



EL DORADO COUNTY BROADBAND UPDATE

NOVEMBER 2024

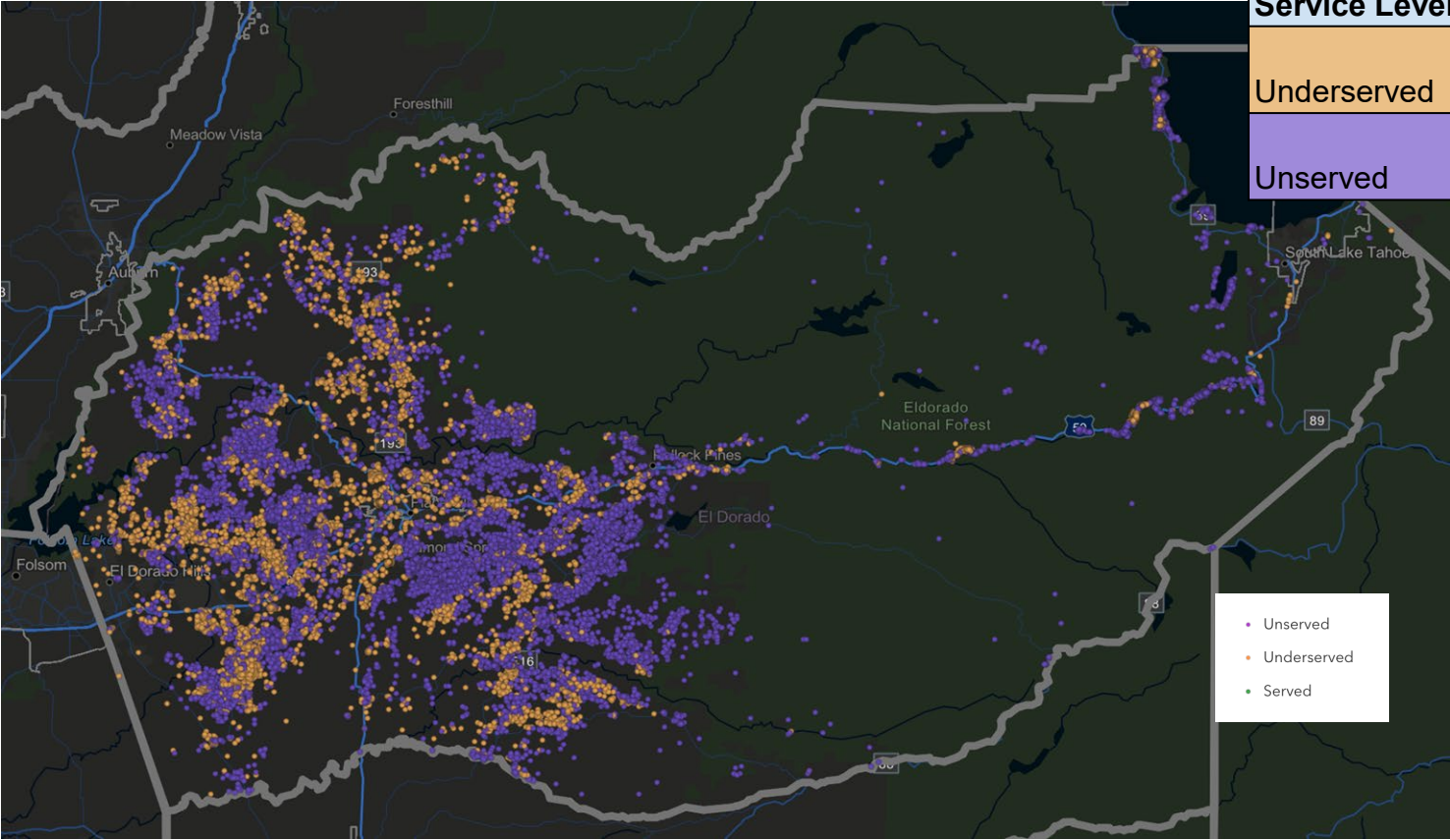
AGENDA

- ❖ Broadband Update
- ❖ CPUC's Federal Funding Account (FFA)– El Dorado County, \$66 Million Award
 - Grant Areas, Impact
 - County Ownership of the Network
- ❖ Broadband Equity Access Deployment (BEAD) Program
- ❖ Next Steps

\$66 Million FFA Grant Award

Grant Areas and Impact

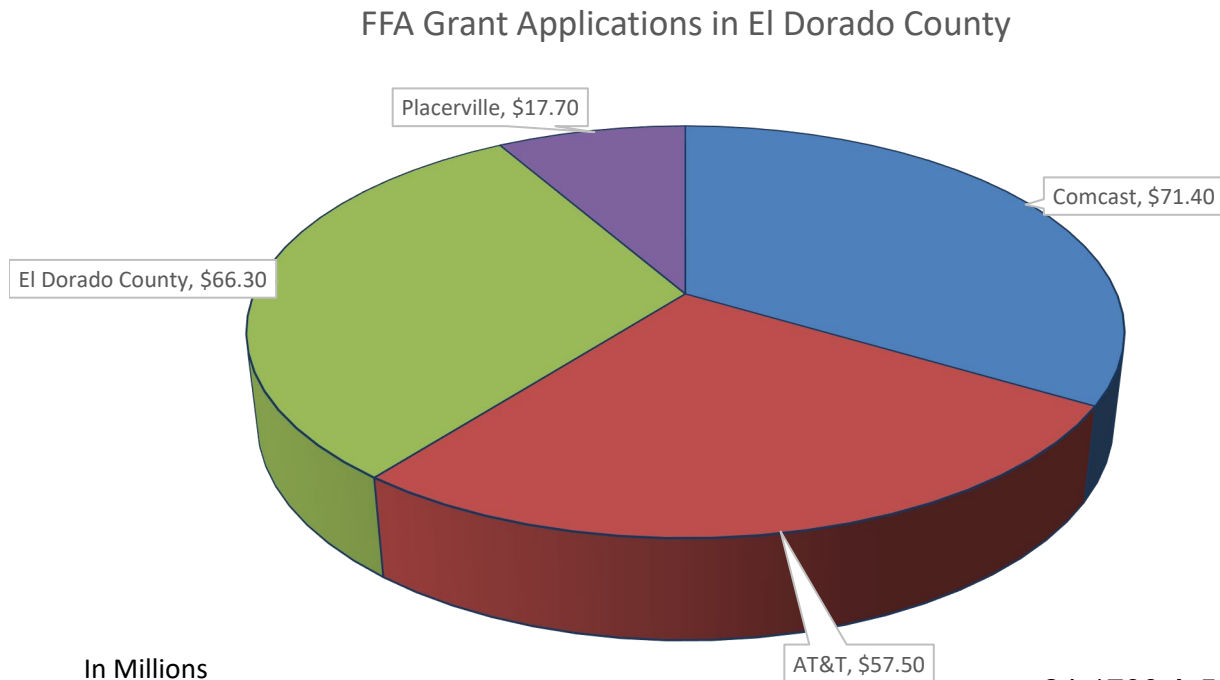
Unserved & Underserved Addresses



Eligible Broadband Locations		
Service Level	Count	Percent
Underserved	5,653	31%
Unserved	12,566	69%

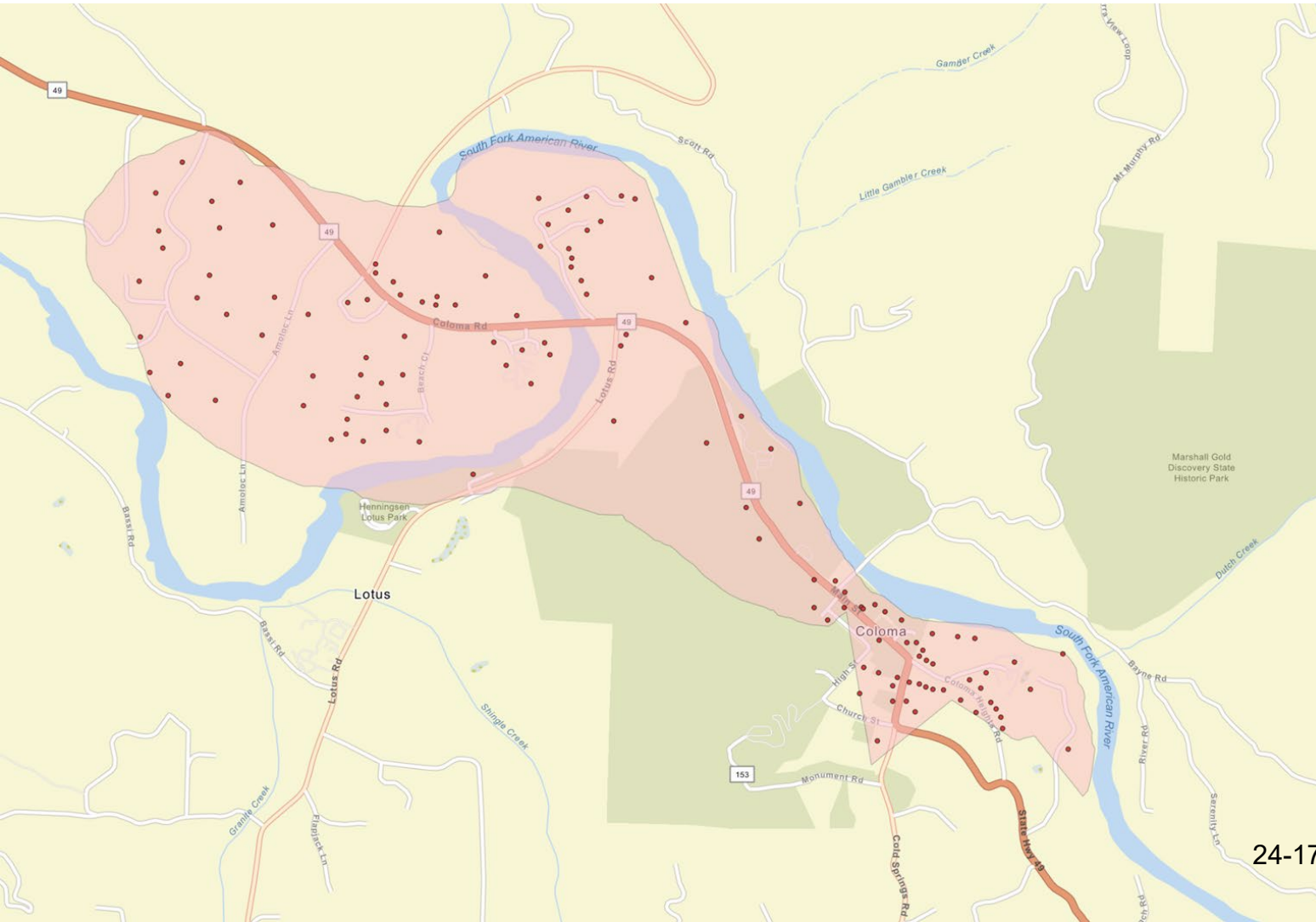
CPUC'S FEDERAL FUNDING ACCOUNT

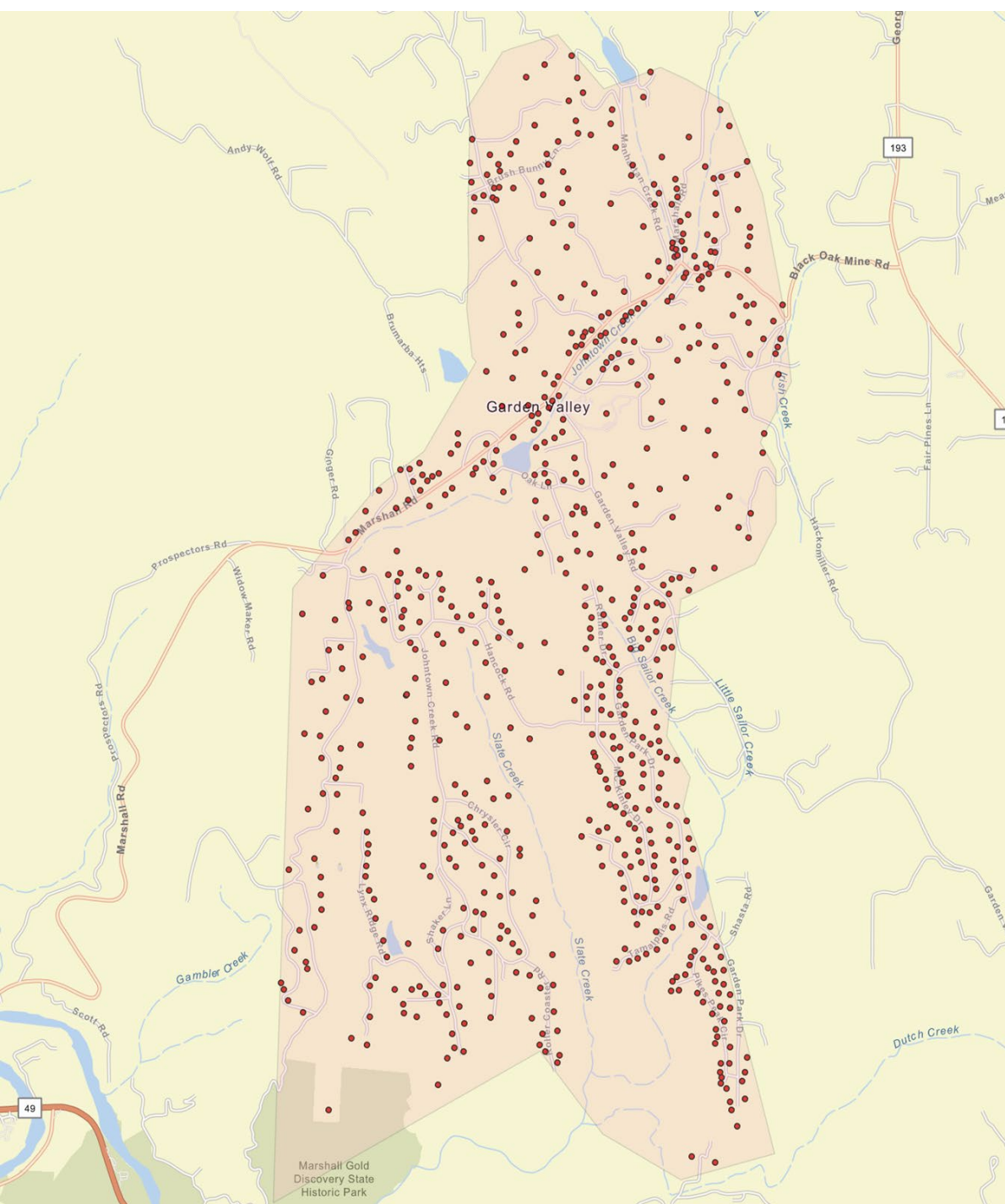
- ❖ \$2 billion grant program for last-mile fiber broadband infrastructure projects.
- ❖ In 2023, we conducted formal outreach to ISPs to coordinate efforts
- ❖ Over \$215 Million in grant funds were sought for El Dorado County



Coloma

\$4.7 Million
128 Unserved Locations



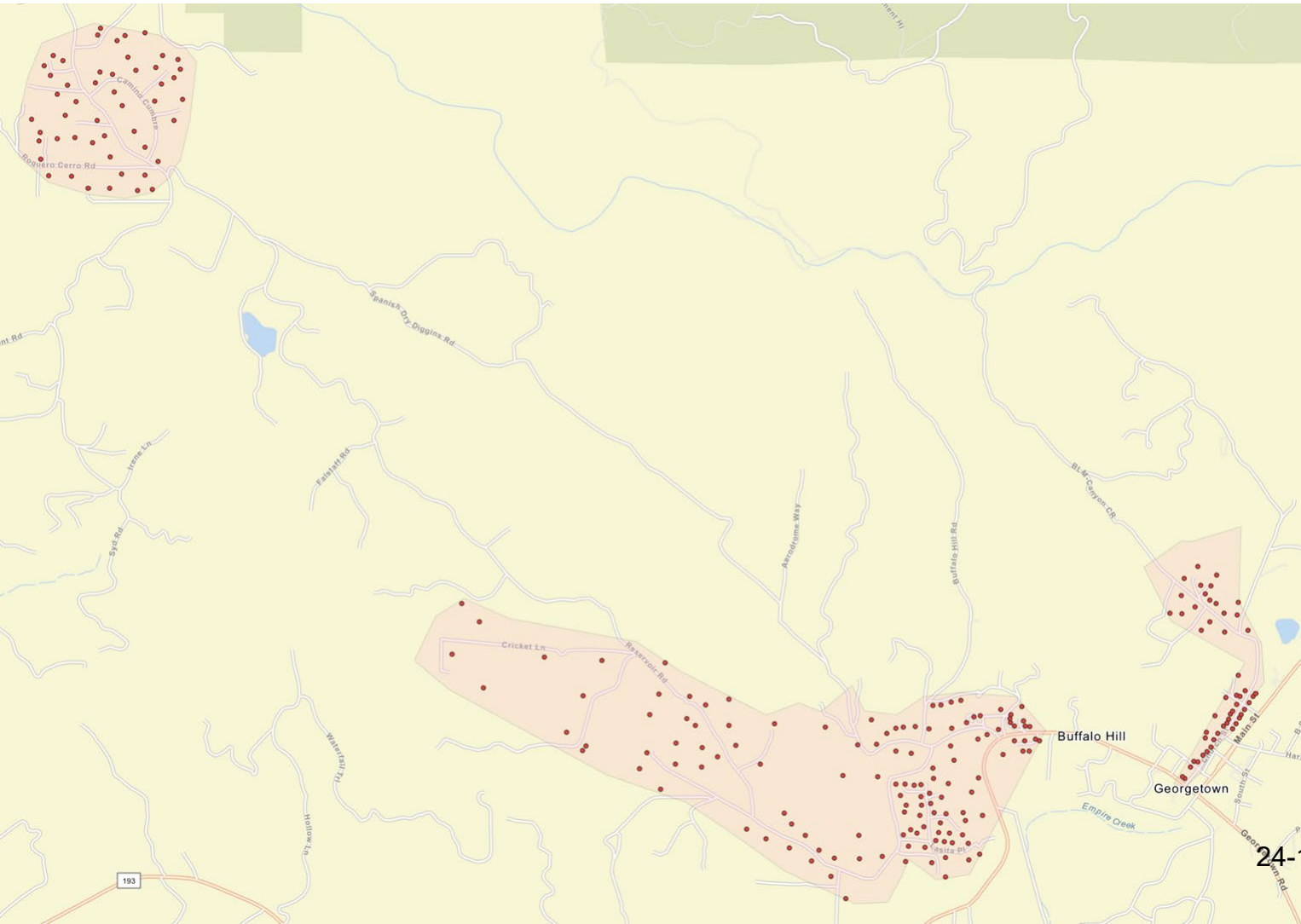


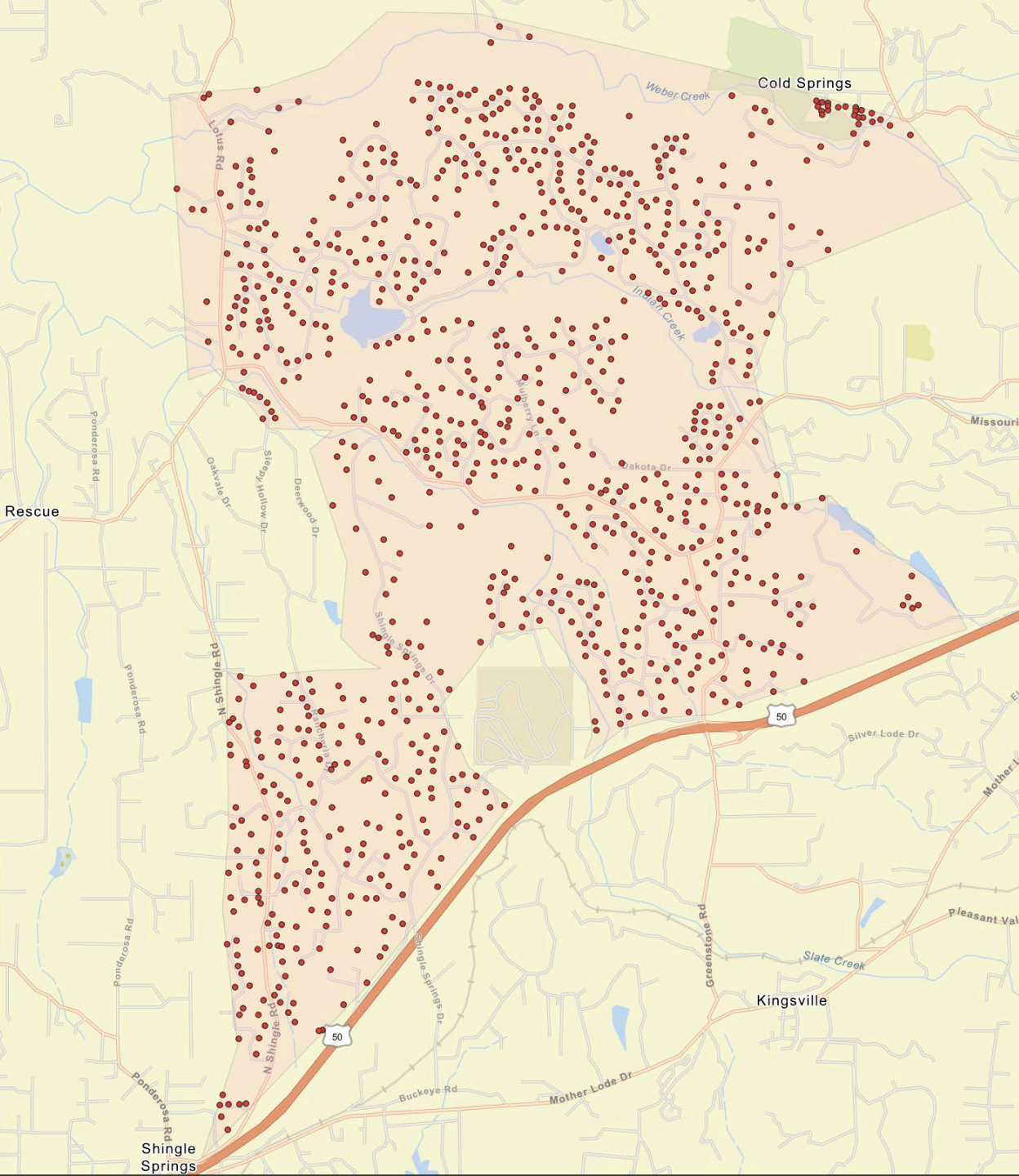
Garden Valley
\$25.3 Million

649 Unserved
Locations

Georgetown

\$5.6 Million
168 Unserved Locations





Indian Creek
\$30.7 Million

945 Unserved
Locations

COUNTY OWNERSHIP

PROS, CONS, WHAT DOES IT MEAN
ROLES, RESPONSIBILITIES, HOW TO'S

OWNERSHIP OF THE NETWORK

❖ Why?

- Provides funding to local governments
- Vested interest in the community, public interest and equity
- Carrier neutral
- Able to change providers more easily if needed
- Long-term investment in public infrastructure

❖ Other Benefits

- Fiber networks are long-term investments (50-year “shelf life”)
- Fiber networks support other applications in addition to broadband
 - Cell Service
 - Public Safety
 - Transportation, Traffic Lights
 - Internet of Things

COMMON PRACTICE IN THE INDUSTRY

- ❖ **Santa Monica:** The Santa Monica City Net, which began offering services in 2010, ([ConnectCalifornia](#)).
- ❖ **Ontario:** The City of Ontario is building a municipally-owned fiber network aimed at providing high-speed internet to all residents and businesses. This multi-phase project is expected to significantly improve connectivity in the area ([Ontario CA Gov](#)).
- ❖ **Palo Alto:** Palo Alto is actively expanding its municipal fiber network. ([Community Networks](#)).
- ❖ **Santa Clara County:** This county is developing a comprehensive municipal broadband network. Inspired by the successes of other municipal utilities, the plan includes pilot projects to provide affordable broadband services to underserved communities ([Community Networks](#)).
- ❖ **LA County:** Los Angeles County is conducting a pilot program to deploy broadband networks in communities impacted by the digital divide. This initiative is part of a broader effort to eventually establish a county-wide municipal broadband network ([Community Networks](#)).
- ❖ **Grover Beach :** Grover Beach, California, is improving local connectivity options through a collaboration with private partner Digital West. The City will install and own conduit that will house fiber owned by Digital West. Digital West will manage the network and provide services to end users. For use of the conduit, Digital West is paying the City 5.1% of its gross revenue from its operation of the private portion of the system
- ❖ **Santa Cruz, California** The City developed a citywide fiber network in partnership with service provider, Cruzio, serving as its network operator. For the first several years, Cruzio operated the network and provided internet services exclusively. After the first years, the network was then available on an open access basis, to more service provider in order to promote competition.

WHAT DOES “OWNERSHIP” MEAN?

Own the Network

Partner with ISP to:

- Operate and maintain the network
- Install drop fiber for customer activations
- Provide customer service, trouble resolution and services to the end user
- 10 year agreement

Managing a vendor relationship; County is not becoming an ISP

HOW THIS LOOKS, OTHER COMMON PRACTICES

- ❖ Request for Proposal for ISP partner
- ❖ Request for Proposal for Construction of the Network
- ❖ Support in Grant Compliance, Owner's Representative through Grant Period/Manage Construction
- ❖ Approximately \$1.3 Million in administrative expenses allowable in Grant funds
- ❖ Revenue Share of 6 – 10% of Revenue = \$60,000 - \$110,000 annually



QUESTIONS?

THANK YOU