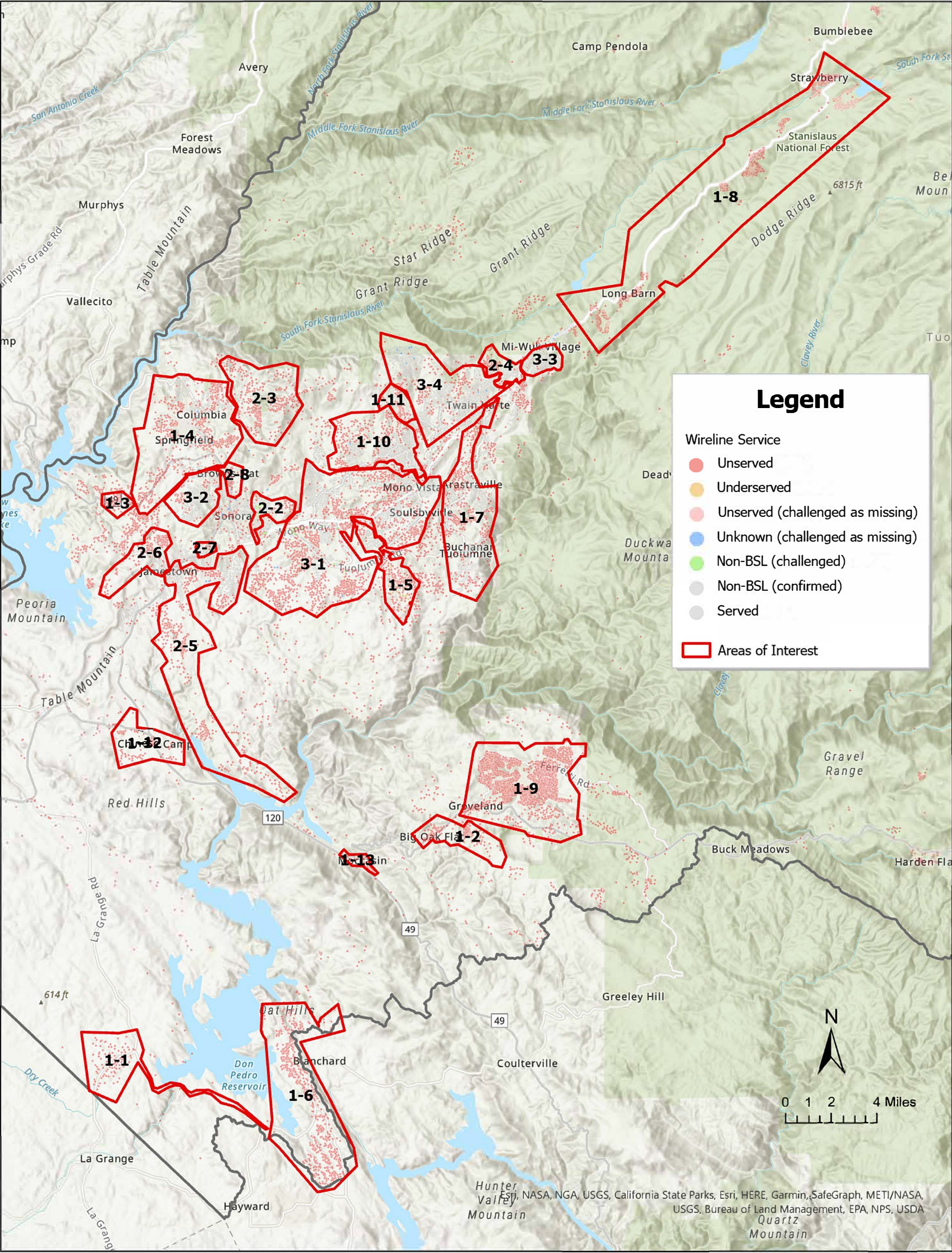


Broadband Infrastructure Areas of Interest

Tuolumne County areas of interest prioritize unserved and underserved locations as part of commercially viable projects. The areas were developed in partnership with Golden State Connect Authority and with funding provided by a Local Agency Technology Assistance grant.



Wireline includes fiber, cable and DLS connections to a home or business. Unserved locations have connections speeds of less than 25 Mbps down and 3 Mbps up. Underserved locations have connections speeds of less than 100 Mbps down and 20 Mbps up. Broadband service locations and service availability are from the Dec. 31, 2022 Federal Communications Commission (FCC) fabric data. Challenged locations were developed by Tuolumne County staff and submitted to the FCC and are awaiting adjudication.



TILSON

HLD Candidate Summary

GSCA Entity: Tuolumne County

Date: 7/25/2023

Cost/Mile: \$221,171 **

Cost/Install: \$1,234 **

Take Rate: 50.0%

Polygon Number	Benefactor Polygon	Build Mileage	Passing Units	CPUC Unserved	FCC Unserved	FCC Under-served	Density HPM	Projected Subscribers	Projected Build Cost	Cost Per Passing	Install	Cost Per Subscriber
1-1		13.50	122	7	0	0	9.04	61	\$2,985,809	\$24,474	\$75,274	\$50,182
1-2		15.62	332	42	1	0	21.25	166	\$3,454,691	\$10,406	\$204,844	\$22,045
1-3		4.83	116	52	0	16	24.02	58	\$1,068,256	\$9,209	\$71,572	\$19,652
1-4		87.02	2073	25	0	36	23.82	1037	\$19,246,300	\$9,284	\$1,279,658	\$19,794
1-5		21.03	441	51	0	0	20.97	221	\$4,651,226	\$10,547	\$272,714	\$22,280
1-6		44.10	757	0	0	0	17.17	379	\$9,753,641	\$12,885	\$467,686	\$26,969
1-7		58.35	2059	33	0	4	35.29	1030	\$12,905,328	\$6,268	\$1,271,020	\$13,763
1-8		75.70	1611	0	133	300	21.28	806	\$16,742,645	\$10,393	\$994,604	\$22,007
1-9		135.96	3287	0	0	0	24.18	1644	\$30,070,409	\$9,148	\$2,028,696	\$19,525
1-10		50.46	1941	0	0	0	38.47	971	\$11,160,289	\$5,750	\$1,198,214	\$12,728
1-11	3-4	0.20	150	0	0	0	769.23	75	\$43,128	\$288	\$92,550	\$1,809
1-12		8.98	167	2	0	0	18.60	84	\$1,986,116	\$11,893	\$103,656	\$24,878
1-13		11.22	107	0	0	0	9.53	54	\$2,482,423	\$23,200	\$66,636	\$47,205
2-1		11.24	595	19	0	0	52.94	298	\$2,485,962	\$4,178	\$367,732	\$9,576
2-2	1-4	28.88	458	53	0	8	15.86	229	\$6,387,418	\$13,946	\$282,586	\$29,127
2-3		11.69	342	7	0	4	29.26	171	\$2,585,489	\$7,560	\$211,014	\$16,354
2-4		70.45	1819	113	0	0	25.82	910	\$15,581,497	\$8,566	\$1,122,940	\$18,357
2-5		14.17	341	37	0	1	24.06	171	\$3,133,993	\$9,191	\$211,014	\$19,561
2-6		3.21	129	3	0	0	40.19	65	\$709,959	\$5,504	\$80,210	\$12,156
2-7		3.08	80	49	0	15	25.97	40	\$681,207	\$8,515	\$49,360	\$18,264
3-1		161.95	4992	0	0	0	30.82	2496	\$35,818,643	\$7,175	\$3,080,064	\$15,584
3-2	1-4	17.67	935	0	0	0	52.91	468	\$3,908,092	\$4,180	\$577,512	\$9,585
3-3		16.43	1013	0	0	0	61.66	507	\$3,633,840	\$3,587	\$625,638	\$8,401
3-4	2-3	69.66	2720	0	0	0	39.05	1360	\$15,406,772	\$5,664	\$1,678,240	\$12,563
							0.00	0	\$0	\$0	\$0	\$0
"Y" Choice Running Tallies		935.40	26,587	493			28.42	13,301	\$206,883,132	\$7,781	\$16,413,434	\$16,788

** Based on projected costs identified in the conceptual design

Polygon Numbering Hierarchy:

- 1-X - County areas of interest plus logical CPUC Unserved locations
- 2-X - CPUC Unserved locations that are outside of a 1-X polygon
- 3-X - Density areas that may be economically feasible

Polygons that have a benefactor polygon can only be constructed after the benefactor.