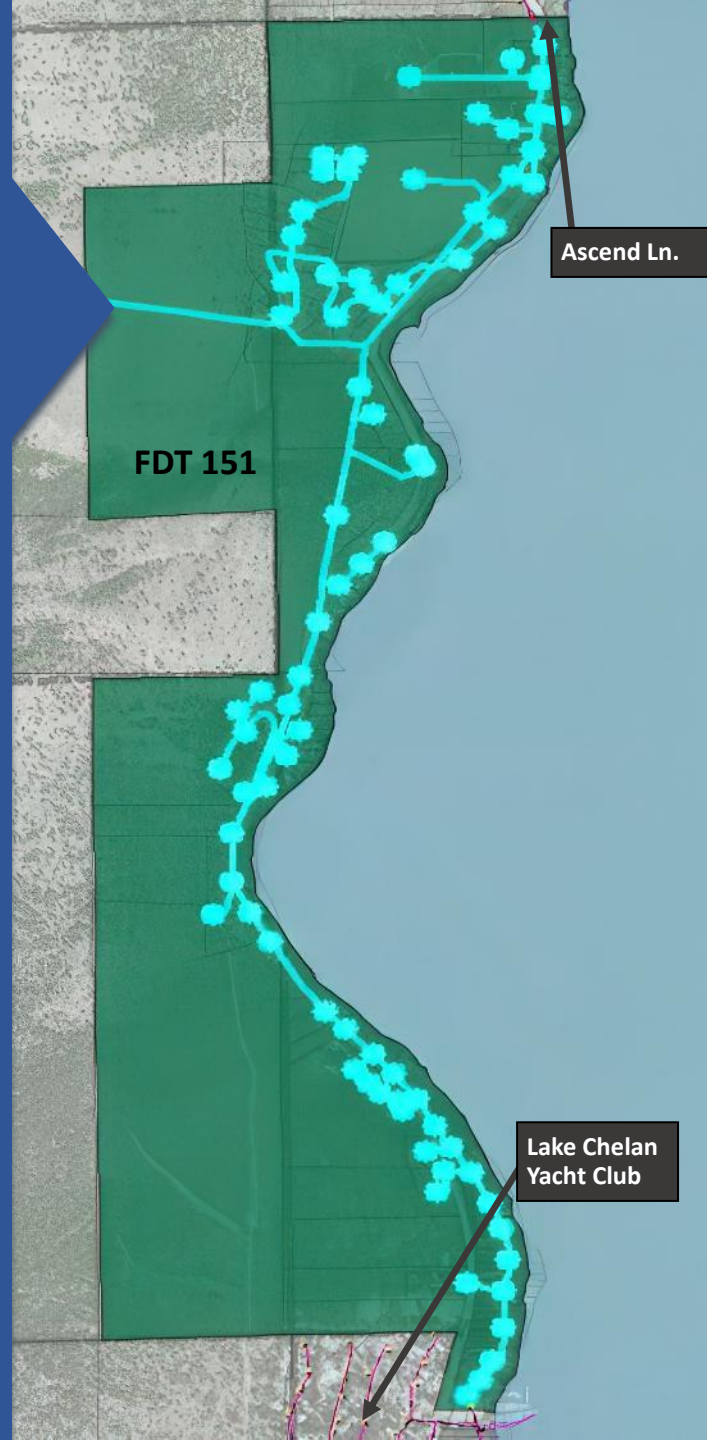


FDT-150 – Project Scope

The **scope of this project**, includes Fiber network expansion in these areas:

- Along S Lakeshore Rd.
- From Ascend Ln.
- North to Hania Ln.

Project
overviews
and
timelines



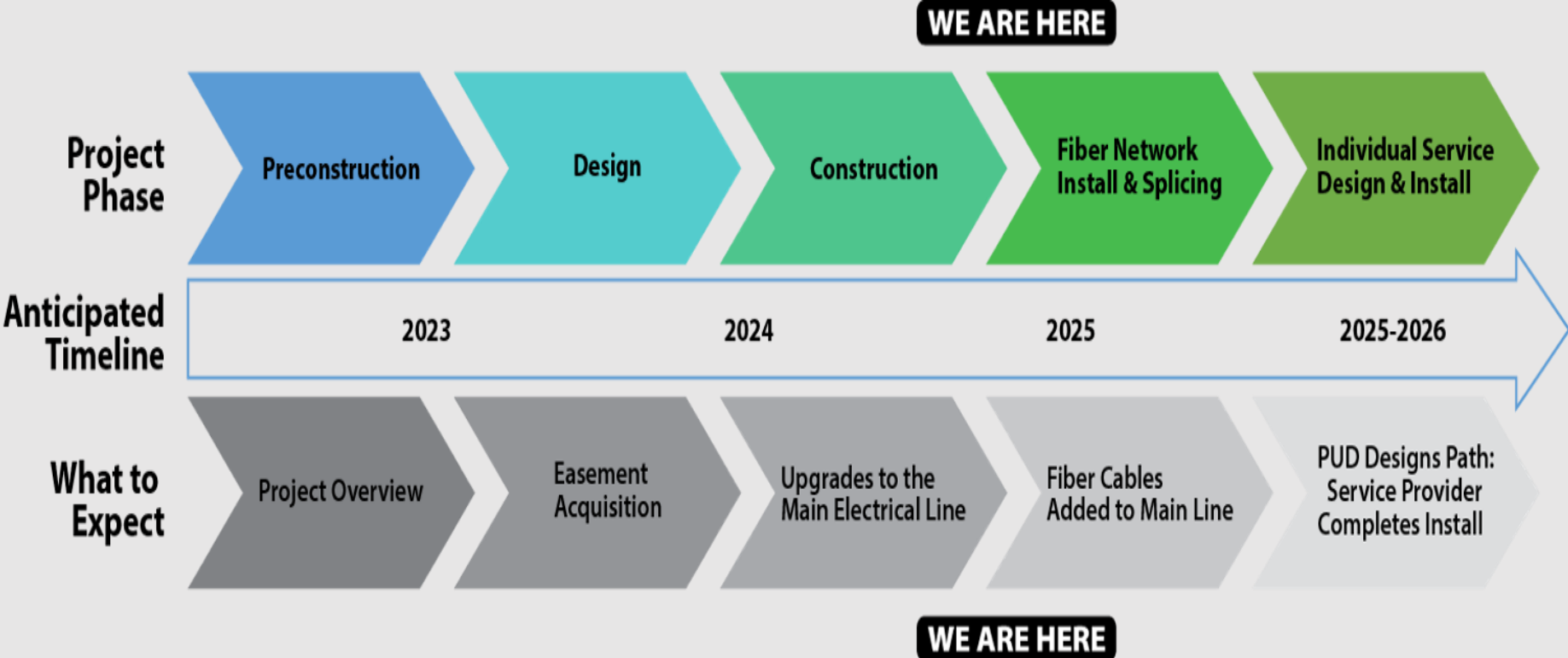
FDT-151 – Project Scope

The **scope of this project**, includes Fiber network expansion in these areas:

- Along S Lakeshore Rd.
- From north edge of Lake Chelan Yacht Club
- North to Ascend Ln.
- Does not include LCYC – which is in FDT-152 (south)

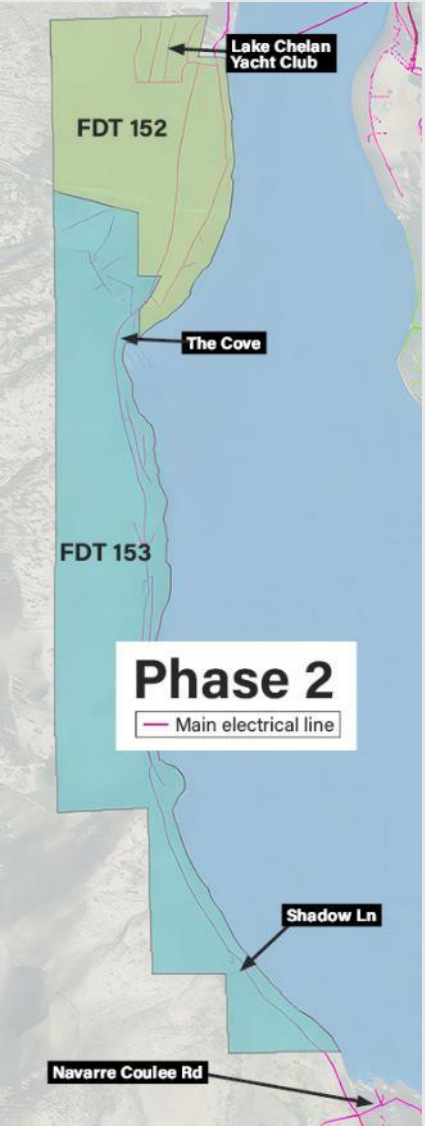
Phase 1 Timeline – FDTs 230, 150, 151

Project
overviews
and
timelines



Phase 2 - Fiber Distribution Tower (FDT) Service Areas

Project
overviews
and
timelines



Project
overviews
and
timelines

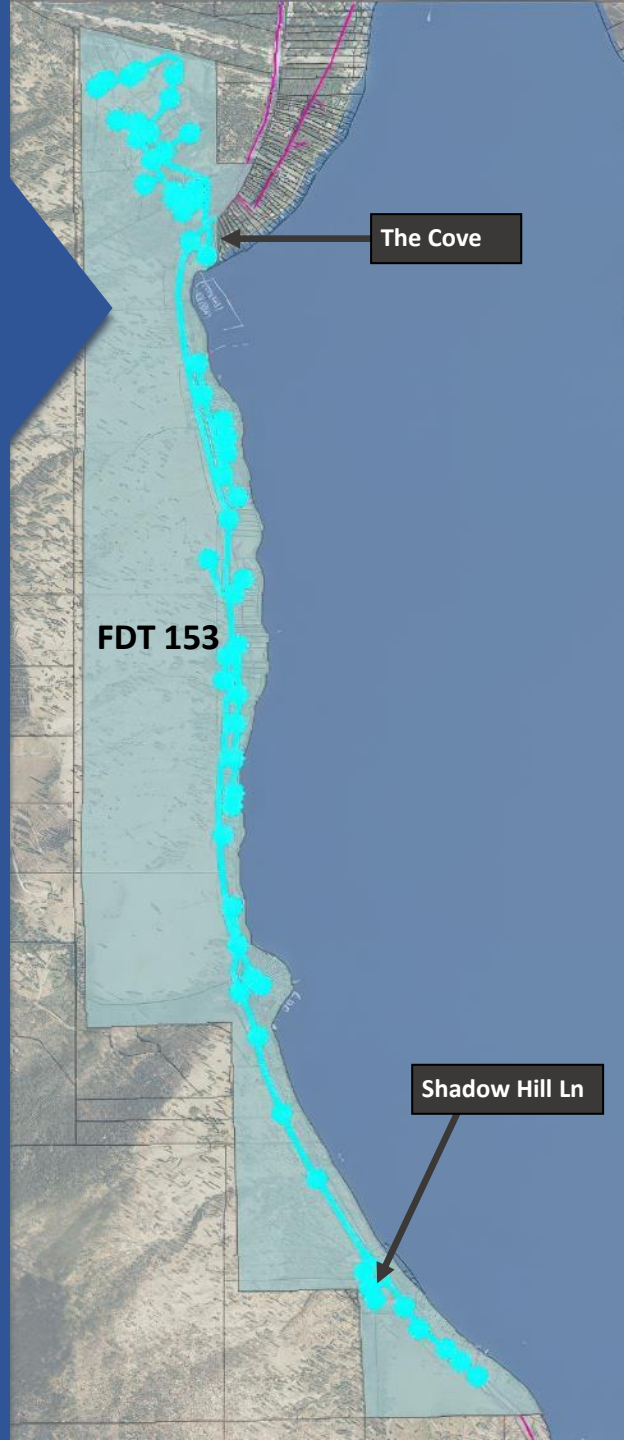


FDT-152 – Project Scope

The **scope of this project**, includes Fiber network expansion in these areas:

- From north edge of the Yacht Club
- South to The Cove
- Does not include the Cove – which is in FDT-153 the (south)

Project
overviews
and
timelines



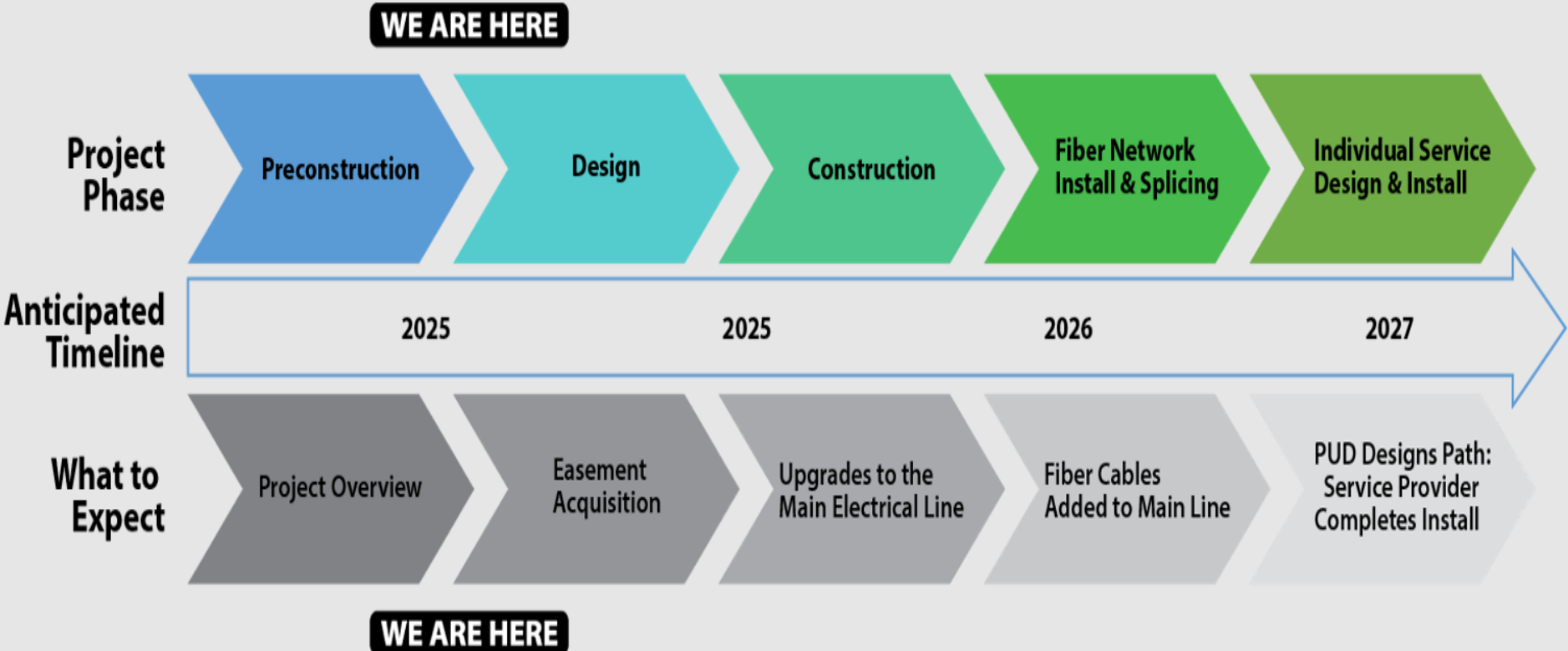
FDT-153 – Project Scope

The **scope of this project**, includes Fiber network expansion in these areas:

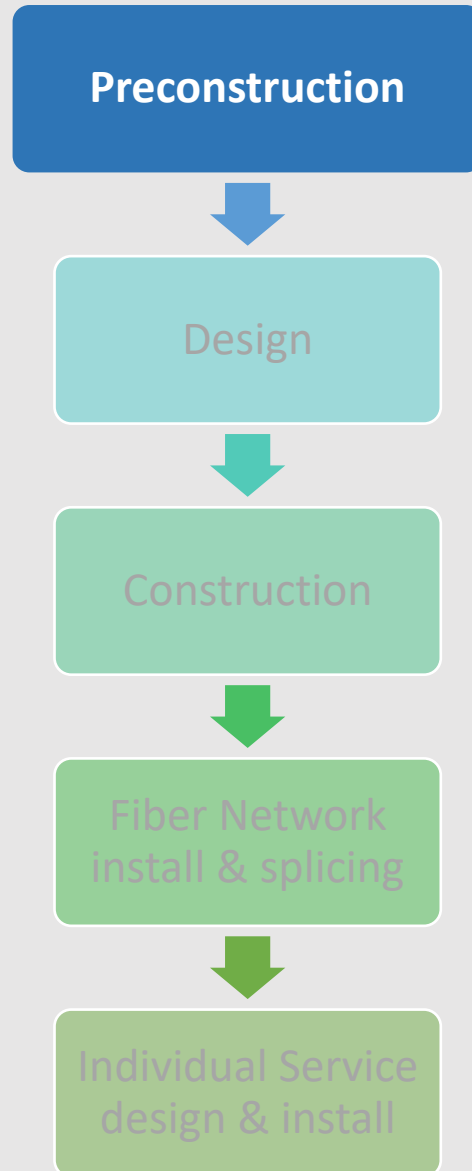
- From the north edge of The Cove
- South to Shadow Hill Ln

Phase 2 Timeline – FDTs 152 and 153

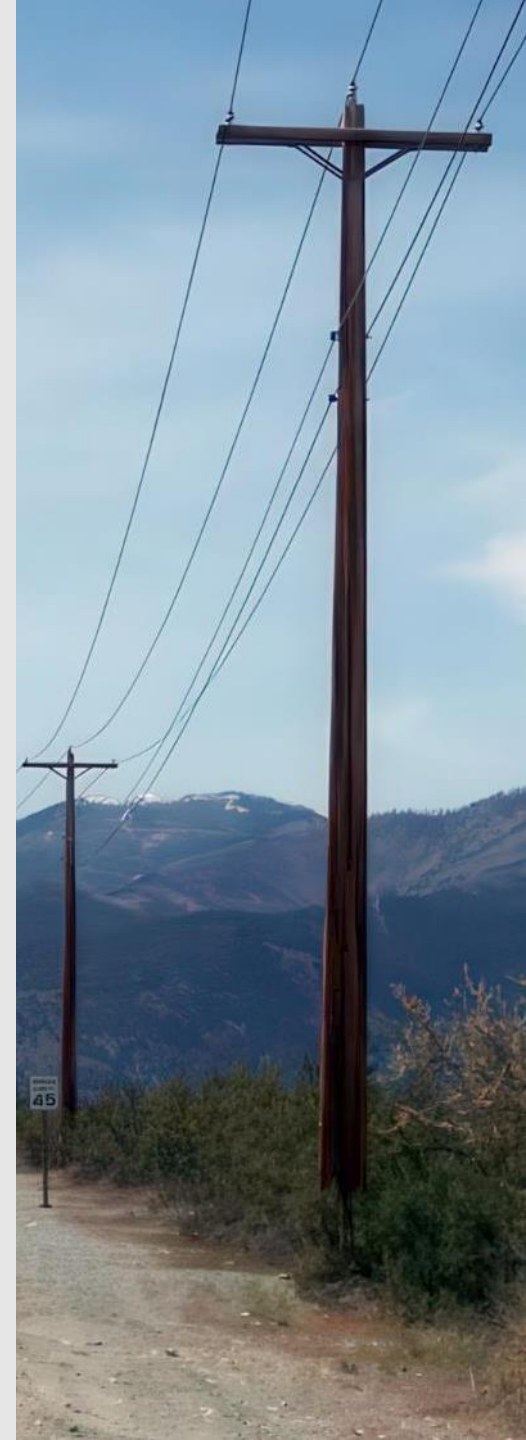
Project
overviews
and
timelines



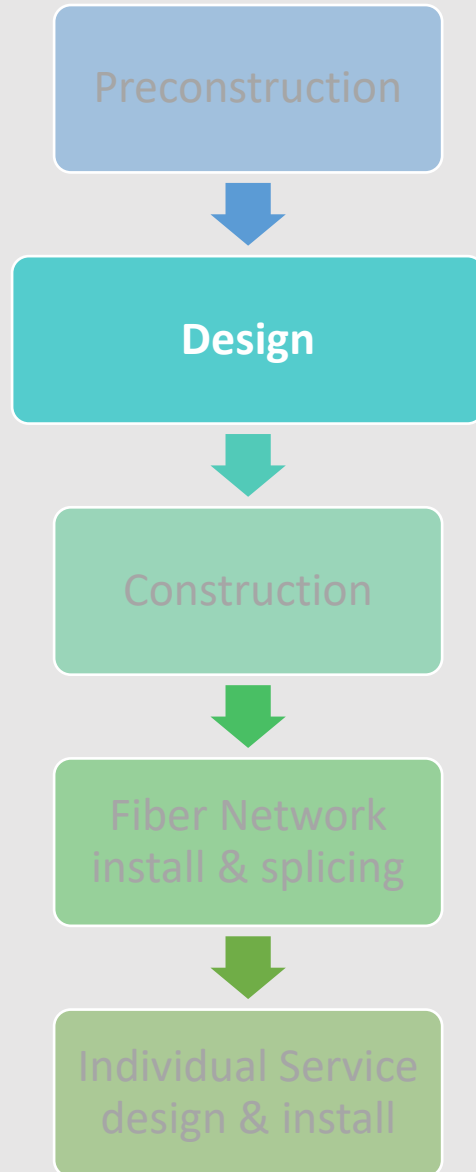
Easement
acquisition
and
permitting



- Evaluate poles
- Plan for adjustments or replacements
- Pole locations may move
- Poles may be taller and wire height may change



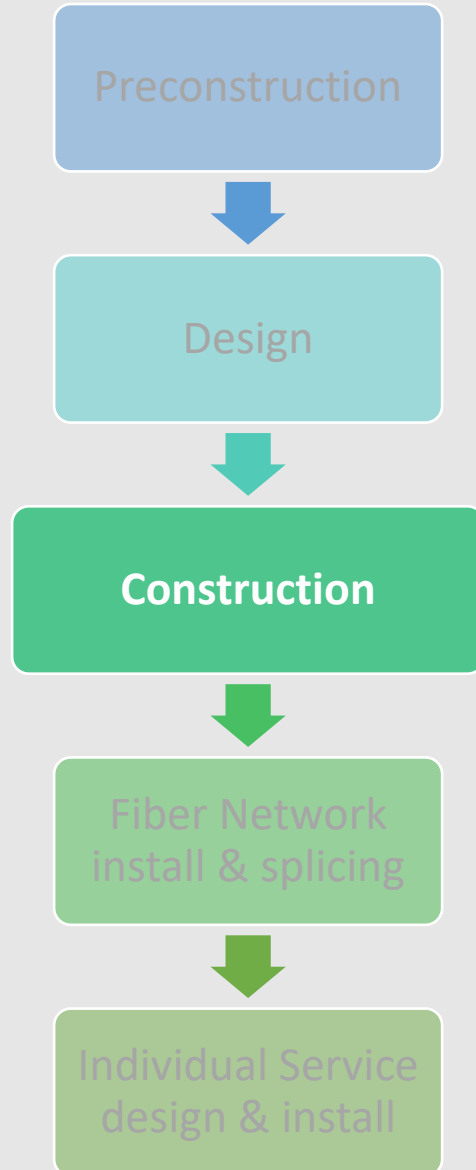
Easement acquisition and permitting



- Design the route for the primary line
- Review property rights and **seek easements**
- Apply for permits



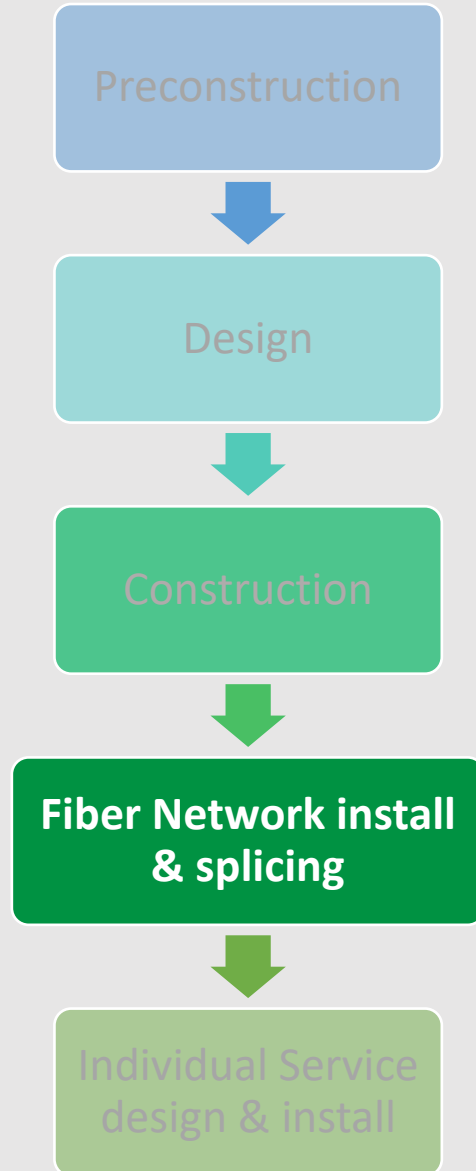
Electrical upgrades overview



- Upgrade the primary electrical line
- Replace or reframe poles
- Transfer wire
- Old poles will not be removed right away



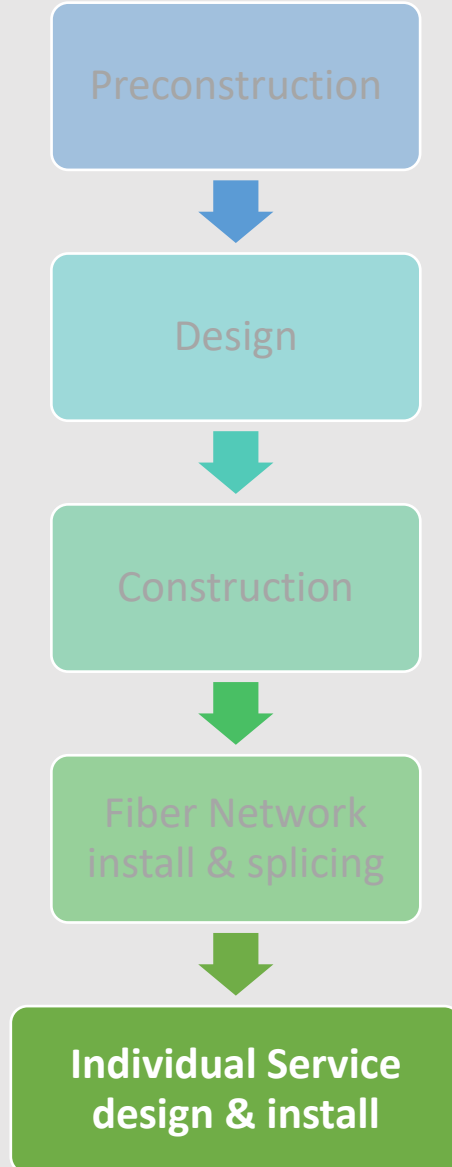
Fiber installation overview



- Install main fiber-optic cables on the primary line
- Install service terminals in neighborhoods
- Splice main-line fiber cables together



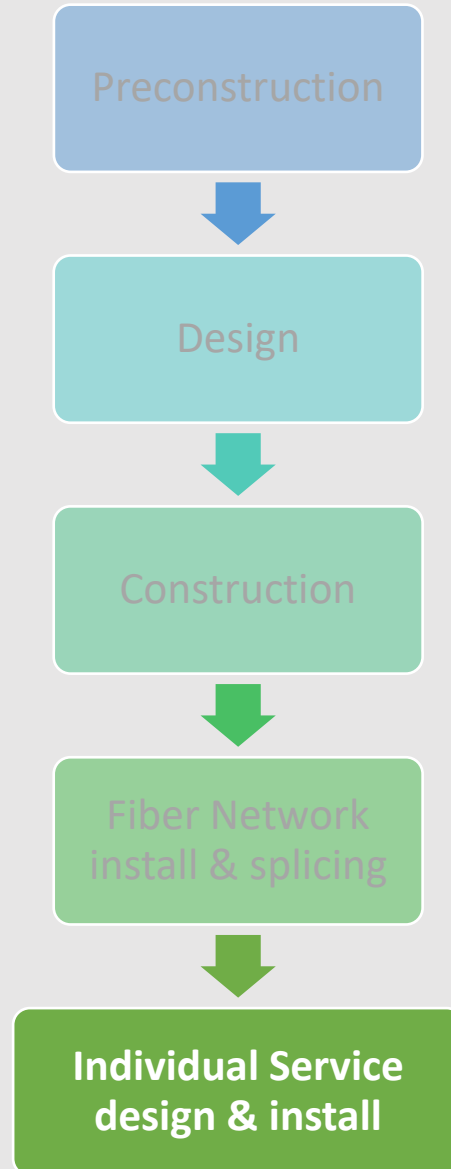
Fiber installation overview



- Work is performed on the secondary line
The secondary line connects individual services to the primary line
- Adjustments to the secondary line may be needed
- Scan the **QR code** and fill out the **Fiber Interest Form** if you want Fiber extended to your home
- PUD designs the path to extend fiber to homes and businesses



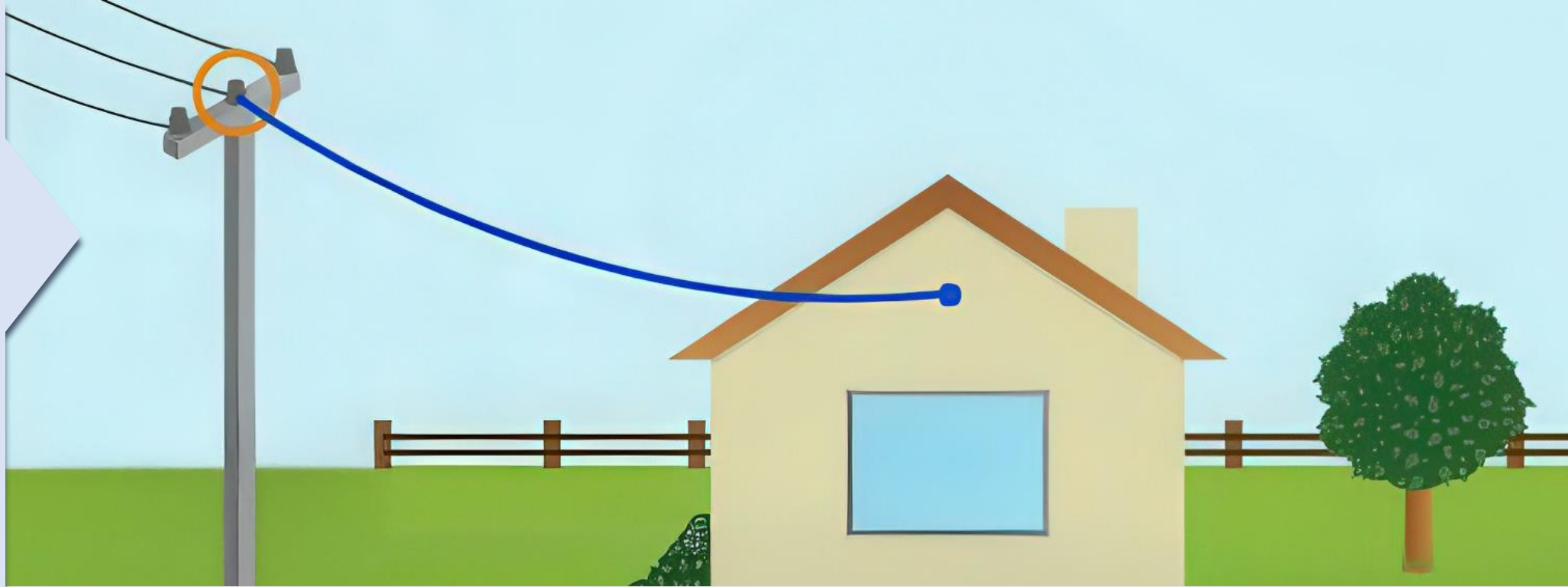
Fiber installation overview



- PUD extends the service line and attaches equipment
- Customer contacts Service Provider to complete the remainder of the installation



Fiber installation overview



Extending the fiber network to homes and businesses requires extensive planning and coordination

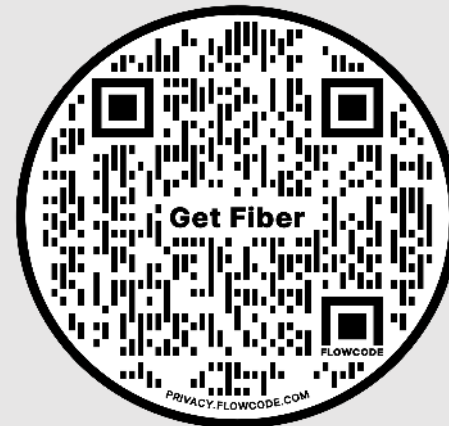
These projects are multi-phase and span several years

The electrical system must be upgraded before adding fiber cables

Due to the “make-ready” work, it will take time before fiber services can be connected

Resources

- Fiber Department:
Chelanpud.org/Fiber
fiber@chelanpud.org
509-661-4151
- General Questions:
Chelanpud.org/SLakeshoreFiber
customeroutreach@chelandpud.org
509-661-8563
- ***Get Fiber!***



CHELAN COUNTY

Questions?



CHELAN COUNTY

