



# Central Sierra Connect

- CVIN has nearly 2,000 miles of fiber infrastructure through 22 Counties in California.
- Amador, Calaveras, Colusa, El Dorado, Fresno, Kings, Kern, Merced, Madera, Monterey, Nevada, Placer, Tuolumne, Tulare, San Joaquin, San Benito, San Francisco, San Mateo, Santa Clara, Stanislaus, Sutter, Yuba counties.

- Formed in 1995, CVIN, LLC. dba Vast Networks has 8 independent telco-company members:



**Ducor Telephone Company**

A VarComm Corporation

Ducor • Rancho Tehama • Kennedy Meadows



**Ponderosa**



**SEBASTIAN**

*Putting people first.*



**SIERRA TEL**  
**BROADBAND**



**Surewest**<sup>®</sup>

- All Construction except for three miles completed.
- Network South of Modesto is lit and providing services to customers.
- All remaining construction is underway and expected to be completed by the end of May.
- Over 50% of the fiber has been installed north of Modesto and crews are actively installing in all available areas.

# Why has it taken so long?

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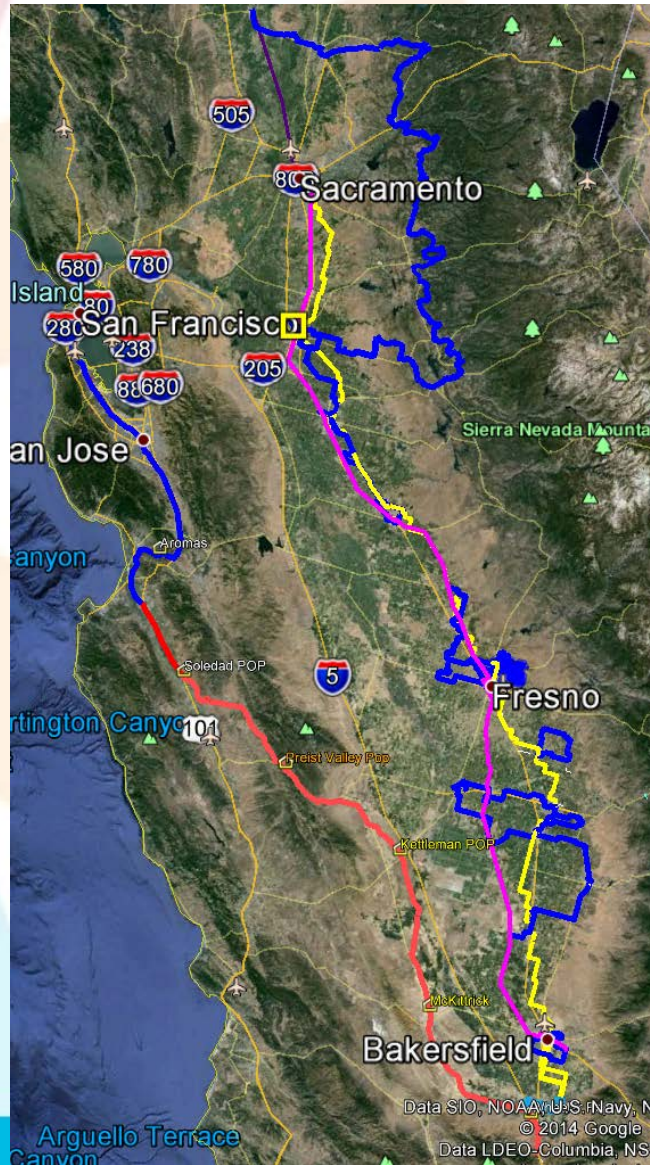
- **Permits**

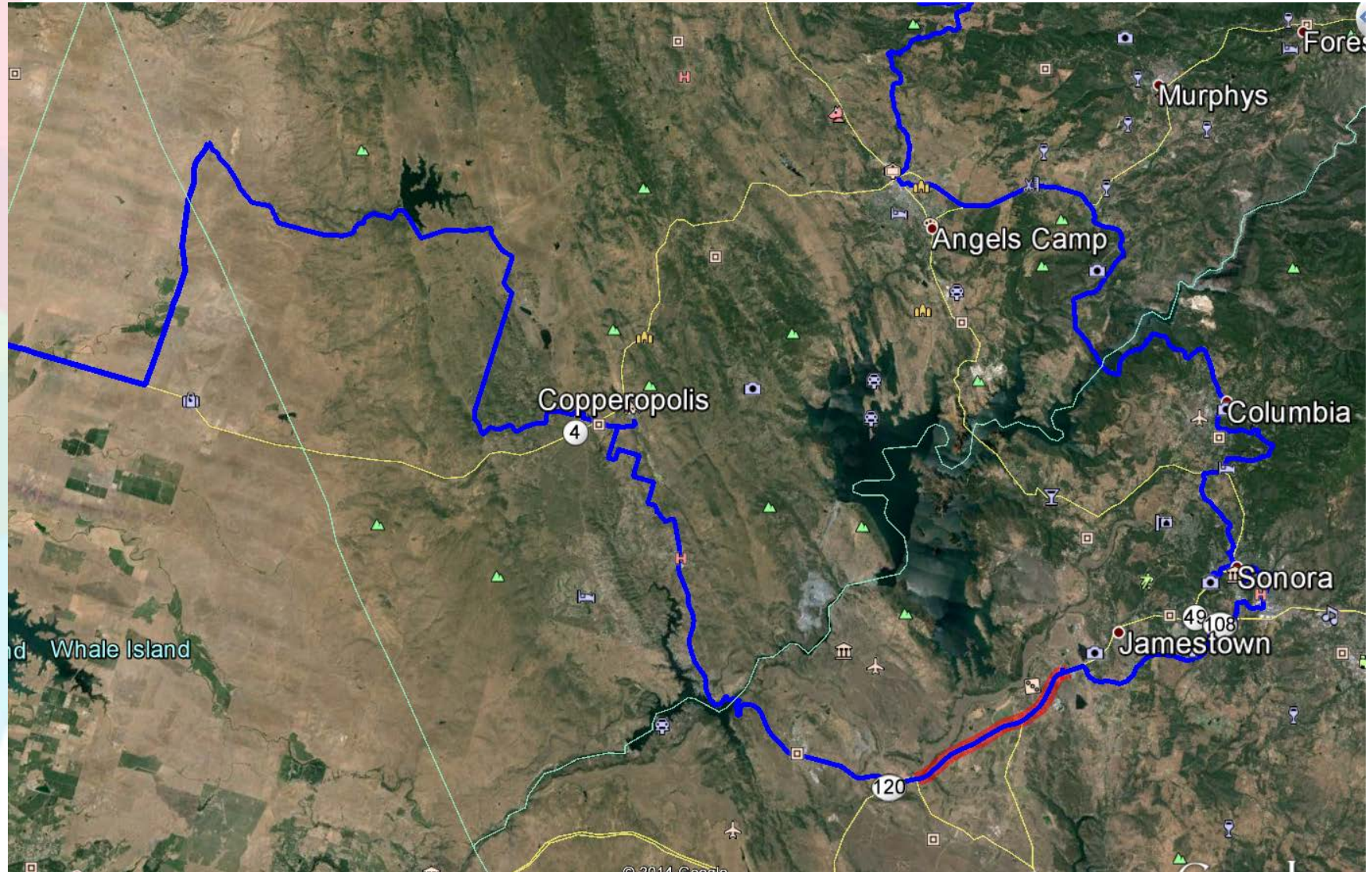
The permit process can be very slow. The Hwy 108 permit from Caltrans took years to work out the details of how the installation could be done.

- **Geology**

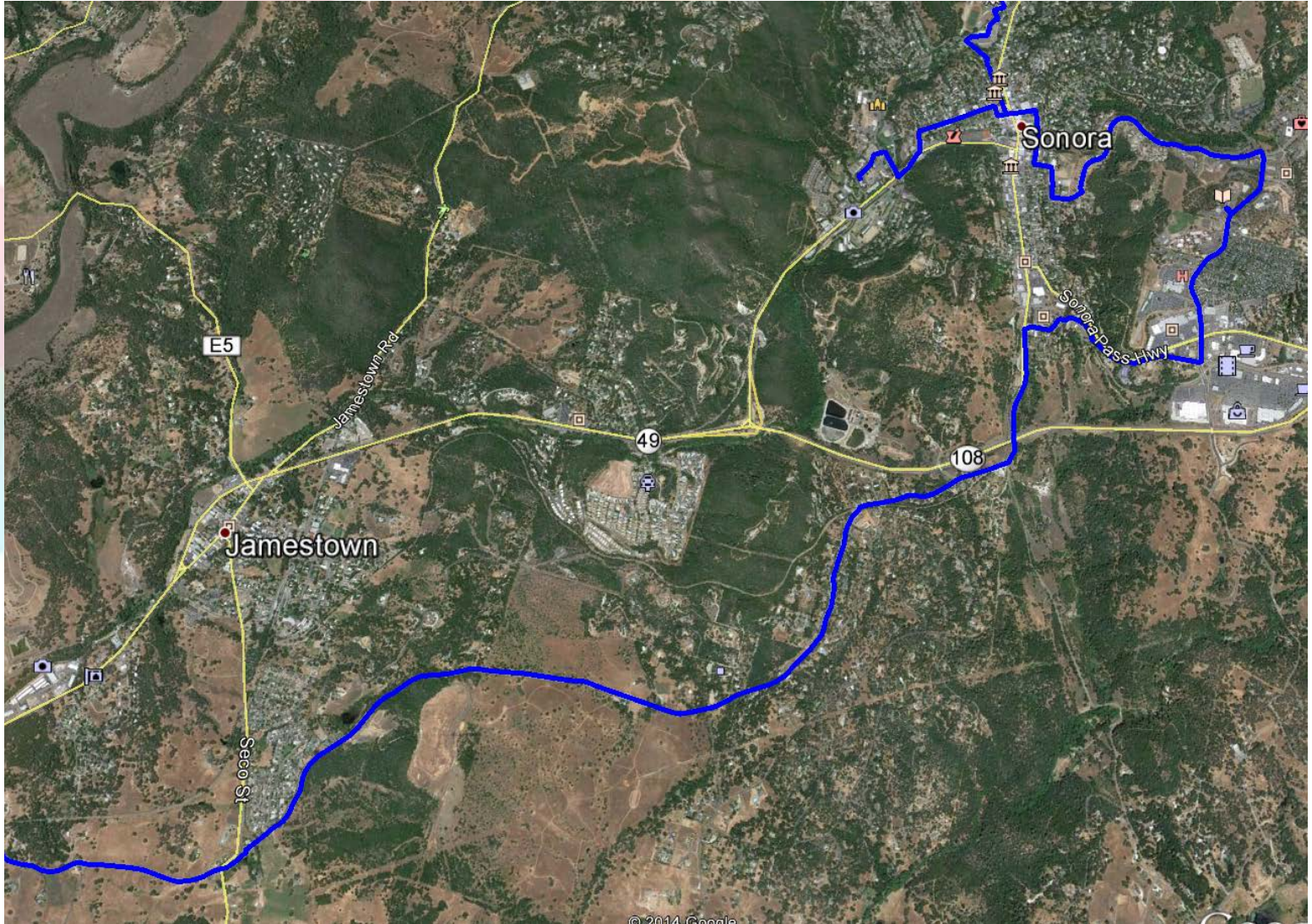
The geology of this area makes construction extremely slow and expensive. Boring in rock can reduce production from 2,000 feet per day per crew to less than 100 feet. It also increases cost up to 5X compared to areas without rock.

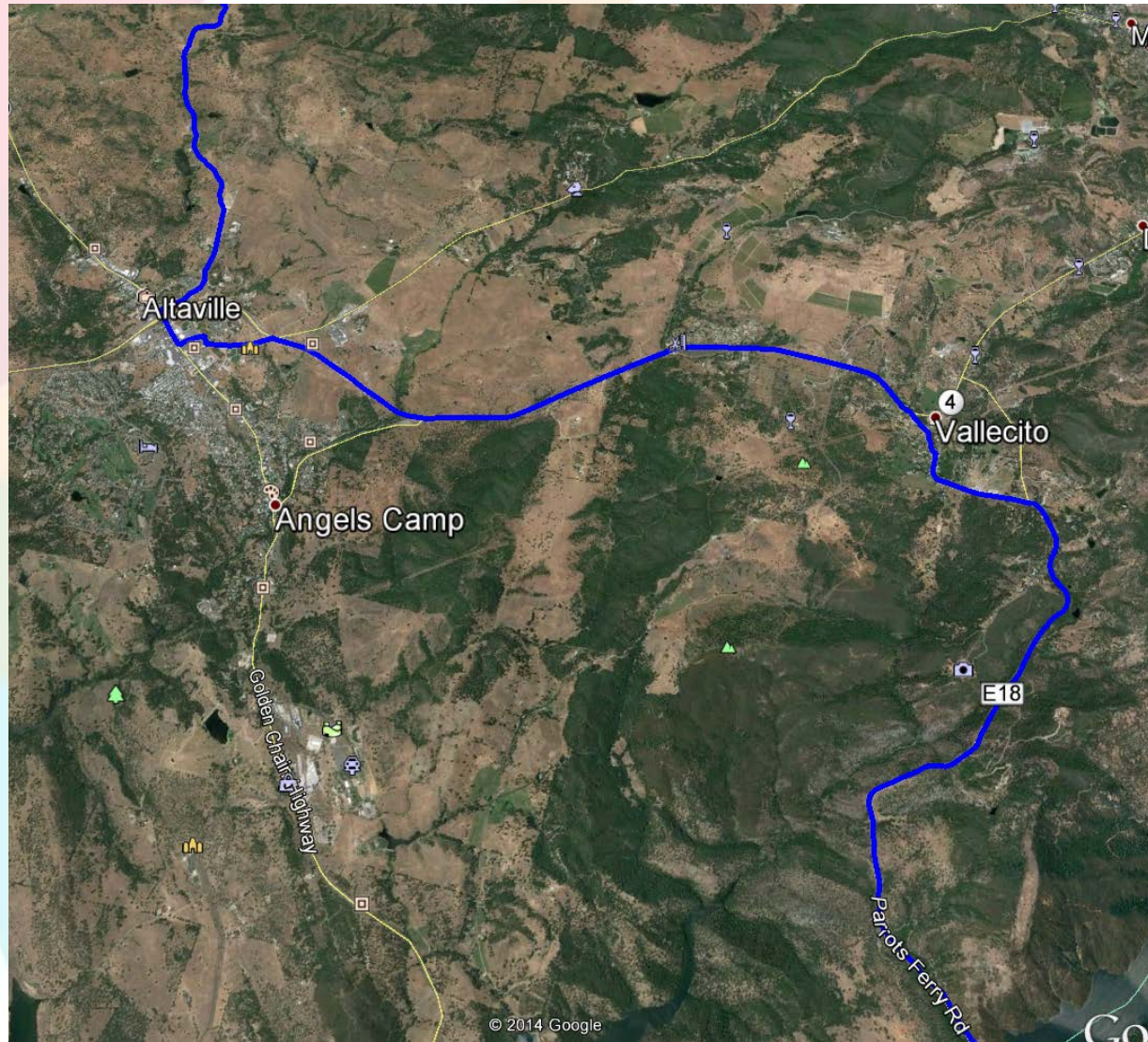
- Commercial Services will be available in all areas by June.
- No residential services are currently planned.
- Service available (100 Mbps – 10 Gbps):
  - Dedicated Internet Access
  - Data Services – Point to point between locations
  - Cellular Backhaul

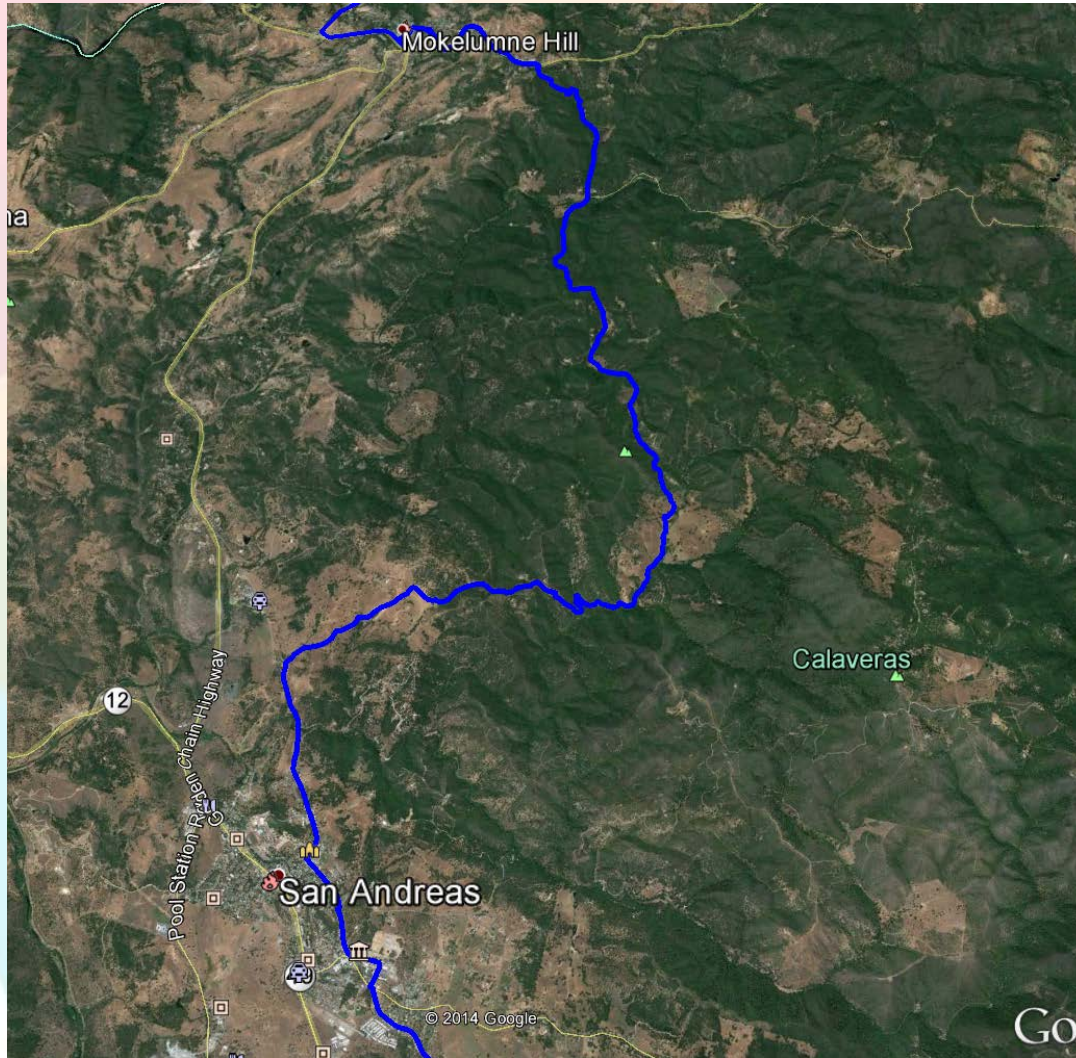


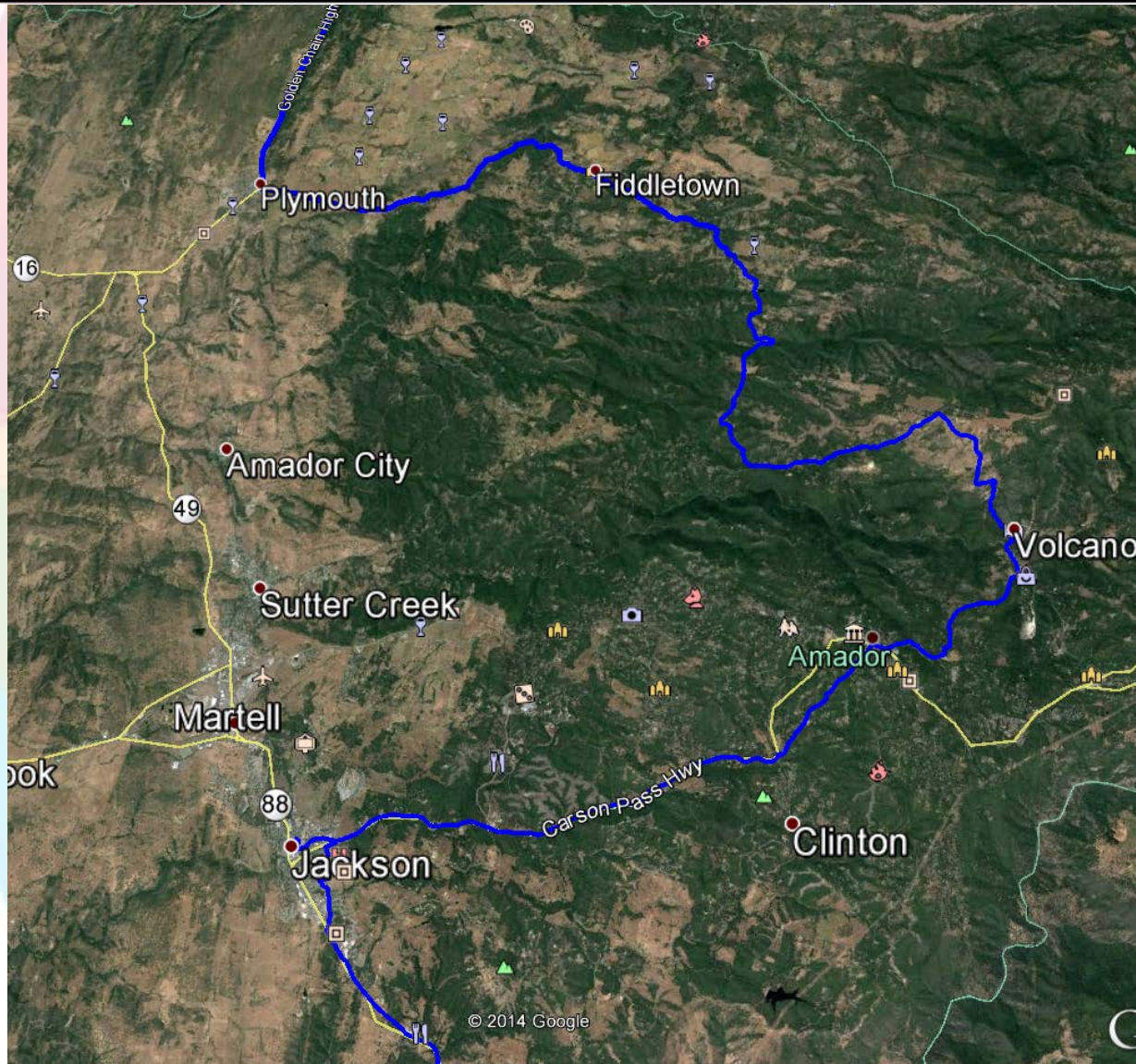


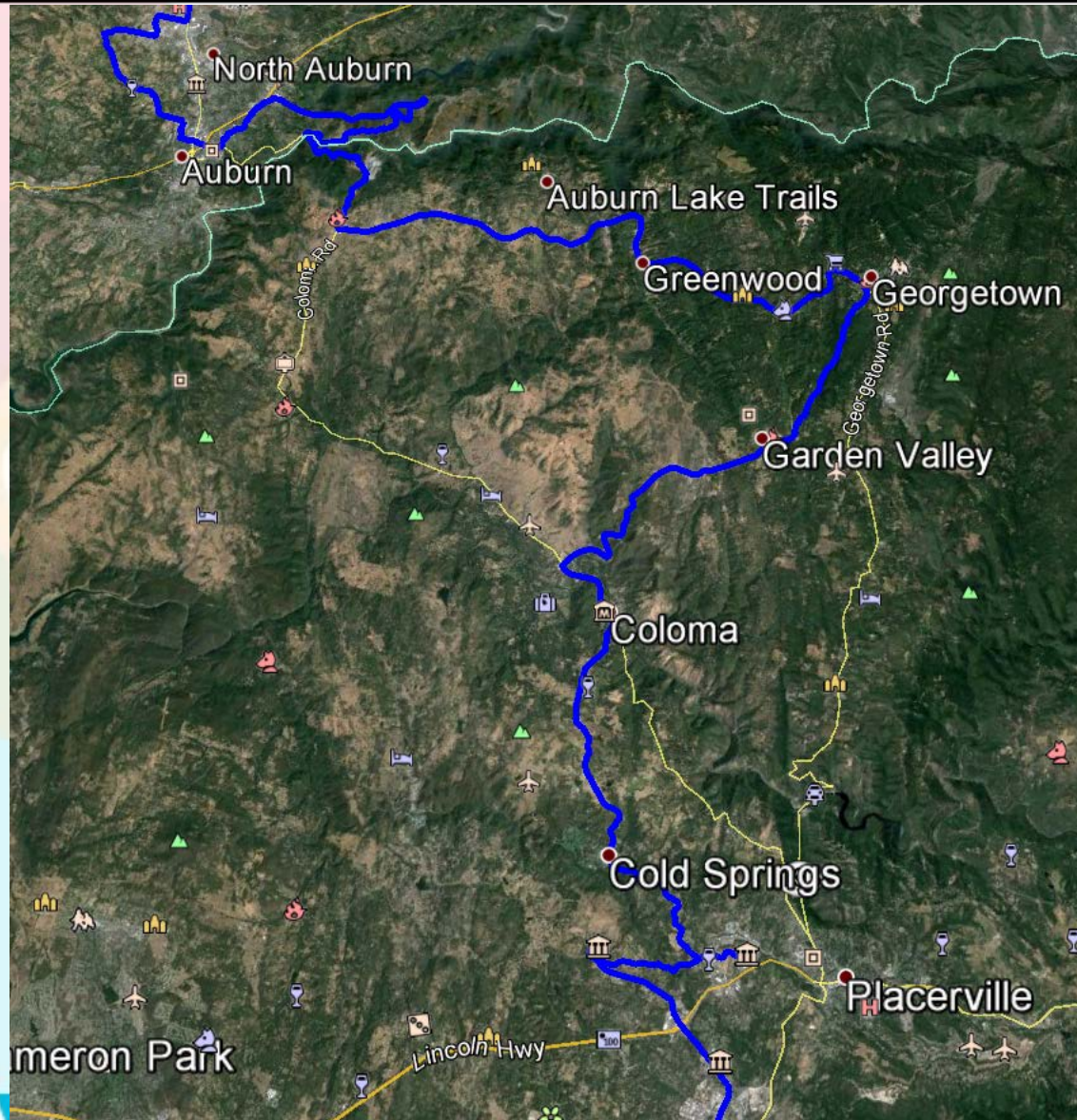












- Our network is 100 % underground fiber.
- All services are Ethernet.
- Services delivered on 1 or 10 Gbps circuits and are capable of dynamic bandwidth allocation.
- Cisco 15454 DWDM backbone network

- We have connections to:
  - 18 County Office of Educations
  - 3 CSUs
  - 8 PSAPS
  - Numerous Libraries
  - One Wilshire (LA)

We interconnect with:



**For questions or to request service:**

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